

ISOK_EXERC_ER_IR_300_R_SIDE
01/08
Set #1

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	120.3	-44	0.0
10	0.5	120.3	-44	0.2
20	0.8	120.3	-44	0.2
30	0.9	120.3	-44	0.7
40	1.2	120.3	-44	0.5
50	1.1	120.3	-44	1.0
60	0.9	120.2	-44	2.1
70	2.3	120.2	-44	2.1
80	10.4	120.2	-44	4.5
90	3.8	120.1	-44	8.2
100	0.3	120.0	-44	11.4
110	5.3	119.9	-43	13.3
120	6.5	119.7	-43	15.9
130	4.3	119.6	-43	17.8
140	4.2	119.4	-43	18.1
150	5.4	119.1	-43	22.6
160	6.6	118.9	-42	25.5
170	5.7	118.6	-42	32.2
180	5.3	118.3	-42	32.4
190	6.1	118.0	-42	31.6
200	7.1	117.6	-41	34.8
210	6.5	117.1	-41	46.3
220	6.2	116.7	-40	45.7
230	6.9	116.2	-40	44.1
240	7.2	115.7	-39	58.0
250	7.1	115.2	-39	56.7
260	6.9	114.6	-38	54.0
270	7.3	113.9	-37	57.7
280	7.6	113.2	-37	74.2
290	7.3	112.5	-36	79.0
300	7.3	111.8	-35	83.3
310	7.9	111.0	-35	87.3
320	7.6	110.2	-34	91.5
330	6.9	109.3	-33	96.3
340	6.9	108.4	-32	100.3
350	7.7	107.5	-31	94.7
360	7.1	106.5	-30	98.7
370	6.5	105.5	-29	102.4
380	6.8	104.4	-28	105.9
390	7.1	103.3	-27	109.6
400	7.1	102.2	-26	113.1
410	6.9	101.0	-25	116.8
420	6.4	99.8	-23	120.3
430	7.2	98.6	-22	123.5
440	7.1	97.4	-21	127.2
450	6.1	96.1	-20	130.7
460	5.8	94.7	-18	133.9
470	6.8	93.4	-17	136.8
480	6.6	92.0	-16	140.2

490	6.0	90.5	-14	143.2
500	6.2	89.1	-13	146.4
510	6.8	87.6	-11	149.3
520	5.8	86.1	-10	152.5
530	5.6	84.5	-8	155.4
540	6.0	83.0	-7	157.8
550	5.0	81.4	-5	160.5
560	5.6	79.8	-3	162.9
570	5.4	78.1	-2	165.5
580	3.9	76.4	0	167.7
590	4.7	74.8	2	152.8
600	12.2	73.2	3	143.2
610	23.2	71.7	5	139.2
620	19.7	70.5	6	107.5
630	12.3	69.4	7	102.7
640	11.8	68.5	8	88.3
650	13.2	67.7	9	76.1
660	12.5	67.0	9	59.1
670	9.5	66.4	10	56.4
680	5.4	65.9	11	48.1
690	3.7	65.5	11	41.5
700	3.4	65.1	11	38.6
710	3.0	64.8	12	30.8
720	1.6	64.5	12	26.3
730	0.7	64.3	12	22.8
740	0.5	64.1	12	21.2
750	0.1	63.9	13	16.7
760	-0.1	63.8	13	15.7
770	-0.1	63.7	13	12.5
780	-0.3	63.5	13	9.5
790	-2.6	63.5	13	9.0
800	-13.3	63.4	13	4.5
810	-3.7	63.4	13	-1.3
820	-2.0	63.4	13	-1.8
830	-9.1	63.4	13	-3.7
840	-8.7	63.5	13	-8.7
850	-5.4	63.6	13	-13.8
860	-7.1	63.8	13	-17.3
870	-10.2	64.0	12	-21.2
880	-8.4	64.2	12	-27.1
890	-7.6	64.5	12	-29.2
900	-10.4	64.8	12	-30.0
910	-11.3	65.2	11	-42.5
920	-9.6	65.6	11	-49.5
930	-10.3	66.1	10	-50.5
940	-12.3	66.6	10	-50.5
950	-11.5	67.3	9	-68.6
960	-10.4	67.9	9	-75.3
970	-11.7	68.6	8	-74.2
980	-12.2	69.4	7	-72.6
990	-11.3	70.3	6	-95.5
1000	-11.7	71.2	5	-102.2
1010	-12.6	72.1	4	-89.1
1020	-11.5	73.2	3	-115.8

1030	-11.5	74.3	2	-122.7
1040	-11.4	75.5	1	-129.1
1050	-11.8	76.7	0	-123.2
1060	-11.0	78.0	-2	-129.9
1070	-10.7	79.3	-3	-135.7
1080	-10.6	80.7	-4	-141.6
1090	-9.8	82.2	-6	-146.9
1100	-9.8	83.7	-7	-152.2
1110	-9.9	85.3	-9	-157.6
1120	-10.2	86.9	-10	-162.3
1130	-9.1	88.5	-12	-167.4
1140	-9.1	90.3	-14	-172.5
1150	-8.0	92.0	-16	-176.5
1160	-7.5	93.8	-17	-180.7
1170	-8.9	95.6	-19	-184.4
1180	-7.7	97.5	-21	-188.4
1190	-5.8	99.4	-23	-192.2
1200	-6.0	101.4	-25	-195.1
1210	-6.4	103.3	-27	-197.2
1220	-6.1	105.3	-29	-199.9
1230	-5.2	107.4	-31	-202.8
1240	-3.8	109.3	-33	-183.4
1250	-23.6	111.1	-35	-175.9
1260	-30.9	112.7	-36	-132.3
1270	-20.2	114.0	-38	-122.9
1280	-11.3	115.1	-39	-110.4
1290	-13.4	116.0	-40	-83.5
1300	-12.3	116.7	-40	-70.2
1310	-8.7	117.3	-41	-63.8
1320	-6.8	117.8	-41	-48.1
1330	-3.9	118.2	-42	-43.9
1340	-1.6	118.5	-42	-33.0
1350	-0.1	118.8	-42	-27.4
1360	-0.1	119.1	-43	-22.8
1370	-0.1	119.3	-43	-17.3
1380	0.0	119.4	-43	-15.9
1390	0.0	119.6	-43	-11.9
1400	0.5	119.7	-43	-11.9
1410	7.5	119.8	-43	-8.5
1420	5.4	119.8	-43	-4.7
1430	1.9	119.9	-43	-1.0
1440	4.7	119.9	-43	0.0
1450	8.8	119.9	-43	1.0
1460	6.8	119.8	-43	5.0
1470	4.9	119.7	-43	8.2
1480	6.5	119.6	-43	10.9
1490	7.6	119.5	-43	15.4
1500	6.1	119.3	-43	17.5
1510	5.7	119.1	-43	24.7
1520	6.6	118.8	-42	28.4
1530	7.7	118.5	-42	29.5
1540	7.6	118.2	-42	30.3
1550	7.7	117.8	-41	34.0
1560	8.0	117.4	-41	46.3

1570	8.3	117.0	-41	46.0
1580	8.0	116.5	-40	45.5
1590	7.1	115.9	-39	60.1
1600	6.4	115.4	-39	58.5
1610	6.9	114.8	-38	55.9
1620	6.4	114.1	-38	59.1
1630	6.4	113.4	-37	62.0
1640	6.2	112.7	-36	64.9
1650	6.6	112.0	-36	75.6
1660	7.2	111.2	-35	71.0
1670	6.9	110.4	-34	74.2
1680	6.2	109.5	-33	77.7
1690	6.6	108.6	-32	80.6
1700	7.1	107.7	-31	92.6
1710	6.1	106.7	-30	96.6
1720	5.4	105.7	-29	99.5
1730	5.8	104.7	-28	102.4
1740	5.7	103.7	-27	105.4
1750	6.0	102.6	-26	108.6
1760	6.1	101.5	-25	111.5
1770	6.1	100.3	-24	114.7
1780	6.1	99.2	-23	117.9
1790	6.0	98.0	-22	121.1
1800	5.8	96.7	-20	124.0
1810	5.0	95.5	-19	126.9
1820	5.2	94.2	-18	129.3
1830	5.7	92.9	-16	132.0
1840	5.4	91.5	-15	134.7
1850	5.2	90.2	-14	137.1
1860	6.0	88.8	-12	139.5
1870	5.8	87.4	-11	142.1
1880	5.3	85.9	-9	145.0
1890	4.7	84.4	-8	147.7
1900	5.2	82.9	-6	149.8
1910	4.7	81.4	-5	152.0
1920	4.6	79.9	-3	154.1
1930	4.1	78.3	-2	156.2
1940	3.3	76.8	0	157.8
1950	4.1	75.2	1	159.4
1960	6.4	73.7	3	140.8
1970	19.4	72.2	4	150.4
1980	18.4	71.0	5	119.2
1990	11.7	69.9	7	103.2
2000	9.8	69.0	7	89.4
2010	10.7	68.2	8	77.2
2020	10.3	67.5	9	67.8
2030	7.9	66.9	10	58.8
2040	4.2	66.4	10	50.5
2050	2.0	65.9	11	43.9
2060	1.8	65.5	11	34.0
2070	1.6	65.2	11	33.2
2080	0.1	64.9	12	28.7
2090	0.0	64.6	12	22.3
2100	0.0	64.4	12	21.8

2110	0.0	64.2	12	17.0
2120	0.0	64.0	12	16.5
2130	-1.4	63.9	13	12.5
2140	-9.6	63.8	13	10.9
2150	-4.5	63.7	13	5.8
2160	-2.4	63.6	13	4.5
2170	-8.0	63.6	13	1.8
2180	-8.7	63.6	13	-1.3
2190	-7.3	63.7	13	-4.5
2200	-6.9	63.7	13	-7.9
2210	-8.5	63.9	13	-12.7
2220	-9.4	64.0	12	-19.4
2230	-8.5	64.2	12	-22.0
2240	-9.1	64.5	12	-27.1
2250	-10.6	64.8	12	-28.7
2260	-10.8	65.2	11	-41.2
2270	-10.4	65.6	11	-43.3
2280	-11.5	66.1	10	-44.4
2290	-12.2	66.6	10	-60.9
2300	-11.7	67.2	9	-61.7
2310	-12.1	67.9	9	-61.2
2320	-12.3	68.6	8	-81.9
2330	-11.9	69.4	7	-81.1
2340	-11.8	70.2	6	-78.5
2350	-12.5	71.2	5	-103.0
2360	-12.3	72.2	4	-110.4
2370	-11.8	73.2	3	-106.4
2380	-12.7	74.3	2	-101.6
2390	-11.9	75.6	1	-119.2
2400	-11.5	76.8	0	-125.9
2410	-11.8	78.1	-2	-132.3
2420	-11.4	79.5	-3	-138.7
2430	-10.4	80.9	-4	-144.8
2440	-9.8	82.4	-6	-150.4
2450	-10.0	83.9	-7	-155.4
2460	-9.4	85.5	-9	-161.0
2470	-9.9	87.2	-11	-165.5
2480	-9.1	88.9	-12	-170.9
2490	-8.1	90.6	-14	-175.4
2500	-8.0	92.4	-16	-179.4
2510	-6.8	94.2	-18	-183.1
2520	-8.1	96.1	-20	-186.8
2530	-6.9	98.0	-22	-190.0
2540	-4.5	99.9	-23	-193.0
2550	-5.0	101.9	-25	-195.4
2560	-4.9	103.8	-27	-197.2
2570	-4.6	105.8	-29	-199.1
2580	-4.1	107.8	-31	-201.5
2590	-4.7	109.8	-33	-216.9
2600	-25.4	111.5	-35	-167.7
2610	-29.4	112.9	-36	-140.5
2620	-13.8	114.2	-38	-104.6
2630	-11.5	115.2	-39	-96.6
2640	-14.0	116.0	-40	-80.9

2650	-11.4	116.7	-40	-60.6
2660	-7.5	117.3	-41	-56.1
2670	-6.1	117.8	-41	-41.5
2680	-2.8	118.2	-42	-42.3
2690	-0.1	118.5	-42	-31.9
2700	-0.1	118.8	-42	-26.3
2710	-0.1	119.1	-43	-22.0
2720	0.0	119.3	-43	-20.4
2730	0.0	119.4	-43	-15.4
2740	0.3	119.5	-43	-11.7
2750	8.3	119.7	-43	-11.1
2760	5.6	119.7	-43	-6.1
2770	1.8	119.8	-43	-2.3
2780	4.7	119.8	-43	-1.8
2790	8.1	119.8	-43	1.0
2800	7.6	119.8	-43	3.9
2810	5.0	119.7	-43	7.1
2820	6.6	119.6	-43	11.9
2830	8.0	119.4	-43	15.7
2840	6.0	119.3	-43	20.4
2850	5.6	119.1	-43	23.6
2860	6.2	118.8	-42	27.6
2870	6.9	118.5	-42	31.1
2880	6.8	118.2	-42	35.6
2890	6.6	117.9	-41	39.6
2900	7.6	117.5	-41	43.6
2910	7.7	117.1	-41	43.6
2920	6.8	116.6	-40	42.8
2930	6.4	116.1	-40	56.7
2940	6.5	115.5	-39	59.9
2950	6.1	115.0	-39	64.4
2960	5.4	114.4	-38	61.7
2970	5.4	113.7	-37	58.3
2980	5.7	113.1	-37	60.6
2990	5.4	112.4	-36	63.3
3000	5.8	111.7	-35	65.7
3010	6.1	110.9	-34	68.6
3020	6.0	110.1	-34	86.7
3030	5.6	109.3	-33	90.2
3040	5.3	108.4	-32	93.4
3050	5.6	107.5	-31	87.5
3060	5.2	106.6	-30	90.7
3070	4.9	105.7	-29	93.4
3080	4.9	104.8	-28	95.5
3090	4.7	103.8	-27	98.2
3100	5.4	102.8	-26	100.6
3110	5.3	101.8	-25	103.5
3120	5.6	100.7	-24	106.2
3130	5.2	99.6	-23	108.8
3140	5.6	98.5	-22	111.8
3150	5.4	97.4	-21	114.4
3160	4.7	96.2	-20	117.4
3170	4.6	95.0	-19	119.8
3180	5.0	93.8	-17	121.9

3190	5.2	92.6	-16	124.5
3200	4.7	91.3	-15	126.9
3210	4.6	90.0	-14	129.3
3220	5.7	88.7	-12	131.2
3230	5.3	87.4	-11	134.1
3240	4.1	86.0	-10	136.3
3250	4.2	84.6	-8	138.4
3260	3.9	83.2	-7	140.2
3270	3.5	81.8	-5	141.8
3280	3.1	80.4	-4	143.2
3290	2.4	79.0	-3	144.5
3300	1.8	77.5	-1	145.3
3310	1.8	76.0	0	145.8
3320	1.4	74.6	2	144.2
3330	5.7	73.2	3	136.5
3340	14.5	72.0	4	108.6
3350	10.8	70.9	6	106.4
3360	6.1	69.9	7	93.1
3370	5.8	69.1	7	73.7
3380	6.4	68.3	8	72.1
3390	4.9	67.7	9	63.6
3400	2.0	67.1	9	61.2
3410	0.0	66.6	10	48.7
3420	0.0	66.2	10	43.1
3430	0.0	65.7	11	41.2
3440	-0.7	65.4	11	33.2
3450	-12.6	65.1	11	28.7
3460	-7.1	64.9	12	20.2
3470	-1.2	64.7	12	20.2
3480	-6.2	64.5	12	17.0
3490	-9.5	64.4	12	14.6
3500	-6.4	64.3	12	8.2
3510	-6.2	64.2	12	4.5
3520	-9.4	64.2	12	0.0
3530	-11.1	64.2	12	-2.6
3540	-9.2	64.3	12	-8.2
3550	-9.2	64.4	12	-13.3
3560	-11.3	64.6	12	-16.7
3570	-11.7	64.8	12	-26.8
3580	-11.0	65.1	11	-33.8
3590	-11.4	65.5	11	-36.7
3600	-12.2	65.9	11	-38.8
3610	-12.2	66.4	10	-54.8
3620	-12.3	66.9	10	-56.1
3630	-12.7	67.5	9	-56.4
3640	-13.0	68.2	8	-76.6
3650	-12.7	68.9	8	-76.6
3660	-12.6	69.8	7	-75.0
3670	-13.3	70.7	6	-99.0
3680	-12.9	71.6	5	-96.9
3690	-12.3	72.6	4	-93.4
3700	-12.3	73.7	3	-99.0
3710	-12.6	74.8	2	-105.4
3720	-12.1	76.1	0	-123.2

3730	-11.7	77.4	-1	-130.1
3740	-12.1	78.8	-2	-136.5
3750	-11.3	80.2	-4	-142.9
3760	-10.3	81.6	-5	-148.8
3770	-9.9	83.2	-7	-154.6
3780	-10.2	84.8	-8	-159.4
3790	-9.5	86.4	-10	-164.7
3800	-8.7	88.1	-12	-169.5
3810	-8.7	89.8	-13	-174.1
3820	-6.8	91.6	-15	-178.3
3830	-6.6	93.4	-17	-182.0
3840	-7.2	95.2	-19	-184.7
3850	-5.6	97.1	-21	-187.9
3860	-4.2	99.0	-23	-190.8
3870	-3.8	100.9	-24	-192.2
3880	-3.5	102.9	-26	-193.2
3890	-3.1	104.8	-28	-194.3
3900	-2.6	106.7	-30	-195.4
3910	-2.0	108.6	-32	-176.2
3920	-10.6	110.5	-34	-160.0
3930	-24.8	112.0	-36	-151.4
3940	-21.2	113.4	-37	-139.5
3950	-8.1	114.5	-38	-105.9
3960	-8.5	115.4	-39	-88.6
3970	-10.0	116.2	-40	-67.0
3980	-8.3	116.8	-40	-62.5
3990	-4.3	117.4	-41	-46.8
4000	-0.5	117.9	-41	-47.6
4010	-0.3	118.2	-42	-36.2
4020	-0.1	118.6	-42	-27.4
4030	0.0	118.8	-42	-25.8
4040	0.0	119.0	-43	-19.1
4050	2.7	119.2	-43	-18.1
4060	9.8	119.4	-43	-11.9
4070	3.0	119.5	-43	-9.3
4080	-0.1	119.6	-43	-6.9
4090	6.5	119.6	-43	-6.9
4100	6.4	119.7	-43	-2.3
4110	4.7	119.7	-43	1.0
4120	7.9	119.6	-43	1.0
4130	4.9	119.6	-43	7.1
4140	5.7	119.5	-43	8.7
4150	6.8	119.4	-43	11.1
4160	5.3	119.2	-43	15.9
4170	6.1	119.1	-43	16.7
4180	6.1	118.9	-42	20.2
4190	6.1	118.6	-42	22.8
4200	6.6	118.3	-42	26.0
4210	7.1	118.0	-42	29.5
4220	7.3	117.7	-41	32.7
4230	7.6	117.3	-41	36.4
4240	7.2	116.8	-40	40.4
4250	7.3	116.4	-40	43.6
4260	7.2	115.8	-39	57.2

4270	6.6	115.3	-39	55.9
4280	6.8	114.7	-38	53.5
4290	6.5	114.1	-38	69.2
4300	6.8	113.4	-37	73.2
4310	6.6	112.7	-36	76.9
4320	6.6	112.0	-36	80.9
4330	6.9	111.2	-35	84.6
4340	6.9	110.4	-34	88.6
4350	6.2	109.6	-33	92.6
4360	6.4	108.7	-32	96.1
4370	6.4	107.8	-31	90.7
4380	6.1	106.9	-30	94.2
4390	5.8	105.9	-29	97.4
4400	5.8	104.9	-28	100.6
4410	6.0	103.9	-27	103.5
4420	6.2	102.8	-26	106.4
4430	6.1	101.8	-25	109.9
4440	6.1	100.6	-24	113.1
4450	5.8	99.5	-23	116.0
4460	5.8	98.3	-22	119.0
4470	5.7	97.1	-21	121.9
4480	4.9	95.8	-19	124.8
4490	4.7	94.6	-18	127.2
4500	5.3	93.3	-17	129.6
4510	5.0	92.0	-16	132.3
4520	4.5	90.6	-14	134.4
4530	4.3	89.3	-13	136.5
4540	4.7	87.9	-11	138.4
4550	3.7	86.5	-10	140.2
4560	3.1	85.1	-9	142.1
4570	2.7	83.6	-7	143.4
4580	2.7	82.2	-6	144.5
4590	2.4	80.8	-4	145.6
4600	2.4	79.3	-3	146.4
4610	1.8	77.8	-1	146.6
4620	1.5	76.4	0	147.4
4630	1.4	74.9	2	147.7
4640	3.1	73.5	3	126.1
4650	14.1	72.2	4	125.1
4660	12.2	71.1	5	98.7
4670	5.2	70.1	6	96.3
4680	4.6	69.2	7	84.3
4690	4.6	68.5	8	66.5
4700	2.8	67.8	9	65.2
4710	1.8	67.2	9	57.5
4720	0.0	66.6	10	50.0
4730	0.0	66.2	10	43.9
4740	0.0	65.8	11	38.6
4750	-1.6	65.5	11	30.6
4760	-13.0	65.2	11	28.4
4770	-6.2	64.9	12	24.4
4780	-2.3	64.7	12	18.9
4790	-9.1	64.5	12	14.9
4800	-10.8	64.4	12	11.9

4810	-7.5	64.3	12	5.0
4820	-8.1	64.3	12	1.3
4830	-11.4	64.3	12	-2.3
4840	-11.0	64.4	12	-8.2
4850	-9.1	64.5	12	-14.1
4860	-10.3	64.7	12	-20.2
4870	-12.1	64.9	12	-26.3
4880	-11.3	65.2	11	-33.5
4890	-10.8	65.5	11	-40.4
4900	-11.9	65.9	11	-42.8
4910	-12.6	66.4	10	-44.4
4920	-12.3	67.0	9	-61.7
4930	-12.3	67.6	9	-67.8
4940	-13.2	68.3	8	-76.4
4950	-12.7	69.0	7	-84.3
4960	-12.5	69.8	7	-92.1
4970	-13.3	70.7	6	-90.2
4980	-13.2	71.6	5	-87.5
4990	-12.3	72.7	4	-93.7
5000	-12.5	73.8	3	-99.5
5010	-12.7	75.0	1	-115.8
5020	-12.2	76.2	0	-124.0
5030	-11.8	77.5	-1	-131.2
5040	-12.3	78.8	-2	-137.1
5050	-11.5	80.3	-4	-144.0
5060	-10.0	81.8	-5	-149.8
5070	-10.0	83.3	-7	-155.4
5080	-10.3	84.9	-8	-160.5
5090	-9.4	86.5	-10	-165.5
5100	-8.4	88.2	-12	-170.6
5110	-8.9	90.0	-14	-174.9
5120	-6.9	91.7	-15	-179.1
5130	-6.6	93.6	-17	-182.8
5140	-7.9	95.4	-19	-186.0
5150	-6.1	97.3	-21	-189.5
5160	-4.2	99.2	-23	-192.4
5170	-3.9	101.2	-25	-193.8
5180	-3.4	103.1	-27	-195.1
5190	-3.4	105.1	-29	-196.7
5200	-2.8	107.0	-31	-197.5
5210	-1.8	109.0	-33	-197.8
5220	-14.9	110.8	-34	-175.7
5230	-26.0	112.4	-36	-162.6
5240	-19.5	113.6	-37	-124.5
5250	-7.3	114.7	-38	-103.0
5260	-7.7	115.6	-39	-77.2
5270	-8.7	116.4	-40	-72.4
5280	-6.1	117.0	-41	-55.3
5290	-1.5	117.5	-41	-55.1
5300	0.0	118.0	-42	-41.7
5310	0.0	118.3	-42	-31.1
5320	0.0	118.6	-42	-32.2
5330	1.2	118.9	-42	-24.7
5340	13.8	119.1	-43	-21.0

5350	5.6	119.2	-43	-12.5
5360	0.1	119.3	-43	-9.3
5370	6.2	119.4	-43	-7.7
5380	7.1	119.5	-43	-5.5
5390	4.7	119.5	-43	-1.0
5400	5.4	119.5	-43	0.5
5410	7.9	119.5	-43	2.3
5420	6.9	119.4	-43	6.3
5430	6.4	119.3	-43	9.5
5440	7.7	119.2	-43	13.0
5450	7.2	119.0	-43	19.9
5460	6.9	118.8	-42	24.2
5470	6.9	118.6	-42	28.4
5480	6.8	118.3	-42	29.8
5490	7.3	118.0	-42	30.0
5500	7.7	117.6	-41	34.0
5510	7.7	117.2	-41	37.5
5520	8.1	116.7	-40	42.0
5530	8.4	116.2	-40	45.2
5540	8.1	115.7	-39	49.5
5550	8.4	115.1	-39	65.2
5560	8.0	114.5	-38	63.6
5570	8.0	113.8	-37	61.2
5580	7.9	113.1	-37	79.3
5590	7.6	112.4	-36	76.1
5600	7.6	111.6	-35	80.3
5610	8.0	110.7	-34	75.6
5620	8.0	109.9	-33	79.3
5630	7.9	109.0	-33	83.0
5640	8.1	108.0	-32	96.6
5650	8.0	107.0	-31	101.1
5660	6.9	105.9	-29	105.4
5670	6.9	104.8	-28	109.1
5680	6.6	103.7	-27	112.8
5690	6.9	102.6	-26	116.6
5700	6.8	101.4	-25	120.0
5710	6.1	100.1	-24	123.5
5720	6.6	98.9	-22	126.4
5730	6.6	97.6	-21	129.9
5740	6.0	96.3	-20	133.1
5750	5.4	94.9	-18	136.0
5760	5.7	93.5	-17	138.7
5770	5.3	92.1	-16	141.6
5780	4.6	90.7	-14	144.0
5790	4.3	89.2	-13	145.8
5800	5.0	87.8	-11	148.2
5810	4.2	86.3	-10	150.1
5820	3.8	84.7	-8	152.2
5830	3.9	83.2	-7	153.8
5840	3.5	81.7	-5	155.4
5850	3.7	80.1	-4	156.5
5860	3.4	78.5	-2	158.1
5870	2.0	76.9	0	159.4
5880	2.2	75.3	1	160.0

5890	3.4	73.8	3	141.3
5900	15.6	72.3	4	152.5
5910	16.1	71.1	5	121.1
5920	8.9	70.0	6	105.1
5930	6.9	69.1	7	91.0
5940	7.7	68.3	8	71.0
5950	6.8	67.6	9	68.9
5960	4.6	66.9	10	59.9
5970	1.8	66.4	10	51.9
5980	0.0	65.9	11	48.9
5990	0.0	65.5	11	38.8
6000	0.0	65.2	11	37.2
6010	-0.1	64.9	12	29.5
6020	-2.6	64.6	12	25.5
6030	-9.2	64.4	12	18.6
6040	-2.0	64.2	12	17.8
6050	-1.1	64.1	12	14.9
6060	-6.9	63.9	13	14.6
6070	-6.0	63.8	13	9.3
6080	-4.9	63.7	13	5.5
6090	-7.2	63.7	13	3.1
6100	-7.6	63.7	13	-0.7
6110	-9.1	63.7	13	-2.9
6120	-7.2	63.8	13	-7.7
6130	-7.9	63.9	13	-13.3
6140	-9.4	64.1	12	-18.1
6150	-9.4	64.3	12	-23.4
6160	-9.2	64.5	12	-26.3
6170	-9.9	64.8	12	-28.2
6180	-10.7	65.2	11	-40.1
6190	-10.3	65.6	11	-42.0
6200	-10.6	66.0	10	-48.1
6210	-11.5	66.5	10	-48.4
6220	-11.7	67.2	9	-66.2
6230	-11.8	67.8	9	-72.4
6240	-11.8	68.5	8	-80.1
6250	-12.1	69.3	7	-79.3
6260	-12.3	70.1	6	-76.9
6270	-12.6	71.0	5	-82.7
6280	-11.8	72.0	4	-90.5
6290	-12.1	73.0	3	-94.5
6300	-12.2	74.1	2	-100.3
6310	-11.5	75.3	1	-117.9
6320	-11.5	76.5	0	-124.0
6330	-11.7	77.8	-1	-130.7
6340	-11.1	79.2	-3	-136.5
6350	-10.4	80.6	-4	-142.9
6360	-10.0	82.1	-6	-148.2
6370	-10.2	83.6	-7	-153.6
6380	-9.9	85.2	-9	-158.9
6390	-9.9	86.8	-10	-163.9
6400	-9.2	88.5	-12	-169.3
6410	-9.1	90.2	-14	-173.8
6420	-8.0	92.0	-16	-178.3

6430	-7.6	93.8	-17	-182.6
6440	-9.4	95.7	-19	-186.3
6450	-7.9	97.5	-21	-190.6
6460	-6.0	99.5	-23	-194.3
6470	-6.4	101.4	-25	-197.2
6480	-6.0	103.4	-27	-199.6
6490	-5.4	105.5	-29	-202.3
6500	-4.7	107.5	-31	-204.4
6510	-3.4	109.5	-33	-203.3
6520	-23.9	111.3	-35	-174.6
6530	-30.5	112.9	-36	-160.0
6540	-17.5	114.1	-38	-108.8
6550	-10.7	115.1	-39	-99.5
6560	-11.3	116.0	-40	-82.7
6570	-10.8	116.7	-40	-61.7
6580	-7.5	117.3	-41	-56.9
6590	-4.1	117.8	-41	-42.3
6600	-1.1	118.2	-42	-42.0
6610	-0.1	118.6	-42	-32.2
6620	0.0	118.8	-42	-24.2
6630	0.0	119.1	-43	-22.3
6640	0.0	119.3	-43	-16.7
6650	1.8	119.4	-43	-17.0
6660	10.6	119.6	-43	-11.4
6670	4.5	119.6	-43	-5.8
6680	-0.1	119.7	-43	-3.9
6690	6.5	119.7	-43	-3.1
6700	7.2	119.7	-43	0.2
6710	7.3	119.7	-43	2.1
6720	6.0	119.7	-43	5.8
6730	6.9	119.6	-43	10.3
6740	7.5	119.4	-43	13.3
6750	6.2	119.3	-43	19.1
6760	6.4	119.1	-43	20.4
6770	6.4	118.9	-42	21.8
6780	6.5	118.6	-42	24.7
6790	6.8	118.3	-42	28.2
6800	6.9	117.9	-41	38.6
6810	7.6	117.5	-41	42.5
6820	8.0	117.1	-41	42.8
6830	7.9	116.7	-40	42.3
6840	7.9	116.2	-40	56.4
6850	8.1	115.6	-39	55.6
6860	8.0	115.0	-39	54.0
6870	7.3	114.4	-38	70.5
6880	7.5	113.7	-37	74.5
6890	7.9	113.0	-37	71.6
6900	7.6	112.3	-36	68.1
6910	8.0	111.5	-35	87.8
6920	8.1	110.6	-34	92.1
6930	7.9	109.8	-33	96.9
6940	7.7	108.9	-32	101.4
6950	7.9	107.9	-31	96.1
6960	7.2	106.9	-30	100.6

6970	6.5	105.9	-29	104.3
6980	6.6	104.8	-28	108.0
6990	6.2	103.7	-27	111.2
7000	6.5	102.6	-26	114.7
7010	6.8	101.4	-25	117.9
7020	6.4	100.2	-24	121.6
7030	6.6	98.9	-22	124.8
7040	6.5	97.7	-21	128.3
7050	6.1	96.4	-20	131.5
7060	5.4	95.0	-19	134.7
7070	5.8	93.6	-17	137.1
7080	6.0	92.3	-16	140.0
7090	4.7	90.8	-14	142.4
7100	4.7	89.4	-13	144.8
7110	5.6	87.9	-11	146.9
7120	4.2	86.4	-10	149.6
7130	4.2	84.9	-8	151.4
7140	4.2	83.4	-7	153.3
7150	3.7	81.9	-5	155.2
7160	3.5	80.3	-4	156.5
7170	3.3	78.7	-2	157.8
7180	1.9	77.1	-1	159.2
7190	1.8	75.5	1	159.7
7200	1.9	73.9	3	174.1
7210	12.7	72.6	4	141.0
7220	15.9	71.3	5	110.4
7230	8.9	70.2	6	106.7
7240	6.1	69.2	7	92.3
7250	6.9	68.3	8	88.1
7260	6.2	67.7	9	70.0
7270	4.3	67.0	9	60.9
7280	1.8	66.5	10	52.7
7290	0.0	66.0	10	45.5
7300	0.0	65.6	11	35.4
7310	0.0	65.2	11	34.3
7320	-0.7	64.9	12	26.8
7330	-13.0	64.7	12	25.2
7340	-6.8	64.5	12	20.7
7350	-1.2	64.3	12	14.9
7360	-7.3	64.2	12	14.9
7370	-9.5	64.1	12	9.8
7380	-6.1	64.0	12	4.7
7390	-6.2	64.0	12	0.2
7400	-10.8	64.0	12	-1.3
7410	-8.7	64.1	12	-7.4
7420	-7.9	64.2	12	-12.2
7430	-9.4	64.3	12	-15.7
7440	-10.3	64.5	12	-20.7
7450	-10.2	64.7	12	-23.6
7460	-9.9	65.0	11	-28.4
7470	-10.8	65.4	11	-33.5
7480	-10.8	65.8	11	-38.8
7490	-10.8	66.3	10	-44.7
7500	-11.4	66.9	10	-55.3

7510	-11.4	67.4	9	-60.9
7520	-11.7	68.1	8	-60.4
7530	-11.7	68.8	8	-80.9
7540	-11.5	69.6	7	-79.8
7550	-12.2	70.4	6	-77.2
7560	-11.9	71.4	5	-100.8
7570	-11.3	72.3	4	-98.2
7580	-11.3	73.3	3	-93.1
7590	-11.5	74.4	2	-98.7
7600	-10.6	75.6	1	-115.8
7610	-10.6	76.8	0	-121.6
7620	-10.8	78.1	-2	-127.5
7630	-10.2	79.4	-3	-133.1
7640	-9.5	80.7	-4	-138.7
7650	-8.9	82.2	-6	-143.7
7660	-8.8	83.6	-7	-148.2
7670	-8.7	85.2	-9	-153.0
7680	-8.3	86.7	-10	-157.0
7690	-7.6	88.3	-12	-161.5
7700	-7.9	90.0	-14	-165.0
7710	-6.1	91.6	-15	-169.0
7720	-6.4	93.4	-17	-171.9
7730	-7.1	95.1	-19	-174.9
7740	-5.7	96.9	-20	-178.1
7750	-5.3	98.7	-22	-181.0
7760	-4.7	100.5	-24	-183.1
7770	-4.2	102.4	-26	-185.2
7780	-4.3	104.2	-28	-187.1
7790	-4.3	106.1	-30	-188.4
7800	-4.6	108.0	-32	-190.6
7810	-6.4	109.8	-33	-165.8
7820	-24.7	111.4	-35	-158.1
7830	-28.2	112.8	-36	-120.0
7840	-14.6	114.0	-38	-112.6
7850	-12.9	115.0	-39	-84.3
7860	-15.2	115.8	-39	-79.6
7870	-12.2	116.6	-40	-73.7
7880	-8.3	117.1	-41	-56.4
7890	-7.3	117.6	-41	-51.9
7900	-4.3	118.0	-42	-39.6
7910	-1.5	118.4	-42	-30.0
7920	-0.3	118.7	-42	-30.6
7930	-0.3	118.9	-42	-23.6
7940	0.0	119.1	-43	-22.0
7950	0.0	119.3	-43	-16.7
7960	0.0	119.5	-43	-15.7
7970	0.0	119.6	-43	-12.2
7980	4.3	119.7	-43	-9.0
7990	10.3	119.8	-43	-6.1
8000	3.8	119.8	-43	0.2
8010	4.6	119.8	-43	0.2
8020	9.2	119.7	-43	3.4
8030	7.2	119.7	-43	7.1
8040	6.6	119.6	-43	10.6

8050	7.6	119.4	-43	13.8
8060	7.1	119.2	-43	17.5
8070	6.5	119.0	-43	20.7
8080	5.8	118.7	-42	29.5
8090	6.2	118.5	-42	30.0
8100	7.1	118.1	-42	30.0
8110	7.1	117.8	-41	33.5
8120	7.9	117.4	-41	37.2
8130	8.7	116.9	-40	49.7
8140	8.4	116.4	-40	54.8
8150	8.3	115.9	-39	54.3
8160	8.1	115.3	-39	52.7
8170	8.1	114.7	-38	69.4
8180	7.7	114.0	-38	74.2
8190	7.7	113.4	-37	71.3
8200	7.7	112.6	-36	68.1
8210	8.1	111.8	-35	71.6
8220	8.5	111.0	-35	75.3
8230	8.3	110.1	-34	79.0
8240	7.9	109.2	-33	83.3
8250	8.3	108.2	-32	96.3
8260	8.3	107.2	-31	101.1
8270	6.9	106.2	-30	105.1
8280	6.6	105.1	-29	109.1
8290	6.5	104.0	-28	112.6
8300	6.6	102.8	-26	116.0
8310	6.4	101.6	-25	119.2
8320	6.1	100.4	-24	122.7
8330	6.2	99.2	-23	125.9
8340	6.6	97.9	-21	129.1
8350	6.8	96.6	-20	132.3
8360	5.7	95.2	-19	135.7
8370	5.6	93.8	-17	138.4
8380	5.7	92.4	-16	141.3
8390	5.3	91.0	-15	144.0
8400	5.0	89.5	-13	146.4
8410	5.6	88.1	-12	148.8
8420	4.3	86.6	-10	151.2
8430	4.2	85.0	-9	153.6
8440	4.5	83.5	-7	155.2
8450	4.3	81.9	-5	157.0
8460	4.2	80.3	-4	158.9
8470	3.9	78.7	-2	160.7
8480	2.8	77.1	-1	162.3
8490	2.7	75.5	1	163.4
8500	3.9	73.8	3	177.8
8510	15.9	72.4	4	143.2
8520	17.6	71.1	5	111.8
8530	10.2	70.0	6	107.5
8540	7.9	69.1	7	92.9
8550	8.4	68.2	8	86.7
8560	7.1	67.5	9	69.7
8570	5.3	66.9	10	60.1
8580	3.0	66.3	10	51.9

8590	0.3	65.9	11	44.7
8600	0.0	65.5	11	42.3
8610	0.0	65.1	11	33.5
8620	-0.1	64.8	12	29.2
8630	-0.7	64.6	12	22.6
8640	-11.9	64.3	12	21.0
8650	-5.4	64.2	12	16.7
8660	-0.9	64.0	12	12.5
8670	-6.1	63.9	13	9.8
8680	-8.5	63.8	13	7.4
8690	-5.4	63.8	13	2.1
8700	-6.4	63.8	13	-0.7
8710	-10.6	63.8	13	-2.6
8720	-7.6	63.9	13	-7.7
8730	-7.2	64.0	12	-12.2
8740	-10.2	64.1	12	-15.9
8750	-10.0	64.4	12	-23.4
8760	-9.1	64.6	12	-29.5
8770	-10.2	64.9	12	-31.9
8780	-11.5	65.3	11	-33.5
8790	-10.3	65.7	11	-47.9
8800	-10.8	66.2	10	-49.5
8810	-12.3	66.7	10	-49.5
8820	-11.7	67.3	9	-67.8
8830	-11.3	68.0	8	-74.5
8840	-11.9	68.7	8	-74.2
8850	-12.3	69.5	7	-72.4
8860	-11.8	70.3	6	-78.0
8870	-12.2	71.2	5	-83.8
8880	-12.1	72.3	4	-109.6
8890	-11.4	73.3	3	-116.3
8900	-11.4	74.4	2	-123.2
8910	-10.6	75.6	1	-117.9
8920	-10.6	76.8	0	-123.7
8930	-10.6	78.1	-2	-129.6
8940	-10.0	79.4	-3	-135.2
8950	-9.2	80.8	-4	-140.5
8960	-8.8	82.3	-6	-145.6
8970	-8.9	83.8	-7	-149.8
8980	-8.8	85.3	-9	-154.4
8990	-8.7	86.9	-10	-158.9
9000	-7.9	88.5	-12	-163.4
9010	-8.1	90.2	-14	-167.4
9020	-6.6	91.9	-15	-171.4
9030	-6.5	93.6	-17	-174.9
9040	-8.1	95.4	-19	-177.8
9050	-6.5	97.2	-21	-181.5
9060	-5.3	99.0	-23	-185.0
9070	-5.6	100.9	-24	-187.4
9080	-5.8	102.8	-26	-189.2
9090	-5.0	104.7	-28	-191.9
9100	-4.5	106.6	-30	-194.3
9110	-5.3	108.5	-32	-176.2
9120	-14.1	110.4	-34	-162.6

9130	-27.4	112.0	-36	-153.8
9140	-24.8	113.4	-37	-141.8
9150	-12.2	114.4	-38	-107.8
9160	-13.4	115.4	-39	-90.2
9170	-14.2	116.2	-40	-68.1
9180	-9.9	116.8	-40	-63.6
9190	-7.2	117.4	-41	-47.3
9200	-5.7	117.9	-41	-44.1
9210	-1.9	118.3	-42	-33.0
9220	0.0	118.6	-42	-30.8
9230	-0.1	118.8	-42	-23.1
9240	0.0	119.1	-43	-21.8
9250	0.0	119.3	-43	-16.5
9260	0.8	119.4	-43	-15.1
9270	9.9	119.6	-43	-11.9
9280	4.3	119.6	-43	-8.2
9290	0.9	119.7	-43	-4.5
9300	6.5	119.7	-43	-3.9
9310	7.1	119.7	-43	0.2
9320	8.3	119.7	-43	0.7
9330	4.3	119.7	-43	7.7
9340	7.1	119.6	-43	9.8
9350	8.0	119.5	-43	13.8
9360	6.1	119.3	-43	18.6
9370	6.8	119.1	-43	20.2
9380	7.1	118.9	-42	21.5
9390	7.1	118.6	-42	25.5
9400	7.2	118.3	-42	28.7
9410	7.6	118.0	-42	32.7
9420	7.9	117.6	-41	35.9
9430	8.5	117.2	-41	40.1
9440	8.4	116.7	-40	44.1
9450	8.0	116.1	-40	58.5
9460	8.3	115.6	-39	57.7
9470	8.5	115.0	-39	55.9
9480	8.1	114.3	-38	73.4
9490	7.7	113.6	-37	78.0
9500	7.9	112.9	-36	82.5
9510	8.1	112.1	-36	79.0
9520	8.4	111.3	-35	75.0
9530	8.3	110.4	-34	79.0
9540	7.9	109.5	-33	83.0
9550	8.1	108.6	-32	86.7
9560	8.3	107.5	-31	100.3
9570	7.5	106.5	-30	104.6
9580	6.8	105.4	-29	108.8
9590	6.9	104.3	-28	112.3
9600	7.2	103.1	-27	116.0
9610	6.8	102.0	-26	119.5
9620	6.8	100.7	-24	123.2
9630	6.8	99.5	-23	126.4
9640	7.1	98.2	-22	130.1
9650	6.8	96.9	-20	133.6
9660	5.7	95.5	-19	136.8

9670	5.4	94.1	-18	139.5
9680	5.8	92.7	-16	142.4
9690	5.0	91.2	-15	145.0
9700	4.9	89.8	-13	147.4
9710	5.7	88.3	-12	149.8
9720	5.0	86.8	-10	152.2
9730	4.3	85.2	-9	154.6
9740	4.2	83.7	-7	156.5
9750	4.7	82.1	-6	158.4
9760	4.3	80.5	-4	160.5
9770	4.1	78.9	-2	162.3
9780	2.7	77.2	-1	163.9
9790	2.3	75.6	1	165.0
9800	2.6	74.0	2	149.8
9810	14.9	72.5	4	130.9
9820	18.2	71.2	5	126.7
9830	11.0	70.1	6	109.4
9840	7.9	69.1	7	84.3
9850	8.3	68.2	8	81.4
9860	8.0	67.5	9	70.5
9870	6.0	66.8	10	60.6
9880	3.5	66.3	10	46.8
9890	0.9	65.8	11	44.9
9900	0.0	65.4	11	39.1
9910	0.0	65.1	11	37.0
9920	0.0	64.8	12	29.5
9930	-0.1	64.5	12	27.6
9940	-1.5	64.3	12	21.8
9950	-10.3	64.1	12	17.5
9960	-4.2	64.0	12	12.7
9970	-1.2	63.9	13	11.4
9980	-7.9	63.8	13	9.0
9990	-8.1	63.7	13	5.0
10000	-5.3	63.7	13	0.2
10010	-8.8	63.7	13	-0.5
10020	-8.3	63.7	13	-6.1
10030	-6.1	63.8	13	-11.1
10040	-8.1	64.0	12	-15.1
10050	-10.2	64.1	12	-17.8
10060	-8.4	64.3	12	-23.1
10070	-8.9	64.6	12	-25.0
10080	-11.0	64.9	12	-35.9
10090	-10.4	65.3	11	-38.3
10100	-9.8	65.7	11	-39.6
10110	-10.8	66.2	10	-54.5
10120	-11.4	66.7	10	-55.1
10130	-10.2	67.3	9	-55.1
10140	-10.3	68.0	8	-73.4
10150	-11.0	68.7	8	-72.4
10160	-10.3	69.5	7	-70.0
10170	-10.2	70.3	6	-75.0
10180	-11.0	71.1	5	-80.1
10190	-10.8	72.1	4	-85.4
10200	-10.4	73.1	3	-90.5

10210	-10.8	74.1	2	-95.3
10220	-10.3	75.3	1	-111.8
10230	-9.6	76.4	0	-117.1
10240	-9.5	77.6	-1	-122.4
10250	-9.6	78.9	-2	-127.5
10260	-8.9	80.2	-4	-132.8
10270	-8.0	81.6	-5	-137.3
10280	-8.5	83.0	-7	-141.6
10290	-8.8	84.4	-8	-145.8
10300	-7.6	85.9	-9	-150.6
10310	-8.8	87.5	-11	-154.6
10320	-8.9	89.0	-13	-158.6
10330	-6.9	90.7	-14	-163.4
10340	-7.1	92.3	-16	-166.6
10350	-6.9	94.0	-18	-170.1
10360	-7.9	95.7	-19	-173.5
10370	-6.2	97.5	-21	-177.0
10380	-4.9	99.3	-23	-179.9
10390	-6.0	101.1	-25	-182.0
10400	-5.0	102.9	-26	-184.2
10410	-4.5	104.8	-28	-186.6
10420	-4.7	106.7	-30	-188.2
10430	-5.0	108.5	-32	-171.1
10440	-12.9	110.3	-34	-157.8
10450	-25.6	111.9	-35	-149.8
10460	-23.6	113.3	-37	-139.2
10470	-11.0	114.3	-38	-106.2
10480	-11.5	115.2	-39	-89.4
10490	-11.3	116.1	-40	-82.7
10500	-8.5	116.7	-40	-63.8
10510	-5.8	117.3	-41	-58.5
10520	-2.8	117.7	-41	-44.9
10530	0.0	118.1	-42	-33.8
10540	-0.1	118.5	-42	-34.8
10550	0.0	118.7	-42	-26.8
10560	0.0	119.0	-43	-20.2
10570	1.9	119.2	-43	-21.0
10580	11.4	119.3	-43	-14.9
10590	4.5	119.4	-43	-10.3
10600	0.3	119.5	-43	-6.9
10610	7.2	119.6	-43	-6.6
10620	7.2	119.6	-43	-2.1
10630	5.7	119.6	-43	1.0
10640	6.9	119.6	-43	2.9
10650	6.8	119.5	-43	6.1
10660	6.4	119.4	-43	11.7
10670	6.6	119.3	-43	15.9
10680	6.2	119.1	-43	17.8
10690	6.2	118.9	-42	18.9
10700	6.6	118.7	-42	24.4
10710	6.1	118.4	-42	31.1
10720	6.2	118.1	-42	34.6
10730	7.1	117.8	-41	35.1
10740	7.1	117.4	-41	38.8

10750	6.5	117.0	-41	38.3
10760	6.5	116.5	-40	46.0
10770	6.9	116.0	-40	54.5
10780	6.4	115.5	-39	53.2
10790	6.0	114.9	-38	50.8
10800	6.0	114.3	-38	65.7
10810	6.0	113.7	-37	69.2
10820	6.2	113.1	-37	72.1
10830	6.0	112.4	-36	76.1
10840	6.4	111.6	-35	79.6
10850	6.8	110.9	-34	75.6
10860	6.1	110.2	-34	71.0
10870	5.8	109.3	-33	74.0
10880	6.1	108.5	-32	85.1
10890	6.2	107.6	-31	88.1
10900	5.6	106.7	-30	91.3
10910	5.3	105.7	-29	94.5
10920	5.7	104.8	-28	97.1
10930	5.4	103.8	-27	100.0
10940	6.1	102.8	-26	103.0
10950	5.7	101.7	-25	105.9
10960	5.8	100.6	-24	109.1
10970	5.8	99.5	-23	111.8
10980	5.7	98.4	-22	115.2
10990	5.3	97.2	-21	117.9
11000	5.0	96.0	-20	120.5
11010	5.0	94.8	-18	123.2
11020	5.2	93.5	-17	125.3
11030	4.9	92.2	-16	127.7
11040	4.3	90.9	-14	130.4
11050	4.5	89.6	-13	132.5
11060	5.4	88.3	-12	134.4
11070	4.1	86.9	-10	137.1
11080	3.5	85.5	-9	138.9
11090	3.8	84.1	-8	140.8
11100	3.5	82.7	-6	142.1
11110	3.0	81.3	-5	143.4
11120	3.3	79.8	-3	144.8
11130	3.1	78.4	-2	146.1
11140	2.0	76.9	0	146.9
11150	2.4	75.4	1	147.7
11160	3.4	74.0	2	131.7
11170	14.4	72.7	4	119.8
11180	15.6	71.4	5	127.5
11190	9.6	70.4	6	101.6
11200	8.0	69.5	7	89.1
11210	8.1	68.7	8	78.5
11220	7.5	68.0	8	61.7
11230	5.8	67.4	9	60.6
11240	2.6	66.8	10	53.2
11250	0.4	66.3	10	46.3
11260	0.0	65.9	11	40.7
11270	0.0	65.5	11	32.2
11280	-0.1	65.2	11	31.4

11290	-1.1	64.9	12	24.7
11300	-14.6	64.7	12	23.1
11310	-6.1	64.5	12	18.1
11320	-2.2	64.4	12	13.0
11330	-9.2	64.2	12	9.5
11340	-11.3	64.2	12	5.5
11350	-8.7	64.2	12	-0.5
11360	-10.4	64.2	12	-3.1
11370	-11.4	64.3	12	-8.7
11380	-11.1	64.4	12	-13.3
11390	-11.4	64.6	12	-18.9
11400	-12.2	64.9	12	-24.7
11410	-12.2	65.2	11	-37.2
11420	-12.3	65.6	11	-40.4
11430	-13.2	66.0	10	-42.5
11440	-13.6	66.6	10	-60.1
11450	-13.2	67.1	9	-61.4
11460	-13.6	67.8	9	-61.7
11470	-13.8	68.5	8	-68.6
11480	-13.2	69.4	7	-76.6
11490	-12.7	70.3	6	-81.7
11500	-13.6	71.3	5	-107.2
11510	-12.6	72.3	4	-115.2
11520	-11.8	73.4	3	-122.1
11530	-12.2	74.5	2	-129.1
11540	-11.4	75.8	1	-123.7
11550	-11.0	77.1	-1	-129.9
11560	-11.1	78.4	-2	-135.7
11570	-10.4	79.8	-3	-141.8
11580	-9.1	81.3	-5	-147.4
11590	-8.4	82.8	-6	-152.2
11600	-8.3	84.3	-8	-156.5
11610	-7.3	85.9	-9	-160.5
11620	-7.5	87.6	-11	-164.5
11630	-7.2	89.2	-13	-167.9
11640	-5.4	90.9	-14	-171.7
11650	-5.6	92.7	-16	-173.8
11660	-4.7	94.4	-18	-176.2
11670	-5.2	96.2	-20	-178.3
11680	-4.3	98.0	-22	-180.2
11690	-2.3	99.8	-23	-182.0
11700	-2.4	101.6	-25	-182.6
11710	-2.3	103.5	-27	-182.8
11720	-2.2	105.3	-29	-183.6
11730	-2.0	107.1	-31	-184.2
11740	-1.6	109.0	-33	-184.2
11750	-11.7	110.6	-34	-164.2
11760	-22.6	112.1	-36	-139.5
11770	-18.2	113.3	-37	-119.2
11780	-7.2	114.4	-38	-109.9
11790	-7.2	115.2	-39	-85.1
11800	-9.1	116.0	-40	-72.1
11810	-7.7	116.6	-40	-55.1
11820	-3.5	117.2	-41	-51.9

11830	-0.3	117.6	-41	-43.6
11840	-0.3	118.0	-42	-40.7
11850	-0.1	118.4	-42	-31.4
11860	0.0	118.6	-42	-29.2
11870	0.0	118.9	-42	-22.6
11880	3.8	119.1	-43	-21.0
11890	10.2	119.2	-43	-14.6
11900	3.0	119.3	-43	-10.3
11910	0.1	119.4	-43	-7.7
11920	7.5	119.5	-43	-7.1
11930	7.5	119.5	-43	-2.6
11940	5.8	119.5	-43	1.3
11950	6.8	119.5	-43	3.4
11960	6.9	119.4	-43	7.4
11970	6.6	119.3	-43	11.4
11980	6.4	119.2	-43	14.3
11990	6.2	119.0	-43	19.1
12000	6.6	118.8	-42	23.1
12010	6.6	118.6	-42	26.6
12020	6.4	118.3	-42	31.1
12030	6.9	118.0	-42	35.1
12040	7.6	117.7	-41	39.1
12050	7.9	117.3	-41	43.6
12060	6.9	116.9	-40	43.9
12070	6.9	116.4	-40	42.8
12080	7.2	115.9	-39	56.4
12090	6.4	115.3	-39	60.6
12100	6.1	114.8	-38	58.5
12110	6.5	114.2	-38	55.6
12120	6.6	113.5	-37	58.5
12130	6.1	112.9	-36	61.4
12140	6.5	112.1	-36	71.8
12150	6.9	111.4	-35	82.5
12160	6.8	110.6	-34	86.2
12170	6.1	109.8	-33	90.2
12180	6.4	108.9	-32	93.7
12190	6.4	108.1	-32	88.3
12200	5.7	107.2	-31	91.8
12210	5.7	106.2	-30	95.3
12220	6.0	105.2	-29	98.2
12230	5.2	104.2	-28	101.1
12240	5.7	103.2	-27	103.8
12250	5.8	102.1	-26	106.4
12260	5.8	101.1	-25	109.6
12270	5.2	99.9	-23	112.3
12280	5.3	98.8	-22	115.0
12290	5.2	97.6	-21	117.6
12300	5.0	96.4	-20	120.3
12310	4.6	95.2	-19	122.9
12320	4.6	94.0	-18	124.5
12330	5.2	92.7	-16	126.9
12340	4.5	91.4	-15	129.1
12350	4.3	90.1	-14	131.5
12360	5.0	88.8	-12	133.6

12370	4.5	87.4	-11	136.0
12380	3.7	86.0	-10	137.6
12390	3.8	84.7	-8	139.5
12400	3.4	83.2	-7	141.0
12410	3.0	81.8	-5	142.4
12420	2.8	80.4	-4	143.7
12430	2.6	79.0	-3	144.5
12440	1.8	77.5	-1	145.6
12450	1.5	76.0	0	145.8
12460	1.2	74.6	2	145.6
12470	4.9	73.3	3	136.5
12480	14.4	72.0	4	108.6
12490	10.0	70.9	6	106.4
12500	4.9	69.9	7	93.1
12510	5.3	69.1	7	73.7
12520	5.3	68.3	8	72.1
12530	3.4	67.7	9	63.6
12540	1.6	67.1	9	61.2
12550	0.0	66.6	10	43.9
12560	0.0	66.2	10	43.1
12570	0.0	65.8	11	34.0
12580	-0.5	65.4	11	33.5
12590	-13.3	65.1	11	31.1
12600	-7.3	64.9	12	22.0
12610	-2.6	64.7	12	16.5
12620	-7.2	64.5	12	17.3
12630	-10.7	64.4	12	11.9
12640	-7.5	64.3	12	6.3
12650	-6.9	64.3	12	1.3
12660	-11.3	64.3	12	-0.7
12670	-10.7	64.4	12	-6.6
12680	-8.8	64.5	12	-11.9
12690	-9.9	64.6	12	-15.4
12700	-12.1	64.8	12	-20.2
12710	-11.1	65.1	11	-26.0
12720	-10.7	65.4	11	-31.6
12730	-12.2	65.9	11	-45.5
12740	-12.3	66.3	10	-47.9
12750	-12.1	66.8	10	-48.9
12760	-12.6	67.4	9	-60.9
12770	-13.3	68.1	8	-74.5
12780	-13.2	68.8	8	-74.8
12790	-12.3	69.6	7	-82.2
12800	-13.6	70.5	6	-79.6
12810	-13.6	71.4	5	-85.9
12820	-11.9	72.5	4	-113.4
12830	-12.3	73.6	3	-119.8
12840	-12.9	74.7	2	-127.5
12850	-11.5	75.9	1	-122.1
12860	-11.3	77.2	-1	-128.8
12870	-11.8	78.5	-2	-134.7
12880	-11.0	79.9	-3	-141.0
12890	-9.4	81.4	-5	-146.9
12900	-9.4	82.9	-6	-152.0

12910	-9.4	84.4	-8	-156.5
12920	-8.3	86.0	-10	-161.8
12930	-8.4	87.7	-11	-166.1
12940	-8.0	89.4	-13	-170.3
12950	-6.0	91.1	-15	-174.3
12960	-6.1	92.9	-16	-177.0
12970	-5.2	94.7	-18	-179.4
12980	-5.0	96.5	-20	-182.0
12990	-3.9	98.3	-22	-183.9
13000	-2.2	100.2	-24	-185.2
13010	-2.3	102.0	-26	-186.0
13020	-2.0	103.9	-27	-186.0
13030	-1.8	105.7	-29	-186.3
13040	-1.6	107.6	-31	-187.1
13050	-1.5	109.5	-33	-184.7
13060	-13.6	111.0	-35	-159.2
13070	-23.6	112.5	-36	-149.0
13080	-16.0	113.7	-37	-115.0
13090	-4.2	114.7	-38	-105.4
13100	-7.3	115.5	-39	-81.4
13110	-7.2	116.3	-40	-75.6
13120	-3.9	116.9	-40	-58.3
13130	-0.7	117.4	-41	-53.7
13140	0.0	117.8	-41	-41.5
13150	0.0	118.2	-42	-34.8
13160	0.0	118.5	-42	-26.3
13170	5.6	118.7	-42	-24.7
13180	11.7	118.9	-42	-16.5
13190	3.8	119.1	-43	-12.5
13200	1.2	119.2	-43	-9.5
13210	8.5	119.3	-43	-9.0
13220	6.8	119.3	-43	-3.7
13230	5.3	119.3	-43	0.0
13240	10.2	119.3	-43	1.0
13250	8.1	119.3	-43	6.9
13260	7.3	119.2	-43	11.4
13270	8.5	119.1	-43	15.9
13280	8.5	118.9	-42	21.0
13290	8.3	118.7	-42	23.6
13300	8.0	118.4	-42	25.5
13310	7.7	118.1	-42	35.9
13320	8.0	117.7	-41	36.7
13330	8.7	117.3	-41	41.2
13340	8.4	116.9	-40	41.2
13350	8.4	116.4	-40	45.2
13360	8.5	115.8	-39	60.4
13370	8.3	115.2	-39	65.4
13380	8.1	114.6	-38	70.2
13390	7.9	113.9	-37	75.0
13400	7.5	113.2	-37	79.6
13410	6.8	112.5	-36	84.1
13420	6.9	111.7	-35	88.1
13430	7.5	110.9	-34	75.3
13440	6.6	110.0	-34	78.5

13450	6.5	109.1	-33	81.7
13460	7.7	108.2	-32	93.9
13470	7.7	107.2	-31	98.2
13480	6.5	106.2	-30	102.2
13490	6.5	105.1	-29	105.6
13500	6.4	104.0	-28	109.1
13510	6.5	102.9	-26	112.3
13520	6.5	101.8	-25	115.5
13530	6.0	100.6	-24	119.0
13540	5.7	99.4	-23	121.9
13550	6.5	98.1	-22	125.1
13560	6.6	96.9	-20	128.3
13570	5.7	95.6	-19	131.5
13580	5.7	94.2	-18	134.4
13590	6.0	92.9	-16	137.1
13600	5.2	91.5	-15	140.0
13610	4.7	90.0	-14	142.4
13620	5.3	88.6	-12	144.5
13630	4.5	87.1	-11	146.9
13640	3.5	85.7	-9	149.0
13650	3.8	84.2	-8	150.4
13660	4.1	82.6	-6	152.0
13670	3.3	81.1	-5	153.8
13680	3.5	79.6	-3	154.9
13690	3.1	78.0	-2	156.2
13700	1.6	76.4	0	157.0
13710	1.5	74.9	2	157.8
13720	3.5	73.4	3	134.7
13730	15.9	72.0	4	144.8
13740	12.5	70.8	6	115.0
13750	5.4	69.8	7	99.8
13760	5.2	68.9	8	93.4
13770	5.6	68.1	8	75.3
13780	3.4	67.5	9	65.7
13790	1.5	66.9	10	56.9
13800	0.0	66.3	10	54.0
13810	0.0	65.9	11	42.8
13820	-0.3	65.5	11	37.5
13830	-6.2	65.2	11	35.4
13840	-12.6	64.9	12	25.8
13850	-6.1	64.7	12	21.5
13860	-2.6	64.5	12	16.2
13870	-10.3	64.4	12	11.9
13880	-10.2	64.3	12	7.7
13890	-6.5	64.3	12	2.1
13900	-8.5	64.3	12	-1.0
13910	-12.2	64.3	12	-4.2
13920	-8.8	64.4	12	-9.5
13930	-8.0	64.5	12	-13.8
13940	-12.1	64.7	12	-18.1
13950	-11.3	65.0	11	-26.0
13960	-9.6	65.3	11	-35.9
13970	-11.1	65.6	11	-37.8
13980	-12.5	66.1	10	-39.6

13990	-10.7	66.5	10	-50.8
14000	-10.6	67.1	9	-62.2
14010	-12.2	67.7	9	-62.0
14020	-12.1	68.4	8	-75.3
14030	-10.8	69.1	7	-82.7
14040	-11.3	69.9	7	-80.9
14050	-12.7	70.8	6	-78.0
14060	-11.5	71.7	5	-103.0
14070	-10.8	72.7	4	-109.4
14080	-11.7	73.7	3	-115.8
14090	-11.4	74.8	2	-122.9
14100	-10.3	76.0	0	-117.6
14110	-10.7	77.2	-1	-123.5
14120	-11.3	78.5	-2	-129.1
14130	-10.2	79.8	-3	-135.2
14140	-9.4	81.2	-5	-140.2
14150	-9.6	82.7	-6	-145.6
14160	-9.6	84.2	-8	-150.4
14170	-8.5	85.7	-9	-155.7
14180	-9.6	87.3	-11	-160.0
14190	-8.8	88.9	-12	-165.0
14200	-7.7	90.6	-14	-169.3
14210	-7.9	92.3	-16	-173.0
14220	-7.1	94.1	-18	-177.0
14230	-8.1	95.9	-19	-180.4
14240	-7.2	97.7	-21	-183.9
14250	-4.7	99.6	-23	-186.8
14260	-5.6	101.5	-25	-189.8
14270	-5.4	103.4	-27	-191.4
14280	-5.4	105.3	-29	-193.8
14290	-4.9	107.3	-31	-196.2
14300	-3.9	109.2	-33	-177.5
14310	-22.0	111.0	-35	-154.4
14320	-30.4	112.5	-36	-145.6
14330	-21.4	113.8	-37	-109.6
14340	-12.5	114.8	-38	-101.1
14350	-15.1	115.7	-39	-84.9
14360	-14.2	116.5	-40	-64.1
14370	-10.7	117.1	-41	-59.6
14380	-9.4	117.6	-41	-44.4
14390	-7.1	118.1	-42	-45.5
14400	-4.2	118.4	-42	-34.6
14410	-2.3	118.7	-42	-26.3
14420	-2.3	119.0	-43	-26.6
14430	-0.9	119.2	-43	-20.4
14440	-0.3	119.4	-43	-18.6
14450	-0.1	119.5	-43	-14.1
14460	0.0	119.6	-43	-10.9
14470	0.0	119.7	-43	-9.8
14480	0.0	119.8	-43	-7.4
14490	0.9	119.9	-43	-7.9
14500	11.8	120.0	-44	-5.0
14510	8.1	120.0	-44	1.3
14520	3.5	119.9	-43	4.5

14530	4.3	119.9	-43	6.9
14540	8.0	119.8	-43	9.3
14550	6.8	119.7	-43	14.3
14560	5.0	119.5	-43	18.1
14570	6.2	119.3	-43	21.2
14580	6.5	119.1	-43	22.6
14590	5.7	118.9	-42	23.4
14600	5.6	118.6	-42	32.2
14610	6.5	118.3	-42	34.8
14620	6.6	117.9	-41	39.4
14630	6.4	117.5	-41	43.3
14640	6.8	117.1	-41	47.3
14650	6.6	116.6	-40	51.3
14660	6.6	116.2	-40	50.0
14670	6.5	115.6	-39	48.4
14680	6.4	115.0	-39	63.0
14690	6.2	114.5	-38	66.5
14700	6.5	113.8	-37	70.2
14710	6.5	113.2	-37	72.9
14720	6.5	112.5	-36	77.7
14730	6.9	111.7	-35	81.4
14740	7.1	111.0	-35	85.4
14750	6.6	110.1	-34	89.1
14760	6.5	109.3	-33	93.1
14770	6.5	108.4	-32	96.9
14780	6.9	107.5	-31	91.3
14790	6.2	106.6	-30	95.3
14800	6.1	105.6	-29	98.5
14810	6.1	104.6	-28	101.6
14820	6.2	103.6	-27	104.8
14830	6.5	102.5	-26	108.0
14840	6.5	101.4	-25	111.5
14850	6.0	100.2	-24	114.7
14860	6.4	99.1	-23	117.9
14870	6.2	97.9	-21	121.1
14880	5.8	96.6	-20	124.3
14890	4.9	95.4	-19	127.2
14900	5.4	94.1	-18	129.6
14910	6.0	92.8	-16	132.3
14920	5.2	91.4	-15	134.9
14930	4.6	90.0	-14	137.3
14940	5.7	88.6	-12	139.7
14950	5.4	87.2	-11	142.4
14960	4.6	85.8	-9	145.0
14970	4.2	84.3	-8	147.2
14980	4.5	82.8	-6	148.8
14990	3.9	81.3	-5	150.6
15000	3.9	79.8	-3	152.5
15010	3.8	78.3	-2	154.1
15020	2.4	76.7	0	155.4
15030	3.0	75.2	1	156.2
15040	5.0	73.7	3	137.3
15050	17.6	72.2	4	148.0
15060	17.1	71.1	5	117.6

15070	10.0	70.0	6	102.2
15080	8.8	69.1	7	97.4
15090	9.1	68.3	8	77.2
15100	7.9	67.6	9	67.6
15110	5.4	67.0	9	58.8
15120	2.4	66.5	10	50.8
15130	0.1	66.0	10	48.4
15140	0.0	65.6	11	38.3
15150	0.0	65.3	11	33.2
15160	-0.1	65.0	11	26.3
15170	-1.4	64.7	12	25.5
15180	-12.9	64.5	12	22.6
15190	-5.7	64.3	12	14.3
15200	-1.8	64.2	12	10.3
15210	-8.9	64.1	12	9.5
15220	-10.3	64.0	12	3.9
15230	-6.8	64.0	12	-1.3
15240	-9.8	64.1	12	-2.9
15250	-10.7	64.1	12	-7.1
15260	-8.7	64.2	12	-12.2
15270	-9.6	64.4	12	-17.0
15280	-11.5	64.7	12	-26.3
15290	-11.0	64.9	12	-29.8
15300	-10.7	65.3	11	-32.2
15310	-11.9	65.7	11	-46.3
15320	-12.5	66.1	10	-48.4
15330	-12.1	66.7	10	-49.7
15340	-12.1	67.3	9	-67.8
15350	-12.7	67.9	9	-67.8
15360	-12.5	68.7	8	-67.3
15370	-11.7	69.5	7	-73.4
15380	-12.3	70.3	6	-79.0
15390	-12.7	71.2	5	-84.9
15400	-11.9	72.2	4	-91.8
15410	-11.7	73.3	3	-96.3
15420	-12.5	74.4	2	-101.9
15430	-11.3	75.7	1	-119.8
15440	-11.0	76.9	0	-125.9
15450	-11.5	78.2	-2	-132.0
15460	-10.7	79.6	-3	-138.1
15470	-9.4	81.0	-5	-144.0
15480	-9.2	82.5	-6	-149.0
15490	-9.2	84.0	-8	-153.6
15500	-8.3	85.6	-9	-158.6
15510	-9.2	87.2	-11	-162.6
15520	-8.7	88.8	-12	-167.4
15530	-7.5	90.6	-14	-171.7
15540	-6.9	92.3	-16	-175.4
15550	-6.5	94.1	-18	-178.6
15560	-8.0	95.9	-19	-181.8
15570	-6.4	97.7	-21	-185.2
15580	-4.1	99.6	-23	-187.9
15590	-5.2	101.5	-25	-190.0
15600	-5.2	103.4	-27	-191.9

15610	-5.2	105.4	-29	-194.0
15620	-5.0	107.3	-31	-195.9
15630	-4.3	109.2	-33	-177.5
15640	-23.3	111.1	-35	-188.7
15650	-30.5	112.5	-36	-145.3
15660	-21.7	113.8	-37	-121.6
15670	-12.3	114.8	-38	-90.5
15680	-14.9	115.7	-39	-84.6
15690	-14.8	116.5	-40	-71.3
15700	-10.2	117.1	-41	-53.2
15710	-8.7	117.6	-41	-49.5
15720	-7.3	118.0	-42	-37.0
15730	-4.3	118.4	-42	-37.8
15740	-2.2	118.7	-42	-28.4
15750	-1.9	119.0	-43	-26.3
15760	-1.1	119.2	-43	-20.2
15770	-0.7	119.3	-43	-18.6
15780	-0.7	119.5	-43	-15.4
15790	0.0	119.6	-43	-11.9
15800	0.0	119.7	-43	-8.7
15810	0.0	119.8	-43	-9.0
15820	0.5	119.9	-43	-6.9
15830	3.1	119.9	-43	-5.3
15840	14.8	120.0	-44	-1.3
15850	6.1	119.9	-43	3.1
15860	1.4	119.9	-43	6.3
15870	8.5	119.8	-43	7.4
15880	7.2	119.7	-43	12.2
15890	5.3	119.5	-43	16.2
15900	6.1	119.3	-43	17.3
15910	6.9	119.1	-43	22.3
15920	6.5	118.9	-42	29.0
15930	7.1	118.6	-42	30.0
15940	7.9	118.3	-42	30.6
15950	7.3	117.9	-41	34.0
15960	8.4	117.5	-41	46.5
15970	8.8	117.0	-41	46.5
15980	8.5	116.5	-40	46.0
15990	8.7	115.9	-39	61.4
16000	8.4	115.4	-39	60.4
16010	8.4	114.7	-38	58.5
16020	8.3	114.1	-38	63.0
16030	8.8	113.3	-37	66.5
16040	8.4	112.6	-36	70.5
16050	8.9	111.7	-35	75.8
16060	9.5	110.9	-34	78.8
16070	8.4	110.0	-34	83.5
16080	8.0	109.0	-33	87.3
16090	8.4	108.0	-32	101.1
16100	8.3	106.9	-30	105.4
16110	7.1	105.8	-29	110.2
16120	6.6	104.7	-28	113.9
16130	6.6	103.5	-27	117.4
16140	7.2	102.3	-26	120.8

16150	7.1	101.1	-25	124.5
16160	6.1	99.8	-23	127.7
16170	6.5	98.5	-22	130.9
16180	6.6	97.2	-21	134.4
16190	5.8	95.8	-19	137.6
16200	5.4	94.4	-18	140.5
16210	6.0	93.0	-17	143.2
16220	5.4	91.5	-15	145.8
16230	4.7	90.1	-14	148.5
16240	5.6	88.6	-12	150.6
16250	4.9	87.0	-11	153.3
16260	4.1	85.5	-9	155.4
16270	4.3	83.9	-7	157.3
16280	4.1	82.3	-6	159.2
16290	3.7	80.7	-4	160.7
16300	3.5	79.1	-3	162.1
16310	2.6	77.5	-1	163.4
16320	1.9	75.8	1	164.5
16330	1.8	74.3	2	148.0
16340	13.3	72.7	4	160.2
16350	18.2	71.4	5	129.1
16360	11.3	70.2	6	122.1
16370	6.5	69.2	7	96.1
16380	7.5	68.4	8	83.0
16390	7.5	67.6	9	72.1
16400	5.0	67.0	9	55.9
16410	2.6	66.4	10	53.5
16420	0.1	65.9	11	46.3
16430	0.0	65.5	11	40.1
16440	0.0	65.2	11	31.1
16450	-0.1	64.8	12	30.0
16460	-3.8	64.6	12	28.4
16470	-11.4	64.4	12	20.7
16480	-3.9	64.2	12	16.5
16490	-1.5	64.1	12	13.0
16500	-9.4	63.9	13	11.7
16510	-8.1	63.9	13	5.8
16520	-5.3	63.8	13	1.0
16530	-8.5	63.9	13	-0.7
16540	-10.4	63.9	13	-4.5
16550	-7.1	64.0	12	-11.1
16560	-8.1	64.1	12	-15.1
16570	-11.0	64.3	12	-20.4
16580	-9.2	64.5	12	-24.2
16590	-9.2	64.8	12	-26.3
16600	-11.1	65.1	11	-37.8
16610	-11.0	65.5	11	-43.9
16620	-10.2	66.0	10	-51.3
16630	-11.1	66.5	10	-52.4
16640	-12.3	67.0	9	-52.4
16650	-11.0	67.7	9	-70.8
16660	-11.3	68.4	8	-77.7
16670	-11.8	69.1	7	-76.9
16680	-11.3	69.9	7	-74.5

16690	-11.5	70.8	6	-79.8
16700	-11.4	71.7	5	-85.4
16710	-11.0	72.7	4	-90.7
16720	-11.0	73.8	3	-97.4
16730	-11.0	74.9	2	-101.1
16740	-10.8	76.1	0	-117.9
16750	-10.6	77.3	-1	-124.0
16760	-10.7	78.6	-2	-129.9
16770	-10.6	79.9	-3	-135.5
16780	-9.8	81.3	-5	-141.0
16790	-9.5	82.8	-6	-146.4
16800	-9.6	84.3	-8	-151.2
16810	-8.9	85.8	-9	-156.2
16820	-9.9	87.4	-11	-160.7
16830	-9.2	89.1	-13	-165.8
16840	-8.1	90.8	-14	-170.6
16850	-8.5	92.5	-16	-174.6
16860	-7.7	94.3	-18	-178.6
16870	-8.7	96.1	-20	-182.8
16880	-7.7	98.0	-22	-186.6
16890	-5.3	99.9	-23	-190.0
16900	-6.1	101.8	-25	-193.0
16910	-5.7	103.7	-27	-195.6
16920	-6.0	105.7	-29	-197.8
16930	-5.4	107.7	-31	-200.4
16940	-5.2	109.7	-33	-218.3
16950	-25.9	111.4	-35	-169.3
16960	-31.3	112.9	-36	-142.1
16970	-16.5	114.1	-38	-105.9
16980	-12.5	115.1	-39	-97.7
16990	-14.1	116.0	-40	-89.4
17000	-11.8	116.7	-40	-68.1
17010	-7.5	117.3	-41	-62.0
17020	-5.7	117.8	-41	-46.8
17030	-2.2	118.2	-42	-42.5
17040	0.0	118.5	-42	-32.2
17050	0.0	118.8	-42	-29.5
17060	0.0	119.0	-43	-22.3
17070	0.0	119.3	-43	-20.4
17080	1.6	119.4	-43	-15.7
17090	11.1	119.5	-43	-10.3
17100	4.1	119.6	-43	-6.6
17110	0.1	119.7	-43	-3.4
17120	8.0	119.7	-43	-2.3
17130	8.0	119.7	-43	1.5
17140	7.3	119.6	-43	4.5
17150	6.9	119.6	-43	8.7
17160	7.7	119.5	-43	11.7
17170	8.4	119.3	-43	14.6
17180	7.9	119.1	-43	18.3
17190	7.6	118.9	-42	22.3
17200	7.7	118.6	-42	31.6
17210	8.1	118.3	-42	36.4
17220	7.7	117.9	-41	40.9

17230	8.1	117.5	-41	46.3
17240	9.2	117.0	-41	51.3
17250	9.2	116.5	-40	56.7
17260	9.2	116.0	-40	56.4
17270	9.6	115.4	-39	55.3
17280	9.8	114.8	-38	59.9
17290	9.2	114.1	-38	65.4
17300	9.2	113.3	-37	68.9
17310	8.9	112.5	-36	73.2
17320	8.8	111.7	-35	78.8
17330	9.2	110.8	-34	81.7
17340	8.8	109.8	-33	85.9
17350	8.7	108.8	-32	90.5
17360	9.4	107.7	-31	105.1
17370	8.8	106.6	-30	109.9
17380	8.5	105.5	-29	114.7
17390	7.9	104.3	-28	119.2
17400	7.9	103.1	-27	123.5
17410	7.9	101.8	-25	127.2
17420	7.9	100.5	-24	131.7
17430	7.2	99.2	-23	135.5
17440	7.6	97.8	-21	138.9
17450	7.3	96.4	-20	142.6
17460	6.4	94.9	-18	146.6
17470	6.8	93.4	-17	149.6
17480	6.9	91.9	-15	153.0
17490	5.8	90.4	-14	156.2
17500	6.1	88.8	-12	159.2
17510	6.1	87.2	-11	161.8
17520	4.7	85.5	-9	164.7
17530	4.3	83.9	-7	166.9
17540	5.0	82.2	-6	169.0
17550	4.5	80.5	-4	170.9
17560	4.2	78.7	-2	172.7
17570	2.8	77.0	-1	174.3
17580	2.3	75.2	1	175.4
17590	3.9	73.5	3	188.2
17600	18.3	72.1	4	149.3
17610	18.0	70.7	6	140.5
17620	9.1	69.6	7	109.4
17630	7.2	68.6	8	92.9
17640	8.1	67.8	9	79.8
17650	6.8	67.0	9	75.0
17660	4.2	66.5	10	58.3
17670	1.1	65.9	11	49.7
17680	-0.1	65.5	11	42.5
17690	0.0	65.1	11	36.4
17700	-0.1	64.8	12	27.9
17710	-2.4	64.5	12	26.6
17720	-12.7	64.3	12	21.0
17730	-5.2	64.1	12	13.3
17740	-1.1	64.0	12	13.5
17750	-9.2	63.9	13	10.1
17760	-8.4	63.8	13	6.1

17770	-4.2	63.8	13	0.7
17780	-8.7	63.8	13	-0.2
17790	-9.9	63.8	13	-4.5
17800	-6.2	63.9	13	-11.1
17810	-8.3	64.1	12	-14.9
17820	-11.7	64.2	12	-19.9
17830	-8.3	64.5	12	-26.6
17840	-8.9	64.7	12	-28.7
17850	-11.8	65.0	11	-30.3
17860	-10.7	65.5	11	-43.9
17870	-9.4	65.9	11	-45.7
17880	-11.1	66.4	10	-46.0
17890	-11.8	67.0	9	-62.8
17900	-10.0	67.5	9	-63.0
17910	-10.8	68.2	8	-62.0
17920	-11.9	69.0	7	-82.2
17930	-10.6	69.8	7	-88.9
17940	-10.7	70.6	6	-86.5
17950	-11.5	71.5	5	-82.7
17960	-11.1	72.5	4	-108.0
17970	-10.2	73.5	3	-114.2
17980	-11.0	74.6	2	-120.3
17990	-10.6	75.8	1	-115.0
18000	-9.9	76.9	0	-120.5
18010	-10.3	78.2	-2	-126.1
18020	-10.0	79.5	-3	-131.5
18030	-9.1	80.8	-4	-136.5
18040	-8.5	82.3	-6	-141.3
18050	-8.9	83.7	-7	-146.1
18060	-8.8	85.2	-9	-150.4
18070	-8.5	86.7	-10	-154.9
18080	-7.9	88.3	-12	-159.4
18090	-8.4	89.9	-13	-163.4
18100	-6.9	91.6	-15	-167.7
18110	-7.1	93.3	-17	-171.1
18120	-7.7	95.0	-19	-174.1
18130	-6.4	96.8	-20	-178.1
18140	-6.1	98.6	-22	-181.2
18150	-5.3	100.5	-24	-183.6
18160	-5.3	102.3	-26	-186.0
18170	-4.9	104.2	-28	-188.4
18180	-4.6	106.1	-30	-190.6
18190	-5.2	108.0	-32	-193.0
18200	-5.7	109.8	-33	-168.2
18210	-26.2	111.5	-35	-158.9
18220	-28.7	112.9	-36	-120.8
18230	-14.2	114.1	-38	-112.6
18240	-13.8	115.1	-39	-84.6
18250	-16.1	115.9	-39	-79.6
18260	-12.9	116.6	-40	-66.8
18270	-8.8	117.2	-41	-50.3
18280	-8.5	117.7	-41	-51.3
18290	-5.7	118.1	-42	-39.4
18300	-2.6	118.4	-42	-30.0

18310	-1.4	118.7	-42	-30.0
18320	-0.9	119.0	-43	-23.1
18330	0.0	119.2	-43	-17.3
18340	0.0	119.3	-43	-16.5
18350	-0.1	119.5	-43	-12.2
18360	0.0	119.6	-43	-12.7
18370	0.3	119.7	-43	-9.8
18380	5.3	119.8	-43	-6.9
18390	11.8	119.8	-43	-3.7
18400	5.6	119.8	-43	1.8
18410	4.6	119.8	-43	3.7
18420	9.5	119.7	-43	6.6
18430	7.1	119.6	-43	13.5
18440	8.1	119.5	-43	17.8
18450	7.9	119.3	-43	20.7
18460	7.9	119.0	-43	24.7
18470	7.6	118.8	-42	26.3
18480	7.3	118.4	-42	36.4
18490	7.5	118.1	-42	37.2
18500	7.7	117.7	-41	37.2
18510	8.7	117.2	-41	40.7
18520	8.8	116.7	-40	45.7
18530	8.8	116.2	-40	49.2
18540	9.2	115.6	-39	53.5
18550	8.8	115.0	-39	70.8
18560	8.4	114.3	-38	69.2
18570	8.3	113.6	-37	66.0
18580	8.0	112.8	-36	70.0
18590	8.1	112.0	-36	74.0
18600	8.4	111.1	-35	78.0
18610	8.9	110.3	-34	81.7
18620	9.2	109.3	-33	86.2
18630	9.1	108.3	-32	100.6
18640	9.6	107.2	-31	105.4
18650	8.8	106.1	-30	110.7
18660	8.1	105.0	-29	115.2
18670	7.5	103.8	-27	119.8
18680	7.7	102.6	-26	124.0
18690	7.9	101.3	-25	127.7
18700	6.8	100.0	-24	131.7
18710	7.2	98.6	-22	135.5
18720	7.5	97.3	-21	138.9
18730	6.5	95.8	-19	142.9
18740	6.5	94.4	-18	146.4
18750	7.1	92.9	-16	149.6
18760	6.5	91.4	-15	153.0
18770	5.8	89.8	-13	156.0
18780	6.5	88.2	-12	158.9
18790	5.7	86.6	-10	162.1
18800	5.0	85.0	-9	164.7
18810	4.9	83.3	-7	166.6
18820	4.7	81.6	-5	169.0
18830	4.9	79.9	-3	171.1
18840	4.5	78.2	-2	173.3

18850	2.8	76.5	0	174.9
18860	3.3	74.8	2	158.4
18870	10.2	73.1	3	148.2
18880	21.3	71.5	5	156.8
18890	16.7	70.3	6	122.4
18900	8.8	69.3	7	104.0
18910	8.7	68.3	8	88.6
18920	9.2	67.5	9	68.1
18930	7.3	66.9	10	65.2
18940	5.0	66.3	10	55.3
18950	2.2	65.8	11	47.3
18960	0.3	65.4	11	40.1
18970	0.1	65.0	11	30.8
18980	0.0	64.7	12	29.8
18990	0.0	64.4	12	25.5
19000	-0.1	64.2	12	19.4
19010	-1.1	64.0	12	18.6
19020	-10.6	63.9	13	15.9
19030	-3.7	63.8	13	9.5
19040	-0.5	63.7	13	7.1
19050	-6.8	63.6	13	6.6
19060	-7.2	63.6	13	2.3
19070	-4.2	63.6	13	-0.7
19080	-7.5	63.6	13	-1.5
19090	-7.2	63.6	13	-5.5
19100	-5.8	63.7	13	-8.5
19110	-7.7	63.8	13	-11.9
19120	-8.4	64.0	12	-15.7
19130	-8.4	64.2	12	-19.4
19140	-8.9	64.5	12	-28.7
19150	-10.3	64.8	12	-30.8
19160	-10.2	65.1	11	-32.7
19170	-9.8	65.5	11	-38.3
19180	-10.4	66.0	10	-42.8
19190	-11.1	66.5	10	-58.5
19200	-10.6	67.1	9	-59.1
19210	-10.4	67.7	9	-58.0
19220	-10.8	68.4	8	-77.2
19230	-10.7	69.2	7	-83.8
19240	-10.2	70.0	6	-89.9
19250	-11.4	70.8	6	-94.7
19260	-10.8	71.7	5	-102.7
19270	-9.8	72.7	4	-108.6
19280	-10.3	73.7	3	-114.2
19290	-10.2	74.8	2	-120.5
19300	-9.5	76.0	0	-114.7
19310	-9.6	77.2	-1	-120.0
19320	-10.2	78.4	-2	-125.1
19330	-9.4	79.7	-3	-130.4
19340	-8.4	81.0	-5	-135.5
19350	-8.8	82.4	-6	-140.2
19360	-8.8	83.9	-7	-144.5
19370	-8.4	85.3	-9	-149.3
19380	-8.8	86.9	-10	-153.6

19390	-8.0	88.4	-12	-157.8
19400	-8.3	90.0	-14	-161.8
19410	-6.9	91.7	-15	-165.8
19420	-7.2	93.4	-17	-169.5
19430	-8.1	95.1	-19	-173.0
19440	-6.8	96.8	-20	-176.7
19450	-6.6	98.6	-22	-180.2
19460	-5.7	100.5	-24	-183.1
19470	-6.0	102.3	-26	-186.0
19480	-5.7	104.2	-28	-188.7
19490	-5.6	106.1	-30	-191.4
19500	-6.2	108.0	-32	-194.0
19510	-8.0	109.9	-33	-168.7
19520	-27.4	111.5	-35	-160.2
19530	-30.4	113.0	-37	-121.1
19540	-15.6	114.1	-38	-112.8
19550	-15.3	115.2	-39	-93.1
19560	-17.8	115.9	-39	-79.3
19570	-14.2	116.6	-40	-66.5
19580	-8.9	117.2	-41	-49.5
19590	-9.2	117.7	-41	-50.8
19600	-6.9	118.1	-42	-38.8
19610	-3.3	118.5	-42	-29.0
19620	-1.1	118.7	-42	-26.8
19630	-0.8	119.0	-43	-20.2
19640	-0.1	119.2	-43	-18.9
19650	0.0	119.3	-43	-14.3
19660	0.0	119.5	-43	-14.9
19670	0.0	119.6	-43	-11.4
19680	0.8	119.7	-43	-10.3
19690	11.5	119.8	-43	-6.9
19700	8.0	119.8	-43	-1.3
19710	4.5	119.8	-43	1.3
19720	5.7	119.8	-43	3.4
19730	8.4	119.7	-43	6.3
19740	7.1	119.6	-43	10.3
19750	7.2	119.5	-43	13.5
19760	7.7	119.3	-43	17.3
19770	6.6	119.0	-43	25.2
19780	6.9	118.8	-42	26.8
19790	6.9	118.5	-42	27.6
19800	6.8	118.2	-42	30.8
19810	7.9	117.8	-41	42.0
19820	8.5	117.4	-41	42.3
19830	8.5	116.9	-40	42.0
19840	8.9	116.4	-40	46.5
19850	9.2	115.8	-39	61.7
19860	8.7	115.3	-39	61.2
19870	8.5	114.6	-38	59.3
19880	8.0	113.9	-37	63.3
19890	7.7	113.2	-37	67.0
19900	7.7	112.4	-36	70.8
19910	7.9	111.6	-35	74.5
19920	8.0	110.8	-34	78.2

19930	7.9	109.9	-33	81.9
19940	7.9	108.9	-32	85.7
19950	8.0	107.9	-31	99.3
19960	7.6	106.9	-30	103.5
19970	6.5	105.8	-29	107.8
19980	6.4	104.7	-28	111.0
19990	6.2	103.5	-27	114.2
20000	6.1	102.4	-26	117.6
20010	6.0	101.2	-25	120.8
20020	5.4	100.0	-24	123.7
20030	6.2	98.7	-22	126.4
20040	6.2	97.4	-21	129.6
20050	5.7	96.1	-20	132.5
20060	5.2	94.7	-18	135.5
20070	5.6	93.4	-17	138.1
20080	5.4	92.0	-16	140.5
20090	4.5	90.5	-14	143.2
20100	4.7	89.1	-13	145.3
20110	5.4	87.6	-11	147.7
20120	4.5	86.1	-10	149.8
20130	4.2	84.6	-8	152.0
20140	4.1	83.1	-7	153.8
20150	3.9	81.5	-5	155.4
20160	4.2	79.9	-3	157.3
20170	3.5	78.4	-2	158.9
20180	2.3	76.8	0	160.0
20190	2.6	75.2	1	160.7
20200	4.3	73.6	3	140.5
20210	17.2	72.2	4	151.2
20220	16.1	71.0	5	120.0
20230	9.8	69.9	7	104.0
20240	8.0	68.9	8	98.5
20250	9.1	68.2	8	70.0
20260	8.5	67.5	9	68.1
20270	6.6	66.8	10	59.1
20280	3.8	66.3	10	50.8
20290	1.6	65.8	11	48.4
20300	0.8	65.5	11	38.3
20310	0.3	65.1	11	33.2
20320	0.0	64.8	12	31.6
20330	0.0	64.6	12	25.0
20340	-0.1	64.3	12	23.9
20350	-0.8	64.1	12	18.6
20360	-10.3	64.0	12	15.7
20370	-4.2	63.8	13	9.5
20380	-0.5	63.8	13	9.3
20390	-6.9	63.7	13	7.7
20400	-8.0	63.6	13	3.7
20410	-4.6	63.6	13	-1.0
20420	-8.5	63.6	13	-2.1
20430	-8.4	63.7	13	-7.4
20440	-6.6	63.8	13	-11.9
20450	-8.7	63.9	13	-16.5
20460	-9.9	64.1	12	-19.1

20470	-9.1	64.3	12	-24.4
20480	-9.4	64.6	12	-26.3
20490	-11.1	65.0	11	-37.8
20500	-11.0	65.3	11	-40.1
20510	-10.3	65.8	11	-41.5
20520	-11.3	66.3	10	-57.5
20530	-11.7	66.9	10	-58.0
20540	-10.8	67.5	9	-57.7
20550	-10.7	68.2	8	-63.0
20560	-11.3	69.0	7	-83.5
20570	-10.7	69.8	7	-90.2
20580	-10.7	70.6	6	-96.3
20590	-10.8	71.5	5	-93.1
20600	-10.8	72.5	4	-89.1
20610	-10.6	73.5	3	-93.9
20620	-10.8	74.6	2	-99.3
20630	-10.4	75.8	1	-115.5
20640	-10.2	77.0	-1	-121.3
20650	-10.7	78.2	-2	-126.7
20660	-10.2	79.5	-3	-132.3
20670	-9.6	80.9	-4	-137.6
20680	-9.4	82.3	-6	-142.9
20690	-9.9	83.8	-7	-147.7
20700	-9.8	85.3	-9	-153.0
20710	-10.2	86.9	-10	-157.8
20720	-9.4	88.5	-12	-163.1
20730	-9.5	90.2	-14	-167.9
20740	-8.3	91.9	-15	-172.7
20750	-8.0	93.6	-17	-177.3
20760	-9.6	95.4	-19	-181.0
20770	-8.3	97.3	-21	-185.8
20780	-6.8	99.2	-23	-189.5
20790	-7.1	101.1	-25	-193.0
20800	-6.9	103.1	-27	-195.9
20810	-6.6	105.0	-29	-199.4
20820	-6.0	107.1	-31	-202.3
20830	-4.7	109.1	-33	-204.1
20840	-20.7	110.9	-34	-180.7
20850	-30.8	112.5	-36	-151.7
20860	-22.5	113.8	-37	-113.6
20870	-11.1	114.9	-38	-103.8
20880	-12.2	115.8	-39	-94.7
20890	-12.1	116.6	-40	-72.4
20900	-8.3	117.2	-41	-65.7
20910	-5.3	117.7	-41	-49.7
20920	-2.6	118.2	-42	-44.9
20930	-0.5	118.5	-42	-34.0
20940	-0.1	118.8	-42	-25.2
20950	-0.1	119.0	-43	-23.6
20960	0.0	119.2	-43	-17.8
20970	0.0	119.4	-43	-18.1
20980	0.8	119.6	-43	-13.8
20990	9.6	119.7	-43	-9.3
21000	3.7	119.7	-43	-6.3

21010	0.5	119.8	-43	-3.4
21020	5.7	119.8	-43	-3.1
21030	6.9	119.8	-43	0.5
21040	6.5	119.8	-43	2.3
21050	4.7	119.7	-43	5.5
21060	6.0	119.7	-43	9.8
21070	6.2	119.6	-43	13.0
21080	4.7	119.4	-43	17.0
21090	4.7	119.2	-43	19.9
21100	5.3	119.0	-43	22.6
21110	5.3	118.8	-42	23.4
21120	5.8	118.6	-42	23.6
21130	6.6	118.3	-42	32.4
21140	6.6	117.9	-41	36.7
21150	6.8	117.6	-41	40.4
21160	6.9	117.2	-41	44.7
21170	6.6	116.7	-40	48.9
21180	6.6	116.3	-40	47.6
21190	6.4	115.8	-39	46.3
21200	6.0	115.2	-39	60.4
21210	6.0	114.7	-38	57.7
21220	5.6	114.1	-38	54.8
21230	6.1	113.4	-37	57.2
21240	5.4	112.8	-36	66.8
21250	5.2	112.1	-36	63.8
21260	5.3	111.4	-35	65.2
21270	4.7	110.6	-34	67.6
21280	3.7	109.9	-33	69.7
21290	3.4	109.1	-33	71.3
21300	3.7	108.2	-32	80.9
21310	3.8	107.4	-31	82.5
21320	3.3	106.6	-30	84.6
21330	3.5	105.7	-29	85.9
21340	3.9	104.8	-28	87.8
21350	3.8	104.0	-28	89.7
21360	4.2	103.0	-27	91.5
21370	3.9	102.1	-26	93.7
21380	3.9	101.2	-25	95.5
21390	3.5	100.2	-24	97.4
21400	3.5	99.2	-23	99.0
21410	3.9	98.2	-22	100.6
21420	3.1	97.2	-21	102.4
21430	3.1	96.1	-20	104.0
21440	3.1	95.1	-19	105.4
21450	3.4	94.0	-18	106.7
21460	3.1	92.9	-16	108.3
21470	2.3	91.9	-15	109.4
21480	2.3	90.8	-14	110.4
21490	2.0	89.6	-13	111.2
21500	2.0	88.5	-12	111.8
21510	1.4	87.4	-11	112.6
21520	1.1	86.3	-10	112.8
21530	0.8	85.1	-9	113.4
21540	0.8	84.0	-8	113.1

21550	0.7	82.9	-6	113.4
21560	0.7	81.7	-5	113.1
21570	0.7	80.6	-4	113.1
21580	-1.2	79.5	-3	112.8
21590	-4.1	78.4	-2	111.0
21600	0.8	77.3	-1	108.6
21610	1.1	76.2	0	108.3
21620	-0.5	75.1	1	108.3
21630	1.1	74.0	2	116.6
21640	1.4	73.1	3	97.1
21650	1.8	72.2	4	79.6
21660	19.1	71.3	5	89.7
21670	11.7	70.6	6	74.8
21680	2.0	69.9	7	67.3
21690	8.4	69.2	7	67.3
21700	9.4	68.7	8	56.1
21710	5.8	68.2	8	50.8
21720	5.7	67.7	9	51.1
21730	4.5	67.3	9	42.3
21740	2.7	66.9	10	38.6
21750	4.1	66.5	10	38.6
21760	3.9	66.2	10	31.9
21770	2.3	65.9	11	29.0
21780	2.3	65.6	11	23.6
21790	2.6	65.4	11	26.3
21800	1.8	65.1	11	22.0
21810	0.8	64.9	12	20.2
21820	0.0	64.7	12	20.2
21830	0.0	64.6	12	16.7
21840	0.0	64.4	12	17.0
21850	-0.1	64.3	12	13.8
21860	-3.3	64.1	12	13.5
21870	-11.7	64.0	12	9.3
21880	-2.4	64.0	12	3.7
21890	-1.8	64.0	12	1.8
21900	-11.3	64.0	12	0.0
21910	-8.1	64.0	12	-4.7
21920	-6.2	64.1	12	-8.7
21930	-10.0	64.2	12	-12.7
21940	-10.7	64.3	12	-17.0
21950	-9.2	64.5	12	-22.3
21960	-10.8	64.8	12	-25.0
21970	-11.9	65.1	11	-37.0
21980	-11.1	65.5	11	-43.3
21990	-11.8	66.0	10	-46.3
22000	-13.2	66.5	10	-47.3
22010	-13.2	67.1	9	-65.4
22020	-12.9	67.7	9	-72.4
22030	-14.1	68.5	8	-81.1
22040	-14.4	69.2	7	-81.7
22050	-14.1	70.1	6	-80.1
22060	-14.5	71.0	5	-87.5
22070	-14.0	72.1	4	-94.5
22080	-13.8	73.2	3	-100.6

22090	-14.4	74.3	2	-107.2
22100	-13.4	75.6	1	-126.9
22110	-13.3	77.0	-1	-134.1
22120	-13.2	78.4	-2	-141.6
22130	-12.5	79.8	-3	-148.5
22140	-11.1	81.4	-5	-155.2
22150	-10.3	83.0	-7	-161.5
22160	-10.7	84.6	-8	-166.9
22170	-10.0	86.3	-10	-172.2
22180	-8.9	88.1	-12	-177.5
22190	-9.2	89.9	-13	-182.0
22200	-7.2	91.8	-15	-186.8
22210	-7.1	93.7	-17	-190.6
22220	-7.9	95.6	-19	-193.8
22230	-6.6	97.6	-21	-197.2
22240	-4.3	99.5	-23	-200.1
22250	-4.1	101.6	-25	-202.0
22260	-3.5	103.6	-27	-203.3
22270	-4.1	105.6	-29	-204.4
22280	-3.3	107.7	-31	-206.0
22290	-3.1	109.7	-33	-222.8
22300	-23.9	111.4	-35	-171.9
22310	-29.0	112.9	-36	-143.7
22320	-14.0	114.2	-38	-106.4
22330	-9.2	115.2	-39	-97.9
22340	-10.6	116.1	-40	-81.4
22350	-9.1	116.8	-40	-60.6
22360	-5.3	117.4	-41	-61.2
22370	-2.6	117.9	-41	-46.3
22380	0.1	118.3	-42	-41.7
22390	0.0	118.6	-42	-31.6
22400	0.0	118.9	-42	-23.6
22410	0.5	119.1	-43	-22.0
22420	13.0	119.3	-43	-15.4
22430	5.8	119.4	-43	-12.2
22440	0.8	119.5	-43	-7.4
22450	5.2	119.6	-43	-7.7
22460	6.9	119.6	-43	-3.9
22470	4.3	119.6	-43	0.5
22480	6.6	119.6	-43	0.5
22490	7.2	119.6	-43	5.3
22500	6.4	119.5	-43	8.2
22510	6.5	119.4	-43	10.9
22520	6.6	119.3	-43	15.4
22530	6.4	119.1	-43	17.0
22540	5.4	118.8	-42	24.7
22550	5.3	118.6	-42	27.9
22560	5.6	118.3	-42	28.4
22570	5.6	118.0	-42	31.6
22580	5.8	117.7	-41	31.1
22590	6.2	117.3	-41	34.0
22600	6.1	116.9	-40	37.0
22610	6.0	116.5	-40	39.9
22620	6.1	116.0	-40	52.1

22630	6.1	115.5	-39	55.6
22640	5.8	115.0	-39	53.7
22650	5.6	114.4	-38	51.3
22660	5.8	113.8	-37	65.7
22670	5.7	113.2	-37	62.8
22680	5.8	112.5	-36	72.1
22690	6.4	111.9	-35	75.8
22700	6.6	111.1	-35	79.3
22710	6.5	110.4	-34	83.0
22720	6.1	109.6	-33	87.0
22730	6.5	108.8	-32	90.5
22740	6.6	108.0	-32	85.4
22750	6.1	107.1	-31	89.1
22760	6.2	106.1	-30	92.6
22770	6.4	105.2	-29	95.5
22780	5.8	104.2	-28	99.0
22790	6.9	103.2	-27	102.2
22800	7.1	102.2	-26	105.6
22810	6.9	101.1	-25	109.4
22820	6.4	99.9	-23	113.1
22830	6.8	98.8	-22	116.3
22840	6.4	97.6	-21	119.8
22850	6.4	96.4	-20	123.2
22860	6.1	95.1	-19	126.4
22870	5.8	93.8	-17	129.3
22880	6.2	92.5	-16	132.5
22890	6.1	91.2	-15	135.5
22900	5.7	89.8	-13	138.4
22910	6.5	88.4	-12	141.0
22920	5.8	86.9	-10	144.8
22930	5.4	85.5	-9	147.4
22940	5.6	84.0	-8	150.1
22950	6.0	82.5	-6	152.8
22960	5.3	80.9	-4	155.4
22970	5.7	79.3	-3	157.6
22980	5.0	77.7	-1	160.2
22990	3.8	76.1	0	162.6
23000	5.2	74.5	2	164.5
23010	14.4	73.0	3	136.3
23020	22.1	71.6	5	145.3
23030	16.8	70.4	6	114.7
23040	11.4	69.4	7	98.7
23050	11.1	68.5	8	85.1
23060	10.7	67.8	9	66.2
23070	9.1	67.1	9	64.1
23080	6.4	66.5	10	55.3
23090	2.7	66.0	10	47.3
23100	1.2	65.6	11	40.9
23110	0.9	65.2	11	31.6
23120	0.0	64.9	12	30.6
23130	0.0	64.6	12	26.6
23140	-0.3	64.4	12	25.2
23150	-1.1	64.2	12	19.7
23160	-14.1	64.0	12	15.7

23170	-5.8	63.9	13	8.2
23180	-1.5	63.8	13	6.6
23190	-10.2	63.8	13	4.2
23200	-10.7	63.8	13	-1.3
23210	-8.1	63.8	13	-5.8
23220	-9.5	63.9	13	-10.6
23230	-11.3	64.1	12	-16.5
23240	-10.6	64.3	12	-22.8
23250	-10.3	64.5	12	-29.2
23260	-11.4	64.8	12	-32.2
23270	-11.9	65.2	11	-34.6
23280	-11.9	65.6	11	-40.4
23290	-12.7	66.1	10	-56.9
23300	-13.4	66.7	10	-58.5
23310	-12.9	67.3	9	-59.1
23320	-13.0	68.1	8	-79.8
23330	-13.4	68.8	8	-87.5
23340	-12.5	69.7	7	-95.5
23350	-12.7	70.6	6	-93.1
23360	-13.0	71.5	5	-90.2
23370	-12.3	72.6	4	-96.3
23380	-11.8	73.7	3	-101.9
23390	-12.3	74.9	2	-108.0
23400	-12.1	76.2	0	-126.1
23410	-11.3	77.5	-1	-132.8
23420	-11.1	78.9	-2	-138.9
23430	-10.7	80.3	-4	-145.0
23440	-9.2	81.8	-5	-150.4
23450	-8.8	83.4	-7	-155.4
23460	-9.2	85.0	-9	-159.7
23470	-8.5	86.6	-10	-164.5
23480	-7.5	88.3	-12	-168.7
23490	-8.1	90.0	-14	-172.5
23500	-6.4	91.7	-15	-176.2
23510	-5.8	93.5	-17	-179.7
23520	-6.6	95.3	-19	-182.0
23530	-5.6	97.2	-21	-185.2
23540	-4.1	99.1	-23	-187.6
23550	-3.4	100.9	-24	-189.2
23560	-3.1	102.8	-26	-190.3
23570	-2.7	104.8	-28	-191.4
23580	-2.2	106.7	-30	-191.9
23590	-1.8	108.5	-32	-173.0
23600	-6.1	110.3	-34	-158.6
23610	-22.2	111.9	-35	-150.9
23620	-19.9	113.3	-37	-139.5
23630	-6.6	114.3	-38	-106.4
23640	-6.4	115.3	-39	-88.9
23650	-6.8	116.1	-40	-67.3
23660	-4.3	116.7	-40	-63.3
23670	0.0	117.3	-41	-47.3
23680	0.0	117.8	-41	-48.7
23690	0.0	118.1	-42	-37.2
23700	6.4	118.5	-42	-34.3

23710	14.1	118.7	-42	-23.6
23720	7.3	118.9	-42	-14.6
23730	1.6	119.0	-43	-12.7
23740	10.0	119.2	-43	-9.3
23750	8.4	119.2	-43	-5.8
23760	5.0	119.2	-43	-0.5
23770	9.4	119.2	-43	0.0
23780	8.7	119.2	-43	4.2
23790	6.9	119.1	-43	9.5
23800	8.9	119.0	-43	12.2
23810	10.3	118.8	-42	16.7
23820	9.4	118.6	-42	26.0
23830	8.8	118.3	-42	31.6
23840	8.7	118.0	-42	37.5
23850	8.8	117.6	-41	42.3
23860	8.8	117.2	-41	48.1
23870	7.9	116.7	-40	53.5
23880	8.1	116.2	-40	58.0
23890	8.8	115.7	-39	57.2
23900	8.8	115.0	-39	55.9
23910	8.4	114.4	-38	73.2
23920	8.4	113.7	-37	78.0
23930	8.5	112.9	-36	83.0
23940	7.9	112.1	-36	87.8
23950	7.6	111.3	-35	92.3
23960	7.5	110.4	-34	96.3
23970	6.8	109.5	-33	100.8
23980	7.1	108.6	-32	104.8
23990	7.9	107.6	-31	99.0
24000	7.6	106.6	-30	103.0
24010	7.6	105.5	-29	107.0
24020	7.1	104.4	-28	111.2
24030	7.3	103.3	-27	115.0
24040	7.3	102.1	-26	118.4
24050	6.9	100.9	-24	122.7
24060	6.0	99.6	-23	125.9
24070	6.4	98.3	-22	129.1
24080	6.4	97.0	-21	132.3
24090	5.8	95.7	-19	135.5
24100	6.1	94.3	-18	138.7
24110	6.8	92.9	-16	141.8
24120	6.4	91.5	-15	145.0
24130	5.8	90.0	-14	148.2
24140	6.6	88.5	-12	150.9
24150	5.4	86.9	-10	154.1
24160	4.9	85.4	-9	156.8
24170	4.9	83.8	-7	159.2
24180	5.0	82.2	-6	161.0
24190	4.6	80.6	-4	163.1
24200	4.6	78.9	-2	165.0
24210	3.4	77.3	-1	166.9
24220	3.1	75.6	1	168.5
24230	4.2	74.0	2	150.9
24240	17.9	72.4	4	162.6

24250	19.9	71.1	5	128.5
24260	12.1	69.9	7	110.4
24270	8.1	69.0	7	94.5
24280	8.7	68.1	8	81.4
24290	7.7	67.4	9	63.0
24300	5.4	66.8	10	60.6
24310	2.6	66.2	10	51.9
24320	0.3	65.8	11	44.4
24330	0.0	65.4	11	38.0
24340	0.0	65.0	11	29.8
24350	-0.1	64.7	12	28.7
24360	-0.7	64.5	12	22.0
24370	-12.3	64.2	12	20.2
24380	-5.6	64.1	12	15.9
24390	-1.2	64.0	12	11.4
24400	-6.1	63.9	13	9.0
24410	-8.5	63.8	13	6.1
24420	-5.0	63.8	13	1.3
24430	-6.1	63.8	13	-0.7
24440	-9.5	63.8	13	-2.9
24450	-6.4	63.9	13	-7.1
24460	-6.8	64.0	12	-10.3
24470	-9.6	64.1	12	-13.5
24480	-8.7	64.3	12	-18.1
24490	-8.3	64.5	12	-22.3
24500	-10.0	64.8	12	-32.4
24510	-10.7	65.1	11	-34.6
24520	-9.9	65.5	11	-36.4
24530	-10.4	66.0	10	-41.5
24540	-11.9	66.5	10	-57.5
24550	-11.5	67.1	9	-58.0
24560	-11.1	67.7	9	-58.0
24570	-12.1	68.4	8	-63.3
24580	-12.2	69.2	7	-84.9
24590	-11.7	70.0	6	-91.5
24600	-12.6	70.9	6	-98.5
24610	-12.3	71.8	5	-86.5
24620	-11.4	72.8	4	-112.6
24630	-11.7	73.9	3	-119.2
24640	-11.7	75.0	1	-126.1
24650	-11.4	76.2	0	-120.5
24660	-11.0	77.5	-1	-127.2
24670	-11.3	78.8	-2	-132.8
24680	-10.4	80.2	-4	-139.2
24690	-9.6	81.6	-5	-144.2
24700	-9.5	83.1	-7	-149.6
24710	-9.6	84.6	-8	-154.1
24720	-8.9	86.2	-10	-159.2
24730	-9.1	87.8	-11	-163.7
24740	-8.8	89.5	-13	-168.5
24750	-7.1	91.2	-15	-173.0
24760	-7.5	93.0	-17	-176.5
24770	-6.6	94.7	-18	-179.4
24780	-6.2	96.6	-20	-182.8

24790	-6.0	98.4	-22	-185.8
24800	-3.8	100.3	-24	-188.2
24810	-3.9	102.2	-26	-190.0
24820	-3.8	104.1	-28	-191.4
24830	-3.5	106.0	-30	-192.7
24840	-3.3	108.0	-32	-194.0
24850	-3.8	109.8	-33	-169.8
24860	-23.1	111.5	-35	-160.2
24870	-25.2	112.9	-36	-148.0
24880	-11.1	114.1	-38	-113.1
24890	-8.1	115.1	-39	-103.0
24900	-8.7	115.9	-39	-79.0
24910	-6.1	116.6	-40	-66.8
24920	-2.3	117.1	-41	-55.6
24930	0.0	117.7	-41	-51.1
24940	0.0	118.0	-42	-38.8
24950	0.1	118.4	-42	-35.9
24960	7.5	118.7	-42	-27.1
24970	13.4	118.9	-42	-21.5
24980	5.4	119.0	-43	-12.5
24990	1.9	119.1	-43	-10.6
25000	10.4	119.2	-43	-7.7
25010	7.9	119.2	-43	-2.3
25020	6.8	119.2	-43	0.7
25030	8.4	119.2	-43	4.5
25040	8.0	119.1	-43	9.0
25050	8.1	119.0	-43	14.1
25060	9.1	118.9	-42	18.9
25070	8.8	118.7	-42	22.0
25080	9.1	118.4	-42	24.4
25090	8.9	118.1	-42	28.7
25100	8.0	117.7	-41	40.7
25110	8.7	117.3	-41	45.2
25120	8.4	116.9	-40	50.5
25130	7.9	116.4	-40	50.3
25140	8.4	115.9	-39	48.9
25150	8.5	115.3	-39	64.9
25160	8.7	114.7	-38	63.6
25170	8.5	114.0	-38	61.4
25180	8.3	113.3	-37	65.2
25190	7.9	112.5	-36	69.4
25200	7.6	111.7	-35	89.4
25210	7.1	110.8	-34	93.4
25220	6.4	110.0	-34	97.4
25230	6.1	109.0	-33	101.1
25240	6.5	108.1	-32	104.6
25250	6.8	107.1	-31	98.5
25260	6.5	106.1	-30	102.2
25270	6.4	105.1	-29	105.6
25280	6.5	104.0	-28	108.8
25290	6.6	102.9	-26	112.3
25300	6.5	101.7	-25	115.8
25310	6.1	100.5	-24	119.2
25320	6.1	99.3	-23	121.9

25330	6.2	98.1	-22	125.3
25340	6.0	96.8	-20	128.3
25350	5.3	95.5	-19	130.9
25360	5.4	94.2	-18	133.6
25370	6.4	92.8	-16	136.5
25380	6.1	91.4	-15	139.5
25390	5.2	90.0	-14	142.6
25400	5.8	88.6	-12	144.8
25410	5.6	87.1	-11	147.7
25420	4.5	85.6	-9	150.4
25430	4.5	84.1	-8	152.8
25440	4.9	82.5	-6	154.6
25450	4.3	81.0	-5	156.5
25460	4.3	79.4	-3	158.4
25470	3.5	77.8	-1	160.2
25480	2.8	76.2	0	161.8
25490	3.8	74.6	2	146.4
25500	12.1	73.1	3	135.5
25510	19.8	71.6	5	144.8
25520	15.2	70.5	6	114.2
25530	9.8	69.5	7	98.7
25540	9.6	68.6	8	85.4
25550	9.5	67.8	9	67.6
25560	8.0	67.2	9	64.4
25570	5.4	66.6	10	55.6
25580	2.3	66.1	10	47.9
25590	0.5	65.7	11	40.9
25600	0.1	65.3	11	35.6
25610	0.0	65.0	11	30.8
25620	-0.1	64.7	12	24.2
25630	-0.4	64.5	12	23.4
25640	-12.3	64.2	12	21.2
25650	-6.9	64.1	12	13.3
25660	-1.4	64.0	12	10.6
25670	-5.6	63.9	13	8.2
25680	-9.8	63.9	13	4.2
25690	-5.7	63.9	13	-1.0
25700	-8.9	63.9	13	-2.3
25710	-10.0	63.9	13	-6.9
25720	-8.0	64.0	12	-10.9
25730	-9.5	64.2	12	-16.7
25740	-11.3	64.4	12	-19.7
25750	-10.7	64.6	12	-27.4
25760	-10.6	65.0	11	-36.7
25770	-12.5	65.3	11	-39.1
25780	-12.7	65.8	11	-41.5
25790	-12.2	66.3	10	-58.3
25800	-13.3	66.9	10	-59.6
25810	-14.2	67.5	9	-59.9
25820	-13.8	68.2	8	-67.8
25830	-13.6	69.0	7	-73.7
25840	-13.8	69.9	7	-80.3
25850	-15.1	70.9	6	-105.9
25860	-14.0	71.9	5	-104.0

25870	-13.7	73.0	3	-100.3
25880	-14.1	74.1	2	-106.4
25890	-13.4	75.4	1	-126.1
25900	-13.2	76.8	0	-133.3
25910	-13.0	78.2	-2	-140.8
25920	-12.9	79.6	-3	-148.0
25930	-11.3	81.1	-5	-154.6
25940	-10.7	82.7	-6	-161.0
25950	-11.4	84.4	-8	-166.3
25960	-10.4	86.1	-10	-172.7
25970	-10.4	87.9	-11	-178.1
25980	-10.6	89.7	-13	-183.4
25990	-9.1	91.6	-15	-188.7
26000	-9.1	93.5	-17	-193.5
26010	-9.9	95.5	-19	-197.8
26020	-8.9	97.5	-21	-202.5
26030	-6.6	99.5	-23	-207.1
26040	-6.4	101.6	-25	-210.3
26050	-6.5	103.8	-27	-212.7
26060	-6.5	105.9	-29	-215.9
26070	-5.4	108.1	-32	-218.8
26080	-8.7	110.2	-34	-231.6
26090	-31.7	112.0	-36	-175.1
26100	-34.3	113.5	-37	-144.5
26110	-14.5	114.7	-38	-105.1
26120	-13.2	115.7	-39	-95.3
26130	-15.1	116.6	-40	-78.2
26140	-10.6	117.2	-41	-57.5
26150	-6.5	117.8	-41	-52.1
26160	-4.1	118.2	-42	-38.3
26170	-0.3	118.6	-42	-34.6
26180	0.0	118.9	-42	-28.2
26190	0.0	119.1	-43	-23.1
26200	0.5	119.3	-43	-17.0
26210	14.5	119.5	-43	-15.9
26220	7.6	119.6	-43	-7.7
26230	0.8	119.6	-43	-3.7
26240	5.0	119.7	-43	-2.9
26250	8.1	119.7	-43	0.5
26260	6.5	119.6	-43	2.9
26270	5.6	119.6	-43	5.5
26280	7.7	119.5	-43	8.7
26290	8.3	119.4	-43	12.5
26300	7.5	119.2	-43	16.5
26310	7.7	119.0	-43	22.0
26320	7.7	118.7	-42	29.2
26330	7.6	118.4	-42	30.8
26340	7.1	118.1	-42	31.4
26350	6.8	117.7	-41	42.8
26360	7.9	117.3	-41	46.5

ISOK_EXERC_ER_IR_300_R_SIDE
01/08
Set #2

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	120.2	-44	0.0
10	0.5	120.2	-44	0.2
20	0.8	120.2	-44	0.5
30	0.9	120.2	-44	0.5
40	1.2	120.2	-44	0.5
50	1.4	120.2	-44	1.5
60	1.1	120.2	-44	2.3
70	2.2	120.1	-44	3.1
80	10.4	120.1	-44	5.5
90	3.9	120.0	-44	10.3
100	0.8	119.9	-43	11.7
110	4.3	119.8	-43	11.4
120	6.0	119.7	-43	13.3
130	5.3	119.5	-43	16.2
140	4.2	119.3	-43	22.8
150	4.6	119.1	-43	22.8
160	6.1	118.8	-42	23.1
170	6.2	118.5	-42	26.0
180	5.3	118.2	-42	35.6
190	5.4	117.8	-41	38.8
200	6.6	117.5	-41	42.0
210	6.8	117.1	-41	41.7
220	6.5	116.6	-40	40.9
230	6.4	116.1	-40	53.7
240	7.2	115.6	-39	52.4
250	7.5	115.1	-39	50.5
260	6.8	114.5	-38	65.7
270	7.1	113.9	-37	63.6
280	7.9	113.2	-37	60.4
290	7.6	112.5	-36	64.1
300	7.7	111.8	-35	67.8
310	8.3	111.0	-35	71.6
320	8.1	110.2	-34	75.3
330	7.7	109.3	-33	79.0
340	8.1	108.3	-32	92.3
350	8.5	107.4	-31	96.6
360	8.0	106.4	-30	101.1
370	7.6	105.3	-29	105.4
380	7.5	104.2	-28	109.4
390	8.1	103.1	-27	113.6
400	8.1	101.9	-25	117.6
410	7.9	100.7	-24	121.9
420	7.5	99.5	-23	126.1
430	8.4	98.2	-22	130.1
440	8.1	96.9	-20	134.1
450	6.8	95.5	-19	138.4
460	7.1	94.1	-18	141.8
470	8.1	92.6	-16	145.6
480	7.1	91.2	-15	149.6

490	6.8	89.6	-13	153.0
500	7.7	88.1	-12	156.2
510	6.8	86.5	-10	160.2
520	6.9	84.9	-8	163.4
530	6.6	83.2	-7	166.9
540	6.1	81.5	-5	170.1
550	6.8	79.8	-3	173.0
560	6.5	78.0	-2	176.5
570	4.9	76.2	0	179.4
580	6.0	74.4	2	178.9
590	18.4	72.7	4	182.8
600	28.2	71.3	5	128.5
610	21.8	70.0	6	121.9
620	14.5	69.0	7	103.0
630	14.4	68.0	8	87.5
640	15.5	67.2	9	81.9
650	14.1	66.6	10	63.6
660	9.9	66.0	10	53.5
670	5.3	65.6	11	45.2
680	3.0	65.2	11	38.6
690	2.7	64.8	12	32.7
700	1.8	64.5	12	30.6
710	0.1	64.3	12	23.4
720	0.0	64.1	12	19.9
730	-0.1	63.9	13	18.3
740	-0.3	63.8	13	14.3
750	-5.0	63.6	13	13.3
760	-11.5	63.5	13	7.4
770	-3.7	63.5	13	1.5
780	-3.4	63.5	13	0.0
790	-12.6	63.5	13	-2.3
800	-9.6	63.6	13	-7.1
810	-6.8	63.7	13	-11.7
820	-10.7	63.9	13	-15.1
830	-11.4	64.1	12	-22.3
840	-9.2	64.4	12	-31.4
850	-9.9	64.7	12	-37.0
860	-12.5	65.0	11	-39.1
870	-12.1	65.5	11	-40.9
880	-11.3	66.0	10	-57.7
890	-13.2	66.6	10	-58.8
900	-13.4	67.2	9	-71.8
910	-12.2	67.9	9	-72.4
920	-12.5	68.7	8	-71.3
930	-12.6	69.6	7	-94.5
940	-12.5	70.5	6	-101.6
950	-11.9	71.4	5	-108.8
960	-11.9	72.4	4	-105.1
970	-12.2	73.5	3	-100.0
980	-12.5	74.7	2	-106.2
990	-12.1	76.0	0	-124.0
1000	-12.3	77.3	-1	-130.9
1010	-12.6	78.6	-2	-137.3
1020	-11.4	80.0	-4	-144.2

1030	-10.2	81.5	-5	-150.1
1040	-10.2	83.1	-7	-155.7
1050	-10.2	84.7	-8	-161.0
1060	-9.5	86.3	-10	-166.3
1070	-9.4	88.0	-12	-171.1
1080	-9.9	89.8	-13	-176.2
1090	-7.9	91.6	-15	-180.7
1100	-8.4	93.4	-17	-185.0
1110	-9.4	95.3	-19	-189.0
1120	-8.0	97.2	-21	-193.2
1130	-6.5	99.2	-23	-197.2
1140	-6.5	101.2	-25	-200.1
1150	-6.8	103.2	-27	-202.8
1160	-6.9	105.3	-29	-205.7
1170	-6.1	107.3	-31	-208.9
1180	-5.2	109.3	-33	-189.2
1190	-27.4	111.3	-35	-195.4
1200	-34.3	112.8	-36	-150.6
1210	-20.2	114.2	-38	-136.5
1220	-12.7	115.2	-39	-101.6
1230	-16.3	116.1	-40	-84.6
1240	-14.9	116.8	-40	-70.0
1250	-10.0	117.4	-41	-51.6
1260	-8.4	117.9	-41	-47.3
1270	-5.6	118.3	-42	-34.8
1280	-2.0	118.7	-42	-35.1
1290	-0.3	118.9	-42	-26.3
1300	-0.3	119.2	-43	-23.9
1310	-0.1	119.4	-43	-18.1
1320	0.0	119.5	-43	-15.1
1330	0.0	119.6	-43	-11.1
1340	0.0	119.8	-43	-11.1
1350	0.4	119.8	-43	-8.5
1360	6.1	119.9	-43	-5.8
1370	8.5	120.0	-44	-2.6
1380	3.9	119.9	-43	1.0
1390	4.9	119.9	-43	2.1
1400	8.3	119.9	-43	6.3
1410	7.3	119.8	-43	10.6
1420	6.9	119.7	-43	15.1
1430	7.2	119.5	-43	19.4
1440	7.3	119.3	-43	23.6
1450	7.5	119.0	-43	25.2
1460	7.2	118.8	-42	26.6
1470	7.3	118.4	-42	30.0
1480	8.1	118.1	-42	33.8
1490	8.9	117.7	-41	37.8
1500	9.5	117.2	-41	42.8
1510	9.4	116.7	-40	46.5
1520	9.1	116.1	-40	62.5
1530	9.2	115.5	-39	61.4
1540	8.8	114.9	-38	59.9
1550	8.1	114.2	-38	78.2
1560	8.3	113.4	-37	82.7

1570	8.4	112.6	-36	87.3
1580	8.3	111.8	-35	92.6
1590	8.8	110.9	-34	97.1
1600	8.5	110.0	-34	101.6
1610	8.3	109.0	-33	107.2
1620	8.8	108.0	-32	112.0
1630	8.9	107.0	-31	106.7
1640	8.1	105.9	-29	111.5
1650	7.2	104.7	-28	115.8
1660	6.9	103.5	-27	119.5
1670	7.5	102.3	-26	123.2
1680	7.5	101.1	-25	127.2
1690	6.5	99.8	-23	130.9
1700	7.2	98.4	-22	134.4
1710	7.2	97.0	-21	137.6
1720	6.2	95.6	-19	141.6
1730	6.1	94.2	-18	144.5
1740	6.4	92.7	-16	147.7
1750	5.0	91.2	-15	150.4
1760	4.3	89.7	-13	153.0
1770	4.7	88.2	-12	154.9
1780	3.4	86.6	-10	156.8
1790	2.4	85.0	-9	158.4
1800	2.3	83.4	-7	158.9
1810	1.9	81.8	-5	159.7
1820	1.9	80.2	-4	160.2
1830	1.9	78.6	-2	160.5
1840	1.6	77.0	-1	160.7
1850	1.6	75.4	1	161.0
1860	2.2	73.8	3	174.3
1870	14.5	72.4	4	140.5
1880	17.1	71.1	5	121.6
1890	9.4	70.1	6	106.2
1900	6.9	69.1	7	91.5
1910	7.1	68.3	8	79.6
1920	6.8	67.5	9	76.1
1930	5.0	67.0	9	60.1
1940	1.8	66.4	10	51.6
1950	0.0	66.0	10	44.4
1960	0.0	65.6	11	38.8
1970	0.0	65.2	11	30.3
1980	-0.5	64.9	12	29.2
1990	-13.2	64.6	12	26.8
2000	-7.7	64.4	12	18.3
2010	-1.9	64.3	12	14.1
2020	-7.1	64.2	12	12.2
2030	-10.7	64.1	12	8.7
2040	-7.6	64.0	12	2.1
2050	-8.4	64.0	12	-1.0
2060	-12.2	64.1	12	-4.7
2070	-9.6	64.2	12	-12.2
2080	-9.5	64.3	12	-18.1
2090	-11.9	64.5	12	-21.5
2100	-11.9	64.8	12	-25.2

2110	-10.8	65.1	11	-34.0
2120	-11.9	65.5	11	-44.4
2130	-12.6	66.0	10	-47.1
2140	-12.3	66.5	10	-48.7
2150	-12.9	67.1	9	-66.5
2160	-13.6	67.7	9	-67.0
2170	-13.3	68.4	8	-66.8
2180	-12.7	69.3	7	-89.9
2190	-13.2	70.1	6	-88.1
2200	-13.4	71.0	5	-85.7
2210	-11.9	72.0	4	-92.1
2220	-11.9	73.1	3	-97.9
2230	-12.6	74.3	2	-103.5
2240	-11.5	75.5	1	-121.3
2250	-11.3	76.8	0	-127.5
2260	-11.3	78.1	-2	-133.9
2270	-10.8	79.5	-3	-140.0
2280	-9.5	80.9	-4	-145.6
2290	-8.8	82.4	-6	-150.6
2300	-8.9	84.0	-8	-155.2
2310	-8.3	85.6	-9	-160.2
2320	-8.7	87.2	-11	-164.2
2330	-7.7	88.9	-12	-168.5
2340	-7.2	90.6	-14	-171.9
2350	-6.9	92.3	-16	-175.7
2360	-6.0	94.1	-18	-178.9
2370	-7.6	95.9	-19	-181.8
2380	-6.8	97.8	-21	-185.0
2390	-4.2	99.6	-23	-188.2
2400	-5.0	101.5	-25	-190.3
2410	-4.9	103.4	-27	-191.9
2420	-5.2	105.4	-29	-194.0
2430	-4.9	107.3	-31	-196.2
2440	-3.5	109.2	-33	-177.3
2450	-21.8	111.0	-35	-156.0
2460	-29.7	112.5	-36	-144.5
2470	-19.4	113.8	-37	-108.6
2480	-11.9	114.8	-38	-100.3
2490	-13.6	115.7	-39	-84.1
2500	-13.4	116.5	-40	-77.4
2510	-10.4	117.1	-41	-59.1
2520	-7.3	117.6	-41	-54.0
2530	-4.7	118.0	-42	-41.2
2540	-3.0	118.4	-42	-30.6
2550	-1.8	118.7	-42	-28.7
2560	-1.4	118.9	-42	-21.5
2570	-0.3	119.1	-43	-20.2
2580	0.0	119.3	-43	-15.1
2590	0.0	119.5	-43	-14.3
2600	0.0	119.6	-43	-10.9
2610	0.0	119.7	-43	-9.8
2620	0.4	119.8	-43	-7.4
2630	6.4	119.9	-43	-7.4
2640	9.1	119.9	-43	-2.3

2650	3.8	119.9	-43	1.5
2660	3.8	119.9	-43	2.6
2670	8.1	119.8	-43	6.1
2680	6.4	119.7	-43	10.6
2690	5.6	119.6	-43	14.6
2700	6.4	119.4	-43	17.8
2710	6.2	119.2	-43	21.8
2720	6.5	119.0	-43	25.5
2730	6.8	118.8	-42	29.8
2740	7.1	118.5	-42	33.8
2750	7.7	118.1	-42	37.8
2760	8.0	117.7	-41	42.5
2770	8.4	117.3	-41	47.3
2780	8.0	116.9	-40	47.6
2790	8.1	116.4	-40	46.5
2800	7.9	115.8	-39	61.7
2810	7.3	115.2	-39	65.7
2820	7.1	114.6	-38	70.8
2830	7.6	113.9	-37	75.3
2840	7.7	113.2	-37	78.2
2850	7.5	112.4	-36	84.1
2860	8.3	111.6	-35	88.6
2870	8.7	110.8	-34	93.1
2880	8.0	109.9	-33	98.2
2890	7.9	109.0	-33	102.7
2900	8.0	108.0	-32	107.0
2910	7.6	107.0	-31	101.9
2920	6.8	106.0	-30	105.9
2930	6.1	104.9	-28	109.4
2940	6.2	103.7	-27	112.6
2950	7.1	102.6	-26	116.0
2960	6.6	101.4	-25	119.5
2970	6.1	100.2	-24	122.7
2980	6.8	98.9	-22	125.9
2990	6.5	97.6	-21	129.6
3000	5.8	96.3	-20	132.5
3010	4.9	95.0	-19	135.5
3020	5.2	93.6	-17	137.9
3030	4.9	92.2	-16	140.2
3040	3.9	90.8	-14	142.1
3050	3.9	89.4	-13	144.0
3060	4.5	87.9	-11	145.8
3070	3.0	86.4	-10	147.4
3080	2.6	84.9	-8	149.0
3090	2.3	83.5	-7	149.6
3100	1.8	81.9	-5	150.6
3110	1.4	80.4	-4	150.9
3120	0.9	78.9	-2	150.9
3130	0.8	77.4	-1	151.2
3140	0.8	75.9	1	150.9
3150	-2.0	74.5	2	135.5
3160	-0.7	73.1	3	122.9
3170	1.6	71.8	5	132.8
3180	6.1	70.7	6	106.2

3190	14.8	69.7	7	94.5
3200	2.3	68.9	8	81.9
3210	0.1	68.1	8	78.2
3220	0.4	67.5	9	62.5
3230	0.5	66.9	10	55.1
3240	0.5	66.4	10	48.1
3250	0.0	66.0	10	46.0
3260	-0.3	65.6	11	37.0
3270	-13.3	65.3	11	31.9
3280	-11.0	65.0	11	21.8
3290	-3.9	64.8	12	20.2
3300	-6.1	64.7	12	15.7
3310	-11.3	64.5	12	12.7
3320	-9.4	64.5	12	5.3
3330	-6.9	64.5	12	-0.2
3340	-12.6	64.5	12	-1.5
3350	-10.2	64.5	12	-8.2
3360	-8.7	64.7	12	-13.5
3370	-11.4	64.8	12	-16.7
3380	-12.5	65.1	11	-22.0
3390	-11.0	65.4	11	-28.2
3400	-11.1	65.7	11	-33.8
3410	-13.0	66.2	10	-48.4
3420	-12.5	66.6	10	-50.8
3430	-11.5	67.2	9	-51.9
3440	-13.0	67.9	9	-70.2
3450	-13.0	68.5	8	-70.8
3460	-12.2	69.3	7	-70.0
3470	-12.2	70.1	6	-75.8
3480	-13.0	71.0	5	-99.8
3490	-11.5	72.0	4	-107.8
3500	-11.4	73.0	3	-114.4
3510	-12.2	74.1	2	-120.8
3520	-11.4	75.3	1	-128.0
3530	-10.8	76.5	0	-122.1
3540	-11.0	77.7	-1	-128.5
3550	-11.3	79.1	-3	-134.1
3560	-10.4	80.5	-4	-140.2
3570	-9.4	81.9	-5	-145.8
3580	-9.6	83.4	-7	-150.9
3590	-9.8	84.9	-8	-155.7
3600	-8.9	86.5	-10	-160.5
3610	-8.1	88.2	-12	-165.3
3620	-8.7	89.9	-13	-169.5
3630	-6.6	91.6	-15	-173.8
3640	-6.8	93.4	-17	-177.3
3650	-7.6	95.2	-19	-180.4
3660	-6.2	97.0	-21	-183.6
3670	-5.3	98.8	-22	-186.6
3680	-4.7	100.7	-24	-189.0
3690	-5.0	102.6	-26	-190.8
3700	-5.0	104.6	-28	-193.2
3710	-5.0	106.5	-30	-195.4
3720	-5.0	108.5	-32	-197.5

3730	-12.6	110.3	-34	-165.3
3740	-28.5	111.9	-35	-156.0
3750	-26.6	113.3	-37	-143.7
3760	-12.5	114.4	-38	-108.8
3770	-12.9	115.4	-39	-91.0
3780	-14.1	116.2	-40	-68.6
3790	-11.4	116.8	-40	-64.1
3800	-8.8	117.4	-41	-47.9
3810	-6.8	117.9	-41	-44.7
3820	-4.1	118.3	-42	-33.2
3830	-1.6	118.6	-42	-31.1
3840	-1.5	118.9	-42	-23.1
3850	-1.1	119.1	-43	-21.8
3860	-0.3	119.3	-43	-16.5
3870	-0.3	119.4	-43	-15.4
3880	-0.3	119.6	-43	-11.4
3890	-0.1	119.7	-43	-11.9
3900	0.0	119.8	-43	-9.0
3910	0.1	119.9	-43	-6.9
3920	0.9	119.9	-43	-6.9
3930	12.3	120.0	-44	-4.5
3940	7.5	120.0	-44	1.5
3950	2.6	119.9	-43	4.2
3960	4.6	119.9	-43	6.3
3970	7.6	119.8	-43	9.3
3980	6.1	119.7	-43	13.8
3990	4.7	119.6	-43	15.7
4000	6.0	119.4	-43	20.2
4010	7.1	119.2	-43	21.5
4020	6.8	118.9	-42	22.8
4030	6.4	118.6	-42	31.9
4040	6.8	118.3	-42	32.4
4050	7.9	118.0	-42	36.4
4060	7.6	117.6	-41	36.4
4070	7.3	117.1	-41	49.2
4080	7.7	116.6	-40	53.5
4090	7.3	116.2	-40	52.4
4100	7.1	115.6	-39	50.8
4110	7.2	115.0	-39	66.5
4120	7.2	114.4	-38	63.8
4130	7.5	113.7	-37	60.9
4140	7.6	113.0	-37	64.4
4150	7.3	112.3	-36	68.1
4160	8.0	111.5	-35	71.6
4170	8.1	110.7	-34	75.0
4180	7.3	109.8	-33	78.8
4190	6.9	108.9	-32	82.2
4200	7.3	107.9	-31	95.0
4210	7.1	106.9	-30	99.0
4220	6.2	105.9	-29	103.0
4230	6.5	104.8	-28	106.2
4240	6.4	103.8	-27	109.6
4250	7.1	102.6	-26	113.1
4260	6.8	101.5	-25	116.6

4270	6.5	100.3	-24	120.3
4280	6.8	99.1	-23	123.7
4290	6.6	97.8	-21	127.2
4300	6.5	96.5	-20	130.1
4310	6.1	95.2	-19	133.6
4320	5.8	93.8	-17	136.3
4330	6.0	92.4	-16	139.2
4340	5.4	91.0	-15	142.1
4350	5.3	89.6	-13	144.8
4360	5.8	88.1	-12	147.2
4370	5.0	86.6	-10	149.8
4380	4.6	85.1	-9	152.2
4390	4.2	83.6	-7	154.4
4400	4.3	82.0	-6	156.2
4410	4.6	80.4	-4	158.1
4420	3.9	78.8	-2	160.0
4430	2.6	77.2	-1	161.5
4440	2.6	75.6	1	162.3
4450	3.4	74.0	2	177.5
4460	15.9	72.6	4	144.0
4470	18.3	71.3	5	112.0
4480	11.8	70.1	6	108.3
4490	9.4	69.2	7	93.4
4500	9.9	68.3	8	88.9
4510	10.2	67.6	9	70.5
4520	8.8	67.0	9	61.2
4530	5.6	66.4	10	52.7
4540	2.8	65.9	11	45.2
4550	1.9	65.5	11	43.1
4560	1.8	65.2	11	30.3
4570	0.0	64.9	12	29.2
4580	0.0	64.6	12	25.2
4590	-0.1	64.4	12	19.9
4600	-0.4	64.2	12	19.1
4610	-8.9	64.0	12	16.5
4620	-8.8	63.9	13	9.3
4630	-1.8	63.8	13	6.3
4640	-5.3	63.8	13	4.5
4650	-8.9	63.8	13	0.7
4660	-8.3	63.8	13	-1.8
4670	-6.2	63.8	13	-6.1
4680	-7.6	63.9	13	-8.7
4690	-8.3	64.0	12	-12.7
4700	-8.1	64.2	12	-16.5
4710	-7.6	64.4	12	-20.4
4720	-8.8	64.7	12	-29.5
4730	-9.5	65.0	11	-31.4
4740	-9.6	65.3	11	-32.7
4750	-10.3	65.8	11	-46.3
4760	-11.0	66.2	10	-47.6
4770	-11.0	66.7	10	-48.1
4780	-10.7	67.3	9	-64.9
4790	-11.0	67.9	9	-64.6
4800	-10.6	68.6	8	-63.6

4810	-9.6	69.4	7	-68.9
4820	-10.3	70.2	6	-89.4
4830	-10.7	71.1	5	-94.2
4840	-9.6	72.0	4	-101.9
4850	-10.4	73.0	3	-107.5
4860	-10.7	74.0	2	-113.6
4870	-10.2	75.1	1	-119.8
4880	-9.9	76.2	0	-113.9
4890	-9.6	77.4	-1	-119.5
4900	-9.4	78.6	-2	-124.5
4910	-8.7	79.9	-3	-129.6
4920	-8.0	81.2	-5	-133.9
4930	-7.6	82.6	-6	-138.1
4940	-7.7	84.0	-8	-142.1
4950	-7.3	85.4	-9	-146.1
4960	-8.4	86.9	-10	-149.8
4970	-7.5	88.5	-12	-153.8
4980	-7.5	90.0	-14	-157.6
4990	-6.4	91.6	-15	-161.5
5000	-6.8	93.3	-17	-164.7
5010	-7.7	94.9	-18	-167.4
5020	-6.1	96.6	-20	-171.1
5030	-6.5	98.4	-22	-174.6
5040	-5.8	100.2	-24	-177.3
5050	-6.4	101.9	-25	-180.2
5060	-6.4	103.8	-27	-183.1
5070	-6.9	105.6	-29	-185.8
5080	-7.2	107.5	-31	-189.5
5090	-6.1	109.4	-33	-190.0
5100	-25.6	111.0	-35	-165.3
5110	-32.0	112.6	-36	-151.7
5120	-21.0	113.7	-37	-118.2
5130	-14.8	114.8	-38	-97.9
5140	-19.0	115.7	-39	-83.5
5150	-18.2	116.4	-40	-70.5
5160	-11.9	117.0	-41	-64.9
5170	-11.1	117.5	-41	-49.5
5180	-10.8	118.0	-42	-45.7
5190	-8.1	118.3	-42	-35.1
5200	-5.3	118.6	-42	-29.2
5210	-5.8	118.9	-42	-24.7
5220	-5.3	119.1	-43	-22.8
5230	-4.5	119.3	-43	-17.8
5240	-4.3	119.5	-43	-16.2
5250	-4.2	119.6	-43	-12.5
5260	-2.7	119.7	-43	-11.7
5270	-0.7	119.8	-43	-8.5
5280	0.1	119.9	-43	-6.3
5290	0.1	119.9	-43	-6.6
5300	0.8	120.0	-44	-5.0
5310	4.5	120.0	-44	-4.2
5320	11.8	120.0	-44	0.7
5330	3.7	120.0	-44	5.8
5340	1.2	119.9	-43	7.7

5350	9.5	119.9	-43	9.0
5360	7.5	119.7	-43	12.5
5370	4.7	119.6	-43	14.9
5380	7.2	119.4	-43	17.5
5390	7.2	119.2	-43	20.7
5400	6.9	118.9	-42	29.5
5410	7.6	118.6	-42	30.8
5420	7.2	118.3	-42	31.4
5430	7.6	117.9	-41	35.1
5440	8.4	117.5	-41	47.3
5450	8.3	117.0	-41	47.6
5460	8.0	116.5	-40	46.8
5470	8.4	115.9	-39	62.0
5480	8.4	115.4	-39	60.6
5490	8.7	114.7	-38	58.5
5500	8.5	114.0	-38	62.8
5510	8.8	113.3	-37	66.8
5520	8.8	112.5	-36	72.4
5530	9.2	111.7	-35	75.3
5540	9.1	110.8	-34	97.1
5550	8.5	109.9	-33	92.9
5560	8.5	109.0	-33	87.5
5570	8.9	107.9	-31	101.9
5580	8.7	106.8	-30	106.7
5590	8.0	105.7	-29	111.5
5600	7.7	104.6	-28	115.8
5610	7.9	103.4	-27	120.0
5620	8.1	102.2	-26	124.0
5630	8.0	100.9	-24	128.3
5640	6.9	99.6	-23	132.3
5650	7.5	98.2	-22	136.0
5660	7.3	96.9	-20	139.5
5670	6.1	95.4	-19	143.7
5680	6.4	94.0	-18	146.6
5690	6.9	92.5	-16	149.8
5700	6.1	91.0	-15	152.8
5710	5.8	89.4	-13	156.0
5720	6.6	87.8	-11	158.6
5730	5.6	86.2	-10	161.8
5740	5.4	84.6	-8	164.2
5750	5.6	82.9	-6	166.9
5760	4.5	81.2	-5	169.0
5770	5.0	79.5	-3	171.4
5780	4.6	77.8	-1	173.3
5790	3.3	76.0	0	175.4
5800	4.1	74.4	2	159.2
5810	15.9	72.7	4	143.4
5820	22.9	71.2	5	150.9
5830	15.3	70.0	6	117.6
5840	10.0	69.0	7	100.0
5850	9.9	68.1	8	85.7
5860	9.6	67.3	9	80.3
5870	8.0	66.7	10	62.8
5880	5.7	66.1	10	53.5

5890	2.7	65.7	11	45.5
5900	1.1	65.3	11	38.8
5910	0.9	64.9	12	36.4
5920	0.0	64.6	12	28.2
5930	0.0	64.4	12	24.2
5940	-0.1	64.1	12	22.6
5950	-0.3	64.0	12	17.8
5960	-5.6	63.8	13	16.5
5970	-9.8	63.7	13	10.6
5980	-2.7	63.6	13	5.5
5990	-3.7	63.6	13	3.9
6000	-9.8	63.6	13	0.7
6010	-9.2	63.6	13	-2.6
6020	-7.1	63.6	13	-6.1
6030	-8.4	63.7	13	-9.5
6040	-8.7	63.9	13	-13.8
6050	-8.4	64.1	12	-18.3
6060	-8.5	64.3	12	-22.3
6070	-9.1	64.6	12	-26.3
6080	-9.6	64.9	12	-37.8
6090	-10.2	65.3	11	-39.4
6100	-10.4	65.7	11	-40.4
6110	-10.8	66.2	10	-55.9
6120	-11.1	66.8	10	-56.4
6130	-11.0	67.4	9	-56.1
6140	-11.0	68.1	8	-74.8
6150	-10.7	68.8	8	-74.0
6160	-10.3	69.6	7	-71.8
6170	-10.8	70.4	6	-84.9
6180	-11.0	71.3	5	-90.5
6190	-10.6	72.2	4	-86.7
6200	-10.3	73.2	3	-91.3
6210	-11.0	74.3	2	-96.3
6220	-10.3	75.4	1	-112.8
6230	-10.0	76.6	0	-117.9
6240	-9.9	77.8	-1	-123.7
6250	-9.1	79.1	-3	-128.8
6260	-8.5	80.4	-4	-133.9
6270	-8.0	81.8	-5	-137.9
6280	-8.3	83.2	-7	-142.1
6290	-8.3	84.7	-8	-146.4
6300	-8.0	86.2	-10	-150.6
6310	-8.8	87.7	-11	-154.6
6320	-8.8	89.3	-13	-159.2
6330	-7.3	90.9	-14	-163.7
6340	-7.9	92.6	-16	-166.9
6350	-7.2	94.3	-18	-170.9
6360	-8.1	96.0	-20	-174.6
6370	-7.7	97.8	-21	-178.3
6380	-5.8	99.6	-23	-182.0
6390	-7.3	101.4	-25	-185.0
6400	-7.1	103.3	-27	-188.2
6410	-7.5	105.2	-29	-191.4
6420	-7.7	107.1	-31	-194.8

6430	-6.8	109.0	-33	-177.8
6440	-24.3	110.8	-34	-156.5
6450	-33.5	112.4	-36	-147.2
6460	-24.7	113.7	-37	-112.8
6470	-13.3	114.8	-38	-102.2
6480	-17.5	115.7	-39	-85.9
6490	-17.1	116.4	-40	-71.6
6500	-11.0	117.0	-41	-60.1
6510	-8.9	117.6	-41	-50.0
6520	-7.7	118.0	-42	-37.2
6530	-3.8	118.4	-42	-38.0
6540	-0.8	118.7	-42	-28.7
6550	-0.5	118.9	-42	-26.6
6560	-0.1	119.1	-43	-20.2
6570	0.0	119.3	-43	-18.6
6580	0.0	119.5	-43	-14.3
6590	0.0	119.6	-43	-10.9
6600	0.7	119.7	-43	-10.1
6610	9.8	119.8	-43	-7.7
6620	6.1	119.8	-43	-2.9
6630	1.8	119.8	-43	0.5
6640	6.9	119.8	-43	1.0
6650	7.5	119.8	-43	4.5
6660	5.3	119.7	-43	7.4
6670	6.4	119.6	-43	10.1
6680	6.6	119.5	-43	13.0
6690	5.8	119.3	-43	16.2
6700	5.7	119.1	-43	18.9
6710	6.0	118.9	-42	21.8
6720	6.6	118.6	-42	30.3
6730	6.9	118.3	-42	34.3
6740	6.9	117.9	-41	38.6
6750	8.0	117.6	-41	39.1
6760	8.9	117.1	-41	38.8
6770	8.3	116.7	-40	43.1
6780	7.9	116.1	-40	57.7
6790	8.5	115.6	-39	56.7
6800	8.4	115.0	-39	55.1
6810	8.0	114.3	-38	72.4
6820	8.3	113.6	-37	76.6
6830	8.8	112.9	-36	74.0
6840	8.8	112.2	-36	71.0
6850	9.6	111.3	-35	75.0
6860	9.6	110.5	-34	79.6
6870	8.9	109.6	-33	84.1
6880	9.4	108.6	-32	88.3
6890	9.6	107.5	-31	103.0
6900	8.4	106.4	-30	108.0
6910	8.0	105.3	-29	112.6
6920	7.7	104.2	-28	117.1
6930	8.0	103.0	-27	121.3
6940	8.1	101.7	-25	125.3
6950	7.6	100.4	-24	129.9
6960	7.7	99.1	-23	133.9

6970	8.1	97.7	-21	137.9
6980	7.1	96.3	-20	141.8
6990	5.8	94.9	-18	145.3
7000	6.4	93.4	-17	148.5
7010	6.0	91.9	-15	151.2
7020	4.6	90.4	-14	153.8
7030	5.0	88.8	-12	156.5
7040	5.0	87.2	-11	158.6
7050	3.8	85.6	-9	160.7
7060	3.7	84.0	-8	162.3
7070	3.8	82.4	-6	163.9
7080	3.0	80.7	-4	165.3
7090	2.8	79.1	-3	166.3
7100	1.8	77.4	-1	167.1
7110	1.4	75.7	1	167.4
7120	1.2	74.0	2	166.6
7130	6.9	72.6	4	148.8
7140	18.7	71.2	5	141.8
7150	11.3	70.1	6	111.5
7160	4.7	69.1	7	95.5
7170	6.9	68.2	8	82.5
7180	7.2	67.5	9	78.0
7190	5.3	66.9	10	61.2
7200	3.4	66.3	10	52.7
7210	0.3	65.8	11	45.2
7220	0.0	65.4	11	39.1
7230	0.0	65.1	11	30.3
7240	-0.3	64.8	12	29.0
7250	-4.9	64.5	12	25.0
7260	-10.2	64.3	12	21.0
7270	-3.1	64.2	12	14.1
7280	-2.4	64.0	12	11.1
7290	-8.8	63.9	13	9.5
7300	-7.3	63.9	13	4.5
7310	-4.5	63.9	13	0.7
7320	-8.1	63.9	13	-1.0
7330	-8.0	63.9	13	-4.7
7340	-5.7	64.0	12	-9.3
7350	-6.8	64.1	12	-11.4
7360	-8.8	64.2	12	-17.0
7370	-7.7	64.4	12	-22.0
7380	-7.9	64.6	12	-26.6
7390	-9.2	64.9	12	-28.7
7400	-9.5	65.2	11	-30.0
7410	-8.8	65.6	11	-34.8
7420	-9.8	66.0	10	-48.1
7430	-10.4	66.5	10	-48.9
7440	-9.9	67.0	9	-48.9
7450	-10.0	67.6	9	-65.7
7460	-11.3	68.2	8	-65.2
7470	-11.4	68.9	8	-64.1
7480	-11.0	69.7	7	-70.8
7490	-12.2	70.5	6	-74.8
7500	-12.2	71.4	5	-98.5

7510	-11.1	72.4	4	-105.6
7520	-11.9	73.4	3	-112.0
7530	-12.6	74.5	2	-119.0
7540	-11.5	75.6	1	-114.7
7550	-11.8	76.8	0	-121.3
7560	-12.9	78.0	-2	-127.7
7570	-12.3	79.4	-3	-134.7
7580	-11.4	80.8	-4	-141.6
7590	-11.5	82.2	-6	-147.7
7600	-11.9	83.8	-7	-153.8
7610	-11.0	85.4	-9	-160.2
7620	-11.3	87.0	-11	-166.1
7630	-10.7	88.7	-12	-172.2
7640	-10.4	90.5	-14	-177.3
7650	-9.2	92.3	-16	-182.3
7660	-8.9	94.1	-18	-187.1
7670	-11.0	96.0	-20	-191.9
7680	-9.9	98.0	-22	-197.2
7690	-7.7	100.0	-24	-201.7
7700	-8.8	102.1	-26	-206.0
7710	-8.7	104.2	-28	-210.0
7720	-8.3	106.3	-30	-214.0
7730	-8.7	108.5	-32	-218.3
7740	-18.2	110.5	-34	-182.8
7750	-37.4	112.2	-36	-170.1
7760	-34.8	113.8	-37	-153.6
7770	-16.0	114.9	-38	-113.4
7780	-17.6	115.9	-39	-92.6
7790	-19.1	116.7	-40	-76.4
7800	-14.1	117.4	-41	-55.9
7810	-9.5	117.9	-41	-50.5
7820	-8.3	118.3	-42	-37.2
7830	-4.7	118.7	-42	-33.8
7840	-1.2	119.0	-43	-27.4
7850	-0.3	119.2	-43	-24.2
7860	0.0	119.4	-43	-18.3
7870	0.0	119.6	-43	-13.5
7880	0.0	119.7	-43	-12.2
7890	0.3	119.8	-43	-9.3
7900	7.2	119.9	-43	-8.7
7910	6.1	119.9	-43	-3.9
7920	1.6	120.0	-44	0.2
7930	4.9	120.0	-44	-0.5
7940	8.5	119.9	-43	2.3
7950	6.1	119.9	-43	6.9
7960	5.3	119.8	-43	10.3
7970	6.6	119.7	-43	13.8
7980	7.1	119.5	-43	17.5
7990	5.4	119.3	-43	21.8
8000	5.7	119.1	-43	22.8
8010	6.4	118.9	-42	26.0
8020	6.8	118.6	-42	26.6
8030	7.1	118.3	-42	36.4
8040	7.6	117.9	-41	37.0

8050	8.4	117.5	-41	37.0
8060	8.5	117.0	-41	50.0
8070	8.3	116.6	-40	49.7
8080	8.4	116.0	-40	48.9
8090	8.1	115.5	-39	54.0
8100	8.1	114.8	-38	57.2
8110	8.0	114.1	-38	74.5
8120	8.0	113.4	-37	79.3
8130	8.0	112.7	-36	82.7
8140	8.4	111.9	-35	88.3
8150	8.5	111.1	-35	84.6
8160	8.5	110.2	-34	80.1
8170	8.0	109.3	-33	84.1
8180	8.0	108.3	-32	97.7
8190	8.3	107.3	-31	101.6
8200	6.8	106.2	-30	106.2
8210	6.8	105.1	-29	109.9
8220	6.6	104.0	-28	113.4
8230	6.9	102.8	-26	116.8
8240	6.6	101.6	-25	120.3
8250	6.5	100.4	-24	124.0
8260	6.6	99.1	-23	127.2
8270	6.9	97.8	-21	130.9
8280	6.8	96.5	-20	134.1
8290	5.8	95.1	-19	137.6
8300	5.7	93.7	-17	140.2
8310	6.0	92.3	-16	143.2
8320	4.9	90.9	-14	145.8
8330	4.9	89.4	-13	148.0
8340	5.7	87.9	-11	150.6
8350	4.5	86.4	-10	153.0
8360	4.3	84.8	-8	155.4
8370	4.5	83.3	-7	157.0
8380	4.1	81.7	-5	159.2
8390	4.2	80.1	-4	160.7
8400	4.3	78.4	-2	162.6
8410	2.6	76.8	0	164.2
8420	3.0	75.2	1	165.3
8430	5.7	73.6	3	144.8
8440	19.3	72.1	4	154.9
8450	18.0	70.9	6	122.4
8460	11.0	69.8	7	105.4
8470	10.8	68.8	8	90.7
8480	11.0	68.0	8	86.2
8490	9.8	67.3	9	68.1
8500	8.0	66.7	10	58.8
8510	5.0	66.2	10	50.3
8520	2.0	65.7	11	43.3
8530	1.2	65.3	11	37.5
8540	0.8	65.0	11	29.0
8550	0.0	64.7	12	27.9
8560	0.0	64.5	12	24.2
8570	0.0	64.2	12	18.9
8580	0.0	64.0	12	18.1

8590	-0.1	63.9	13	13.8
8600	-3.7	63.7	13	13.3
8610	-6.4	63.6	13	11.1
8620	-1.2	63.6	13	6.3
8630	-2.4	63.5	13	5.3
8640	-6.6	63.5	13	3.7
8650	-4.3	63.5	13	-0.2
8660	-5.4	63.5	13	-1.0
8670	-6.2	63.5	13	-3.9
8680	-4.5	63.5	13	-6.6
8690	-5.2	63.6	13	-8.2
8700	-7.2	63.7	13	-10.9
8710	-6.2	63.9	13	-14.3
8720	-6.5	64.1	12	-17.5
8730	-8.8	64.3	12	-25.2
8740	-8.8	64.6	12	-27.4
8750	-8.8	64.9	12	-29.0
8760	-9.5	65.2	11	-33.8
8770	-9.9	65.6	11	-38.3
8780	-10.3	66.1	10	-52.7
8790	-11.0	66.6	10	-53.5
8800	-11.4	67.2	9	-53.2
8810	-12.1	67.9	9	-71.6
8820	-12.5	68.6	8	-79.0
8830	-12.5	69.3	7	-78.8
8840	-13.2	70.1	6	-76.6
8850	-13.6	71.1	5	-101.1
8860	-12.7	72.1	4	-109.6
8870	-12.9	73.1	3	-117.1
8880	-13.3	74.2	2	-124.3
8890	-12.5	75.4	1	-132.0
8900	-12.7	76.7	0	-126.7
8910	-13.0	78.0	-2	-133.9
8920	-12.6	79.4	-3	-140.5
8930	-11.9	80.8	-4	-147.4
8940	-11.8	82.4	-6	-154.1
8950	-12.1	83.9	-7	-160.2
8960	-11.0	85.6	-9	-166.9
8970	-12.1	87.3	-11	-172.7
8980	-11.7	89.1	-13	-178.6
8990	-10.3	90.9	-14	-184.7
9000	-10.2	92.8	-16	-189.8
9010	-9.8	94.7	-18	-194.6
9020	-10.7	96.7	-20	-199.9
9030	-9.1	98.8	-22	-205.2
9040	-7.9	100.8	-24	-209.7
9050	-9.4	103.0	-27	-213.5
9060	-9.9	105.1	-29	-218.0
9070	-8.3	107.4	-31	-222.5
9080	-8.0	109.6	-33	-223.3
9090	-33.1	111.5	-35	-190.8
9100	-41.8	113.1	-37	-156.8
9110	-25.2	114.5	-38	-114.4
9120	-15.1	115.6	-39	-102.4

9130	-20.1	116.5	-40	-83.8
9140	-18.3	117.2	-41	-75.0
9150	-10.2	117.8	-41	-55.3
9160	-7.9	118.3	-42	-48.7
9170	-6.2	118.6	-42	-36.2
9180	-2.7	118.9	-42	-29.5
9190	0.0	119.2	-43	-23.6
9200	0.0	119.4	-43	-21.0
9210	0.0	119.6	-43	-15.9
9220	0.0	119.7	-43	-11.7
9230	0.0	119.8	-43	-11.4
9240	3.3	119.9	-43	-8.5
9250	7.3	119.9	-43	-5.3
9260	1.9	120.0	-44	-1.0
9270	0.9	120.0	-44	0.0
9280	8.8	120.0	-44	0.5
9290	6.4	119.9	-43	4.7
9300	4.5	119.9	-43	7.9
9310	6.2	119.8	-43	11.1
9320	6.9	119.7	-43	13.5
9330	5.7	119.5	-43	18.3
9340	5.0	119.3	-43	21.8
9350	5.4	119.1	-43	25.0
9360	5.6	118.8	-42	28.4
9370	6.4	118.5	-42	31.1
9380	6.5	118.2	-42	35.6
9390	6.6	117.9	-41	39.6
9400	7.3	117.5	-41	39.6
9410	7.6	117.1	-41	39.1
9420	6.6	116.6	-40	51.9
9430	6.2	116.1	-40	50.8
9440	6.4	115.6	-39	48.9
9450	6.1	115.0	-39	63.6
9460	5.8	114.4	-38	60.9
9470	6.4	113.8	-37	57.5
9480	6.4	113.1	-37	60.6
9490	6.2	112.4	-36	63.6
9500	6.9	111.7	-35	66.5
9510	7.2	110.9	-34	69.7
9520	6.5	110.1	-34	72.9
9530	6.2	109.3	-33	76.1
9540	6.2	108.4	-32	87.8
9550	6.1	107.5	-31	91.0
9560	5.7	106.5	-30	94.2
9570	6.1	105.6	-29	97.4
9580	5.7	104.6	-28	100.3
9590	5.7	103.6	-27	103.2
9600	6.1	102.5	-26	106.2
9610	6.4	101.4	-25	109.4
9620	6.0	100.3	-24	112.6
9630	6.0	99.2	-23	115.8
9640	5.8	98.0	-22	118.7
9650	5.8	96.8	-20	121.6
9660	5.2	95.5	-19	124.5

9670	5.3	94.3	-18	127.2
9680	5.7	93.0	-17	129.9
9690	5.4	91.6	-15	132.8
9700	5.8	90.3	-14	135.2
9710	6.2	88.9	-12	138.1
9720	5.7	87.5	-11	141.0
9730	5.2	86.1	-10	144.0
9740	5.7	84.6	-8	146.6
9750	5.2	83.1	-7	149.0
9760	4.6	81.6	-5	151.4
9770	5.3	80.1	-4	153.3
9780	5.0	78.5	-2	156.0
9790	3.7	77.0	-1	157.8
9800	4.3	75.4	1	159.7
9810	6.5	73.8	3	157.8
9820	18.4	72.4	4	140.2
9830	20.6	71.1	5	109.6
9840	13.3	70.0	6	105.9
9850	12.5	69.1	7	91.8
9860	12.7	68.3	8	79.8
9870	10.8	67.5	9	62.2
9880	10.0	66.9	10	60.1
9890	7.2	66.4	10	52.1
9900	4.5	65.9	11	44.9
9910	2.8	65.5	11	38.8
9920	2.4	65.1	11	37.2
9930	1.2	64.8	12	29.2
9940	0.1	64.6	12	25.5
9950	0.0	64.4	12	22.0
9960	0.0	64.2	12	17.0
9970	0.0	64.0	12	16.7
9980	-0.1	63.8	13	12.7
9990	-0.4	63.7	13	12.5
10000	-9.2	63.6	13	10.3
10010	-6.1	63.5	13	5.5
10020	-0.5	63.5	13	2.1
10030	-4.9	63.5	13	1.8
10040	-7.5	63.5	13	-1.0
10050	-4.6	63.5	13	-4.7
10060	-5.6	63.6	13	-7.1
10070	-8.3	63.7	13	-10.3
10080	-7.1	63.8	13	-14.9
10090	-7.1	64.0	12	-19.7
10100	-9.1	64.2	12	-21.2
10110	-9.2	64.4	12	-23.4
10120	-9.1	64.7	12	-27.9
10130	-10.7	65.1	11	-39.4
10140	-11.4	65.5	11	-41.7
10150	-11.0	65.9	11	-43.3
10160	-11.5	66.4	10	-48.9
10170	-12.5	67.1	9	-66.2
10180	-12.2	67.7	9	-66.8
10190	-12.6	68.4	8	-66.2
10200	-12.9	69.2	7	-88.3

10210	-13.2	70.0	6	-87.0
10220	-14.0	71.0	5	-84.3
10230	-13.3	72.0	4	-111.5
10240	-13.7	73.1	3	-119.0
10250	-14.4	74.2	2	-126.9
10260	-13.7	75.4	1	-135.2
10270	-14.1	76.7	0	-130.1
10280	-13.8	78.1	-2	-138.1
10290	-14.0	79.5	-3	-145.6
10300	-13.2	81.0	-5	-153.3
10310	-12.7	82.6	-6	-160.7
10320	-13.4	84.3	-8	-167.4
10330	-13.6	86.0	-10	-174.9
10340	-14.2	87.8	-11	-182.0
10350	-14.5	89.7	-13	-189.5
10360	-12.7	91.6	-15	-197.2
10370	-13.2	93.7	-17	-204.4
10380	-15.1	95.8	-19	-211.1
10390	-14.2	97.9	-21	-218.5
10400	-11.4	100.2	-24	-225.4
10410	-11.7	102.5	-26	-231.6
10420	-13.3	104.8	-28	-237.7
10430	-12.9	107.2	-31	-244.1
10440	-11.7	109.7	-33	-246.5
10450	-42.2	111.8	-35	-207.9
10460	-54.9	113.6	-37	-167.4
10470	-36.2	115.0	-39	-120.8
10480	-22.2	116.1	-40	-104.0
10490	-28.3	117.0	-41	-83.3
10500	-27.3	117.7	-41	-59.6
10510	-17.2	118.2	-42	-52.1
10520	-14.1	118.7	-42	-36.7
10530	-12.5	119.0	-43	-32.7
10540	-7.6	119.3	-43	-25.5
10550	-3.5	119.5	-43	-19.9
10560	-2.8	119.7	-43	-14.1
10570	-0.5	119.8	-43	-12.5
10580	0.0	119.9	-43	-8.7
10590	-0.1	120.0	-44	-8.5
10600	-0.1	120.0	-44	-6.1
10610	0.0	120.1	-44	-4.5
10620	0.3	120.1	-44	-3.4
10630	0.7	120.2	-44	-2.9
10640	5.6	120.2	-44	-2.1
10650	11.9	120.2	-44	1.3
10660	4.3	120.1	-44	6.1
10670	1.9	120.1	-44	8.2
10680	10.0	119.9	-43	11.9
10690	7.5	119.8	-43	17.0
10700	3.5	119.6	-43	19.9
10710	6.2	119.4	-43	19.7
10720	6.6	119.2	-43	22.6
10730	5.7	118.9	-42	31.4
10740	6.6	118.6	-42	31.9

10750	7.3	118.2	-42	31.9
10760	7.3	117.8	-41	35.4
10770	8.8	117.4	-41	47.9
10780	8.9	117.0	-41	48.1
10790	8.3	116.4	-40	47.3
10800	8.3	115.8	-39	63.0
10810	8.1	115.3	-39	61.7
10820	7.9	114.6	-38	59.6
10830	7.5	113.9	-37	77.4
10840	7.9	113.2	-37	74.0
10850	8.1	112.4	-36	84.9
10860	8.5	111.6	-35	91.0
10870	8.9	110.7	-34	96.1
10880	8.4	109.8	-33	101.1
10890	8.5	108.8	-32	105.9
10900	8.9	107.9	-31	100.8
10910	8.0	106.8	-30	105.4
10920	6.9	105.7	-29	109.9
10930	7.1	104.6	-28	113.6
10940	6.9	103.4	-27	117.4
10950	7.2	102.2	-26	121.1
10960	7.6	101.0	-25	124.8
10970	6.6	99.7	-23	128.3
10980	7.3	98.4	-22	131.7
10990	7.6	97.1	-21	135.5
11000	6.0	95.7	-19	139.5
11010	5.7	94.2	-18	142.6
11020	6.8	92.8	-16	145.6
11030	5.7	91.3	-15	148.8
11040	5.2	89.8	-13	151.2
11050	6.1	88.3	-12	153.8
11060	5.7	86.7	-10	156.5
11070	5.0	85.1	-9	159.2
11080	5.0	83.5	-7	161.5
11090	5.2	81.9	-5	163.9
11100	5.3	80.2	-4	166.1
11110	5.0	78.6	-2	168.5
11120	3.5	76.9	0	170.3
11130	3.7	75.1	1	172.2
11140	7.6	73.4	3	183.9
11150	21.2	72.0	4	145.8
11160	20.3	70.7	6	112.3
11170	11.4	69.6	7	107.2
11180	11.4	68.6	8	91.8
11190	11.8	67.8	9	79.0
11200	9.8	67.1	9	60.9
11210	8.1	66.5	10	58.0
11220	5.3	66.0	10	49.7
11230	2.4	65.6	11	42.3
11240	1.6	65.2	11	36.2
11250	1.2	64.8	12	28.2
11260	0.1	64.6	12	26.6
11270	0.0	64.3	12	23.1
11280	0.0	64.1	12	17.5

11290	0.0	63.9	13	18.6
11300	-0.1	63.8	13	14.3
11310	-0.8	63.7	13	13.5
11320	-10.2	63.6	13	9.8
11330	-4.3	63.5	13	5.5
11340	-0.8	63.5	13	2.6
11350	-6.6	63.4	13	1.3
11360	-6.6	63.5	13	-1.3
11370	-4.6	63.5	13	-3.9
11380	-5.7	63.5	13	-7.1
11390	-7.1	63.6	13	-10.6
11400	-6.4	63.8	13	-14.6
11410	-6.9	63.9	13	-18.9
11420	-8.4	64.1	12	-20.7
11430	-8.7	64.3	12	-22.6
11440	-9.2	64.6	12	-26.6
11450	-10.3	65.0	11	-38.3
11460	-10.7	65.4	11	-44.4
11470	-10.4	65.8	11	-46.3
11480	-11.4	66.3	10	-46.8
11490	-12.1	66.9	10	-64.1
11500	-11.4	67.5	9	-64.4
11510	-12.1	68.2	8	-63.6
11520	-12.6	68.9	8	-69.7
11530	-12.2	69.8	7	-75.6
11540	-12.9	70.7	6	-99.3
11550	-13.2	71.7	5	-105.6
11560	-12.3	72.7	4	-114.7
11570	-12.5	73.8	3	-121.6
11580	-13.0	74.9	2	-129.3
11590	-12.3	76.2	0	-124.3
11600	-11.9	77.5	-1	-131.2
11610	-12.6	78.8	-2	-137.6
11620	-11.9	80.2	-4	-144.5
11630	-10.8	81.7	-5	-150.6
11640	-11.0	83.3	-7	-156.5
11650	-11.5	84.9	-8	-162.1
11660	-10.7	86.6	-10	-167.9
11670	-9.6	88.3	-12	-173.8
11680	-10.4	90.1	-14	-178.9
11690	-8.4	91.9	-15	-183.6
11700	-7.9	93.8	-17	-188.4
11710	-9.8	95.7	-19	-192.2
11720	-8.7	97.6	-21	-196.7
11730	-6.2	99.6	-23	-200.9
11740	-6.5	101.7	-25	-204.1
11750	-6.6	103.7	-27	-206.3
11760	-6.0	105.8	-29	-209.5
11770	-4.9	107.9	-31	-212.1
11780	-6.8	109.9	-33	-185.0
11790	-28.5	111.7	-35	-173.5
11800	-31.5	113.2	-37	-129.1
11810	-14.2	114.5	-38	-117.9
11820	-12.3	115.6	-39	-95.8

11830	-14.0	116.4	-40	-71.8
11840	-10.6	117.0	-41	-66.2
11850	-5.7	117.6	-41	-59.3
11860	-3.5	118.1	-42	-44.4
11870	-0.3	118.5	-42	-32.7
11880	0.0	118.8	-42	-30.0
11890	0.0	119.1	-43	-22.3
11900	0.1	119.3	-43	-20.7
11910	5.2	119.4	-43	-15.1
11920	10.0	119.6	-43	-12.5
11930	2.6	119.6	-43	-5.8
11940	0.4	119.7	-43	-4.7
11950	9.2	119.7	-43	-3.1
11960	6.9	119.7	-43	1.0
11970	5.3	119.7	-43	4.2
11980	8.4	119.6	-43	7.4
11990	8.0	119.5	-43	11.9
12000	7.7	119.4	-43	17.0
12010	7.5	119.2	-43	21.8
12020	7.7	119.0	-43	23.6
12030	7.6	118.7	-42	25.0
12040	7.2	118.4	-42	35.4
12050	7.3	118.0	-42	39.9
12060	7.9	117.7	-41	40.1
12070	8.9	117.2	-41	39.9
12080	8.8	116.8	-40	43.9
12090	8.5	116.2	-40	58.8
12100	8.8	115.7	-39	58.3
12110	8.8	115.0	-39	56.7
12120	8.1	114.4	-38	74.2
12130	7.9	113.6	-37	79.0
12140	8.1	112.9	-36	68.4
12150	7.7	112.1	-36	72.1
12160	7.9	111.3	-35	75.8
12170	8.1	110.4	-34	79.6
12180	7.7	109.5	-33	83.3
12190	8.1	108.6	-32	87.0
12200	8.9	107.5	-31	100.8
12210	8.1	106.5	-30	105.6
12220	7.6	105.4	-29	109.9
12230	7.5	104.3	-28	114.2
12240	7.5	103.1	-27	117.9
12250	7.6	101.9	-25	121.6
12260	7.7	100.6	-24	125.9
12270	7.1	99.3	-23	129.6
12280	7.6	98.0	-22	133.1
12290	8.0	96.7	-20	136.8
12300	7.1	95.3	-19	141.0
12310	6.9	93.8	-17	144.2
12320	7.3	92.4	-16	148.0
12330	6.2	90.8	-14	151.4
12340	6.1	89.3	-13	154.6
12350	6.5	87.7	-11	157.6
12360	5.4	86.1	-10	160.7

12370	5.2	84.5	-8	163.4
12380	5.6	82.9	-6	165.5
12390	4.9	81.2	-5	167.7
12400	5.4	79.5	-3	170.1
12410	4.7	77.8	-1	172.5
12420	3.3	76.0	0	174.3
12430	4.1	74.4	2	158.1
12440	15.5	72.7	4	142.9
12450	23.2	71.3	5	137.3
12460	15.6	70.1	6	105.4
12470	10.6	69.0	7	99.8
12480	11.4	68.1	8	85.7
12490	10.8	67.4	9	73.4
12500	9.1	66.7	10	68.9
12510	7.9	66.2	10	47.9
12520	5.0	65.7	11	45.7
12530	3.3	65.3	11	38.8
12540	3.4	64.9	12	36.7
12550	2.6	64.6	12	28.7
12560	1.4	64.4	12	24.4
12570	1.6	64.2	12	20.7
12580	1.6	64.0	12	19.7
12590	0.8	63.8	13	15.1
12600	0.0	63.7	13	13.0
12610	0.0	63.6	13	9.8
12620	0.0	63.5	13	9.3
12630	-0.1	63.4	13	7.1
12640	-0.8	63.3	13	6.9
12650	-7.7	63.2	13	5.0
12660	-5.8	63.2	13	0.7
12670	-1.1	63.2	13	-1.3
12680	-5.7	63.2	13	-0.7
12690	-7.9	63.3	13	-4.2
12700	-5.0	63.4	13	-7.7
12710	-6.6	63.5	13	-11.9
12720	-10.4	63.6	13	-17.0
12730	-9.4	63.8	13	-22.6
12740	-9.4	64.0	12	-25.8
12750	-11.7	64.3	12	-27.6
12760	-12.5	64.7	12	-40.9
12770	-12.2	65.1	11	-43.6
12780	-13.3	65.6	11	-45.5
12790	-14.2	66.2	10	-63.6
12800	-14.2	66.8	10	-65.2
12810	-14.4	67.5	9	-65.4
12820	-15.2	68.3	8	-88.3
12830	-15.3	69.2	7	-88.6
12840	-15.2	70.1	6	-87.0
12850	-15.6	71.2	5	-115.2
12860	-15.1	72.3	4	-124.5
12870	-14.4	73.4	3	-120.5
12880	-15.1	74.7	2	-115.8
12890	-14.4	76.1	0	-136.3
12900	-13.7	77.5	-1	-144.0

12910	-13.6	79.0	-3	-151.4
12920	-12.5	80.6	-4	-159.2
12930	-11.4	82.2	-6	-165.8
12940	-11.1	83.9	-7	-171.4
12950	-11.0	85.7	-9	-177.8
12960	-11.1	87.5	-11	-183.4
12970	-10.6	89.4	-13	-188.7
12980	-8.7	91.3	-15	-194.0
12990	-8.5	93.3	-17	-198.6
13000	-9.1	95.3	-19	-202.3
13010	-8.5	97.4	-21	-206.5
13020	-6.1	99.5	-23	-210.8
13030	-5.7	101.6	-25	-213.2
13040	-5.6	103.7	-27	-215.6
13050	-6.4	105.9	-29	-218.0
13060	-5.0	108.1	-32	-220.9
13070	-8.9	110.3	-34	-233.2
13080	-33.4	112.0	-36	-175.7
13090	-35.3	113.5	-37	-144.8
13100	-14.5	114.8	-38	-128.3
13110	-15.1	115.8	-39	-95.0
13120	-18.3	116.6	-40	-78.0
13130	-13.6	117.3	-41	-69.7
13140	-9.2	117.8	-41	-51.6
13150	-9.1	118.3	-42	-46.0
13160	-6.1	118.6	-42	-34.3
13170	-2.3	118.9	-42	-24.7
13180	-0.9	119.2	-43	-22.3
13190	-0.8	119.3	-43	-16.5
13200	0.0	119.5	-43	-16.5
13210	0.0	119.6	-43	-12.5
13220	0.0	119.7	-43	-9.0
13230	0.0	119.8	-43	-8.7
13240	0.4	119.9	-43	-6.6
13250	2.6	120.0	-44	-4.7
13260	12.9	120.0	-44	-1.8
13270	6.5	120.0	-44	2.9
13280	3.7	119.9	-43	5.0
13290	8.9	119.8	-43	7.4
13300	7.7	119.7	-43	11.4
13310	7.6	119.6	-43	15.4
13320	7.6	119.4	-43	19.1
13330	7.6	119.1	-43	23.1
13340	7.5	118.8	-42	29.2
13350	7.6	118.5	-42	37.0
13360	7.6	118.1	-42	41.5
13370	7.9	117.7	-41	41.7
13380	9.2	117.3	-41	41.5
13390	9.1	116.8	-40	56.1
13400	8.4	116.2	-40	61.2
13410	8.9	115.7	-39	60.1
13420	9.4	115.0	-39	58.5
13430	8.3	114.3	-38	62.8
13440	8.0	113.6	-37	74.2

13450	8.4	112.8	-36	78.5
13460	8.0	112.0	-36	91.3
13470	8.3	111.1	-35	96.1
13480	8.9	110.2	-34	91.5
13490	8.8	109.3	-33	86.5
13500	9.2	108.2	-32	101.1
13510	9.6	107.2	-31	105.9
13520	8.4	106.1	-30	111.0
13530	8.0	105.0	-29	115.5
13540	7.7	103.8	-27	119.8
13550	7.9	102.5	-26	124.0
13560	7.9	101.3	-25	128.0
13570	7.1	99.9	-23	132.3
13580	7.6	98.6	-22	136.0
13590	8.0	97.2	-21	139.7
13600	7.1	95.8	-19	144.0
13610	6.6	94.3	-18	147.7
13620	7.3	92.8	-16	150.9
13630	6.2	91.3	-15	154.4
13640	5.6	89.7	-13	157.6
13650	6.4	88.1	-12	160.2
13660	5.0	86.5	-10	163.1
13670	4.7	84.8	-8	165.3
13680	4.9	83.2	-7	167.4
13690	3.9	81.5	-5	169.8
13700	4.9	79.8	-3	171.7
13710	4.7	78.0	-2	173.8
13720	3.0	76.3	0	175.7
13730	3.5	74.6	2	158.9
13740	12.7	72.9	4	146.4
13750	22.4	71.4	5	140.8
13760	16.4	70.2	6	108.0
13770	10.3	69.1	7	102.4
13780	10.3	68.2	8	87.5
13790	10.3	67.4	9	75.0
13800	8.7	66.8	10	64.1
13810	6.5	66.2	10	59.6
13820	3.3	65.7	11	41.5
13830	1.1	65.3	11	39.4
13840	0.8	65.0	11	33.8
13850	0.0	64.7	12	29.0
13860	0.0	64.4	12	26.8
13870	0.0	64.2	12	21.0
13880	-0.1	64.0	12	19.4
13890	-0.8	63.8	13	15.1
13900	-9.4	63.7	13	13.5
13910	-3.3	63.6	13	7.9
13920	-0.3	63.6	13	5.3
13930	-6.8	63.5	13	5.5
13940	-6.4	63.5	13	1.5
13950	-4.6	63.5	13	-0.5
13960	-6.6	63.5	13	-2.6
13970	-6.5	63.6	13	-5.8
13980	-6.5	63.6	13	-8.7

13990	-8.3	63.8	13	-11.9
14000	-7.9	63.9	13	-15.9
14010	-8.4	64.1	12	-19.9
14020	-9.9	64.4	12	-26.6
14030	-10.6	64.7	12	-28.4
14040	-10.3	65.1	11	-40.9
14050	-10.6	65.5	11	-42.8
14060	-11.4	65.9	11	-43.9
14070	-11.4	66.5	10	-60.6
14080	-11.3	67.1	9	-60.9
14090	-11.4	67.7	9	-60.1
14100	-11.9	68.4	8	-66.0
14110	-11.9	69.2	7	-79.8
14120	-11.9	70.1	6	-77.7
14130	-12.7	71.0	5	-101.6
14140	-11.9	72.0	4	-107.8
14150	-12.1	73.0	3	-116.0
14160	-12.6	74.1	2	-123.2
14170	-12.1	75.3	1	-130.1
14180	-11.7	76.5	0	-125.1
14190	-11.7	77.8	-1	-131.5
14200	-11.7	79.2	-3	-137.6
14210	-10.7	80.6	-4	-143.7
14220	-10.2	82.1	-6	-149.6
14230	-10.6	83.7	-7	-154.9
14240	-10.4	85.2	-9	-160.5
14250	-10.6	86.9	-10	-165.8
14260	-9.6	88.6	-12	-171.1
14270	-9.9	90.3	-14	-176.2
14280	-8.5	92.1	-16	-181.0
14290	-7.7	94.0	-18	-185.5
14300	-9.8	95.9	-19	-189.2
14310	-8.4	97.8	-21	-193.8
14320	-6.1	99.8	-23	-197.8
14330	-6.9	101.8	-25	-200.9
14340	-7.3	103.8	-27	-204.1
14350	-7.2	105.9	-29	-207.1
14360	-6.4	108.0	-32	-210.8
14370	-9.2	109.9	-33	-183.6
14380	-32.0	111.7	-35	-172.2
14390	-35.0	113.3	-37	-157.0
14400	-17.5	114.5	-38	-117.6
14410	-16.1	115.5	-39	-96.3
14420	-20.1	116.3	-40	-80.1
14430	-16.4	117.0	-41	-59.1
14440	-9.9	117.6	-41	-54.3
14450	-10.0	118.1	-42	-39.9
14460	-8.1	118.5	-42	-36.7
14470	-3.9	118.8	-42	-26.8
14480	-2.0	119.0	-43	-24.7
14490	-2.2	119.3	-43	-18.6
14500	-0.9	119.4	-43	-18.3
14510	-0.1	119.6	-43	-13.8
14520	-0.7	119.7	-43	-12.5

14530	-0.9	119.8	-43	-9.5
14540	0.1	119.9	-43	-6.9
14550	0.0	120.0	-44	-6.9
14560	0.4	120.0	-44	-5.5
14570	0.8	120.0	-44	-3.7
14580	11.4	120.1	-44	-2.6
14590	8.7	120.1	-44	2.3
14600	2.0	120.0	-44	5.5
14610	2.6	120.0	-44	6.6
14620	8.4	119.9	-43	8.2
14630	5.8	119.7	-43	12.2
14640	3.9	119.6	-43	18.1
14650	7.1	119.4	-43	20.4
14660	6.4	119.2	-43	22.3
14670	6.1	118.9	-42	23.1
14680	7.5	118.6	-42	31.9
14690	7.7	118.3	-42	33.2
14700	8.0	118.0	-42	33.8
14710	8.3	117.6	-41	37.8
14720	8.4	117.1	-41	41.5
14730	8.1	116.6	-40	55.9
14740	8.4	116.1	-40	55.1
14750	8.7	115.5	-39	53.5
14760	8.3	114.9	-38	58.0
14770	8.5	114.2	-38	75.6
14780	9.1	113.4	-37	80.3
14790	8.9	112.7	-36	85.7
14800	8.8	111.9	-35	82.5
14810	9.8	111.0	-35	78.5
14820	9.8	110.1	-34	83.3
14830	8.9	109.2	-33	87.5
14840	9.2	108.1	-32	101.9
14850	8.9	107.1	-31	107.0
14860	8.4	106.0	-30	111.8
14870	8.0	104.8	-28	116.3
14880	7.9	103.6	-27	120.5
14890	8.1	102.4	-26	124.8
14900	8.1	101.1	-25	129.3
14910	7.5	99.8	-23	133.3
14920	7.9	98.4	-22	137.1
14930	7.6	97.0	-21	141.0
14940	6.6	95.6	-19	145.3
14950	6.2	94.1	-18	148.5
14960	6.9	92.6	-16	151.7
14970	6.4	91.0	-15	154.9
14980	5.6	89.5	-13	157.8
14990	6.2	87.9	-11	160.7
15000	5.6	86.2	-10	163.4
15010	5.0	84.6	-8	166.1
15020	5.6	82.9	-6	168.2
15030	4.9	81.2	-5	170.6
15040	5.3	79.5	-3	172.7
15050	4.7	77.7	-1	174.9
15060	3.3	76.0	0	177.3

15070	4.3	74.3	2	160.7
15080	17.5	72.6	4	144.2
15090	24.8	71.2	5	138.4
15100	16.5	69.9	7	116.8
15110	12.2	68.9	8	89.4
15120	12.9	68.0	8	85.4
15130	12.2	67.2	9	72.9
15140	10.4	66.6	10	68.1
15150	8.5	66.0	10	52.9
15160	5.4	65.6	11	44.9
15170	3.7	65.2	11	38.3
15180	3.8	64.8	12	35.9
15190	2.8	64.5	12	27.9
15200	1.5	64.3	12	23.9
15210	1.8	64.1	12	19.9
15220	1.8	63.9	13	15.4
15230	0.8	63.8	13	14.6
15240	0.0	63.6	13	13.8
15250	0.0	63.5	13	10.3
15260	0.0	63.4	13	9.8
15270	-0.1	63.3	13	7.7
15280	-1.1	63.3	13	7.4
15290	-10.0	63.2	13	5.0
15300	-4.7	63.2	13	-0.2
15310	-1.1	63.2	13	-1.3
15320	-4.5	63.2	13	-1.5
15330	-6.6	63.3	13	-3.9
15340	-4.2	63.3	13	-6.9
15350	-4.6	63.4	13	-10.1
15360	-7.2	63.6	13	-11.7
15370	-6.5	63.7	13	-18.1
15380	-6.6	63.9	13	-19.9
15390	-7.9	64.1	12	-21.2
15400	-8.3	64.4	12	-30.6
15410	-8.5	64.7	12	-32.2
15420	-9.4	65.1	11	-33.0
15430	-9.8	65.5	11	-37.5
15440	-10.0	65.9	11	-51.9
15450	-10.7	66.4	10	-52.7
15460	-11.3	67.0	9	-52.4
15470	-11.4	67.7	9	-70.5
15480	-12.1	68.4	8	-77.4
15490	-12.2	69.1	7	-76.9
15500	-12.2	69.9	7	-75.0
15510	-13.3	70.8	6	-98.7
15520	-13.0	71.8	5	-104.8
15530	-12.6	72.8	4	-113.9
15540	-13.3	73.9	3	-121.1
15550	-13.6	75.0	1	-129.1
15560	-13.4	76.3	0	-124.5
15570	-13.4	77.6	-1	-132.0
15580	-14.1	78.9	-2	-139.2
15590	-13.6	80.4	-4	-147.4
15600	-12.5	81.9	-5	-154.1

15610	-12.9	83.5	-7	-161.3
15620	-13.3	85.2	-9	-167.9
15630	-13.4	86.9	-10	-174.9
15640	-12.7	88.7	-12	-182.3
15650	-12.9	90.6	-14	-188.7
15660	-12.3	92.5	-16	-195.6
15670	-11.8	94.5	-18	-202.0
15680	-13.6	96.6	-20	-208.4
15690	-12.1	98.7	-22	-215.1
15700	-9.9	100.9	-24	-220.9
15710	-10.6	103.2	-27	-226.2
15720	-12.3	105.5	-29	-231.6
15730	-11.1	107.8	-31	-237.4
15740	-12.5	110.1	-34	-213.7
15750	-44.5	112.1	-36	-191.9
15760	-50.4	113.8	-37	-139.2
15770	-26.7	115.1	-39	-123.5
15780	-23.5	116.2	-40	-96.9
15790	-27.9	116.9	-40	-70.5
15800	-26.0	117.6	-41	-63.3
15810	-16.5	118.2	-42	-54.8
15820	-15.2	118.6	-42	-39.9
15830	-14.4	118.9	-42	-35.1
15840	-9.6	119.2	-43	-25.2
15850	-6.4	119.4	-43	-21.8
15860	-6.8	119.6	-43	-16.2
15870	-5.6	119.7	-43	-12.7
15880	-4.1	119.8	-43	-10.1
15890	-4.3	119.9	-43	-7.4
15900	-5.6	120.0	-44	-6.6
15910	-6.0	120.0	-44	-5.3
15920	-4.2	120.1	-44	-4.5
15930	-2.0	120.1	-44	-3.4
15940	0.0	120.1	-44	-2.3
15950	0.1	120.1	-44	-1.8
15960	0.5	120.2	-44	-1.3
15970	0.7	120.2	-44	-1.3
15980	1.4	120.2	-44	-0.5
15990	11.3	120.2	-44	1.0
16000	4.6	120.1	-44	5.0
16010	-0.8	120.1	-44	7.9
16020	2.3	120.0	-44	7.7
16030	7.5	119.9	-43	9.5
16040	4.7	119.8	-43	12.2
16050	3.7	119.7	-43	15.1
16060	6.9	119.5	-43	15.4
16070	7.3	119.3	-43	18.6
16080	6.5	119.1	-43	26.8
16090	6.4	118.8	-42	27.9
16100	7.5	118.5	-42	28.4
16110	7.2	118.1	-42	35.4
16120	6.5	117.7	-41	43.6
16130	7.2	117.3	-41	47.3
16140	7.2	116.9	-40	46.8

16150	7.3	116.4	-40	45.7
16160	7.3	115.8	-39	60.1
16170	7.3	115.3	-39	58.5
16180	8.1	114.7	-38	56.1
16190	8.0	114.0	-38	73.4
16200	8.3	113.3	-37	78.0
16210	8.3	112.6	-36	75.3
16220	8.3	111.8	-35	71.8
16230	8.4	110.9	-34	75.6
16240	8.0	110.1	-34	79.3
16250	7.6	109.1	-33	83.3
16260	8.0	108.1	-32	96.6
16270	8.3	107.1	-31	100.8
16280	7.9	106.1	-30	105.4
16290	7.6	105.0	-29	109.4
16300	7.3	103.9	-27	113.6
16310	7.7	102.7	-26	117.4
16320	7.9	101.5	-25	121.6
16330	6.8	100.3	-24	125.6
16340	7.1	99.0	-23	129.1
16350	7.1	97.7	-21	132.8
16360	6.5	96.3	-20	136.3
16370	6.1	94.9	-18	139.5
16380	6.8	93.5	-17	142.4
16390	6.5	92.1	-16	145.8
16400	5.8	90.6	-14	149.0
16410	6.6	89.1	-13	151.7
16420	6.8	87.5	-11	154.9
16430	5.6	86.0	-10	158.4
16440	5.4	84.3	-8	161.0
16450	5.8	82.7	-6	163.7
16460	5.0	81.1	-5	166.1
16470	5.6	79.4	-3	168.2
16480	5.0	77.7	-1	170.9
16490	3.7	76.0	0	173.3
16500	5.0	74.3	2	156.8
16510	17.5	72.7	4	141.3
16520	24.3	71.2	5	147.2
16530	17.0	70.0	6	116.6
16540	12.7	69.0	7	99.5
16550	13.7	68.1	8	85.1
16560	12.3	67.4	9	65.7
16570	10.7	66.7	10	62.8
16580	9.2	66.1	10	53.5
16590	5.4	65.7	11	45.5
16600	3.9	65.3	11	39.1
16610	4.3	64.9	12	30.0
16620	3.3	64.6	12	28.7
16630	1.8	64.4	12	24.7
16640	1.8	64.1	12	20.7
16650	1.8	64.0	12	16.2
16660	0.8	63.8	13	15.4
16670	-0.3	63.7	13	14.1
16680	0.0	63.5	13	10.9

16690	-0.1	63.4	13	8.7
16700	-0.7	63.4	13	8.7
16710	-6.0	63.3	13	6.9
16720	-8.8	63.2	13	2.6
16730	-0.8	63.3	13	-1.0
16740	-2.0	63.3	13	-1.0
16750	-7.6	63.3	13	-2.6
16760	-4.6	63.4	13	-5.8
16770	-3.7	63.4	13	-8.2
16780	-7.2	63.5	13	-10.3
16790	-6.6	63.7	13	-13.8
16800	-6.0	63.9	13	-17.0
16810	-7.6	64.1	12	-24.4
16820	-7.9	64.3	12	-26.0
16830	-7.6	64.6	12	-26.8
16840	-8.8	65.0	11	-37.5
16850	-9.1	65.3	11	-38.8
16860	-8.5	65.7	11	-43.9
16870	-9.9	66.2	10	-43.9
16880	-10.6	66.8	10	-59.3
16890	-10.0	67.3	9	-59.1
16900	-11.0	68.0	8	-58.0
16910	-11.7	68.7	8	-77.4
16920	-11.1	69.4	7	-76.6
16930	-11.4	70.2	6	-74.0
16940	-11.9	71.1	5	-97.1
16950	-11.5	72.0	4	-103.2
16960	-11.4	73.0	3	-111.0
16970	-11.8	74.1	2	-117.6
16980	-11.1	75.2	1	-124.5
16990	-11.3	76.4	0	-119.2
17000	-11.4	77.6	-1	-125.6
17010	-11.0	78.9	-2	-131.2
17020	-10.6	80.3	-4	-137.6
17030	-9.9	81.7	-5	-143.2
17040	-9.9	83.2	-7	-148.5
17050	-9.9	84.7	-8	-153.6
17060	-9.4	86.3	-10	-158.9
17070	-9.5	87.9	-11	-163.7
17080	-10.0	89.6	-13	-168.5
17090	-8.1	91.3	-15	-173.8
17100	-8.5	93.1	-17	-177.8
17110	-9.4	94.9	-18	-181.8
17120	-8.3	96.7	-20	-186.3
17130	-7.7	98.6	-22	-191.1
17140	-6.9	100.6	-24	-194.3
17150	-7.2	102.5	-26	-197.5
17160	-6.9	104.5	-28	-200.9
17170	-6.5	106.6	-30	-204.1
17180	-7.2	108.5	-32	-186.3
17190	-17.9	110.5	-34	-171.1
17200	-34.2	112.2	-36	-160.0
17210	-31.3	113.7	-37	-145.8
17220	-15.5	114.7	-38	-109.1

17230	-18.4	115.7	-39	-90.2
17240	-19.8	116.5	-40	-82.5
17250	-15.6	117.1	-41	-62.2
17260	-12.6	117.7	-41	-55.9
17270	-12.7	118.1	-42	-42.3
17280	-10.0	118.5	-42	-38.3
17290	-7.1	118.8	-42	-28.7
17300	-7.6	119.0	-43	-23.6
17310	-6.6	119.2	-43	-19.9
17320	-5.6	119.4	-43	-17.8
17330	-5.0	119.6	-43	-13.5
17340	-5.2	119.7	-43	-10.1
17350	-4.2	119.8	-43	-10.1
17360	-2.0	119.9	-43	-7.4
17370	-0.5	119.9	-43	-5.3
17380	0.0	120.0	-44	-5.0
17390	0.0	120.0	-44	-4.2
17400	0.5	120.0	-44	-2.9
17410	0.9	120.1	-44	-2.3
17420	11.8	120.1	-44	-1.0
17430	7.3	120.1	-44	3.1
17440	0.3	120.0	-44	6.1
17450	2.4	119.9	-43	6.3
17460	8.3	119.9	-43	7.9
17470	4.9	119.7	-43	11.7
17480	4.1	119.6	-43	17.5
17490	8.0	119.4	-43	20.2
17500	7.1	119.2	-43	24.4
17510	6.1	118.9	-42	26.0
17520	7.6	118.7	-42	26.6
17530	7.7	118.3	-42	30.3
17540	7.2	117.9	-41	41.7
17550	8.0	117.6	-41	42.0
17560	8.3	117.1	-41	41.5
17570	7.6	116.6	-40	55.6
17580	8.1	116.1	-40	54.5
17590	8.4	115.5	-39	64.1
17600	8.0	114.9	-38	63.6
17610	8.8	114.2	-38	60.9
17620	8.7	113.5	-37	65.2
17630	8.4	112.7	-36	69.7
17640	8.9	111.9	-35	89.7
17650	9.2	111.0	-35	94.5
17660	8.8	110.2	-34	90.5
17670	8.8	109.2	-33	85.7
17680	8.9	108.2	-32	99.8
17690	9.2	107.2	-31	104.6
17700	8.5	106.1	-30	109.6
17710	8.1	105.0	-29	114.2
17720	8.1	103.8	-27	118.7
17730	8.5	102.6	-26	123.2
17740	8.5	101.3	-25	127.5
17750	7.5	100.0	-24	132.0
17760	7.9	98.6	-22	136.0

17770	8.3	97.2	-21	140.0
17780	7.3	95.8	-19	144.5
17790	7.6	94.3	-18	148.0
17800	8.1	92.8	-16	152.0
17810	7.1	91.3	-15	156.0
17820	7.1	89.7	-13	159.7
17830	8.1	88.1	-12	162.9
17840	6.2	86.4	-10	166.9
17850	6.2	84.7	-8	170.1
17860	6.8	83.0	-7	173.0
17870	5.6	81.2	-5	176.2
17880	6.1	79.5	-3	178.6
17890	5.8	77.7	-1	181.5
17900	4.2	75.8	1	184.2
17910	5.3	74.0	2	184.7
17920	21.3	72.4	4	163.9
17930	26.6	70.8	6	153.3
17940	17.6	69.7	7	118.4
17950	14.9	68.6	8	99.8
17960	15.7	67.7	9	84.6
17970	13.7	67.0	9	79.0
17980	12.3	66.4	10	60.4
17990	10.3	65.8	11	51.3
18000	6.1	65.4	11	43.3
18010	4.2	65.0	11	36.7
18020	3.9	64.6	12	30.8
18030	2.8	64.4	12	26.3
18040	1.8	64.2	12	22.0
18050	1.2	64.0	12	18.9
18060	0.8	63.8	13	17.3
18070	-0.1	63.7	13	13.3
18080	0.0	63.5	13	12.2
18090	-0.1	63.4	13	9.5
18100	-0.5	63.4	13	7.9
18110	-2.7	63.3	13	6.1
18120	-11.0	63.2	13	3.7
18130	-2.0	63.2	13	-1.3
18140	-1.6	63.3	13	-1.5
18150	-8.7	63.3	13	-2.9
18160	-6.5	63.3	13	-6.3
18170	-3.5	63.4	13	-10.9
18180	-7.6	63.6	13	-11.9
18190	-9.2	63.7	13	-18.9
18200	-6.5	63.9	13	-23.9
18210	-8.0	64.2	12	-25.5
18220	-10.3	64.5	12	-26.8
18230	-9.2	64.8	12	-38.8
18240	-8.9	65.2	11	-44.4
18250	-10.2	65.6	11	-45.5
18260	-10.8	66.1	10	-45.7
18270	-9.9	66.7	10	-62.5
18280	-10.3	67.3	9	-62.0
18290	-11.5	68.0	8	-60.6
18300	-10.8	68.7	8	-73.4

18310	-10.6	69.5	7	-87.3
18320	-11.8	70.3	6	-84.9
18330	-11.9	71.2	5	-81.9
18340	-10.6	72.2	4	-107.5
18350	-11.0	73.2	3	-112.8
18360	-12.1	74.3	2	-119.8
18370	-10.0	75.4	1	-126.4
18380	-10.6	76.6	0	-120.3
18390	-11.4	77.9	-1	-126.1
18400	-10.6	79.2	-3	-132.0
18410	-9.5	80.5	-4	-137.9
18420	-10.0	81.9	-5	-142.6
18430	-10.2	83.4	-7	-148.0
18440	-9.2	84.9	-8	-153.3
18450	-9.4	86.5	-10	-158.1
18460	-9.6	88.1	-12	-162.9
18470	-9.2	89.8	-13	-167.7
18480	-7.2	91.5	-15	-172.2
18490	-8.5	93.2	-17	-176.2
18500	-9.1	95.0	-19	-180.2
18510	-7.3	96.9	-20	-184.4
18520	-7.5	98.7	-22	-188.4
18530	-7.2	100.6	-24	-191.6
18540	-6.6	102.6	-26	-195.1
18550	-6.4	104.6	-28	-198.3
18560	-6.8	106.6	-30	-201.2
18570	-6.9	108.5	-32	-183.9
18580	-17.1	110.5	-34	-169.3
18590	-33.4	112.1	-36	-158.6
18600	-30.1	113.6	-37	-145.0
18610	-14.4	114.7	-38	-109.1
18620	-18.0	115.6	-39	-90.5
18630	-20.5	116.4	-40	-75.8
18640	-14.5	117.1	-41	-56.1
18650	-9.5	117.6	-41	-51.6
18660	-10.3	118.1	-42	-38.6
18670	-7.9	118.4	-42	-39.1
18680	-3.9	118.7	-42	-29.2
18690	-3.3	119.0	-43	-24.2
18700	-3.0	119.2	-43	-20.2
18710	-1.9	119.4	-43	-15.4
18720	-0.9	119.5	-43	-15.1
18730	-1.2	119.7	-43	-11.7
18740	-0.7	119.8	-43	-10.3
18750	0.1	119.8	-43	-7.9
18760	0.0	119.9	-43	-5.8
18770	0.7	120.0	-44	-5.5
18780	3.8	120.0	-44	-4.2
18790	13.8	120.0	-44	0.2
18800	5.7	120.0	-44	5.5
18810	1.4	119.9	-43	9.0
18820	10.4	119.8	-43	9.8
18830	7.3	119.7	-43	16.2
18840	4.9	119.5	-43	18.3

18850	7.6	119.3	-43	19.4
18860	7.9	119.0	-43	27.9
18870	6.9	118.8	-42	29.8
18880	8.1	118.4	-42	30.3
18890	8.8	118.1	-42	34.3
18900	8.7	117.6	-41	47.3
18910	9.8	117.2	-41	47.3
18920	9.9	116.7	-40	47.3
18930	9.2	116.1	-40	63.6
18940	10.0	115.5	-39	68.4
18950	10.0	114.8	-38	75.0
18960	9.1	114.1	-38	81.1
18970	10.0	113.3	-37	78.8
18980	10.6	112.5	-36	75.6
18990	9.8	111.6	-35	80.3
19000	10.4	110.6	-34	103.8
19010	10.4	109.7	-33	109.9
19020	9.5	108.6	-32	116.0
19030	10.4	107.5	-31	110.4
19040	9.9	106.4	-30	116.0
19050	8.4	105.2	-29	121.3
19060	8.5	103.9	-27	126.1
19070	8.7	102.6	-26	130.7
19080	8.3	101.3	-25	134.9
19090	7.2	99.9	-23	139.5
19100	7.9	98.5	-22	142.9
19110	7.3	97.0	-21	146.9
19120	6.2	95.5	-19	150.9
19130	6.4	94.0	-18	153.8
19140	6.5	92.4	-16	157.0
19150	5.2	90.8	-14	160.0
19160	5.3	89.2	-13	162.3
19170	5.7	87.6	-11	165.0
19180	4.1	85.9	-9	167.4
19190	3.5	84.2	-8	169.3
19200	3.9	82.5	-6	170.3
19210	3.0	80.8	-4	171.9
19220	3.0	79.1	-3	173.0
19230	2.2	77.3	-1	173.8
19240	1.8	75.6	1	174.3
19250	2.0	73.9	3	190.0
19260	15.9	72.4	4	153.0
19270	20.2	71.0	5	118.2
19280	11.1	69.8	7	112.8
19290	8.9	68.8	8	96.1
19300	10.4	67.9	9	90.5
19310	8.0	67.2	9	70.8
19320	5.7	66.6	10	60.4
19330	4.9	66.1	10	51.6
19340	2.3	65.6	11	44.1
19350	0.4	65.2	11	41.2
19360	0.3	64.9	12	32.2
19370	0.0	64.6	12	27.6
19380	0.0	64.3	12	21.2

19390	-0.1	64.1	12	20.2
19400	-0.5	63.9	13	15.7
19410	-10.0	63.8	13	14.1
19420	-5.0	63.7	13	8.5
19430	-0.9	63.6	13	7.1
19440	-6.5	63.6	13	5.5
19450	-8.3	63.5	13	1.0
19460	-5.2	63.5	13	-1.5
19470	-7.2	63.6	13	-3.7
19480	-9.4	63.6	13	-7.1
19490	-7.1	63.8	13	-11.4
19500	-8.3	63.9	13	-15.1
19510	-10.6	64.1	12	-23.4
19520	-9.6	64.4	12	-26.6
19530	-9.4	64.7	12	-28.7
19540	-11.4	65.1	11	-40.7
19550	-11.4	65.4	11	-43.1
19560	-10.2	65.9	11	-44.4
19570	-11.4	66.5	10	-60.6
19580	-11.8	67.1	9	-60.9
19590	-10.7	67.7	9	-60.4
19600	-11.0	68.4	8	-65.7
19610	-12.1	69.2	7	-87.0
19620	-11.7	70.1	6	-93.7
19630	-12.2	70.9	6	-91.0
19640	-11.9	71.9	5	-87.8
19650	-11.7	72.9	4	-93.4
19660	-11.4	74.0	2	-99.0
19670	-11.3	75.2	1	-116.3
19680	-11.3	76.4	0	-122.4
19690	-11.0	77.7	-1	-128.8
19700	-11.1	79.0	-3	-134.7
19710	-10.8	80.4	-4	-140.8
19720	-10.0	81.8	-5	-146.1
19730	-10.3	83.4	-7	-152.0
19740	-10.6	84.9	-8	-156.8
19750	-10.2	86.5	-10	-162.3
19760	-9.6	88.2	-12	-167.4
19770	-10.0	89.9	-13	-172.5
19780	-8.1	91.7	-15	-177.8
19790	-8.4	93.5	-17	-182.0
19800	-9.9	95.3	-19	-186.0
19810	-8.5	97.2	-21	-190.8
19820	-7.2	99.2	-23	-195.1
19830	-8.1	101.1	-25	-198.6
19840	-8.5	103.2	-27	-202.3
19850	-8.1	105.2	-29	-206.3
19860	-7.7	107.3	-31	-210.3
19870	-7.2	109.3	-33	-191.4
19880	-30.0	111.3	-35	-200.4
19890	-37.3	112.8	-36	-152.2
19900	-23.6	114.2	-38	-125.9
19910	-14.1	115.2	-39	-91.5
19920	-18.8	116.1	-40	-84.9

19930	-17.5	116.9	-40	-70.2
19940	-9.6	117.5	-41	-51.3
19950	-7.3	118.0	-42	-47.1
19960	-6.0	118.4	-42	-34.8
19970	-1.8	118.7	-42	-34.8
19980	-0.1	119.0	-43	-26.0
19990	0.0	119.2	-43	-23.9
20000	0.0	119.4	-43	-17.8
20010	0.1	119.6	-43	-13.5
20020	6.8	119.7	-43	-10.6
20030	7.7	119.8	-43	-7.7
20040	1.8	119.8	-43	-2.6
20050	2.6	119.8	-43	-2.1
20060	9.4	119.8	-43	0.5
20070	7.6	119.8	-43	3.7
20080	5.8	119.7	-43	8.5
20090	8.5	119.6	-43	11.1
20100	8.4	119.5	-43	14.1
20110	7.1	119.3	-43	17.8
20120	7.3	119.1	-43	26.3
20130	7.5	118.8	-42	30.8
20140	7.2	118.5	-42	31.6
20150	7.2	118.1	-42	32.2
20160	7.3	117.8	-41	35.6
20170	8.1	117.3	-41	48.1
20180	8.7	116.8	-40	52.7
20190	8.5	116.4	-40	52.4
20200	8.5	115.8	-39	51.3
20210	8.3	115.2	-39	55.9
20220	7.9	114.5	-38	66.2
20230	7.9	113.8	-37	77.7
20240	7.6	113.1	-37	81.9
20250	7.2	112.3	-36	86.7
20260	7.7	111.5	-35	90.7
20270	8.0	110.6	-34	95.0
20280	7.6	109.7	-33	99.5
20290	7.7	108.8	-32	103.8
20300	8.1	107.8	-31	98.5
20310	8.0	106.8	-30	103.0
20320	6.9	105.7	-29	107.2
20330	6.6	104.6	-28	111.0
20340	6.6	103.5	-27	114.4
20350	6.6	102.3	-26	117.6
20360	6.9	101.1	-25	121.1
20370	6.4	99.9	-23	124.5
20380	6.9	98.6	-22	128.0
20390	6.9	97.3	-21	131.5
20400	6.2	96.0	-20	134.9
20410	6.1	94.6	-18	137.9
20420	6.6	93.2	-17	141.0
20430	5.7	91.8	-15	144.0
20440	5.3	90.3	-14	146.9
20450	5.8	88.8	-12	149.3
20460	5.3	87.3	-11	152.2

20470	4.5	85.8	-9	154.4
20480	5.0	84.2	-8	156.5
20490	4.9	82.6	-6	158.6
20500	3.9	81.0	-5	160.7
20510	4.7	79.4	-3	162.3
20520	4.1	77.8	-1	164.5
20530	2.6	76.1	0	166.1
20540	3.5	74.4	2	167.1
20550	13.4	72.9	4	153.6
20560	21.0	71.5	5	119.5
20570	15.2	70.3	6	115.2
20580	10.4	69.3	7	98.7
20590	11.1	68.4	8	93.4
20600	9.9	67.7	9	73.7
20610	8.3	67.0	9	63.6
20620	7.1	66.4	10	54.3
20630	3.7	66.0	10	46.8
20640	1.8	65.5	11	43.9
20650	1.9	65.2	11	34.6
20660	1.2	64.9	12	30.0
20670	0.0	64.6	12	28.2
20680	0.0	64.4	12	22.3
20690	0.0	64.2	12	19.1
20700	-0.1	64.0	12	14.9
20710	-0.4	63.8	13	14.1
20720	-9.2	63.7	13	10.6
20730	-8.0	63.6	13	6.9
20740	-1.9	63.6	13	2.1
20750	-6.2	63.6	13	1.0
20760	-9.8	63.6	13	-1.5
20770	-6.4	63.6	13	-6.3
20780	-6.5	63.7	13	-10.1
20790	-8.8	63.9	13	-14.3
20800	-8.4	64.0	12	-19.1
20810	-8.9	64.2	12	-22.0
20820	-10.2	64.5	12	-24.2
20830	-10.6	64.8	12	-35.1
20840	-11.0	65.2	11	-41.7
20850	-12.1	65.6	11	-43.9
20860	-12.2	66.1	10	-45.7
20870	-11.9	66.6	10	-51.6
20880	-12.3	67.2	9	-57.2
20890	-13.2	68.0	8	-77.4
20900	-12.9	68.7	8	-85.4
20910	-12.3	69.5	7	-84.3
20920	-13.7	70.4	6	-81.7
20930	-14.0	71.4	5	-107.8
20940	-12.3	72.4	4	-115.8
20950	-12.5	73.5	3	-122.9
20960	-13.3	74.7	2	-130.7
20970	-12.3	75.9	1	-125.6
20980	-11.8	77.3	-1	-132.3
20990	-12.3	78.6	-2	-138.7
21000	-11.8	80.1	-4	-145.3

21010	-10.4	81.6	-5	-151.4
21020	-10.4	83.1	-7	-157.3
21030	-11.4	84.7	-8	-162.3
21040	-10.6	86.4	-10	-168.5
21050	-10.2	88.1	-12	-174.1
21060	-11.0	89.9	-13	-179.4
21070	-8.9	91.7	-15	-185.0
21080	-8.5	93.6	-17	-189.8
21090	-10.6	95.6	-19	-194.0
21100	-9.2	97.5	-21	-198.8
21110	-7.1	99.6	-23	-203.3
21120	-7.6	101.6	-25	-207.3
21130	-8.0	103.7	-27	-210.5
21140	-7.9	105.9	-29	-214.3
21150	-7.2	108.0	-32	-217.7
21160	-9.6	110.1	-34	-190.0
21170	-34.0	111.9	-35	-176.2
21180	-35.9	113.5	-37	-159.4
21190	-16.3	114.7	-38	-118.4
21200	-14.4	115.7	-39	-96.3
21210	-16.7	116.6	-40	-86.7
21220	-12.6	117.2	-41	-64.9
21230	-6.2	117.8	-41	-57.7
21240	-4.5	118.2	-42	-42.8
21250	-1.1	118.6	-42	-31.9
21260	0.0	118.9	-42	-31.4
21270	0.0	119.2	-43	-23.6
21280	0.1	119.4	-43	-17.5
21290	3.5	119.5	-43	-15.7
21300	11.8	119.7	-43	-9.3
21310	2.4	119.7	-43	-4.7
21320	-0.1	119.7	-43	-2.9
21330	9.9	119.8	-43	-1.3
21340	7.1	119.8	-43	1.5
21350	4.7	119.7	-43	4.7
21360	8.3	119.6	-43	8.5
21370	8.5	119.5	-43	13.0
21380	7.2	119.4	-43	18.1
21390	7.5	119.2	-43	22.6
21400	8.1	118.9	-42	27.4
21410	7.2	118.7	-42	29.2
21420	7.2	118.3	-42	30.0
21430	7.6	118.0	-42	33.8
21440	7.5	117.6	-41	37.2
21450	8.1	117.1	-41	40.7
21460	8.7	116.6	-40	54.5
21470	8.3	116.1	-40	54.3
21480	8.3	115.5	-39	52.9
21490	8.5	114.9	-38	69.4
21500	8.1	114.2	-38	74.8
21510	7.3	113.5	-37	79.3
21520	7.2	112.8	-36	83.5
21530	6.9	112.0	-36	87.8
21540	6.9	111.1	-35	91.3

21550	7.1	110.3	-34	95.8
21560	6.8	109.4	-33	99.8
21570	7.3	108.5	-32	103.5
21580	7.9	107.5	-31	98.2
21590	6.6	106.5	-30	102.2
21600	6.2	105.4	-29	105.9
21610	6.5	104.3	-28	109.1
21620	6.1	103.2	-27	112.6
21630	6.0	102.1	-26	115.5
21640	6.1	100.9	-24	118.7
21650	5.6	99.7	-23	121.6
21660	6.1	98.4	-22	124.5
21670	6.4	97.2	-21	127.5
21680	5.3	95.9	-19	130.7
21690	5.2	94.6	-18	133.3
21700	6.1	93.2	-17	136.0
21710	5.2	91.8	-15	138.9
21720	4.5	90.4	-14	141.3
21730	5.2	89.0	-13	143.4
21740	4.9	87.5	-11	145.8
21750	3.9	86.1	-10	147.7
21760	4.5	84.6	-8	149.6
21770	4.5	83.1	-7	151.4
21780	3.5	81.5	-5	153.6
21790	4.5	80.0	-4	155.2
21800	4.5	78.4	-2	157.0
21810	2.7	76.8	0	158.9
21820	3.5	75.2	1	160.0
21830	5.8	73.7	3	141.0
21840	18.2	72.2	4	151.7
21850	17.5	71.0	5	120.3
21860	11.0	70.0	6	104.3
21870	10.8	69.0	7	99.3
21880	11.0	68.2	8	78.5
21890	9.1	67.5	9	68.4
21900	8.0	66.9	10	59.3
21910	5.7	66.3	10	56.1
21920	2.8	65.9	11	39.6
21930	2.0	65.5	11	38.6
21940	1.8	65.1	11	33.5
21950	0.3	64.8	12	29.0
21960	0.0	64.6	12	22.6
21970	0.0	64.3	12	22.0
21980	0.0	64.2	12	16.7
21990	-0.1	64.0	12	16.5
22000	-0.7	63.8	13	12.7
22010	-10.4	63.7	13	11.4
22020	-5.3	63.6	13	7.4
22030	-1.6	63.6	13	3.4
22040	-7.1	63.6	13	2.1
22050	-8.5	63.6	13	-1.3
22060	-6.5	63.6	13	-4.5
22070	-7.3	63.7	13	-7.4
22080	-9.5	63.8	13	-11.1

22090	-9.4	63.9	13	-15.9
22100	-9.6	64.2	12	-20.2
22110	-11.0	64.4	12	-30.3
22120	-11.3	64.7	12	-33.2
22130	-11.8	65.1	11	-35.4
22140	-12.7	65.6	11	-50.5
22150	-13.4	66.1	10	-52.9
22160	-14.0	66.6	10	-54.0
22170	-14.2	67.3	9	-74.2
22180	-15.2	68.0	8	-74.8
22190	-15.5	68.8	8	-75.0
22200	-14.9	69.7	7	-82.5
22210	-16.0	70.8	6	-109.4
22220	-16.0	71.8	5	-119.0
22230	-15.3	73.0	3	-128.3
22240	-15.9	74.2	2	-137.1
22250	-15.9	75.5	1	-146.4
22260	-15.7	76.9	0	-141.8
22270	-15.7	78.4	-2	-150.4
22280	-15.6	80.0	-4	-159.2
22290	-14.2	81.6	-5	-167.1
22300	-13.8	83.3	-7	-175.4
22310	-14.5	85.2	-9	-182.6
22320	-14.8	87.0	-11	-190.0
22330	-13.4	89.0	-13	-197.8
22340	-12.6	91.0	-15	-204.9
22350	-12.5	93.1	-17	-211.3
22360	-12.5	95.3	-19	-217.5
22370	-12.5	97.5	-21	-223.8
22380	-10.2	99.8	-23	-230.2
22390	-9.1	102.1	-26	-235.6
22400	-10.0	104.5	-28	-240.1
22410	-11.1	107.0	-31	-245.1
22420	-8.4	109.3	-33	-224.6
22430	-35.1	111.6	-35	-191.1
22440	-51.0	113.4	-37	-171.4
22450	-34.6	114.9	-38	-148.2
22460	-16.1	116.0	-40	-105.6
22470	-21.0	116.9	-40	-84.1
22480	-21.3	117.6	-41	-66.5
22490	-12.9	118.1	-42	-46.8
22500	-9.5	118.6	-42	-40.9
22510	-7.2	118.9	-42	-29.0
22520	-2.6	119.2	-43	-28.2
22530	0.0	119.4	-43	-19.9
22540	0.0	119.6	-43	-17.3
22550	0.0	119.7	-43	-12.5
22560	0.4	119.8	-43	-9.0
22570	4.6	119.9	-43	-8.5
22580	8.4	119.9	-43	-4.2
22590	1.2	119.9	-43	0.7
22600	1.8	119.9	-43	0.0
22610	7.9	119.9	-43	1.3
22620	5.4	119.9	-43	5.8

22630	5.8	119.8	-43	9.0
22640	7.3	119.7	-43	11.7
22650	7.9	119.6	-43	13.8
22660	7.1	119.4	-43	17.8
22670	6.8	119.1	-43	21.2
22680	6.5	118.9	-42	30.0
22690	6.2	118.6	-42	30.6
22700	6.5	118.3	-42	30.6
22710	6.4	117.9	-41	34.0
22720	7.3	117.5	-41	45.5
22730	8.1	117.0	-41	49.7
22740	8.1	116.6	-40	49.5
22750	8.3	116.0	-40	48.4
22760	8.3	115.4	-39	64.1
22770	7.9	114.8	-38	62.8
22780	7.7	114.2	-38	60.1
22790	7.6	113.5	-37	77.7
22800	7.1	112.7	-36	82.2
22810	6.8	111.9	-35	86.2
22820	7.2	111.1	-35	90.2
22830	7.7	110.3	-34	94.2
22840	7.2	109.4	-33	98.7
22850	7.7	108.5	-32	103.0
22860	8.1	107.5	-31	97.4
22870	6.8	106.5	-30	101.6
22880	6.2	105.5	-29	105.4
22890	6.4	104.4	-28	108.6
22900	5.8	103.3	-27	112.0
22910	6.0	102.1	-26	115.0
22920	6.1	100.9	-24	117.9
22930	5.4	99.7	-23	120.8
22940	6.1	98.5	-22	123.7
22950	6.1	97.3	-21	126.4
22960	5.3	96.0	-20	129.6
22970	5.2	94.6	-18	132.3
22980	5.8	93.3	-17	134.7
22990	5.0	91.9	-15	137.6
23000	4.3	90.5	-14	139.7
23010	5.0	89.1	-13	141.8
23020	4.9	87.7	-11	144.0
23030	4.1	86.2	-10	146.4
23040	4.5	84.8	-8	148.2
23050	4.5	83.3	-7	150.1
23060	3.8	81.7	-5	152.0
23070	4.3	80.2	-4	153.8
23080	4.3	78.7	-2	155.7
23090	2.7	77.1	-1	157.3
23100	3.3	75.5	1	158.6
23110	4.6	73.9	3	173.5
23120	16.4	72.5	4	140.5
23130	18.3	71.3	5	110.2
23140	12.2	70.2	6	106.4
23150	11.3	69.2	7	92.3
23160	11.7	68.3	8	88.1

23170	9.4	67.7	9	69.7
23180	7.9	67.0	9	60.6
23190	6.2	66.5	10	52.7
23200	3.3	66.0	10	45.5
23210	1.8	65.6	11	35.1
23220	1.6	65.2	11	34.0
23230	0.7	64.9	12	29.8
23240	0.0	64.7	12	23.1
23250	0.0	64.4	12	22.3
23260	0.0	64.2	12	17.5
23270	0.0	64.1	12	16.7
23280	-0.3	63.9	13	15.9
23290	-5.6	63.8	13	12.5
23300	-8.7	63.7	13	9.0
23310	-2.6	63.6	13	3.4
23320	-3.9	63.6	13	1.5
23330	-9.8	63.6	13	-1.0
23340	-8.5	63.6	13	-3.9
23350	-5.6	63.7	13	-7.9
23360	-8.8	63.8	13	-10.9
23370	-10.2	64.0	12	-18.6
23380	-8.8	64.2	12	-22.0
23390	-9.2	64.5	12	-26.8
23400	-11.3	64.8	12	-28.7
23410	-11.0	65.1	11	-41.5
23420	-10.8	65.6	11	-48.4
23430	-11.7	66.0	10	-50.0
23440	-12.3	66.6	10	-50.5
23450	-11.7	67.2	9	-68.9
23460	-11.9	67.9	9	-68.6
23470	-12.3	68.6	8	-67.8
23480	-11.8	69.4	7	-75.3
23490	-12.1	70.3	6	-79.6
23500	-13.2	71.2	5	-104.3
23510	-12.9	72.2	4	-112.3
23520	-12.3	73.3	3	-119.0
23530	-13.2	74.4	2	-126.4
23540	-12.3	75.7	1	-121.9
23550	-12.3	76.9	0	-128.8
23560	-12.7	78.3	-2	-135.5
23570	-12.2	79.7	-3	-142.4
23580	-11.3	81.1	-5	-148.8
23590	-11.1	82.7	-6	-155.2
23600	-11.5	84.3	-8	-160.7
23610	-10.8	85.9	-9	-167.1
23620	-11.7	87.6	-11	-173.0
23630	-11.8	89.4	-13	-178.9
23640	-9.9	91.3	-15	-185.2
23650	-10.4	93.2	-17	-190.3
23660	-11.1	95.1	-19	-195.1
23670	-10.6	97.1	-21	-200.7
23680	-8.9	99.1	-23	-206.3
23690	-8.9	101.2	-25	-210.8
23700	-9.4	103.4	-27	-214.8

23710	-10.2	105.6	-29	-219.6
23720	-9.6	107.8	-31	-224.4
23730	-10.6	109.9	-33	-199.1
23740	-38.4	111.9	-35	-184.7
23750	-43.3	113.5	-37	-166.1
23760	-22.9	114.8	-38	-122.4
23770	-19.5	115.8	-39	-98.7
23780	-23.6	116.6	-40	-80.6
23790	-20.9	117.3	-41	-58.8
23800	-13.6	117.9	-41	-52.9
23810	-12.3	118.4	-42	-38.3
23820	-10.0	118.7	-42	-34.8
23830	-5.3	119.0	-43	-25.0
23840	-2.6	119.3	-43	-22.6
23850	-2.0	119.5	-43	-16.5
23860	0.0	119.6	-43	-14.9
23870	0.0	119.7	-43	-11.9
23880	0.0	119.8	-43	-8.7
23890	0.0	119.9	-43	-8.7
23900	0.3	120.0	-44	-6.6
23910	1.1	120.1	-44	-4.7
23920	11.7	120.1	-44	-2.9
23930	7.5	120.1	-44	1.8
23940	3.8	120.0	-44	4.5
23950	6.4	120.0	-44	6.1
23960	8.7	119.9	-43	11.4
23970	7.3	119.7	-43	15.1
23980	6.9	119.6	-43	17.3
23990	8.3	119.3	-43	20.7
24000	7.2	119.1	-43	30.0
24010	7.5	118.8	-42	31.1
24020	8.5	118.4	-42	31.9
24030	7.5	118.0	-42	43.9
24040	7.9	117.6	-41	44.1
24050	9.6	117.1	-41	43.6
24060	9.1	116.6	-40	47.9
24070	9.2	116.0	-40	64.1
24080	10.2	115.4	-39	69.7
24090	9.5	114.8	-38	68.6
24100	8.4	114.0	-38	66.2
24110	9.2	113.3	-37	70.2
24120	8.8	112.4	-36	75.0
24130	8.3	111.5	-35	96.9
24140	9.4	110.6	-34	101.1
24150	8.8	109.7	-33	106.7
24160	8.4	108.7	-32	111.8
24170	9.6	107.6	-31	105.9
24180	8.7	106.5	-30	111.2
24190	7.7	105.4	-29	116.0
24200	7.9	104.2	-28	120.3
24210	7.6	102.9	-26	124.3
24220	6.9	101.7	-25	128.3
24230	6.9	100.4	-24	132.0
24240	7.1	99.0	-23	135.5

24250	6.8	97.6	-21	139.2
24260	6.8	96.2	-20	142.4
24270	6.1	94.8	-18	145.6
24280	6.4	93.3	-17	148.5
24290	6.4	91.8	-15	151.7
24300	5.4	90.2	-14	154.6
24310	5.8	88.7	-12	157.0
24320	5.3	87.1	-11	159.7
24330	4.1	85.5	-9	162.1
24340	4.3	83.8	-7	163.9
24350	4.7	82.2	-6	166.1
24360	4.1	80.5	-4	167.9
24370	4.3	78.8	-2	169.5
24380	3.7	77.1	-1	171.4
24390	3.3	75.4	1	172.5
24400	5.4	73.7	3	186.8
24410	20.2	72.2	4	149.0
24420	20.1	70.8	6	140.2
24430	11.8	69.7	7	109.4
24440	11.5	68.7	8	93.7
24450	11.7	67.9	9	80.3
24460	9.1	67.2	9	61.7
24470	7.1	66.6	10	59.1
24480	5.4	66.1	10	50.3
24490	2.4	65.6	11	42.8
24500	1.2	65.2	11	40.1
24510	1.2	64.9	12	31.6
24520	0.0	64.6	12	27.1
24530	0.0	64.4	12	25.5
24540	0.0	64.2	12	19.7
24550	-0.1	64.0	12	18.9
24560	-1.5	63.8	13	14.3
24570	-10.2	63.7	13	11.1
24580	-3.3	63.6	13	6.6
24590	-1.1	63.6	13	3.9
24600	-8.3	63.6	13	2.9
24610	-7.1	63.6	13	-1.0
24620	-4.3	63.6	13	-4.5
24630	-6.9	63.6	13	-6.9
24640	-7.6	63.7	13	-10.3
24650	-6.0	63.9	13	-15.1
24660	-7.6	64.0	12	-19.1
24670	-9.6	64.2	12	-21.0
24680	-8.8	64.5	12	-23.6
24690	-9.4	64.8	12	-34.0
24700	-11.3	65.1	11	-35.9
24710	-11.3	65.5	11	-37.8
24720	-10.4	66.0	10	-43.3
24730	-11.7	66.5	10	-59.6
24740	-11.9	67.1	9	-60.1
24750	-11.1	67.7	9	-59.6
24760	-11.4	68.4	8	-65.2
24770	-11.9	69.3	7	-86.7
24780	-11.5	70.0	6	-84.9

24790	-12.2	70.9	6	-81.7
24800	-11.5	71.9	5	-107.0
24810	-11.5	73.0	3	-113.4
24820	-11.4	74.0	2	-120.3
24830	-10.7	75.2	1	-126.9
24840	-10.7	76.4	0	-121.1
24850	-10.3	77.6	-1	-127.2
24860	-10.0	78.9	-2	-132.5
24870	-9.6	80.3	-4	-138.1
24880	-8.8	81.7	-5	-142.9
24890	-8.9	83.2	-7	-148.0
24900	-9.2	84.7	-8	-152.5
24910	-8.4	86.3	-10	-157.0
24920	-8.5	87.9	-11	-161.3
24930	-8.9	89.5	-13	-165.5
24940	-6.9	91.2	-15	-170.1
24950	-7.5	92.9	-16	-173.5
24960	-7.3	94.7	-18	-177.0
24970	-7.3	96.5	-20	-181.0
24980	-7.1	98.3	-22	-184.2
24990	-5.4	100.2	-24	-187.1
25000	-6.1	102.1	-26	-189.8
25010	-6.0	104.0	-28	-192.4
25020	-5.6	106.0	-30	-195.1
25030	-6.1	107.9	-31	-197.8
25040	-6.8	109.8	-33	-177.3
25050	-28.2	111.6	-35	-179.9
25060	-30.9	113.0	-37	-138.4
25070	-14.8	114.2	-38	-115.0
25080	-13.4	115.2	-39	-85.4
25090	-16.5	116.0	-40	-80.1
25100	-12.9	116.7	-40	-66.8
25110	-6.9	117.3	-41	-49.7
25120	-6.5	117.8	-41	-46.0
25130	-3.9	118.2	-42	-34.6
25140	0.0	118.5	-42	-34.8
25150	0.0	118.8	-42	-26.6
25160	0.0	119.0	-43	-22.3
25170	0.0	119.2	-43	-18.9
25180	0.4	119.4	-43	-14.1
25190	11.3	119.5	-43	-13.5
25200	6.1	119.6	-43	-6.9
25210	1.1	119.6	-43	-3.1
25220	6.4	119.7	-43	-2.6
25230	9.2	119.7	-43	1.3
25240	7.1	119.6	-43	5.0
25250	6.4	119.6	-43	9.0
25260	7.9	119.5	-43	11.7
25270	8.5	119.3	-43	14.6
25280	8.0	119.1	-43	18.9
25290	7.9	118.9	-42	22.3
25300	8.0	118.6	-42	26.3
25310	7.9	118.3	-42	36.7
25320	8.0	117.9	-41	41.7

25330	8.7	117.5	-41	42.3
25340	9.1	117.0	-41	42.3
25350	9.5	116.5	-40	46.8
25360	10.0	115.9	-39	56.9
25370	9.8	115.4	-39	62.2
25380	9.8	114.7	-38	60.9
25390	9.2	113.9	-37	80.1
25400	9.4	113.2	-37	85.1
25410	8.8	112.4	-36	82.5
25420	8.8	111.5	-35	78.8
25430	9.2	110.6	-34	82.7
25440	8.5	109.7	-33	87.0
25450	8.7	108.7	-32	91.0
25460	9.4	107.6	-31	105.6
25470	8.3	106.5	-30	110.4
25480	7.3	105.4	-29	115.2
25490	7.3	104.2	-28	119.0
25500	7.6	103.0	-27	123.2
25510	7.2	101.7	-25	126.7
25520	6.9	100.4	-24	130.9
25530	6.9	99.1	-23	134.1
25540	6.9	97.7	-21	137.6
25550	6.6	96.3	-20	141.3
25560	5.8	94.9	-18	144.5
25570	6.1	93.4	-17	147.4
25580	6.0	91.9	-15	150.4
25590	4.9	90.4	-14	153.0
25600	5.2	88.8	-12	155.2
25610	5.3	87.2	-11	157.3
25620	3.9	85.7	-9	160.0
25630	3.8	84.0	-8	161.8
25640	4.7	82.4	-6	163.1
25650	3.8	80.8	-4	165.0
25660	4.2	79.1	-3	166.6
25670	3.4	77.4	-1	168.5
25680	2.6	75.7	1	169.5
25690	3.4	74.0	2	169.3
25700	16.8	72.6	4	151.2
25710	20.7	71.2	5	117.6
25720	13.4	70.0	6	112.6
25730	11.0	69.0	7	96.3
25740	11.4	68.2	8	83.0
25750	9.9	67.4	9	64.4
25760	8.3	66.8	10	61.4
25770	6.5	66.2	10	52.7
25780	3.4	65.8	11	44.9
25790	1.8	65.4	11	38.6
25800	1.9	65.0	11	30.0
25810	0.5	64.7	12	29.0
25820	0.0	64.5	12	24.7
25830	0.0	64.2	12	18.9
25840	-0.1	64.0	12	18.3
25850	-0.1	63.9	13	13.8
25860	-2.3	63.7	13	13.3

25870	-11.7	63.6	13	8.5
25880	-3.7	63.6	13	3.7
25890	-3.3	63.6	13	1.3
25900	-10.6	63.6	13	-1.0
25910	-8.9	63.6	13	-5.5
25920	-5.4	63.7	13	-10.1
25930	-8.4	63.8	13	-13.8
25940	-9.1	64.0	12	-18.9
25950	-6.8	64.2	12	-23.6
25960	-7.9	64.4	12	-25.5
25970	-9.9	64.7	12	-26.8
25980	-9.2	65.1	11	-38.3
25990	-9.6	65.4	11	-44.1
26000	-11.0	65.9	11	-45.5
26010	-11.5	66.4	10	-46.5
26020	-11.3	67.0	9	-63.3
26030	-11.8	67.5	9	-63.3
26040	-12.3	68.2	8	-62.8
26050	-11.7	69.0	7	-68.9
26060	-11.7	69.8	7	-74.5
26070	-13.0	70.7	6	-97.9
26080	-12.5	71.7	5	-105.6
26090	-12.2	72.7	4	-113.1
26100	-13.0	73.7	3	-119.8
26110	-13.0	74.9	2	-127.7
26120	-12.2	76.1	0	-122.9
26130	-11.9	77.4	-1	-129.6
26140	-12.2	78.7	-2	-136.0
26150	-11.4	80.1	-4	-142.6
26160	-10.3	81.6	-5	-148.8
26170	-10.3	83.1	-7	-154.4
26180	-11.0	84.7	-8	-159.7
26190	-10.3	86.4	-10	-165.3
26200	-10.2	88.1	-12	-170.6
26210	-10.8	89.8	-13	-175.9
26220	-8.8	91.6	-15	-181.8
26230	-8.9	93.5	-17	-186.3
26240	-10.0	95.4	-19	-190.8
26250	-8.5	97.3	-21	-195.4
26260	-7.1	99.3	-23	-199.6
26270	-6.9	101.3	-25	-203.3
26280	-6.6	103.4	-27	-206.0
26290	-6.9	105.4	-29	-208.9
26300	-6.1	107.6	-31	-211.9
26310	-5.0	109.7	-33	-232.1
26320	-28.1	111.5	-35	-179.1
26330	-34.2	113.0	-37	-149.0
26340	-18.3	114.3	-38	-109.6
26350	-11.8	115.4	-39	-99.5
26360	-14.4	116.3	-40	-90.2
26370	-11.0	116.9	-40	-60.9
26380	-5.3	117.5	-41	-55.3
26390	-1.9	118.0	-42	-40.4
26400	0.1	118.4	-42	-40.7

26410	0.0	118.7	-42	-30.6
26420	0.3	119.0	-43	-27.9
26430	10.4	119.2	-43	-20.7
26440	12.9	119.4	-43	-14.3
26450	4.3	119.4	-43	-6.1
26460	2.7	119.5	-43	-3.4
26470	11.1	119.5	-43	-0.7
26480	8.8	119.5	-43	3.4
26490	6.0	119.4	-43	7.9
26500	9.1	119.3	-43	10.9
26510	9.8	119.2	-43	15.4
26520	9.1	119.0	-43	22.6
26530	9.2	118.7	-42	27.9
26540	9.5	118.4	-42	34.0
26550	9.5	118.1	-42	39.9
26560	9.4	117.7	-41	41.5
26570	9.4	117.2	-41	41.7
26580	9.1	116.7	-40	56.7

ISOK_EXERC_ER_IR_180_R_SIDE
01/08
Set #3

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	119.6	-43	0.0
10	0.8	119.6	-43	0.2
20	1.1	119.6	-43	0.2
30	1.1	119.6	-43	0.7
40	1.5	119.6	-43	1.3
50	1.5	119.6	-43	1.8
60	1.2	119.5	-43	2.6
70	2.0	119.5	-43	3.1
80	10.3	119.5	-43	5.0
90	4.5	119.4	-43	9.8
100	0.5	119.3	-43	11.4
110	4.5	119.1	-43	14.3
120	6.5	119.0	-43	16.7
130	4.6	118.8	-42	18.6
140	3.8	118.6	-42	19.1
150	4.7	118.4	-42	21.2
160	6.0	118.1	-42	23.6
170	5.7	117.8	-41	32.4
180	5.0	117.5	-41	32.4
190	5.8	117.2	-41	31.6
200	6.9	116.8	-40	34.6
210	6.6	116.4	-40	38.0
220	6.2	115.9	-39	40.9
230	6.6	115.4	-39	54.0
240	7.1	114.9	-38	52.4
250	6.6	114.4	-38	50.5
260	6.5	113.8	-37	65.7
270	6.9	113.1	-37	69.4
280	6.9	112.5	-36	66.8
290	7.2	111.8	-35	70.8
300	7.5	111.1	-35	74.5
310	7.3	110.3	-34	78.5
320	7.1	109.5	-33	82.5
330	7.2	108.6	-32	86.7
340	7.7	107.7	-31	90.5
350	7.2	106.8	-30	94.7
360	6.8	105.8	-29	98.2
370	6.8	104.8	-28	102.2
380	6.4	103.7	-27	105.6
390	7.1	102.6	-26	109.4
400	7.1	101.5	-25	112.8
410	6.8	100.4	-24	116.8
420	6.9	99.2	-23	120.0
430	7.3	98.0	-22	123.5
440	7.1	96.7	-20	127.5
450	6.1	95.4	-19	130.9
460	6.6	94.0	-18	134.4
470	7.3	92.7	-16	137.6
480	6.2	91.3	-15	140.5

490	5.8	89.9	-13	144.0
500	7.2	88.4	-12	147.2
510	6.6	86.9	-10	150.6
520	6.0	85.4	-9	153.6
530	5.7	83.8	-7	156.8
540	6.5	82.2	-6	159.4
550	6.5	80.6	-4	162.3
560	6.4	79.0	-3	165.3
570	5.3	77.3	-1	168.5
580	5.3	75.6	1	171.1
590	6.4	73.8	3	173.5
600	5.6	72.1	4	176.2
610	5.8	70.3	6	178.6
620	10.8	68.6	8	153.8
630	36.3	67.1	9	147.7
640	35.7	66.1	10	101.6
650	19.3	65.3	11	75.3
660	15.6	64.7	12	61.2
670	14.8	64.2	12	42.0
680	15.5	63.9	13	34.0
690	13.2	63.6	13	20.7
700	6.1	63.5	13	16.7
710	2.4	63.3	13	12.2
720	2.8	63.2	13	8.5
730	4.3	63.1	13	6.9
740	3.4	63.1	13	5.3
750	1.6	63.1	13	3.9
760	2.3	63.0	13	2.9
770	3.9	63.0	13	2.1
780	3.5	63.0	13	2.1
790	2.7	63.0	13	1.8
800	1.8	62.9	14	2.3
810	0.8	62.9	14	2.3
820	1.2	62.9	14	0.2
830	-0.7	62.9	14	0.0
840	-0.8	62.9	14	0.7
850	-0.9	62.9	14	1.5
860	-1.4	62.9	14	0.2
870	-12.3	62.9	14	-0.7
880	-8.8	62.9	14	-2.9
890	-3.4	62.9	14	-3.9
900	-6.6	63.0	13	-7.1
910	-11.4	63.1	13	-11.1
920	-8.9	63.2	13	-17.8
930	-7.3	63.4	13	-23.1
940	-10.0	63.7	13	-25.2
950	-11.1	64.0	12	-27.6
960	-9.5	64.3	12	-32.7
970	-9.5	64.7	12	-37.2
980	-11.8	65.2	11	-51.3
990	-11.4	65.7	11	-58.3
1000	-10.8	66.3	10	-65.4
1010	-12.5	66.9	10	-65.4
1020	-13.0	67.6	9	-64.4

1030	-11.8	68.4	8	-70.8
1040	-11.3	69.2	7	-76.6
1050	-11.7	70.1	6	-91.3
1060	-11.0	71.1	5	-97.4
1070	-10.0	72.1	4	-104.0
1080	-9.9	73.2	3	-109.1
1090	-11.1	74.3	2	-115.0
1100	-9.6	75.5	1	-120.3
1110	-9.6	76.8	0	-125.9
1120	-9.9	78.1	-2	-131.2
1130	-9.4	79.4	-3	-136.0
1140	-7.9	80.8	-4	-141.0
1150	-7.3	82.3	-6	-145.0
1160	-7.9	83.7	-7	-148.8
1170	-7.3	85.3	-9	-152.5
1180	-7.2	86.8	-10	-156.2
1190	-6.8	88.4	-12	-160.0
1200	-7.7	90.0	-14	-163.1
1210	-6.2	91.7	-15	-166.9
1220	-6.2	93.4	-17	-170.1
1230	-7.7	95.1	-19	-172.7
1240	-7.9	96.8	-20	-174.6
1250	-8.8	98.6	-22	-174.3
1260	-7.3	100.3	-24	-174.1
1270	-6.6	102.1	-26	-174.3
1280	-7.6	103.8	-27	-174.3
1290	-9.1	105.6	-29	-174.1
1300	-8.8	107.3	-31	-174.6
1310	-7.5	109.0	-33	-174.3
1320	-8.0	110.8	-34	-174.3
1330	-7.7	112.5	-36	-174.6
1340	-9.1	114.2	-38	-156.2
1350	-32.3	115.8	-39	-154.6
1360	-38.6	116.9	-40	-108.0
1370	-25.1	117.8	-41	-88.6
1380	-13.6	118.4	-42	-59.9
1390	-18.4	118.9	-42	-45.2
1400	-19.9	119.2	-43	-31.1
1410	-12.9	119.5	-43	-27.9
1420	-10.0	119.7	-43	-19.1
1430	-11.1	119.9	-43	-12.7
1440	-8.9	120.0	-44	-11.7
1450	-5.6	120.1	-44	-7.7
1460	-6.2	120.1	-44	-5.3
1470	-6.4	120.2	-44	-4.7
1480	-5.6	120.2	-44	-3.4
1490	-4.9	120.2	-44	-2.1
1500	-4.3	120.3	-44	-1.8
1510	-3.8	120.3	-44	-1.3
1520	-1.9	120.3	-44	-1.0
1530	0.0	120.3	-44	-0.5
1540	0.5	120.3	-44	-0.2
1550	0.7	120.3	-44	0.0
1560	0.7	120.3	-44	0.2

1570	2.3	120.3	-44	0.2
1580	12.9	120.3	-44	2.9
1590	4.1	120.2	-44	6.6
1600	-0.5	120.1	-44	9.0
1610	6.0	120.0	-44	10.3
1620	8.1	119.9	-43	11.4
1630	5.3	119.7	-43	15.1
1640	5.0	119.6	-43	18.1
1650	7.2	119.3	-43	20.4
1660	7.9	119.1	-43	26.8
1670	6.9	118.8	-42	34.0
1680	7.2	118.4	-42	38.3
1690	7.6	118.0	-42	42.8
1700	8.1	117.6	-41	47.1
1710	8.3	117.2	-41	52.1
1720	7.5	116.6	-40	56.9
1730	7.6	116.1	-40	61.4
1740	8.3	115.5	-39	66.0
1750	8.0	114.9	-38	70.8
1760	8.0	114.2	-38	75.6
1770	8.3	113.5	-37	80.1
1780	8.0	112.7	-36	77.2
1790	8.0	111.9	-35	81.9
1800	8.1	111.1	-35	86.2
1810	7.9	110.2	-34	90.5
1820	7.3	109.2	-33	94.7
1830	7.3	108.2	-32	98.7
1840	7.9	107.2	-31	102.7
1850	7.3	106.2	-30	106.7
1860	7.2	105.1	-29	111.0
1870	7.1	103.9	-27	114.7
1880	7.6	102.8	-26	118.4
1890	7.5	101.5	-25	122.1
1900	6.8	100.3	-24	126.1
1910	7.1	99.0	-23	129.6
1920	7.2	97.7	-21	133.1
1930	6.8	96.3	-20	136.8
1940	5.8	94.9	-18	140.0
1950	6.2	93.5	-17	142.9
1960	6.4	92.1	-16	145.8
1970	5.7	90.6	-14	149.0
1980	5.8	89.1	-13	151.7
1990	6.1	87.5	-11	154.4
2000	5.2	86.0	-10	157.3
2010	5.2	84.4	-8	160.2
2020	5.4	82.7	-6	162.3
2030	4.7	81.1	-5	164.5
2040	5.2	79.4	-3	166.9
2050	4.6	77.8	-1	169.0
2060	3.4	76.1	0	170.9
2070	4.9	74.3	2	172.7
2080	4.2	72.6	4	174.3
2090	3.8	70.8	6	175.9
2100	4.5	69.2	7	158.9

2110	27.4	67.5	9	159.4
2120	35.0	66.4	10	111.0
2130	19.8	65.5	11	82.2
2140	11.7	64.8	12	66.8
2150	11.8	64.4	12	46.0
2160	10.4	64.0	12	34.0
2170	8.3	63.7	13	27.6
2180	3.9	63.5	13	18.6
2190	-0.5	63.4	13	13.5
2200	-0.1	63.3	13	9.3
2210	-0.3	63.2	13	8.5
2220	-1.2	63.1	13	5.5
2230	-14.1	63.1	13	3.1
2240	-5.4	63.1	13	-2.6
2250	-0.1	63.1	13	-5.5
2260	-6.8	63.2	13	-6.1
2270	-8.4	63.3	13	-9.8
2280	-4.9	63.4	13	-13.0
2290	-5.4	63.5	13	-14.6
2300	-10.2	63.7	13	-17.5
2310	-9.6	64.0	12	-22.6
2320	-8.8	64.2	12	-26.8
2330	-10.4	64.6	12	-31.1
2340	-11.8	65.0	11	-44.4
2350	-10.4	65.4	11	-51.3
2360	-9.8	66.0	10	-57.7
2370	-11.5	66.5	10	-58.3
2380	-11.7	67.1	9	-57.5
2390	-10.4	67.8	9	-63.3
2400	-11.3	68.5	8	-68.4
2410	-11.9	69.4	7	-74.0
2420	-11.1	70.3	6	-88.3
2430	-11.0	71.2	5	-94.7
2440	-11.4	72.2	4	-101.1
2450	-10.2	73.2	3	-107.0
2460	-10.0	74.4	2	-112.6
2470	-9.5	75.5	1	-117.9
2480	-9.8	76.7	0	-122.9
2490	-9.4	78.0	-2	-128.0
2500	-8.8	79.3	-3	-133.1
2510	-8.3	80.7	-4	-137.6
2520	-7.9	82.1	-6	-141.8
2530	-7.7	83.6	-7	-145.8
2540	-7.6	85.0	-9	-149.8
2550	-7.2	86.6	-10	-153.6
2560	-6.6	88.1	-12	-157.3
2570	-6.9	89.7	-13	-160.2
2580	-5.6	91.4	-15	-163.9
2590	-6.4	93.0	-17	-166.6
2600	-6.4	94.7	-18	-169.5
2610	-6.4	96.4	-20	-172.5
2620	-7.3	98.2	-22	-174.1
2630	-7.1	99.9	-23	-174.1
2640	-7.5	101.7	-25	-174.3

2650	-6.8	103.4	-27	-174.1
2660	-7.6	105.1	-29	-174.1
2670	-7.9	106.9	-30	-174.3
2680	-7.5	108.6	-32	-174.3
2690	-6.9	110.4	-34	-174.1
2700	-6.4	112.1	-36	-174.3
2710	-8.8	113.9	-37	-174.1
2720	-24.3	115.4	-39	-150.4
2730	-37.8	116.6	-40	-103.2
2740	-31.3	117.5	-41	-87.0
2750	-14.5	118.2	-42	-57.5
2760	-16.0	118.8	-42	-48.1
2770	-18.3	119.2	-43	-39.9
2780	-14.4	119.4	-43	-27.4
2790	-10.6	119.7	-43	-18.3
2800	-9.9	119.8	-43	-13.8
2810	-7.7	120.0	-44	-12.2
2820	-5.8	120.0	-44	-8.5
2830	-6.4	120.1	-44	-5.5
2840	-5.2	120.2	-44	-5.0
2850	-4.5	120.2	-44	-3.4
2860	-4.3	120.2	-44	-2.3
2870	-4.1	120.3	-44	-2.1
2880	-2.8	120.3	-44	-1.5
2890	-0.7	120.3	-44	-1.0
2900	0.4	120.3	-44	-0.5
2910	0.5	120.3	-44	-0.2
2920	0.7	120.3	-44	0.0
2930	1.5	120.3	-44	0.2
2940	15.1	120.3	-44	2.1
2950	6.2	120.2	-44	7.7
2960	0.3	120.1	-44	11.1
2970	5.3	120.0	-44	10.6
2980	8.9	119.9	-43	12.7
2990	5.6	119.7	-43	17.0
3000	5.4	119.5	-43	20.2
3010	7.3	119.2	-43	22.8
3020	8.1	118.9	-42	26.3
3030	7.6	118.6	-42	30.3
3040	7.6	118.2	-42	34.0
3050	7.7	117.8	-41	37.8
3060	8.7	117.4	-41	41.7
3070	8.4	116.9	-40	46.0
3080	7.9	116.3	-40	50.0
3090	8.0	115.7	-39	53.7
3100	8.8	115.1	-39	58.0
3110	8.1	114.4	-38	62.0
3120	8.3	113.7	-37	66.0
3130	8.5	112.9	-36	77.7
3140	8.1	112.1	-36	82.5
3150	8.1	111.2	-35	87.0
3160	8.0	110.3	-34	91.5
3170	7.5	109.4	-33	95.8
3180	7.6	108.4	-32	100.0

3190	8.3	107.4	-31	104.0
3200	7.7	106.3	-30	108.6
3210	7.1	105.2	-29	112.3
3220	6.9	104.0	-28	116.3
3230	7.6	102.8	-26	119.8
3240	7.5	101.6	-25	123.5
3250	6.5	100.3	-24	127.5
3260	6.8	99.0	-23	130.9
3270	7.1	97.7	-21	134.4
3280	6.8	96.3	-20	137.6
3290	5.7	94.9	-18	141.0
3300	6.0	93.5	-17	144.0
3310	6.1	92.0	-16	146.6
3320	5.4	90.6	-14	149.6
3330	5.8	89.0	-13	152.2
3340	5.8	87.5	-11	154.9
3350	4.7	85.9	-9	157.6
3360	4.7	84.3	-8	160.0
3370	5.2	82.7	-6	162.1
3380	4.3	81.1	-5	164.2
3390	5.0	79.4	-3	166.1
3400	4.2	77.7	-1	167.9
3410	2.7	76.1	0	169.8
3420	3.9	74.3	2	171.1
3430	3.4	72.6	4	172.5
3440	2.4	70.9	6	173.5
3450	2.7	69.2	7	156.5
3460	23.5	67.6	9	158.1
3470	31.3	66.5	10	110.4
3480	17.2	65.6	11	82.5
3490	9.2	64.9	12	67.6
3500	9.6	64.4	12	46.5
3510	9.1	64.1	12	34.8
3520	6.9	63.8	13	23.4
3530	3.1	63.6	13	19.7
3540	-0.4	63.4	13	14.3
3550	-0.1	63.3	13	9.5
3560	-0.3	63.2	13	8.5
3570	-0.9	63.2	13	5.3
3580	-12.7	63.1	13	3.7
3590	-5.8	63.1	13	-1.8
3600	-0.5	63.1	13	-4.5
3610	-6.2	63.2	13	-5.3
3620	-8.4	63.3	13	-8.2
3630	-4.7	63.4	13	-11.9
3640	-4.9	63.5	13	-13.5
3650	-9.2	63.7	13	-19.7
3660	-8.0	63.9	13	-24.4
3670	-7.3	64.2	12	-29.8
3680	-9.1	64.4	12	-30.8
3690	-10.3	64.8	12	-32.2
3700	-9.1	65.2	11	-37.0
3710	-9.2	65.6	11	-41.5
3720	-11.0	66.1	10	-46.5

3730	-11.1	66.7	10	-52.7
3740	-10.0	67.3	9	-56.9
3750	-10.8	68.0	8	-61.7
3760	-11.8	68.7	8	-67.3
3770	-10.6	69.5	7	-73.2
3780	-10.7	70.4	6	-86.5
3790	-11.4	71.3	5	-92.3
3800	-10.4	72.3	4	-99.0
3810	-9.9	73.3	3	-104.3
3820	-11.0	74.4	2	-110.2
3830	-10.2	75.5	1	-115.8
3840	-10.0	76.7	0	-121.3
3850	-10.4	78.0	-2	-126.9
3860	-10.0	79.3	-3	-132.0
3870	-8.8	80.7	-4	-137.9
3880	-8.4	82.1	-6	-142.4
3890	-8.9	83.5	-7	-146.6
3900	-8.7	85.0	-9	-151.2
3910	-8.1	86.6	-10	-155.7
3920	-8.0	88.2	-12	-159.7
3930	-8.5	89.8	-13	-163.7
3940	-6.5	91.5	-15	-168.2
3950	-7.3	93.2	-17	-171.4
3960	-8.5	94.9	-18	-173.8
3970	-9.4	96.7	-20	-174.6
3980	-9.4	98.4	-22	-174.6
3990	-6.9	100.2	-24	-174.1
4000	-6.9	101.9	-25	-174.3
4010	-7.7	103.6	-27	-174.1
4020	-8.1	105.4	-29	-174.3
4030	-7.6	107.1	-31	-174.6
4040	-7.1	108.9	-32	-174.1
4050	-6.6	110.6	-34	-174.3
4060	-6.0	112.4	-36	-174.3
4070	-8.0	114.0	-38	-156.5
4080	-29.2	115.6	-39	-158.4
4090	-37.6	116.8	-40	-110.7
4100	-26.6	117.7	-41	-91.3
4110	-13.0	118.3	-42	-61.4
4120	-17.5	118.8	-42	-46.5
4130	-18.8	119.2	-43	-31.6
4140	-12.1	119.5	-43	-29.0
4150	-8.7	119.7	-43	-19.4
4160	-10.2	119.9	-43	-13.3
4170	-8.7	120.0	-44	-11.9
4180	-5.3	120.1	-44	-7.9
4190	-5.4	120.1	-44	-5.3
4200	-5.8	120.2	-44	-5.0
4210	-5.3	120.2	-44	-3.4
4220	-4.3	120.2	-44	-2.3
4230	-3.3	120.3	-44	-2.1
4240	-2.4	120.3	-44	-1.3
4250	-0.8	120.3	-44	-1.0
4260	0.5	120.3	-44	-0.5

4270	0.7	120.3	-44	-0.2
4280	0.8	120.3	-44	0.0
4290	2.4	120.3	-44	0.2
4300	14.9	120.3	-44	2.9
4310	5.0	120.2	-44	7.7
4320	-0.4	120.1	-44	12.5
4330	8.1	120.0	-44	13.0
4340	8.4	119.8	-43	16.5
4350	4.7	119.6	-43	22.0
4360	6.2	119.4	-43	25.0
4370	8.4	119.2	-43	28.7
4380	7.9	118.9	-42	33.5
4390	7.9	118.5	-42	31.6
4400	8.3	118.2	-42	35.4
4410	8.7	117.7	-41	39.6
4420	9.4	117.3	-41	43.6
4430	8.9	116.7	-40	48.1
4440	8.4	116.2	-40	52.4
4450	8.9	115.6	-39	56.7
4460	9.1	114.9	-38	60.9
4470	8.9	114.2	-38	65.2
4480	9.1	113.4	-37	77.2
4490	9.1	112.6	-36	82.2
4500	8.9	111.7	-35	87.3
4510	8.8	110.8	-34	92.1
4520	8.4	109.8	-33	97.1
4530	8.1	108.8	-32	101.4
4540	8.7	107.8	-31	105.9
4550	8.5	106.7	-30	110.7
4560	7.7	105.6	-29	115.2
4570	7.6	104.4	-28	119.5
4580	8.1	103.1	-27	123.5
4590	8.0	101.9	-25	127.5
4600	7.5	100.6	-24	131.7
4610	6.9	99.2	-23	135.5
4620	7.6	97.8	-21	138.9
4630	6.8	96.4	-20	142.9
4640	5.2	95.0	-19	146.1
4650	6.1	93.5	-17	148.5
4660	6.1	92.0	-16	151.7
4670	5.0	90.4	-14	154.6
4680	5.4	88.9	-12	156.5
4690	5.3	87.3	-11	159.4
4700	4.3	85.7	-9	161.5
4710	4.3	84.1	-8	163.7
4720	4.6	82.4	-6	165.5
4730	3.7	80.7	-4	167.4
4740	3.8	79.1	-3	169.0
4750	2.7	77.4	-1	170.1
4760	1.9	75.6	1	171.4
4770	1.9	73.9	3	171.9
4780	1.5	72.2	4	172.2
4790	1.4	70.5	6	172.2
4800	1.5	68.9	8	154.1

4810	23.1	67.4	9	120.5
4820	28.1	66.3	10	103.5
4830	11.1	65.4	11	84.9
4840	4.9	64.8	12	58.0
4850	6.2	64.4	12	44.1
4860	5.0	64.0	12	29.8
4870	1.8	63.7	13	24.7
4880	-0.4	63.5	13	18.9
4890	-0.4	63.4	13	13.0
4900	-1.9	63.3	13	10.6
4910	-17.2	63.2	13	5.0
4920	-7.2	63.2	13	-2.3
4930	-3.0	63.2	13	-4.7
4940	-10.2	63.3	13	-7.1
4950	-9.2	63.4	13	-12.5
4960	-4.9	63.6	13	-17.8
4970	-6.8	63.7	13	-21.2
4980	-9.9	64.0	12	-22.8
4990	-7.9	64.2	12	-30.3
5000	-8.0	64.6	12	-35.9
5010	-11.0	64.9	12	-40.1
5020	-10.6	65.3	11	-47.1
5030	-9.2	65.8	11	-53.7
5040	-10.3	66.3	10	-54.0
5050	-11.1	66.9	10	-53.5
5060	-9.1	67.5	9	-59.3
5070	-9.1	68.2	8	-62.8
5080	-10.2	68.9	8	-67.3
5090	-9.4	69.8	7	-80.3
5100	-9.2	70.6	6	-85.1
5110	-9.8	71.5	5	-90.7
5120	-9.8	72.4	4	-96.1
5130	-9.2	73.4	3	-101.4
5140	-9.4	74.5	2	-106.4
5150	-8.7	75.6	1	-111.2
5160	-8.5	76.8	0	-116.0
5170	-8.7	77.9	-1	-120.8
5180	-8.4	79.2	-3	-125.1
5190	-8.1	80.5	-4	-130.1
5200	-7.7	81.8	-5	-134.1
5210	-8.1	83.2	-7	-138.4
5220	-8.3	84.6	-8	-142.1
5230	-7.5	86.0	-10	-146.6
5240	-8.1	87.5	-11	-150.4
5250	-8.1	89.1	-13	-154.4
5260	-6.4	90.7	-14	-158.4
5270	-6.6	92.3	-16	-161.5
5280	-6.8	93.9	-17	-165.0
5290	-8.3	95.6	-19	-167.9
5300	-7.1	97.3	-21	-171.9
5310	-7.1	99.0	-23	-174.3
5320	-9.5	100.8	-24	-174.3
5330	-9.2	102.5	-26	-174.6
5340	-7.9	104.3	-28	-174.6

5350	-8.8	106.0	-30	-174.1
5360	-9.5	107.8	-31	-174.3
5370	-6.9	109.5	-33	-174.3
5380	-7.3	111.2	-35	-174.3
5390	-7.6	113.0	-37	-174.3
5400	-10.0	114.6	-38	-150.9
5410	-34.4	116.1	-40	-144.2
5420	-36.1	117.1	-41	-100.3
5430	-17.9	117.9	-41	-75.0
5440	-13.2	118.5	-42	-49.7
5450	-15.3	119.0	-43	-41.7
5460	-13.0	119.3	-43	-28.4
5470	-8.0	119.6	-43	-25.8
5480	-6.2	119.7	-43	-17.5
5490	-3.4	119.9	-43	-11.7
5500	-1.1	120.0	-44	-10.6
5510	-0.3	120.1	-44	-6.9
5520	-0.1	120.1	-44	-4.7
5530	0.0	120.2	-44	-3.9
5540	0.0	120.2	-44	-3.1
5550	0.3	120.2	-44	-2.3
5560	0.4	120.2	-44	-2.1
5570	0.8	120.3	-44	-1.5
5580	6.6	120.3	-44	-0.5
5590	8.7	120.2	-44	2.1
5600	4.2	120.2	-44	5.5
5610	3.5	120.1	-44	7.4
5620	8.1	120.0	-44	9.5
5630	7.1	119.9	-43	14.6
5640	5.3	119.7	-43	18.9
5650	6.4	119.5	-43	19.4
5660	6.2	119.3	-43	22.6
5670	6.1	119.0	-43	25.5
5680	6.4	118.7	-42	28.4
5690	6.9	118.3	-42	31.9
5700	7.5	117.9	-41	35.4
5710	8.5	117.5	-41	39.1
5720	8.7	117.0	-41	43.1
5730	8.4	116.5	-40	47.3
5740	8.9	116.0	-40	51.6
5750	8.9	115.4	-39	56.1
5760	8.7	114.7	-38	60.4
5770	8.1	114.0	-38	64.4
5780	8.3	113.2	-37	76.1
5790	8.3	112.4	-36	80.9
5800	8.5	111.6	-35	85.4
5810	8.9	110.7	-34	90.2
5820	8.8	109.7	-33	95.0
5830	8.5	108.8	-32	99.8
5840	8.9	107.7	-31	104.3
5850	8.3	106.6	-30	109.1
5860	7.6	105.5	-29	113.6
5870	6.8	104.4	-28	117.6
5880	6.9	103.2	-27	121.3

5890	6.9	101.9	-25	124.5
5900	6.8	100.6	-24	128.0
5910	6.4	99.3	-23	131.2
5920	6.9	98.0	-22	134.7
5930	6.6	96.6	-20	138.1
5940	5.7	95.2	-19	141.0
5950	6.0	93.8	-17	144.0
5960	6.0	92.3	-16	146.9
5970	4.7	90.8	-14	149.6
5980	4.5	89.3	-13	152.0
5990	5.0	87.8	-11	154.1
6000	4.1	86.2	-10	156.2
6010	3.8	84.6	-8	158.1
6020	4.2	83.1	-7	159.2
6030	3.4	81.5	-5	161.3
6040	3.7	79.8	-3	162.6
6050	3.8	78.2	-2	163.9
6060	2.3	76.5	0	165.3
6070	3.1	74.9	2	166.1
6080	3.0	73.2	3	167.1
6090	2.4	71.5	5	168.2
6100	2.8	69.8	7	169.0
6110	10.7	68.3	8	139.2
6120	31.5	67.0	9	132.5
6130	24.4	66.0	10	92.1
6140	10.7	65.3	11	69.4
6150	11.7	64.7	12	57.7
6160	11.4	64.3	12	40.1
6170	9.8	64.0	12	30.3
6180	7.6	63.7	13	22.8
6190	2.0	63.5	13	15.4
6200	-0.1	63.4	13	12.7
6210	0.1	63.3	13	10.9
6220	0.0	63.2	13	7.4
6230	-0.3	63.1	13	6.1
6240	-0.5	63.1	13	4.5
6250	-0.8	63.1	13	2.9
6260	-7.6	63.0	13	1.8
6270	-6.8	63.0	13	-1.5
6280	-0.3	63.1	13	-5.0
6290	-4.3	63.1	13	-5.3
6300	-7.6	63.2	13	-6.9
6310	-4.7	63.3	13	-11.9
6320	-4.6	63.4	13	-15.1
6330	-6.9	63.6	13	-16.2
6340	-6.5	63.8	13	-17.5
6350	-6.1	64.0	12	-21.0
6360	-7.1	64.2	12	-23.9
6370	-7.9	64.6	12	-33.0
6380	-8.4	64.9	12	-34.3
6390	-9.4	65.2	11	-35.1
6400	-9.6	65.7	11	-40.1
6410	-10.2	66.1	10	-44.4
6420	-10.7	66.7	10	-49.5

6430	-10.3	67.3	9	-54.5
6440	-10.6	67.9	9	-59.3
6450	-10.6	68.6	8	-64.6
6460	-10.4	69.4	7	-69.7
6470	-10.7	70.2	6	-83.0
6480	-11.1	71.1	5	-89.1
6490	-11.0	72.1	4	-95.8
6500	-11.1	73.1	3	-101.4
6510	-11.4	74.1	2	-107.5
6520	-10.3	75.2	1	-113.9
6530	-10.4	76.4	0	-119.2
6540	-10.4	77.7	-1	-125.3
6550	-9.8	79.0	-3	-130.4
6560	-9.4	80.3	-4	-136.3
6570	-9.1	81.7	-5	-140.8
6580	-8.9	83.1	-7	-145.8
6590	-9.1	84.6	-8	-150.4
6600	-8.5	86.2	-10	-154.9
6610	-8.9	87.8	-11	-159.4
6620	-8.8	89.4	-13	-163.9
6630	-6.9	91.1	-15	-168.5
6640	-7.6	92.8	-16	-171.7
6650	-7.7	94.5	-18	-174.3
6660	-9.9	96.3	-20	-174.3
6670	-10.3	98.0	-22	-174.3
6680	-6.9	99.7	-23	-174.3
6690	-7.5	101.5	-25	-174.3
6700	-8.4	103.2	-27	-174.1
6710	-7.9	105.0	-29	-174.3
6720	-6.8	106.7	-30	-174.3
6730	-6.9	108.5	-32	-174.3
6740	-4.9	110.2	-34	-174.3
6750	-4.3	111.9	-35	-174.3
6760	-6.2	113.6	-37	-156.5
6770	-18.7	115.2	-39	-137.3
6780	-35.5	116.5	-40	-117.9
6790	-29.3	117.5	-41	-97.7
6800	-12.6	118.2	-42	-66.0
6810	-14.6	118.7	-42	-54.3
6820	-15.7	119.1	-43	-37.5
6830	-11.8	119.4	-43	-30.8
6840	-9.5	119.6	-43	-21.0
6850	-8.0	119.8	-43	-14.1
6860	-4.7	119.9	-43	-12.7
6870	-3.1	120.0	-44	-8.5
6880	-3.8	120.1	-44	-5.8
6890	-3.3	120.1	-44	-5.3
6900	-2.7	120.2	-44	-3.7
6910	-2.8	120.2	-44	-2.6
6920	-2.7	120.2	-44	-2.3
6930	-1.4	120.3	-44	-1.5
6940	0.0	120.3	-44	-0.7
6950	0.5	120.3	-44	-0.5
6960	0.7	120.3	-44	-0.2

6970	0.8	120.3	-44	0.2
6980	11.7	120.3	-44	0.2
6990	10.0	120.2	-44	6.3
7000	2.4	120.1	-44	10.6
7010	1.8	120.0	-44	11.1
7020	9.8	119.9	-43	12.2
7030	6.9	119.7	-43	16.5
7040	4.3	119.5	-43	24.2
7050	7.1	119.2	-43	27.1
7060	8.1	119.0	-43	31.4
7070	7.2	118.7	-42	32.7
7080	7.7	118.3	-42	33.0
7090	8.0	117.9	-41	37.0
7100	8.5	117.5	-41	41.2
7110	8.7	117.0	-41	45.2
7120	7.9	116.4	-40	49.5
7130	7.9	115.9	-39	53.2
7140	8.4	115.2	-39	57.2
7150	7.7	114.6	-38	60.9
7160	7.7	113.9	-37	64.9
7170	8.7	113.1	-37	76.4
7180	8.3	112.3	-36	80.9
7190	8.5	111.4	-35	85.4
7200	8.8	110.5	-34	90.2
7210	8.0	109.6	-33	94.7
7220	8.3	108.6	-32	99.3
7230	8.8	107.6	-31	103.5
7240	8.0	106.5	-30	108.3
7250	7.1	105.4	-29	112.6
7260	7.5	104.3	-28	116.6
7270	8.0	103.1	-27	120.3
7280	7.9	101.8	-25	124.5
7290	7.9	100.5	-24	128.3
7300	7.2	99.2	-23	132.3
7310	7.6	97.9	-21	136.0
7320	7.6	96.5	-20	140.0
7330	6.2	95.1	-19	144.0
7340	6.9	93.6	-17	146.9
7350	6.5	92.1	-16	150.1
7360	5.8	90.6	-14	153.3
7370	6.5	89.0	-13	156.2
7380	6.6	87.4	-11	159.2
7390	5.4	85.8	-9	162.6
7400	5.8	84.2	-8	165.0
7410	6.1	82.5	-6	167.9
7420	5.3	80.8	-4	170.3
7430	5.6	79.1	-3	172.7
7440	4.3	77.3	-1	175.1
7450	3.5	75.6	1	177.0
7460	4.3	73.8	3	178.6
7470	4.3	72.0	4	179.1
7480	4.3	70.2	6	179.1
7490	8.0	68.5	8	187.9
7500	32.3	67.1	9	133.1

7510	28.6	66.0	10	109.1
7520	13.0	65.2	11	73.7
7530	11.9	64.6	12	54.5
7540	11.1	64.2	12	40.7
7550	8.7	63.9	13	26.8
7560	6.8	63.6	13	22.3
7570	2.0	63.5	13	16.2
7580	-0.3	63.3	13	11.7
7590	-0.1	63.2	13	8.2
7600	-0.3	63.2	13	7.1
7610	-1.4	63.1	13	5.0
7620	-13.3	63.1	13	2.6
7630	-4.6	63.1	13	-2.9
7640	0.0	63.1	13	-3.9
7650	-6.5	63.2	13	-4.7
7660	-7.5	63.3	13	-7.4
7670	-4.1	63.4	13	-10.6
7680	-4.6	63.5	13	-13.0
7690	-7.9	63.7	13	-19.1
7700	-6.2	63.9	13	-23.4
7710	-6.1	64.1	12	-27.4
7720	-7.1	64.4	12	-27.9
7730	-7.9	64.7	12	-28.4
7740	-8.0	65.1	11	-39.4
7750	-8.4	65.5	11	-44.1
7760	-8.7	65.9	11	-49.2
7770	-9.1	66.4	10	-54.5
7780	-9.9	66.9	10	-54.5
7790	-9.8	67.5	9	-53.7
7800	-9.4	68.1	8	-58.3
7810	-9.4	68.8	8	-63.3
7820	-9.4	69.5	7	-67.6
7830	-9.6	70.4	6	-79.8
7840	-9.4	71.2	5	-85.4
7850	-9.1	72.1	4	-90.5
7860	-9.6	73.0	3	-95.3
7870	-9.6	74.0	2	-100.3
7880	-8.9	75.1	1	-106.2
7890	-9.2	76.2	0	-110.4
7900	-9.2	77.3	-1	-115.8
7910	-8.5	78.5	-2	-120.5
7920	-7.9	79.7	-3	-124.8
7930	-7.3	81.0	-5	-128.8
7940	-7.1	82.3	-6	-132.8
7950	-6.9	83.7	-7	-136.3
7960	-6.9	85.1	-9	-139.7
7970	-6.8	86.5	-10	-143.2
7980	-6.0	88.0	-12	-146.4
7990	-6.4	89.5	-13	-149.6
8000	-4.9	91.0	-15	-152.5
8010	-4.7	92.5	-16	-154.6
8020	-4.1	94.1	-18	-156.8
8030	-4.9	95.7	-19	-158.6
8040	-3.9	97.3	-21	-160.5

8050	-2.6	98.9	-22	-162.1
8060	-2.8	100.5	-24	-162.9
8070	-2.6	102.1	-26	-163.7
8080	-2.2	103.8	-27	-164.5
8090	-2.0	105.4	-29	-165.0
8100	-2.2	107.1	-31	-165.8
8110	-1.8	108.7	-32	-165.8
8120	-1.4	110.4	-34	-166.1
8130	-1.5	112.1	-36	-166.6
8140	-1.4	113.7	-37	-149.8
8150	-4.9	115.2	-39	-129.6
8160	-31.7	116.4	-40	-113.6
8170	-26.0	117.3	-41	-78.2
8180	-5.3	118.0	-42	-65.4
8190	-6.2	118.6	-42	-44.4
8200	-8.7	119.0	-43	-38.0
8210	-7.2	119.3	-43	-26.3
8220	-2.4	119.6	-43	-24.4
8230	0.1	119.7	-43	-16.7
8240	0.0	119.9	-43	-11.4
8250	0.4	120.0	-44	-10.9
8260	5.7	120.0	-44	-7.4
8270	11.4	120.1	-44	-1.5
8280	3.4	120.1	-44	2.3
8290	0.8	120.0	-44	3.1
8300	9.6	120.0	-44	4.5
8310	6.8	119.9	-43	10.6
8320	4.3	119.8	-43	14.6
8330	7.7	119.6	-43	18.1
8340	9.8	119.4	-43	22.0
8350	7.9	119.2	-43	27.9
8360	7.9	118.9	-42	32.7
8370	9.2	118.6	-42	37.8
8380	9.4	118.2	-42	43.1
8390	8.5	117.7	-41	48.4
8400	8.7	117.3	-41	54.0
8410	9.2	116.7	-40	59.1
8420	8.9	116.2	-40	64.4
8430	9.2	115.5	-39	70.0
8440	9.5	114.9	-38	75.3
8450	9.5	114.1	-38	81.1
8460	9.8	113.4	-37	86.5
8470	9.8	112.5	-36	84.1
8480	9.5	111.6	-35	89.4
8490	9.5	110.7	-34	94.7
8500	8.8	109.7	-33	99.8
8510	8.3	108.7	-32	104.8
8520	9.1	107.6	-31	109.4
8530	8.7	106.5	-30	114.2
8540	7.9	105.3	-29	119.0
8550	7.7	104.1	-28	123.2
8560	8.5	102.8	-26	127.5
8570	8.3	101.5	-25	131.7
8580	7.9	100.2	-24	136.0

8590	7.7	98.8	-22	140.2
8600	7.7	97.3	-21	144.0
8610	6.6	95.9	-19	148.2
8620	6.8	94.4	-18	151.4
8630	7.2	92.8	-16	154.9
8640	6.5	91.2	-15	158.4
8650	6.2	89.6	-13	161.5
8660	7.2	88.0	-12	164.7
8670	6.0	86.3	-10	167.7
8680	5.4	84.6	-8	170.6
8690	6.1	82.9	-6	173.0
8700	5.2	81.1	-5	175.7
8710	5.7	79.4	-3	177.8
8720	5.8	77.6	-1	179.1
8730	5.2	75.8	1	179.1
8740	5.3	74.0	2	179.4
8750	4.7	72.2	4	179.1
8760	4.3	70.4	6	179.4
8770	6.5	68.6	8	191.1
8780	30.2	67.3	9	137.6
8790	30.4	66.1	10	113.4
8800	14.8	65.3	11	76.6
8810	11.4	64.7	12	56.9
8820	11.7	64.2	12	42.5
8830	10.3	63.9	13	28.2
8840	7.7	63.6	13	23.1
8850	3.0	63.5	13	17.0
8860	-0.4	63.3	13	12.5
8870	0.0	63.2	13	8.5
8880	0.0	63.1	13	7.7
8890	-0.4	63.1	13	5.3
8900	-0.9	63.0	13	3.4
8910	-8.8	63.0	13	2.1
8920	-4.7	63.0	13	-1.8
8930	0.0	63.1	13	-3.4
8940	-3.3	63.1	13	-3.1
8950	-6.6	63.1	13	-5.5
8960	-3.1	63.2	13	-9.5
8970	-4.5	63.3	13	-11.4
8980	-7.6	63.4	13	-12.7
8990	-5.6	63.6	13	-14.9
9000	-5.7	63.8	13	-17.5
9010	-7.6	64.0	12	-25.2
9020	-7.5	64.3	12	-29.5
9030	-7.6	64.6	12	-34.0
9040	-9.1	64.9	12	-38.3
9050	-9.8	65.3	11	-43.3
9060	-9.2	65.7	11	-50.0
9070	-10.3	66.2	10	-50.5
9080	-11.3	66.7	10	-50.3
9090	-10.3	67.3	9	-55.6
9100	-10.2	68.0	8	-60.4
9110	-11.0	68.7	8	-65.7
9120	-10.4	69.5	7	-71.0

9130	-10.3	70.4	6	-84.1
9140	-10.8	71.2	5	-89.9
9150	-10.7	72.2	4	-96.3
9160	-10.0	73.2	3	-101.6
9170	-10.6	74.3	2	-107.2
9180	-9.6	75.4	1	-112.8
9190	-9.1	76.5	0	-117.9
9200	-8.9	77.8	-1	-123.2
9210	-8.4	79.0	-3	-127.5
9220	-7.9	80.3	-4	-132.3
9230	-7.5	81.7	-5	-136.0
9240	-7.3	83.1	-7	-140.2
9250	-7.6	84.5	-8	-143.4
9260	-6.6	86.0	-10	-147.4
9270	-7.5	87.5	-11	-150.6
9280	-7.1	89.0	-13	-154.6
9290	-5.7	90.6	-14	-157.8
9300	-5.7	92.2	-16	-160.5
9310	-5.2	93.8	-17	-163.4
9320	-6.2	95.5	-19	-165.8
9330	-4.7	97.1	-21	-168.5
9340	-4.6	98.8	-22	-170.6
9350	-4.9	100.6	-24	-172.5
9360	-4.3	102.3	-26	-173.8
9370	-5.2	104.0	-28	-174.1
9380	-6.0	105.8	-29	-174.1
9390	-5.3	107.5	-31	-174.3
9400	-3.3	109.3	-33	-174.1
9410	-3.0	111.0	-35	-174.1
9420	-2.6	112.7	-36	-174.1
9430	-2.8	114.5	-38	-187.6
9440	-26.4	115.8	-39	-135.5
9450	-29.6	117.0	-41	-113.1
9460	-12.3	117.8	-41	-77.2
9470	-4.5	118.4	-42	-62.2
9480	-4.9	118.9	-42	-43.1
9490	-3.8	119.2	-43	-35.6
9500	0.3	119.5	-43	-24.4
9510	0.1	119.7	-43	-16.2
9520	0.8	119.8	-43	-14.9
9530	17.0	119.9	-43	-9.3
9540	11.7	120.0	-44	-0.5
9550	5.0	119.9	-43	3.7
9560	5.6	119.9	-43	5.5
9570	10.7	119.8	-43	8.5
9580	6.6	119.6	-43	15.4
9590	5.3	119.5	-43	19.1
9600	7.5	119.3	-43	22.0
9610	7.6	119.0	-43	25.8
9620	8.0	118.7	-42	33.2
9630	8.4	118.4	-42	38.0
9640	8.7	118.0	-42	43.1
9650	9.5	117.6	-41	48.4
9660	9.1	117.1	-41	54.0

9670	7.7	116.6	-40	54.0
9680	8.1	116.0	-40	52.4
9690	7.9	115.4	-39	56.4
9700	6.4	114.7	-38	60.1
9710	6.4	114.0	-38	63.3
9720	7.6	113.3	-37	73.4
9730	7.3	112.5	-36	78.0
9740	7.6	111.7	-35	81.9
9750	7.9	110.8	-34	85.9
9760	7.2	109.9	-33	90.2
9770	6.8	109.0	-33	94.2
9780	6.6	108.0	-32	97.9
9790	6.0	107.0	-31	101.4
9800	5.2	106.0	-30	104.6
9810	4.7	104.9	-28	107.5
9820	4.9	103.8	-27	109.9
9830	5.3	102.7	-26	112.0
9840	5.3	101.6	-25	114.7
9850	5.2	100.4	-24	117.4
9860	5.3	99.2	-23	119.8
9870	5.4	98.0	-22	122.4
9880	4.7	96.8	-20	125.1
9890	3.7	95.5	-19	127.5
9900	3.5	94.2	-18	129.1
9910	3.9	92.9	-16	130.4
9920	3.7	91.6	-15	132.3
9930	3.7	90.2	-14	134.1
9940	4.2	88.9	-12	135.5
9950	4.3	87.5	-11	137.3
9960	3.9	86.1	-10	139.2
9970	4.1	84.7	-8	141.0
9980	3.9	83.3	-7	142.6
9990	3.5	81.9	-5	144.5
10000	3.7	80.4	-4	145.8
10010	3.7	78.9	-2	147.4
10020	2.7	77.5	-1	148.8
10030	2.8	76.0	0	149.8
10040	3.9	74.5	2	150.9
10050	2.6	72.9	4	152.5
10060	2.3	71.4	5	153.3
10070	3.5	69.9	7	154.1
10080	9.4	68.5	8	128.3
10090	26.0	67.2	9	125.1
10100	20.7	66.3	10	89.4
10110	9.8	65.5	11	69.2
10120	9.8	64.9	12	59.1
10130	9.9	64.5	12	42.3
10140	7.9	64.2	12	33.0
10150	5.6	63.9	13	25.5
10160	2.3	63.7	13	17.8
10170	-0.1	63.5	13	15.1
10180	0.4	63.4	13	13.0
10190	0.3	63.3	13	9.5
10200	0.0	63.2	13	7.9

10210	-0.1	63.2	13	5.5
10220	-0.4	63.1	13	4.5
10230	-0.7	63.1	13	2.9
10240	-2.3	63.0	13	2.3
10250	-8.9	63.0	13	0.2
10260	-3.1	63.1	13	-2.9
10270	-2.8	63.1	13	-3.7
10280	-6.9	63.1	13	-6.1
10290	-5.7	63.2	13	-10.6
10300	-5.3	63.4	13	-13.8
10310	-6.9	63.5	13	-17.3
10320	-7.3	63.7	13	-21.2
10330	-7.3	63.9	13	-25.8
10340	-8.5	64.2	12	-27.1
10350	-9.6	64.5	12	-28.7
10360	-10.0	64.8	12	-33.8
10370	-11.0	65.2	11	-38.3
10380	-11.1	65.7	11	-43.9
10390	-11.4	66.2	10	-49.7
10400	-11.5	66.8	10	-55.1
10410	-11.5	67.5	9	-73.7
10420	-11.5	68.2	8	-80.6
10430	-11.3	69.0	7	-87.8
10440	-11.3	69.9	7	-94.2
10450	-12.3	70.8	6	-91.8
10460	-11.7	71.7	5	-99.0
10470	-11.0	72.8	4	-105.1
10480	-11.8	73.9	3	-111.0
10490	-11.4	75.0	1	-117.6
10500	-11.1	76.3	0	-124.0
10510	-10.8	77.5	-1	-129.9
10520	-10.6	78.9	-2	-135.7
10530	-9.9	80.3	-4	-141.8
10540	-9.1	81.8	-5	-146.9
10550	-9.5	83.3	-7	-151.7
10560	-9.5	84.8	-8	-156.2
10570	-8.8	86.4	-10	-161.3
10580	-8.4	88.1	-12	-165.8
10590	-8.8	89.7	-13	-170.1
10600	-6.9	91.5	-15	-173.8
10610	-8.8	93.2	-17	-174.3
10620	-10.3	95.0	-19	-174.6
10630	-8.0	96.7	-20	-174.6
10640	-7.2	98.5	-22	-174.3
10650	-5.7	100.2	-24	-174.1
10660	-4.6	101.9	-25	-174.3
10670	-3.4	103.7	-27	-174.1
10680	-2.8	105.4	-29	-173.8
10690	-2.0	107.2	-31	-173.8
10700	-1.4	108.9	-32	-173.8
10710	-1.1	110.6	-34	-173.8
10720	-1.1	112.4	-36	-173.8
10730	3.0	114.0	-38	-155.7
10740	-2.7	115.5	-39	-126.9

10750	-11.7	116.7	-40	-107.8
10760	-31.2	117.6	-41	-75.3
10770	-12.6	118.3	-42	-62.2
10780	0.1	118.8	-42	-40.7
10790	-0.1	119.2	-43	-37.8
10800	0.0	119.4	-43	-26.0
10810	1.6	119.6	-43	-17.8
10820	8.9	119.8	-43	-15.1
10830	7.3	119.9	-43	-8.7
10840	4.3	120.0	-44	-4.2
10850	6.9	120.0	-44	-2.1
10860	8.8	120.0	-44	1.5
10870	6.9	119.9	-43	4.5
10880	4.7	119.9	-43	7.7
10890	6.0	119.8	-43	10.1
10900	6.2	119.6	-43	13.3
10910	5.8	119.5	-43	15.7
10920	6.6	119.2	-43	19.1
10930	7.9	119.0	-43	22.0
10940	8.1	118.7	-42	26.0
10950	7.9	118.4	-42	30.0
10960	8.0	118.1	-42	34.6
10970	8.1	117.6	-41	37.8
10980	7.5	117.2	-41	42.0
10990	6.6	116.7	-40	45.7
11000	6.1	116.2	-40	48.7
11010	6.6	115.6	-39	51.9
11020	7.2	115.0	-39	54.8
11030	7.2	114.4	-38	58.3
11040	7.6	113.6	-37	68.6
11050	7.9	112.9	-36	72.9
11060	7.6	112.2	-36	77.2
11070	7.6	111.4	-35	81.4
11080	7.1	110.5	-34	85.4
11090	6.0	109.6	-33	89.1
11100	6.0	108.7	-32	92.6
11110	6.1	107.8	-31	95.5
11120	6.0	106.8	-30	98.7
11130	5.7	105.8	-29	101.9
11140	6.1	104.7	-28	104.8
11150	6.1	103.7	-27	108.0
11160	6.4	102.6	-26	111.2
11170	6.2	101.4	-25	114.7
11180	5.6	100.2	-24	117.6
11190	5.7	99.0	-23	120.5
11200	5.3	97.8	-21	123.2
11210	5.0	96.6	-20	125.9
11220	4.5	95.3	-19	128.3
11230	4.7	94.0	-18	130.4
11240	5.4	92.7	-16	132.5
11250	4.7	91.3	-15	134.9
11260	4.6	90.0	-14	137.3
11270	5.6	88.6	-12	139.5
11280	4.9	87.2	-11	142.1

11290	4.1	85.7	-9	144.5
11300	4.1	84.3	-8	146.1
11310	4.1	82.8	-6	148.0
11320	3.7	81.3	-5	149.8
11330	4.2	79.8	-3	151.4
11340	3.9	78.3	-2	152.8
11350	2.6	76.7	0	154.6
11360	3.7	75.2	1	155.7
11370	3.1	73.6	3	156.8
11380	2.0	72.0	4	158.4
11390	2.2	70.4	6	158.6
11400	3.1	68.9	8	171.1
11410	22.5	67.6	9	126.9
11420	23.5	66.5	10	89.1
11430	11.3	65.7	11	75.8
11440	8.3	65.1	11	58.8
11450	8.9	64.6	12	41.5
11460	6.9	64.2	12	35.4
11470	4.6	63.9	13	26.8
11480	2.2	63.7	13	21.0
11490	-0.4	63.5	13	15.7
11500	0.0	63.4	13	13.3
11510	-0.1	63.3	13	9.8
11520	-0.4	63.2	13	6.9
11530	-3.7	63.1	13	5.5
11540	-8.7	63.1	13	1.8
11550	-1.4	63.1	13	-0.7
11560	-1.4	63.1	13	-1.3
11570	-7.2	63.2	13	-2.6
11580	-4.6	63.2	13	-5.5
11590	-3.8	63.3	13	-8.7
11600	-6.5	63.4	13	-10.9
11610	-6.2	63.5	13	-14.3
11620	-5.8	63.7	13	-15.9
11630	-7.2	63.9	13	-22.8
11640	-7.7	64.1	12	-24.7
11650	-8.3	64.4	12	-25.8
11660	-9.8	64.8	12	-36.7
11670	-10.2	65.1	11	-42.3
11680	-10.0	65.6	11	-48.7
11690	-10.7	66.0	10	-55.1
11700	-11.5	66.6	10	-61.4
11710	-11.0	67.2	9	-68.1
11720	-11.1	67.9	9	-74.8
11730	-11.4	68.6	8	-81.7
11740	-11.4	69.4	7	-88.6
11750	-11.5	70.2	6	-95.0
11760	-12.2	71.1	5	-92.9
11770	-12.2	72.1	4	-99.8
11780	-11.7	73.2	3	-106.4
11790	-12.6	74.3	2	-112.8
11800	-11.7	75.5	1	-119.5
11810	-11.3	76.7	0	-125.9
11820	-11.4	78.0	-2	-132.0

11830	-10.8	79.4	-3	-138.1
11840	-9.9	80.8	-4	-144.0
11850	-9.2	82.3	-6	-149.0
11860	-9.5	83.8	-7	-154.1
11870	-9.2	85.4	-9	-158.9
11880	-9.8	87.0	-11	-163.7
11890	-8.5	88.7	-12	-168.7
11900	-8.3	90.4	-14	-172.7
11910	-8.9	92.2	-16	-174.3
11920	-9.5	93.9	-17	-174.9
11930	-10.7	95.6	-19	-174.6
11940	-8.8	97.4	-21	-174.3
11950	-7.6	99.1	-23	-174.6
11960	-8.1	100.9	-24	-174.3
11970	-7.6	102.6	-26	-174.3
11980	-6.9	104.4	-28	-174.3
11990	-6.9	106.1	-30	-174.3
12000	-6.9	107.9	-31	-174.3
12010	-4.2	109.6	-33	-174.3
12020	-4.7	111.3	-35	-174.3
12030	-5.4	113.1	-37	-174.1
12040	-8.5	114.7	-38	-149.6
12050	-33.2	116.1	-40	-129.6
12060	-34.2	117.2	-41	-106.2
12070	-15.2	117.9	-41	-73.2
12080	-12.1	118.5	-42	-48.7
12090	-14.6	119.0	-43	-40.9
12100	-11.0	119.3	-43	-33.8
12110	-6.2	119.6	-43	-22.8
12120	-4.9	119.7	-43	-15.4
12130	-1.9	119.9	-43	-14.1
12140	0.1	120.0	-44	-9.3
12150	0.0	120.1	-44	-6.1
12160	0.0	120.1	-44	-5.5
12170	0.5	120.2	-44	-4.2
12180	1.8	120.2	-44	-3.4
12190	11.4	120.2	-44	-0.5
12200	5.2	120.2	-44	2.9
12210	1.1	120.1	-44	5.0
12220	7.9	120.1	-44	6.3
12230	9.4	120.0	-44	11.4
12240	6.4	119.8	-43	17.3
12250	7.2	119.6	-43	21.8
12260	9.6	119.4	-43	26.0
12270	9.2	119.1	-43	31.6
12280	7.9	118.8	-42	33.5
12290	8.7	118.4	-42	34.3
12300	8.7	118.0	-42	38.6
12310	8.9	117.6	-41	43.1
12320	9.4	117.1	-41	47.1
12330	9.5	116.5	-40	51.6
12340	10.2	115.9	-39	56.4
12350	10.8	115.2	-39	61.4
12360	10.0	114.5	-38	66.8

12370	9.9	113.7	-37	71.6
12380	10.2	112.8	-36	84.9
12390	9.2	111.9	-35	90.7
12400	8.9	111.0	-35	95.8
12410	8.8	110.0	-34	100.8
12420	8.5	108.9	-32	105.6
12430	8.8	107.9	-31	110.2
12440	9.5	106.7	-30	115.0
12450	9.1	105.5	-29	120.0
12460	8.8	104.3	-28	124.8
12470	9.1	103.0	-27	129.6
12480	8.4	101.7	-25	134.1
12490	7.9	100.3	-24	138.9
12500	8.0	98.9	-22	142.9
12510	7.3	97.4	-21	146.9
12520	6.5	95.9	-19	150.9
12530	6.4	94.4	-18	154.1
12540	6.8	92.8	-16	157.0
12550	6.0	91.2	-15	160.2
12560	5.6	89.6	-13	163.1
12570	6.4	87.9	-11	165.8
12580	5.0	86.3	-10	168.5
12590	4.2	84.6	-8	171.1
12600	4.7	82.8	-6	172.7
12610	3.9	81.1	-5	174.3
12620	3.8	79.3	-3	176.2
12630	2.7	77.6	-1	177.5
12640	1.9	75.8	1	178.9
12650	1.9	74.0	2	179.1
12660	1.5	72.2	4	179.4
12670	1.4	70.4	6	179.4
12680	1.5	68.7	8	157.3
12690	26.8	67.2	9	149.6
12700	29.4	66.1	10	103.5
12710	11.1	65.3	11	76.4
12720	3.9	64.7	12	56.4
12730	6.6	64.2	12	37.8
12740	5.0	63.9	13	31.4
12750	1.2	63.7	13	23.1
12760	-0.1	63.5	13	18.6
12770	-0.4	63.3	13	12.7
12780	-1.8	63.2	13	10.6
12790	-16.3	63.2	13	5.3
12800	-7.9	63.2	13	-1.3
12810	-2.2	63.2	13	-3.9
12820	-8.7	63.3	13	-5.8
12830	-9.1	63.3	13	-9.0
12840	-5.0	63.5	13	-17.0
12850	-5.6	63.7	13	-18.3
12860	-9.4	63.9	13	-19.4
12870	-7.3	64.1	12	-23.9
12880	-7.9	64.4	12	-27.4
12890	-10.6	64.8	12	-38.6
12900	-9.6	65.2	11	-44.1

12910	-8.9	65.6	11	-50.3
12920	-9.9	66.1	10	-50.8
12930	-10.4	66.6	10	-50.5
12940	-8.5	67.2	9	-55.1
12950	-8.9	67.9	9	-59.3
12960	-9.9	68.6	8	-63.8
12970	-8.8	69.3	7	-68.9
12980	-8.7	70.2	6	-81.1
12990	-9.6	71.0	5	-85.9
13000	-8.8	71.9	5	-91.5
13010	-8.3	72.9	4	-96.3
13020	-8.9	73.9	3	-100.6
13030	-8.7	74.9	2	-105.6
13040	-7.6	76.0	0	-110.2
13050	-8.3	77.1	-1	-114.4
13060	-9.1	78.3	-2	-118.7
13070	-8.0	79.5	-3	-123.2
13080	-7.6	80.8	-4	-127.7
13090	-7.7	82.1	-6	-131.7
13100	-7.9	83.4	-7	-135.5
13110	-7.3	84.8	-8	-139.2
13120	-6.8	86.3	-10	-143.2
13130	-7.2	87.7	-11	-146.6
13140	-6.9	89.2	-13	-149.8
13150	-5.4	90.7	-14	-153.3
13160	-6.1	92.3	-16	-156.0
13170	-5.6	93.9	-17	-158.9
13180	-6.8	95.5	-19	-161.3
13190	-5.6	97.1	-21	-164.5
13200	-4.7	98.8	-22	-167.4
13210	-5.0	100.5	-24	-169.3
13220	-4.1	102.2	-26	-171.4
13230	-3.8	103.9	-27	-173.3
13240	-4.7	105.6	-29	-173.8
13250	-6.1	107.4	-31	-174.3
13260	-4.5	109.1	-33	-174.3
13270	-3.9	110.9	-34	-173.8
13280	-3.9	112.6	-36	-174.3
13290	-5.4	114.3	-38	-171.7
13300	-27.9	115.7	-39	-139.2
13310	-33.6	116.9	-40	-106.7
13320	-18.8	117.7	-41	-71.6
13330	-9.9	118.4	-42	-59.1
13340	-12.1	118.9	-42	-40.1
13350	-10.8	119.2	-43	-34.0
13360	-5.6	119.5	-43	-22.6
13370	-3.1	119.7	-43	-20.4
13380	-0.5	119.9	-43	-14.1
13390	0.1	120.0	-44	-9.3
13400	0.0	120.1	-44	-8.7
13410	0.5	120.1	-44	-5.8
13420	4.3	120.2	-44	-3.7
13430	10.0	120.2	-44	-0.2
13440	2.7	120.2	-44	3.1

13450	0.1	120.1	-44	3.9
13460	8.8	120.1	-44	4.7
13470	6.0	120.0	-44	10.1
13480	4.9	119.9	-43	14.1
13490	8.0	119.7	-43	17.3
13500	8.4	119.5	-43	21.8
13510	7.1	119.3	-43	26.6
13520	7.5	119.0	-43	27.9
13530	7.7	118.7	-42	32.2
13540	7.1	118.4	-42	32.7
13550	6.9	118.0	-42	36.7
13560	7.6	117.5	-41	39.9
13570	8.1	117.1	-41	43.9
13580	8.0	116.5	-40	47.6
13590	8.4	116.0	-40	51.6
13600	8.9	115.4	-39	55.9
13610	9.2	114.7	-38	60.1
13620	8.5	114.0	-38	64.4
13630	8.5	113.2	-37	76.1
13640	8.0	112.4	-36	80.9
13650	7.9	111.6	-35	85.4
13660	7.7	110.7	-34	89.7
13670	7.2	109.8	-33	94.2
13680	7.2	108.8	-32	97.9
13690	8.1	107.8	-31	101.6
13700	8.3	106.7	-30	106.2
13710	7.3	105.6	-29	110.4
13720	6.9	104.5	-28	114.2
13730	7.3	103.3	-27	117.9
13740	6.9	102.1	-26	121.6
13750	6.6	100.9	-24	125.3
13760	5.8	99.6	-23	128.5
13770	6.1	98.3	-22	131.7
13780	6.4	97.0	-21	134.7
13790	5.6	95.6	-19	137.9
13800	5.4	94.2	-18	140.2
13810	6.4	92.8	-16	142.9
13820	5.8	91.3	-15	145.8
13830	5.4	89.8	-13	148.8
13840	6.2	88.3	-12	151.4
13850	5.3	86.8	-10	154.4
13860	4.7	85.2	-9	156.5
13870	4.7	83.7	-7	158.9
13880	5.0	82.0	-6	161.0
13890	5.2	80.4	-4	163.1
13900	5.3	78.8	-2	165.3
13910	4.2	77.1	-1	167.7
13920	4.2	75.4	1	169.3
13930	4.7	73.7	3	171.1
13940	3.7	72.0	4	173.3
13950	3.9	70.2	6	174.6
13960	7.3	68.6	8	150.9
13970	32.1	67.1	9	144.0
13980	28.6	66.1	10	99.8

13990	12.9	65.3	11	74.0
14000	12.1	64.7	12	60.6
14010	11.5	64.3	12	42.0
14020	8.1	63.9	13	31.4
14030	5.8	63.7	13	23.4
14040	1.8	63.5	13	18.9
14050	-0.3	63.3	13	12.7
14060	-0.3	63.2	13	10.9
14070	-0.5	63.2	13	7.1
14080	-5.2	63.1	13	5.8
14090	-10.6	63.1	13	0.7
14100	-2.7	63.1	13	-2.9
14110	-0.4	63.1	13	-3.7
14120	-8.1	63.2	13	-4.7
14130	-5.6	63.3	13	-8.2
14140	-3.3	63.4	13	-10.6
14150	-6.0	63.5	13	-12.7
14160	-7.1	63.7	13	-15.4
14170	-6.0	63.9	13	-18.6
14180	-6.9	64.1	12	-22.0
14190	-8.1	64.4	12	-25.0
14200	-8.0	64.7	12	-29.0
14210	-8.8	65.0	11	-33.0
14220	-9.4	65.4	11	-37.8
14230	-9.1	65.9	11	-41.7
14240	-9.9	66.4	10	-46.5
14250	-10.7	67.0	9	-51.3
14260	-10.6	67.6	9	-56.4
14270	-10.8	68.2	8	-61.7
14280	-11.3	69.0	7	-67.0
14290	-10.7	69.8	7	-72.6
14300	-10.8	70.7	6	-86.2
14310	-10.7	71.6	5	-92.6
14320	-10.4	72.5	4	-98.5
14330	-10.3	73.6	3	-103.8
14340	-10.8	74.6	2	-109.6
14350	-10.3	75.8	1	-115.2
14360	-10.4	77.0	-1	-121.1
14370	-10.7	78.2	-2	-126.7
14380	-10.0	79.5	-3	-132.0
14390	-9.1	80.9	-4	-137.9
14400	-8.8	82.3	-6	-142.4
14410	-8.8	83.8	-7	-146.9
14420	-8.4	85.3	-9	-151.4
14430	-8.7	86.8	-10	-155.7
14440	-7.9	88.4	-12	-160.0
14450	-8.1	90.0	-14	-164.2
14460	-7.2	91.7	-15	-168.2
14470	-7.3	93.4	-17	-171.9
14480	-9.1	95.2	-19	-174.1
14490	-10.2	96.9	-20	-174.6
14500	-9.8	98.7	-22	-174.6
14510	-7.9	100.4	-24	-174.6
14520	-7.6	102.2	-26	-174.6

14530	-8.4	103.9	-27	-174.6
14540	-8.5	105.6	-29	-174.3
14550	-7.7	107.4	-31	-174.6
14560	-5.3	109.1	-33	-174.3
14570	-4.2	110.9	-34	-174.1
14580	-2.4	112.6	-36	-173.8
14590	-2.3	114.3	-38	-171.4
14600	-24.4	115.7	-39	-138.4
14610	-27.7	116.9	-40	-114.4
14620	-12.6	117.7	-41	-79.3
14630	-2.8	118.4	-42	-52.7
14640	-3.1	118.9	-42	-48.4
14650	-3.5	119.2	-43	-33.5
14660	0.5	119.5	-43	-22.6
14670	0.3	119.7	-43	-19.1
14680	1.4	119.8	-43	-12.7
14690	20.7	119.9	-43	-9.3
14700	9.6	120.0	-44	1.3
14710	3.3	119.9	-43	5.0
14720	10.7	119.9	-43	7.7
14730	10.2	119.7	-43	13.0
14740	6.2	119.6	-43	19.7
14750	5.8	119.4	-43	23.4
14760	8.1	119.1	-43	27.1
14770	7.9	118.9	-42	31.9
14780	7.9	118.5	-42	37.0
14790	8.7	118.2	-42	41.7
14800	9.9	117.7	-41	46.8
14810	10.3	117.3	-41	52.7
14820	9.2	116.8	-40	58.8
14830	8.7	116.2	-40	64.4
14840	8.8	115.6	-39	63.0
14850	7.7	114.9	-38	74.8
14860	6.6	114.2	-38	79.3
14870	7.2	113.4	-37	83.0
14880	7.5	112.6	-36	79.3
14890	7.5	111.8	-35	83.5
14900	7.9	111.0	-35	87.3
14910	7.9	110.1	-34	91.5
14920	7.2	109.1	-33	95.5
14930	7.2	108.1	-32	99.8
14940	7.2	107.1	-31	103.5
14950	6.2	106.0	-30	107.5
14960	5.0	104.9	-28	110.7
14970	5.2	103.8	-27	113.4
14980	6.0	102.6	-26	115.8
14990	5.7	101.5	-25	119.0
15000	5.4	100.2	-24	121.9
15010	6.1	99.0	-23	124.5
15020	6.2	97.7	-21	127.5
15030	5.8	96.4	-20	130.7
15040	4.7	95.1	-19	133.3
15050	4.7	93.8	-17	135.5
15060	5.3	92.4	-16	137.9

15070	4.2	91.0	-15	140.0
15080	3.9	89.6	-13	142.1
15090	4.7	88.1	-12	144.0
15100	4.2	86.7	-10	146.1
15110	3.9	85.2	-9	148.0
15120	4.1	83.7	-7	149.6
15130	4.1	82.2	-6	151.4
15140	4.1	80.7	-4	153.0
15150	4.1	79.1	-3	155.2
15160	3.4	77.6	-1	156.5
15170	2.4	76.0	0	157.6
15180	2.7	74.4	2	158.6
15190	2.0	72.8	4	159.4
15200	1.8	71.2	5	160.0
15210	1.9	69.7	7	144.2
15220	11.4	68.2	8	128.0
15230	26.6	66.9	10	123.7
15240	18.3	66.1	10	78.0
15250	7.9	65.3	11	66.5
15260	8.1	64.8	12	51.6
15270	8.3	64.4	12	35.9
15280	6.4	64.0	12	30.6
15290	3.7	63.8	13	23.4
15300	-0.1	63.6	13	19.7
15310	-0.1	63.4	13	13.5
15320	-0.1	63.3	13	11.7
15330	-0.1	63.2	13	8.5
15340	-0.7	63.2	13	5.8
15350	-5.4	63.1	13	4.7
15360	-5.2	63.1	13	1.0
15370	-0.3	63.1	13	-0.5
15380	-2.6	63.1	13	-0.7
15390	-5.3	63.1	13	-2.1
15400	-2.6	63.2	13	-5.0
15410	-3.4	63.2	13	-6.6
15420	-5.0	63.3	13	-8.5
15430	-3.1	63.4	13	-11.1
15440	-3.8	63.5	13	-12.2
15450	-5.0	63.6	13	-15.7
15460	-5.0	63.8	13	-18.6
15470	-5.7	64.0	12	-21.8
15480	-7.7	64.2	12	-22.6
15490	-8.0	64.5	12	-24.2
15500	-8.0	64.8	12	-27.9
15510	-9.5	65.1	11	-39.1
15520	-9.6	65.5	11	-44.7
15530	-9.2	66.0	10	-50.5
15540	-9.9	66.5	10	-56.4
15550	-10.7	67.0	9	-56.4
15560	-10.8	67.6	9	-55.6
15570	-11.4	68.3	8	-61.2
15580	-12.1	69.0	7	-66.8
15590	-12.3	69.8	7	-72.4
15600	-13.2	70.7	6	-87.3

15610	-12.7	71.6	5	-94.5
15620	-12.5	72.6	4	-101.9
15630	-12.3	73.7	3	-108.6
15640	-12.1	74.8	2	-115.8
15650	-11.4	76.0	0	-122.1
15660	-11.4	77.3	-1	-128.5
15670	-11.8	78.6	-2	-134.7
15680	-11.0	80.0	-4	-141.3
15690	-9.9	81.5	-5	-146.6
15700	-9.8	83.0	-7	-152.0
15710	-9.8	84.5	-8	-157.0
15720	-8.5	86.2	-10	-162.3
15730	-8.7	87.8	-11	-166.3
15740	-8.4	89.5	-13	-171.1
15750	-6.6	91.2	-15	-174.3
15760	-9.2	93.0	-17	-174.3
15770	-9.1	94.7	-18	-174.6
15780	-8.0	96.5	-20	-174.3
15790	-8.3	98.2	-22	-174.6
15800	-6.8	100.0	-24	-174.1
15810	-6.1	101.7	-25	-174.6
15820	-5.6	103.5	-27	-174.1
15830	-5.6	105.2	-29	-174.1
15840	-4.7	106.9	-30	-174.3
15850	-3.5	108.7	-32	-174.3
15860	-2.3	110.4	-34	-173.8
15870	-2.0	112.2	-36	-174.1
15880	-2.6	113.9	-37	-173.8
15890	-19.3	115.4	-39	-148.8
15900	-33.0	116.7	-40	-113.1
15910	-24.4	117.5	-41	-86.5
15920	-8.5	118.3	-42	-69.7
15930	-10.3	118.8	-42	-48.1
15940	-10.6	119.2	-43	-36.7
15950	-6.5	119.4	-43	-24.4
15960	-3.4	119.7	-43	-22.6
15970	-1.1	119.8	-43	-15.4
15980	0.0	120.0	-44	-10.3
15990	0.0	120.1	-44	-9.3
16000	0.4	120.1	-44	-6.3
16010	2.6	120.2	-44	-4.2
16020	11.3	120.2	-44	-1.0
16030	3.7	120.2	-44	2.3
16040	-0.1	120.1	-44	3.7
16050	7.7	120.1	-44	4.5
16060	6.9	120.0	-44	9.3
16070	5.6	119.9	-43	13.3
16080	7.6	119.8	-43	17.0
16090	9.1	119.6	-43	21.5
16100	8.3	119.3	-43	26.8
16110	8.1	119.1	-43	31.6
16120	8.8	118.7	-42	37.0
16130	8.5	118.4	-42	42.3
16140	8.0	118.0	-42	43.1

16150	9.1	117.5	-41	43.1
16160	9.4	117.0	-41	47.1
16170	9.2	116.4	-40	51.9
16180	9.9	115.8	-39	56.1
16190	10.4	115.1	-39	61.4
16200	9.6	114.4	-38	66.2
16210	9.9	113.6	-37	70.8
16220	10.0	112.8	-36	84.1
16230	9.2	111.9	-35	89.9
16240	9.5	111.0	-35	95.0
16250	9.4	110.0	-34	100.0
16260	8.8	108.9	-32	105.1
16270	9.4	107.8	-31	109.9
16280	9.8	106.7	-30	115.2
16290	9.1	105.5	-29	120.5
16300	8.8	104.3	-28	125.3
16310	9.4	103.0	-27	129.9
16320	8.5	101.6	-25	134.7
16330	8.0	100.3	-24	139.2
16340	8.0	98.8	-22	143.4
16350	7.7	97.4	-21	147.7
16360	7.2	95.9	-19	151.4
16370	6.9	94.3	-18	155.2
16380	7.3	92.8	-16	158.4
16390	6.8	91.1	-15	162.1
16400	6.1	89.5	-13	165.3
16410	6.9	87.8	-11	168.2
16420	5.6	86.1	-10	171.4
16430	4.7	84.4	-8	174.1
16440	5.2	82.6	-6	175.9
16450	4.1	80.8	-4	178.1
16460	4.3	79.1	-3	179.1
16470	3.5	77.3	-1	179.4
16480	2.3	75.5	1	179.1
16490	1.8	73.7	3	179.1
16500	1.4	71.9	5	179.4
16510	1.2	70.1	6	179.4
16520	1.8	68.4	8	169.8
16530	29.7	67.0	9	116.8
16540	28.2	66.0	10	98.7
16550	9.5	65.2	11	72.9
16560	4.6	64.6	12	48.1
16570	6.9	64.2	12	40.4
16580	5.8	63.8	13	30.0
16590	1.5	63.6	13	24.4
16600	-0.4	63.4	13	16.5
16610	-0.3	63.3	13	12.2
16620	-0.8	63.2	13	8.2
16630	-11.3	63.1	13	6.3
16640	-9.9	63.1	13	0.0
16650	-2.3	63.1	13	-3.1
16660	-3.7	63.2	13	-3.9
16670	-7.9	63.2	13	-6.1
16680	-4.1	63.3	13	-9.8

16690	-3.1	63.4	13	-11.9
16700	-7.2	63.6	13	-13.5
16710	-6.1	63.8	13	-16.7
16720	-6.0	64.0	12	-19.7
16730	-7.7	64.2	12	-27.6
16740	-7.6	64.5	12	-31.9
16750	-7.1	64.8	12	-36.7
16760	-8.0	65.2	11	-37.2
16770	-8.1	65.6	11	-37.5
16780	-7.2	66.0	10	-41.5
16790	-8.4	66.6	10	-55.1
16800	-9.1	67.1	9	-59.9
16810	-8.5	67.7	9	-65.2
16820	-9.2	68.3	8	-70.5
16830	-9.9	69.0	7	-75.8
16840	-9.4	69.7	7	-81.4
16850	-9.8	70.5	6	-79.0
16860	-9.6	71.3	5	-84.6
16870	-8.8	72.2	4	-90.2
16880	-8.5	73.1	3	-94.5
16890	-9.1	74.1	2	-99.3
16900	-8.3	75.2	1	-104.3
16910	-8.7	76.2	0	-108.6
16920	-9.2	77.4	-1	-113.6
16930	-9.2	78.5	-2	-118.4
16940	-8.7	79.8	-3	-123.5
16950	-7.9	81.0	-5	-127.5
16960	-7.6	82.3	-6	-132.0
16970	-7.5	83.7	-7	-136.0
16980	-7.1	85.1	-9	-139.5
16990	-6.9	86.5	-10	-142.9
17000	-6.5	87.9	-11	-146.4
17010	-7.1	89.4	-13	-149.6
17020	-5.6	91.0	-15	-153.0
17030	-6.5	92.5	-16	-155.7
17040	-6.0	94.1	-18	-158.9
17050	-6.6	95.7	-19	-161.5
17060	-6.1	97.3	-21	-164.5
17070	-4.5	99.0	-23	-167.4
17080	-5.0	100.7	-24	-169.5
17090	-4.3	102.4	-26	-171.4
17100	-4.3	104.1	-28	-173.5
17110	-5.3	105.9	-29	-174.3
17120	-6.5	107.6	-31	-174.3
17130	-4.3	109.4	-33	-174.3
17140	-4.2	111.1	-35	-174.1
17150	-4.7	112.8	-36	-174.3
17160	-6.8	114.6	-38	-186.6
17170	-30.6	115.9	-39	-133.9
17180	-33.1	117.1	-41	-111.5
17190	-15.7	117.8	-41	-76.1
17200	-10.2	118.5	-42	-61.2
17210	-12.1	118.9	-42	-42.3
17220	-9.8	119.3	-43	-34.6

17230	-4.9	119.5	-43	-25.5
17240	-2.2	119.7	-43	-17.8
17250	0.0	119.8	-43	-13.0
17260	0.0	119.9	-43	-10.6
17270	0.1	120.0	-44	-7.4
17280	0.7	120.1	-44	-5.0
17290	11.0	120.1	-44	-3.9
17300	8.9	120.1	-44	1.5
17310	2.0	120.1	-44	5.0
17320	1.8	120.0	-44	5.5
17330	8.9	119.9	-43	6.9
17340	5.4	119.8	-43	10.9
17350	4.9	119.7	-43	14.1
17360	8.9	119.5	-43	16.5
17370	8.4	119.3	-43	20.7
17380	7.1	119.0	-43	24.4
17390	7.6	118.7	-42	28.2
17400	8.1	118.4	-42	31.9
17410	7.5	118.0	-42	43.9
17420	7.7	117.5	-41	48.7
17430	8.0	117.1	-41	52.4
17440	8.1	116.5	-40	58.0
17450	8.9	116.0	-40	62.8
17460	8.8	115.4	-39	68.4
17470	9.1	114.7	-38	73.4
17480	9.1	114.0	-38	78.8
17490	8.9	113.3	-37	76.6
17500	8.3	112.5	-36	81.7
17510	8.0	111.6	-35	86.5
17520	8.0	110.7	-34	91.0
17530	7.3	109.8	-33	95.3
17540	7.2	108.8	-32	99.3
17550	7.7	107.8	-31	103.0
17560	7.3	106.7	-30	107.2
17570	6.8	105.6	-29	111.2
17580	6.8	104.5	-28	114.7
17590	6.5	103.3	-27	118.2
17600	6.4	102.1	-26	121.3
17610	6.1	100.8	-24	124.8
17620	5.4	99.6	-23	127.7
17630	5.7	98.3	-22	130.7
17640	5.4	96.9	-20	133.3
17650	4.6	95.6	-19	136.0
17660	4.6	94.2	-18	138.1
17670	5.6	92.8	-16	140.5
17680	4.7	91.4	-15	142.9
17690	4.2	89.9	-13	145.3
17700	5.0	88.5	-12	146.6
17710	4.1	87.0	-11	149.3
17720	3.5	85.5	-9	151.2
17730	3.5	84.0	-8	152.5
17740	3.7	82.4	-6	154.1
17750	3.1	80.9	-4	154.9
17760	3.5	79.3	-3	156.2

17770	3.0	77.7	-1	157.6
17780	2.2	76.2	0	158.9
17790	2.8	74.6	2	159.4
17800	2.4	73.0	3	160.2
17810	1.9	71.4	5	160.7
17820	2.2	69.8	7	145.0
17830	10.7	68.3	8	131.5
17840	27.7	67.0	9	127.2
17850	20.3	66.1	10	89.7
17860	9.1	65.4	11	68.6
17870	11.1	64.8	12	53.2
17880	10.4	64.3	12	37.0
17890	7.6	64.0	12	31.6
17900	6.1	63.7	13	24.2
17910	2.7	63.5	13	18.3
17920	-0.3	63.4	13	12.5
17930	0.0	63.3	13	10.9
17940	0.0	63.2	13	7.7
17950	0.0	63.1	13	7.1
17960	-0.1	63.1	13	5.0
17970	-0.3	63.0	13	3.7
17980	-0.5	63.0	13	3.4
17990	-1.1	63.0	13	2.3
18000	-7.3	63.0	13	1.0
18010	-3.8	63.0	13	-1.5
18020	-1.5	63.0	13	-2.9
18030	-5.4	63.0	13	-4.7
18040	-5.3	63.1	13	-7.4
18050	-3.5	63.2	13	-10.6
18060	-4.9	63.3	13	-11.7
18070	-6.1	63.4	13	-12.7
18080	-4.9	63.6	13	-15.7
18090	-6.1	63.8	13	-18.3
18100	-7.7	64.0	12	-26.0
18110	-7.3	64.3	12	-30.3
18120	-8.1	64.6	12	-34.8
18130	-9.4	65.0	11	-39.1
18140	-8.8	65.4	11	-45.2
18150	-8.3	65.8	11	-50.5
18160	-9.2	66.3	10	-50.5
18170	-9.1	66.8	10	-61.2
18180	-8.5	67.4	9	-66.2
18190	-9.4	68.1	8	-71.3
18200	-10.4	68.8	8	-76.9
18210	-9.9	69.5	7	-83.3
18220	-10.4	70.3	6	-80.9
18230	-10.8	71.2	5	-86.7
18240	-10.2	72.1	4	-92.9
18250	-10.0	73.0	3	-98.2
18260	-10.0	74.1	2	-103.8
18270	-9.1	75.1	1	-109.4
18280	-9.5	76.3	0	-114.4
18290	-9.6	77.5	-1	-119.5
18300	-9.8	78.7	-2	-124.3

18310	-9.1	80.0	-4	-129.6
18320	-8.5	81.3	-5	-134.1
18330	-8.5	82.7	-6	-138.9
18340	-8.4	84.1	-8	-142.9
18350	-7.2	85.6	-9	-147.7
18360	-8.4	87.1	-11	-151.2
18370	-7.6	88.6	-12	-155.7
18380	-7.2	90.2	-14	-158.9
18390	-6.5	91.8	-15	-162.6
18400	-6.8	93.5	-17	-165.8
18410	-8.1	95.2	-19	-169.0
18420	-6.9	96.9	-20	-173.0
18430	-8.0	98.6	-22	-174.3
18440	-8.4	100.4	-24	-174.3
18450	-7.2	102.1	-26	-174.6
18460	-6.4	103.9	-27	-174.3
18470	-7.1	105.6	-29	-174.1
18480	-6.2	107.3	-31	-174.3
18490	-4.2	109.1	-33	-174.3
18500	-3.4	110.8	-34	-173.8
18510	-2.6	112.6	-36	-174.1
18520	-2.8	114.2	-38	-155.4
18530	-25.9	115.8	-39	-153.0
18540	-30.9	116.9	-40	-106.7
18550	-15.9	117.7	-41	-79.8
18560	-5.2	118.4	-42	-52.7
18570	-7.3	118.8	-42	-44.4
18580	-7.9	119.2	-43	-30.0
18590	-2.3	119.5	-43	-27.1
18600	0.3	119.7	-43	-20.2
18610	0.0	119.8	-43	-13.8
18620	0.1	119.9	-43	-9.5
18630	1.9	120.0	-44	-8.7
18640	14.2	120.1	-44	-4.2
18650	5.7	120.1	-44	1.5
18660	-0.4	120.0	-44	3.4
18670	6.6	120.0	-44	3.4
18680	7.1	119.9	-43	6.1
18690	3.4	119.8	-43	9.5
18700	4.2	119.7	-43	11.7
18710	7.9	119.6	-43	13.8
18720	6.8	119.4	-43	17.3
18730	6.0	119.2	-43	20.7
18740	7.2	118.9	-42	23.9
18750	7.9	118.6	-42	27.4
18760	6.5	118.3	-42	31.6
18770	5.6	117.9	-41	34.3
18780	6.0	117.5	-41	37.8
18790	6.4	117.1	-41	40.1
18800	5.6	116.6	-40	43.1
18810	5.3	116.1	-40	46.8
18820	6.8	115.6	-39	48.7
18830	6.9	115.0	-39	51.6
18840	6.4	114.4	-38	55.1

18850	6.8	113.8	-37	58.0
18860	6.8	113.1	-37	68.1
18870	6.0	112.3	-36	71.6
18880	6.5	111.6	-35	75.3
18890	6.4	110.8	-34	78.5
18900	6.0	110.0	-34	82.2
18910	6.1	109.2	-33	85.4
18920	6.5	108.3	-32	88.6
18930	6.9	107.4	-31	92.3
18940	6.5	106.4	-30	95.8
18950	6.5	105.4	-29	99.3
18960	6.2	104.4	-28	102.4
18970	5.8	103.4	-27	105.9
18980	6.2	102.3	-26	108.8
18990	5.8	101.2	-25	112.3
19000	4.6	100.0	-24	115.0
19010	5.3	98.9	-22	117.4
19020	5.0	97.7	-21	120.0
19030	4.3	96.4	-20	122.4
19040	4.1	95.2	-19	124.5
19050	4.2	93.9	-17	126.1
19060	3.8	92.7	-16	128.3
19070	3.1	91.4	-15	129.6
19080	3.0	90.1	-14	130.9
19090	3.5	88.8	-12	132.0
19100	3.3	87.4	-11	133.6
19110	2.6	86.1	-10	134.9
19120	2.7	84.7	-8	136.0
19130	2.7	83.4	-7	136.8
19140	2.7	82.0	-6	137.6
19150	3.0	80.6	-4	138.9
19160	3.1	79.2	-3	140.0
19170	2.4	77.8	-1	141.0
19180	2.2	76.4	0	141.8
19190	2.8	74.9	2	142.6
19200	2.7	73.5	3	143.4
19210	2.0	72.1	4	144.5
19220	2.6	70.6	6	145.0
19230	2.6	69.2	7	144.5
19240	17.8	67.9	9	122.7
19250	22.4	66.9	10	88.6
19260	12.7	66.1	10	78.0
19270	9.1	65.4	11	61.7
19280	10.2	64.9	12	43.9
19290	7.9	64.5	12	39.1
19300	5.2	64.1	12	30.8
19310	3.3	63.9	13	26.6
19320	0.4	63.7	13	19.1
19330	0.0	63.5	13	15.1
19340	-0.1	63.4	13	10.6
19350	-0.3	63.3	13	10.6
19360	-0.9	63.2	13	7.7
19370	-11.7	63.1	13	5.5
19380	-3.8	63.1	13	-0.7

19390	-2.3	63.2	13	-1.0
19400	-6.2	63.2	13	-2.6
19410	-7.9	63.2	13	-5.3
19420	-5.0	63.3	13	-10.9
19430	-6.4	63.4	13	-14.1
19440	-8.7	63.6	13	-16.2
19450	-7.2	63.8	13	-18.6
19460	-7.6	64.0	12	-22.3
19470	-8.7	64.3	12	-31.6
19480	-8.7	64.6	12	-36.7
19490	-8.8	65.0	11	-41.2
19500	-9.8	65.4	11	-47.3
19510	-9.6	65.9	11	-52.9
19520	-9.6	66.4	10	-59.1
19530	-10.0	67.0	9	-64.9
19540	-10.0	67.6	9	-70.5
19550	-10.2	68.3	8	-76.6
19560	-10.2	69.0	7	-83.0
19570	-10.0	69.8	7	-88.6
19580	-10.7	70.7	6	-85.9
19590	-10.3	71.6	5	-92.3
19600	-10.7	72.6	4	-98.2
19610	-11.1	73.6	3	-103.5
19620	-11.7	74.7	2	-109.9
19630	-11.1	75.8	1	-116.0
19640	-11.4	77.0	-1	-122.4
19650	-11.7	78.3	-2	-128.3
19660	-11.3	79.6	-3	-134.4
19670	-10.4	81.0	-5	-140.2
19680	-10.4	82.5	-6	-146.1
19690	-10.7	84.0	-8	-151.4
19700	-10.4	85.5	-9	-157.6
19710	-11.9	87.1	-11	-162.9
19720	-11.5	88.8	-12	-169.0
19730	-11.1	90.5	-14	-174.3
19740	-14.1	92.3	-16	-174.9
19750	-14.8	94.0	-18	-175.1
19760	-14.5	95.8	-19	-174.9
19770	-13.4	97.5	-21	-174.9
19780	-12.2	99.3	-23	-174.9
19790	-12.3	101.0	-25	-174.9
19800	-11.3	102.8	-26	-174.9
19810	-9.6	104.5	-28	-174.6
19820	-9.1	106.3	-30	-174.6
19830	-8.4	108.0	-32	-174.6
19840	-4.9	109.8	-33	-174.3
19850	-3.9	111.5	-35	-174.1
19860	-3.8	113.3	-37	-174.1
19870	-7.5	114.9	-38	-163.7
19880	-30.1	116.2	-40	-112.6
19890	-27.5	117.2	-41	-95.3
19900	-7.1	118.0	-42	-63.0
19910	-4.9	118.6	-42	-57.2
19920	-6.1	119.0	-43	-35.6

19930	-3.8	119.3	-43	-30.0
19940	0.3	119.6	-43	-22.3
19950	0.1	119.7	-43	-14.9
19960	0.8	119.9	-43	-13.8
19970	14.1	120.0	-44	-9.0
19980	11.0	120.0	-44	-0.7
19990	3.5	120.0	-44	2.9
20000	3.5	119.9	-43	4.2
20010	10.6	119.9	-43	6.3
20020	5.8	119.8	-43	11.1
20030	3.7	119.6	-43	14.1
20040	8.4	119.4	-43	16.2
20050	7.2	119.2	-43	20.2
20060	7.7	119.0	-43	23.6
20070	8.8	118.7	-42	27.6
20080	8.4	118.3	-42	32.2
20090	8.7	117.9	-41	36.4
20100	9.2	117.5	-41	40.9
20110	8.1	117.0	-41	45.2
20120	7.3	116.4	-40	60.1
20130	8.0	115.9	-39	64.4
20140	7.5	115.3	-39	69.2
20150	7.5	114.6	-38	73.4
20160	8.3	113.9	-37	78.2
20170	8.3	113.1	-37	82.7
20180	8.3	112.4	-36	79.8
20190	8.5	111.5	-35	84.6
20200	8.4	110.6	-34	89.1
20210	7.3	109.7	-33	93.4
20220	6.8	108.8	-32	97.7
20230	6.9	107.8	-31	101.1
20240	6.5	106.7	-30	104.8
20250	6.1	105.6	-29	108.3
20260	5.7	104.5	-28	111.2
20270	6.2	103.4	-27	114.2
20280	6.6	102.2	-26	117.6
20290	6.5	101.0	-25	120.5
20300	5.4	99.8	-23	124.0
20310	5.6	98.5	-22	126.9
20320	5.3	97.2	-21	129.6
20330	3.9	95.9	-19	132.0
20340	3.5	94.6	-18	134.1
20350	4.3	93.2	-17	135.7
20360	4.1	91.9	-15	137.6
20370	3.3	90.5	-14	139.2
20380	3.9	89.1	-13	140.2
20390	3.8	87.7	-11	142.1
20400	3.0	86.2	-10	143.7
20410	3.1	84.8	-8	145.0
20420	3.0	83.3	-7	146.1
20430	2.4	81.8	-5	147.4
20440	2.6	80.4	-4	148.0
20450	2.7	78.9	-2	149.0
20460	1.8	77.4	-1	149.6

20470	1.6	75.9	1	150.4
20480	1.9	74.4	2	150.4
20490	1.4	72.9	4	150.6
20500	1.4	71.4	5	150.9
20510	1.2	69.8	7	150.9
20520	3.4	68.5	8	125.1
20530	25.0	67.2	9	122.9
20540	19.1	66.3	10	88.6
20550	6.4	65.6	11	68.6
20560	8.8	65.0	11	53.7
20570	8.9	64.6	12	38.0
20580	4.7	64.2	12	33.2
20590	3.3	63.9	13	25.8
20600	1.1	63.7	13	18.1
20610	-0.1	63.6	13	15.7
20620	-0.3	63.4	13	10.9
20630	-0.5	63.3	13	9.8
20640	-8.4	63.2	13	6.6
20650	-8.1	63.2	13	2.1
20660	-1.2	63.2	13	-1.3
20670	-4.2	63.2	13	-1.3
20680	-8.7	63.3	13	-3.7
20690	-4.7	63.3	13	-9.3
20700	-4.6	63.4	13	-12.7
20710	-8.7	63.6	13	-15.7
20720	-6.8	63.8	13	-20.2
20730	-6.0	64.0	12	-24.4
20740	-8.3	64.2	12	-25.5
20750	-8.1	64.5	12	-26.6
20760	-7.2	64.8	12	-30.6
20770	-8.8	65.2	11	-34.3
20780	-9.5	65.6	11	-38.6
20790	-8.9	66.1	10	-43.3
20800	-9.8	66.6	10	-47.9
20810	-10.2	67.2	9	-52.4
20820	-9.8	67.8	9	-70.0
20830	-9.5	68.5	8	-75.8
20840	-9.8	69.2	7	-81.9
20850	-9.6	70.0	6	-87.3
20860	-10.2	70.8	6	-84.6
20870	-9.9	71.7	5	-90.5
20880	-9.6	72.7	4	-95.8
20890	-10.2	73.7	3	-100.8
20900	-10.2	74.7	2	-106.7
20910	-10.0	75.8	1	-112.3
20920	-10.4	77.0	-1	-117.6
20930	-10.2	78.2	-2	-123.2
20940	-9.4	79.5	-3	-128.5
20950	-8.9	80.8	-4	-133.6
20960	-8.5	82.2	-6	-138.4
20970	-8.8	83.6	-7	-142.6
20980	-8.8	85.1	-9	-147.2
20990	-8.9	86.6	-10	-151.7
21000	-8.4	88.1	-12	-156.5

21010	-8.5	89.7	-13	-160.7
21020	-7.6	91.4	-15	-165.0
21030	-7.7	93.0	-17	-168.7
21040	-7.6	94.8	-18	-172.5
21050	-8.3	96.5	-20	-174.6
21060	-10.3	98.2	-22	-174.3
21070	-8.3	100.0	-24	-174.3
21080	-6.8	101.7	-25	-174.3
21090	-7.5	103.5	-27	-174.3
21100	-8.0	105.2	-29	-174.3
21110	-6.8	107.0	-31	-174.3
21120	-4.9	108.7	-32	-174.3
21130	-3.3	110.4	-34	-173.8
21140	-2.0	112.2	-36	-174.1
21150	-1.6	113.9	-37	-173.5
21160	-16.3	115.4	-39	-147.7
21170	-28.9	116.6	-40	-101.4
21180	-19.7	117.5	-41	-85.4
21190	-3.7	118.2	-42	-56.4
21200	-4.9	118.7	-42	-47.3
21210	-5.7	119.1	-43	-32.2
21220	-1.9	119.4	-43	-29.8
21230	0.1	119.6	-43	-20.2
21240	0.1	119.8	-43	-13.5
21250	1.2	119.9	-43	-12.5
21260	17.1	120.0	-44	-7.4
21270	8.5	120.0	-44	0.5
21280	1.6	120.0	-44	2.9
21290	6.4	120.0	-44	4.5
21300	7.7	119.9	-43	6.6
21310	5.0	119.8	-43	10.9
21320	2.8	119.6	-43	13.5
21330	6.5	119.5	-43	15.1
21340	6.6	119.3	-43	17.8
21350	6.5	119.1	-43	21.2
21360	7.2	118.8	-42	30.0
21370	8.0	118.5	-42	34.0
21380	8.1	118.2	-42	38.8
21390	7.2	117.8	-41	43.6
21400	6.9	117.3	-41	48.1
21410	6.9	116.9	-40	52.1
21420	6.6	116.4	-40	56.4
21430	6.1	115.8	-39	60.1
21440	6.5	115.2	-39	64.1
21450	7.6	114.6	-38	67.8
21460	7.3	114.0	-38	72.4
21470	7.6	113.3	-37	76.6
21480	7.7	112.6	-36	73.7
21490	7.7	111.8	-35	78.0
21500	7.5	111.0	-35	82.2
21510	6.4	110.1	-34	86.2
21520	5.8	109.3	-33	89.7
21530	6.0	108.3	-32	92.6
21540	6.1	107.4	-31	95.5

21550	5.7	106.4	-30	99.0
21560	5.8	105.4	-29	101.6
21570	6.2	104.3	-28	105.1
21580	5.8	103.3	-27	108.0
21590	6.1	102.2	-26	111.0
21600	6.0	101.0	-25	114.4
21610	5.0	99.9	-23	117.1
21620	5.3	98.7	-22	119.8
21630	4.9	97.5	-21	122.4
21640	4.3	96.2	-20	124.5
21650	4.3	95.0	-19	126.7
21660	4.9	93.7	-17	128.8
21670	5.3	92.4	-16	131.2
21680	5.0	91.0	-15	133.6
21690	4.7	89.7	-13	136.0
21700	5.6	88.3	-12	138.1
21710	4.7	86.9	-10	140.8
21720	4.3	85.5	-9	143.2
21730	4.1	84.0	-8	145.0
21740	4.5	82.6	-6	147.2
21750	3.9	81.1	-5	148.8
21760	4.5	79.6	-3	150.6
21770	4.2	78.1	-2	152.2
21780	3.0	76.5	0	154.4
21790	4.2	75.0	1	155.7
21800	4.1	73.4	3	157.0
21810	3.0	71.8	5	158.6
21820	3.9	70.2	6	159.7
21830	6.6	68.7	8	138.7
21840	26.7	67.3	9	135.7
21850	24.7	66.4	10	96.6
21860	11.8	65.6	11	74.0
21870	11.0	64.9	12	62.2
21880	11.4	64.5	12	44.4
21890	7.7	64.1	12	34.3
21900	5.7	63.8	13	28.7
21910	2.4	63.6	13	20.2
21920	-0.4	63.5	13	15.1
21930	-0.1	63.3	13	12.7
21940	-0.1	63.2	13	9.3
21950	-0.7	63.2	13	7.7
21960	-7.5	63.1	13	5.3
21970	-7.7	63.1	13	0.5
21980	-0.9	63.1	13	-2.3
21990	-4.5	63.1	13	-2.9
22000	-8.4	63.2	13	-6.1
22010	-5.2	63.3	13	-9.5
22020	-5.7	63.4	13	-11.4
22030	-9.4	63.5	13	-14.3
22040	-7.7	63.7	13	-20.4
22050	-7.5	64.0	12	-27.4
22060	-8.5	64.2	12	-28.7
22070	-8.5	64.6	12	-29.8
22080	-8.0	64.9	12	-34.0

22090	-9.1	65.3	11	-38.3
22100	-9.2	65.8	11	-42.5
22110	-9.2	66.3	10	-57.7
22120	-9.9	66.9	10	-63.0
22130	-9.8	67.5	9	-68.6
22140	-9.6	68.2	8	-74.5
22150	-9.6	68.9	8	-80.3
22160	-9.4	69.7	7	-85.9
22170	-9.6	70.5	6	-83.3
22180	-9.5	71.4	5	-88.6
22190	-8.7	72.3	4	-93.9
22200	-9.5	73.3	3	-98.5
22210	-10.6	74.3	2	-103.8
22220	-9.6	75.4	1	-109.6
22230	-10.0	76.5	0	-114.7
22240	-10.4	77.7	-1	-120.3
22250	-9.6	78.9	-2	-125.9
22260	-9.6	80.2	-4	-131.5
22270	-9.2	81.6	-5	-136.3
22280	-8.9	83.0	-7	-141.3
22290	-9.2	84.4	-8	-145.8
22300	-8.8	85.9	-9	-150.6
22310	-9.9	87.5	-11	-155.2
22320	-9.5	89.1	-13	-160.2
22330	-8.4	90.7	-14	-165.3
22340	-8.8	92.4	-16	-169.3
22350	-7.6	94.1	-18	-173.5
22360	-10.6	95.8	-19	-174.6
22370	-11.3	97.6	-21	-174.6
22380	-8.4	99.3	-23	-174.6
22390	-8.0	101.1	-25	-174.6
22400	-8.1	102.8	-26	-174.3
22410	-7.3	104.6	-28	-174.3
22420	-6.5	106.3	-30	-174.3
22430	-5.3	108.1	-32	-174.1
22440	-2.4	109.8	-33	-174.1
22450	-1.6	111.5	-35	-173.8
22460	-1.5	113.3	-37	-173.8
22470	-2.0	114.9	-38	-162.9
22480	-28.5	116.2	-40	-111.2
22490	-26.6	117.2	-41	-94.2
22500	-7.1	118.0	-42	-62.8
22510	-3.1	118.5	-42	-51.6
22520	-4.3	119.0	-43	-35.1
22530	-4.3	119.3	-43	-32.4
22540	0.4	119.5	-43	-22.3
22550	0.1	119.7	-43	-14.9
22560	0.3	119.9	-43	-13.5
22570	3.4	119.9	-43	-9.3
22580	13.6	120.0	-44	-3.9
22590	5.0	120.0	-44	1.5
22600	-0.4	120.0	-44	2.9
22610	8.3	119.9	-43	3.4
22620	5.3	119.9	-43	8.2

22630	2.7	119.8	-43	11.7
22640	4.6	119.6	-43	13.8
22650	5.7	119.5	-43	16.2
22660	5.6	119.3	-43	19.4
22670	5.8	119.1	-43	22.8
22680	6.6	118.9	-42	26.6
22690	6.9	118.6	-42	30.6
22700	6.5	118.3	-42	34.6
22710	5.8	118.0	-42	38.8
22720	5.7	117.6	-41	42.5
22730	6.1	117.2	-41	45.7
22740	5.6	116.7	-40	49.2
22750	5.4	116.3	-40	52.7
22760	6.1	115.8	-39	55.9
22770	6.6	115.2	-39	59.6
22780	6.6	114.7	-38	63.3
22790	6.4	114.1	-38	67.3
22800	6.9	113.4	-37	71.0
22810	6.1	112.8	-36	68.1
22820	5.6	112.0	-36	71.8
22830	5.7	111.3	-35	74.8
22840	5.8	110.5	-34	77.7
22850	5.4	109.7	-33	80.6
22860	5.3	108.9	-32	83.5
22870	5.8	108.0	-32	86.5
22880	6.1	107.2	-31	89.7
22890	5.7	106.2	-30	93.1
22900	6.0	105.3	-29	96.1
22910	5.4	104.3	-28	99.0
22920	5.3	103.3	-27	101.9
22930	5.4	102.2	-26	104.6
22940	5.2	101.2	-25	107.5
22950	4.3	100.1	-24	109.6
22960	5.0	99.0	-23	112.0
22970	4.7	97.8	-21	114.7
22980	4.7	96.7	-20	116.8
22990	4.1	95.5	-19	119.0
23000	4.2	94.3	-18	120.8
23010	4.6	93.1	-17	122.9
23020	4.1	91.8	-15	125.1
23030	3.5	90.5	-14	126.9
23040	3.8	89.3	-13	128.8
23050	4.2	88.0	-12	130.1
23060	3.4	86.6	-10	132.3
23070	3.0	85.3	-9	133.6
23080	3.0	84.0	-8	134.9
23090	3.5	82.6	-6	136.3
23100	3.1	81.2	-5	137.3
23110	3.3	79.8	-3	138.9
23120	3.3	78.4	-2	140.2
23130	2.3	77.0	-1	141.6
23140	2.8	75.6	1	142.4
23150	3.3	74.2	2	143.4
23160	2.4	72.7	4	144.5

23170	2.3	71.3	5	145.0
23180	3.1	69.9	7	131.2
23190	8.8	68.5	8	121.1
23200	23.5	67.3	9	120.3
23210	18.4	66.4	10	87.5
23220	9.6	65.7	11	68.6
23230	10.4	65.1	11	59.9
23240	10.2	64.6	12	43.6
23250	7.9	64.3	12	34.6
23260	6.5	64.0	12	29.8
23270	2.8	63.8	13	21.2
23280	0.3	63.6	13	16.7
23290	0.7	63.4	13	14.3
23300	0.4	63.3	13	10.3
23310	-0.1	63.2	13	8.5
23320	0.0	63.2	13	7.1
23330	-0.1	63.1	13	5.8
23340	-0.5	63.1	13	4.5
23350	-0.9	63.0	13	3.1
23360	-6.4	63.0	13	1.8
23370	-3.4	63.0	13	-1.3
23380	-0.9	63.0	13	-2.1
23390	-3.7	63.0	13	-2.1
23400	-4.2	63.1	13	-3.9
23410	-2.2	63.1	13	-7.1
23420	-2.8	63.2	13	-9.0
23430	-3.8	63.3	13	-10.1
23440	-2.4	63.4	13	-12.7
23450	-3.5	63.5	13	-14.3
23460	-4.9	63.7	13	-14.6
23470	-4.5	63.8	13	-15.4
23480	-5.2	64.0	12	-18.1
23490	-6.1	64.3	12	-20.4
23500	-5.6	64.5	12	-23.1
23510	-5.3	64.8	12	-25.8
23520	-6.0	65.1	11	-34.8
23530	-5.6	65.5	11	-38.3
23540	-5.3	65.8	11	-41.7
23550	-6.2	66.2	10	-40.9
23560	-6.6	66.6	10	-39.6
23570	-6.1	67.1	9	-42.5
23580	-6.6	67.6	9	-45.7
23590	-7.1	68.1	8	-48.9
23600	-6.6	68.7	8	-52.4
23610	-6.4	69.3	7	-55.6
23620	-6.6	70.0	6	-64.9
23630	-6.5	70.7	6	-68.6
23640	-5.8	71.4	5	-72.4
23650	-6.6	72.1	4	-75.8
23660	-7.2	72.9	4	-79.0
23670	-6.6	73.7	3	-82.7
23680	-6.6	74.6	2	-86.5
23690	-6.6	75.5	1	-89.9
23700	-6.8	76.4	0	-93.4

23710	-6.4	77.4	-1	-97.4
23720	-6.4	78.4	-2	-100.6
23730	-6.5	79.4	-3	-104.0
23740	-5.8	80.5	-4	-107.2
23750	-6.1	81.6	-5	-110.4
23760	-6.1	82.7	-6	-113.6
23770	-6.4	83.9	-7	-116.6
23780	-6.2	85.0	-9	-119.8
23790	-6.2	86.3	-10	-123.2
23800	-6.8	87.5	-11	-126.4
23810	-6.5	88.8	-12	-129.9
23820	-6.0	90.1	-14	-132.8
23830	-6.1	91.5	-15	-136.0
23840	-6.1	92.9	-16	-138.9
23850	-6.2	94.3	-18	-141.8
23860	-7.1	95.7	-19	-144.8
23870	-6.8	97.2	-21	-148.2
23880	-5.6	98.7	-22	-151.7
23890	-6.1	100.2	-24	-154.4
23900	-6.1	101.8	-25	-157.3
23910	-5.8	103.4	-27	-160.0
23920	-6.0	105.0	-29	-162.9
23930	-5.8	106.7	-30	-165.5
23940	-5.3	108.3	-32	-167.9
23950	-3.1	110.0	-34	-170.3
23960	-3.4	111.8	-35	-171.4
23970	-4.9	113.5	-37	-172.5
23980	-12.9	115.0	-39	-140.5
23990	-32.4	116.3	-40	-121.6
24000	-29.2	117.3	-41	-82.5
24010	-9.4	118.1	-42	-68.6
24020	-10.7	118.6	-42	-46.0
24030	-11.7	119.0	-43	-39.1
24040	-6.6	119.4	-43	-26.6
24050	-2.3	119.6	-43	-23.9
24060	-0.8	119.8	-43	-16.5
24070	0.0	119.9	-43	-10.9
24080	0.0	120.0	-44	-10.1
24090	0.4	120.1	-44	-6.9
24100	2.6	120.1	-44	-5.0
24110	11.7	120.2	-44	-1.3
24120	2.6	120.2	-44	2.6
24130	-0.7	120.1	-44	3.1
24140	7.1	120.1	-44	3.7
24150	5.2	120.0	-44	6.1
24160	3.1	119.9	-43	8.7
24170	5.4	119.8	-43	12.7
24180	6.5	119.7	-43	15.9
24190	6.1	119.5	-43	19.9
24200	5.8	119.3	-43	23.9
24210	6.1	119.1	-43	27.4
24220	5.6	118.8	-42	31.1
24230	5.4	118.5	-42	34.3
24240	5.0	118.1	-42	37.5

24250	5.3	117.8	-41	40.7
24260	6.2	117.4	-41	43.9
24270	6.2	117.0	-41	47.6
24280	6.0	116.5	-40	51.3
24290	6.5	116.0	-40	54.8
24300	6.5	115.5	-39	58.5
24310	5.7	114.9	-38	62.5
24320	5.8	114.3	-38	66.0
24330	5.7	113.7	-37	69.2
24340	5.4	113.1	-37	66.0
24350	4.9	112.4	-36	68.9
24360	5.2	111.7	-35	71.6
24370	5.6	110.9	-34	74.5
24380	5.4	110.2	-34	77.2
24390	5.4	109.4	-33	80.1
24400	5.6	108.5	-32	83.0
24410	5.6	107.7	-31	85.9
24420	5.0	106.8	-30	88.9
24430	4.7	105.9	-29	91.5
24440	4.7	105.0	-29	93.9
24450	4.3	104.0	-28	96.3
24460	4.6	103.0	-27	98.5
24470	4.9	102.0	-26	100.8
24480	5.0	101.0	-25	103.2
24490	4.3	100.0	-24	105.6
24500	4.7	98.9	-22	108.0
24510	5.0	97.8	-21	110.4
24520	4.6	96.7	-20	112.8
24530	3.9	95.5	-19	115.0
24540	4.1	94.3	-18	116.8
24550	4.3	93.2	-17	118.7
24560	4.2	92.0	-16	120.5
24570	4.1	90.7	-14	122.4
24580	4.2	89.5	-13	124.3
24590	4.6	88.2	-12	126.1
24600	3.9	87.0	-11	128.3
24610	3.7	85.7	-9	130.1
24620	3.8	84.4	-8	132.0
24630	4.1	83.0	-7	133.6
24640	3.5	81.7	-5	135.2
24650	4.1	80.3	-4	137.1
24660	4.1	78.9	-2	138.7
24670	3.1	77.5	-1	140.0
24680	3.3	76.1	0	141.6
24690	4.1	74.7	2	142.9
24700	3.0	73.2	3	144.5
24710	2.6	71.8	5	145.6
24720	3.4	70.3	6	146.4
24730	4.2	68.9	8	129.6
24740	22.4	67.6	9	130.1
24750	23.1	66.7	10	95.3
24760	12.9	65.9	11	74.2
24770	11.4	65.3	11	52.7
24780	12.1	64.8	12	47.1

24790	10.2	64.3	12	40.7
24800	8.5	64.1	12	26.0
24810	5.7	63.8	13	22.8
24820	1.8	63.6	13	17.8
24830	1.4	63.5	13	15.1
24840	1.6	63.4	13	11.1
24850	-0.1	63.3	13	9.8
24860	-0.1	63.2	13	6.9
24870	0.0	63.1	13	4.7
24880	-0.3	63.1	13	3.9
24890	-0.5	63.0	13	2.9
24900	-1.4	63.0	13	2.9
24910	-7.6	63.0	13	1.3
24920	-3.3	63.0	13	-1.5
24930	-1.2	63.0	13	-2.9
24940	-5.2	63.1	13	-3.9
24950	-4.9	63.1	13	-6.6
24960	-2.8	63.2	13	-9.5
24970	-4.6	63.3	13	-11.4
24980	-5.3	63.4	13	-12.7
24990	-4.1	63.6	13	-15.4
25000	-5.4	63.7	13	-16.2
25010	-6.6	64.0	12	-22.8
25020	-6.0	64.2	12	-26.6
25030	-6.5	64.5	12	-30.3
25040	-7.3	64.7	12	-30.8
25050	-6.5	65.1	11	-31.4
25060	-5.8	65.5	11	-34.6
25070	-6.1	65.9	11	-37.2
25080	-6.1	66.3	10	-49.7
25090	-5.7	66.8	10	-53.2
25100	-5.8	67.3	9	-56.1
25110	-6.6	67.8	9	-59.6
25120	-6.6	68.4	8	-63.6
25130	-6.5	69.0	7	-67.8
25140	-6.5	69.7	7	-71.3
25150	-6.8	70.3	6	-68.4
25160	-6.0	71.0	5	-72.1
25170	-5.3	71.8	5	-75.6
25180	-6.0	72.6	4	-78.2
25190	-6.1	73.4	3	-81.4
25200	-5.8	74.2	2	-84.9
25210	-5.7	75.1	1	-87.8
25220	-6.4	76.0	0	-90.7
25230	-6.5	76.9	0	-94.2
25240	-6.4	77.9	-1	-97.7
25250	-6.0	78.9	-2	-100.6
25260	-6.1	79.9	-3	-104.0
25270	-5.3	81.0	-5	-107.0
25280	-5.0	82.1	-6	-109.4
25290	-5.6	83.2	-7	-112.3
25300	-5.2	84.3	-8	-114.7
25310	-4.7	85.5	-9	-117.6
25320	-6.0	86.7	-10	-119.8

25330	-5.3	87.9	-11	-122.9
25340	-5.2	89.2	-13	-125.3
25350	-4.9	90.4	-14	-128.0
25360	-4.9	91.7	-15	-130.1
25370	-4.6	93.1	-17	-132.5
25380	-4.5	94.4	-18	-134.7
25390	-5.2	95.8	-19	-137.1
25400	-4.7	97.1	-21	-138.9
25410	-3.7	98.6	-22	-141.3
25420	-4.1	100.0	-24	-142.9
25430	-4.3	101.4	-25	-144.8
25440	-4.3	102.9	-26	-146.4
25450	-3.1	104.4	-28	-148.2
25460	-4.3	105.9	-29	-149.6
25470	-4.3	107.4	-31	-151.4
25480	-2.7	108.9	-32	-153.0
25490	-2.8	110.4	-34	-154.1
25500	-3.5	112.0	-36	-155.2
25510	-4.3	113.5	-37	-140.5
25520	-13.8	114.9	-38	-126.7
25530	-28.7	116.1	-40	-112.3
25540	-25.5	117.1	-41	-79.0
25550	-10.3	117.8	-41	-67.6
25560	-12.3	118.4	-42	-47.1
25570	-14.4	118.8	-42	-41.5
25580	-9.9	119.1	-43	-28.7
25590	-6.5	119.4	-43	-27.1
25600	-7.1	119.6	-43	-19.4
25610	-4.9	119.8	-43	-13.3
25620	-1.4	119.9	-43	-12.5
25630	-1.5	120.0	-44	-9.0
25640	-1.2	120.1	-44	-6.1
25650	0.1	120.1	-44	-5.5
25660	0.0	120.2	-44	-4.2
25670	0.0	120.2	-44	-3.1
25680	0.4	120.2	-44	-2.6
25690	0.5	120.3	-44	-1.8
25700	1.8	120.3	-44	-1.5
25710	12.9	120.3	-44	1.0
25720	5.8	120.2	-44	6.1
25730	1.5	120.1	-44	9.5
25740	7.9	120.0	-44	11.4
25750	7.2	119.9	-43	14.9
25760	4.3	119.8	-43	19.4
25770	5.4	119.6	-43	22.3
25780	6.9	119.3	-43	25.5
25790	6.0	119.1	-43	26.6
25800	6.0	118.8	-42	27.1
25810	7.3	118.5	-42	30.0
25820	6.9	118.1	-42	33.8
25830	7.6	117.7	-41	37.0
25840	8.3	117.3	-41	40.7
25850	7.6	116.8	-40	44.7
25860	7.6	116.2	-40	58.8

25870	7.7	115.7	-39	63.6
25880	7.2	115.0	-39	67.8
25890	7.1	114.4	-38	72.1
25900	7.5	113.7	-37	76.4
25910	7.2	113.0	-37	73.4
25920	7.1	112.2	-36	77.7
25930	8.0	111.4	-35	81.4
25940	8.0	110.6	-34	85.7
25950	7.5	109.7	-33	89.9
25960	7.6	108.8	-32	93.9
25970	7.5	107.8	-31	97.9
25980	7.2	106.8	-30	101.9
25990	6.8	105.7	-29	105.6
26000	6.2	104.6	-28	109.4
26010	6.1	103.5	-27	112.6
26020	6.6	102.4	-26	115.8
26030	6.6	101.2	-25	119.2
26040	5.6	100.0	-24	122.4
26050	6.1	98.7	-22	125.3
26060	6.1	97.4	-21	128.5
26070	5.2	96.1	-20	131.5
26080	4.6	94.8	-18	134.1
26090	4.7	93.4	-17	136.3
26100	4.6	92.1	-16	138.1
26110	4.1	90.7	-14	140.5
26120	4.2	89.3	-13	142.1
26130	4.6	87.8	-11	144.2
26140	3.7	86.4	-10	145.8
26150	3.9	84.9	-8	147.7
26160	4.3	83.4	-7	149.3
26170	3.7	81.9	-5	151.2
26180	4.1	80.4	-4	152.8
26190	4.3	78.8	-2	154.4
26200	2.8	77.3	-1	156.0
26210	2.7	75.7	1	157.6
26220	3.9	74.1	2	158.4
26230	2.8	72.5	4	160.0
26240	2.4	70.9	6	160.7
26250	3.4	69.4	7	145.3
26260	19.0	67.9	9	123.7
26270	29.2	66.7	10	118.4
26280	18.2	65.9	11	82.7
26290	11.1	65.2	11	63.3
26300	12.2	64.6	12	54.0
26310	10.6	64.3	12	38.0
26320	7.9	63.9	13	29.0
26330	6.2	63.7	13	24.2
26340	2.0	63.5	13	14.9
26350	0.0	63.4	13	12.5
26360	0.0	63.3	13	10.1
26370	-0.1	63.2	13	7.7
26380	-0.3	63.1	13	5.0
26390	-0.7	63.1	13	4.5
26400	-2.3	63.1	13	3.4

26410	-11.4	63.0	13	0.2
26420	-3.4	63.1	13	-3.7
26430	-2.2	63.1	13	-5.3
26440	-9.9	63.2	13	-7.7
26450	-8.1	63.3	13	-12.5
26460	-5.6	63.4	13	-17.5
26470	-8.8	63.6	13	-21.0
26480	-9.5	63.8	13	-25.8
26490	-7.2	64.1	12	-31.9
26500	-8.1	64.4	12	-36.2
26510	-9.9	64.8	12	-37.2
26520	-9.6	65.2	11	-46.8
26530	-10.0	65.7	11	-52.9
26540	-11.7	66.2	10	-53.7
26550	-11.8	66.8	10	-53.7
26560	-11.1	67.4	9	-59.3
26570	-11.5	68.1	8	-64.6
26580	-11.8	68.9	8	-70.5
26590	-10.6	69.7	7	-76.1
26600	-11.3	70.6	6	-90.2
26610	-11.0	71.6	5	-96.6
26620	-10.4	72.6	4	-102.7
26630	-10.6	73.7	3	-108.3
26640	-11.1	74.8	2	-114.4
26650	-10.4	76.0	0	-120.3
26660	-10.4	77.2	-1	-126.1
26670	-10.8	78.5	-2	-131.5
26680	-9.8	79.9	-3	-137.3
26690	-8.5	81.3	-5	-142.4
26700	-8.4	82.8	-6	-147.2
26710	-8.5	84.3	-8	-151.2
26720	-7.6	85.8	-9	-155.7
26730	-8.8	87.4	-11	-159.7
26740	-8.7	89.0	-13	-163.9
26750	-7.2	90.7	-14	-168.2
26760	-7.5	92.4	-16	-171.7
26770	-7.2	94.2	-18	-174.6
26780	-10.3	95.9	-19	-174.6
26790	-9.6	97.7	-21	-174.6
26800	-6.6	99.4	-23	-174.3
26810	-7.5	101.1	-25	-174.3
26820	-8.0	102.9	-26	-174.3
26830	-7.3	104.6	-28	-174.6
26840	-6.8	106.4	-30	-174.3
26850	-6.8	108.1	-32	-174.3
26860	-3.8	109.9	-33	-174.3
26870	-3.5	111.6	-35	-174.3
26880	-4.3	113.3	-37	-173.8
26890	-10.2	114.9	-38	-161.5
26900	-32.1	116.3	-40	-110.7
26910	-29.7	117.3	-41	-93.9
26920	-9.4	118.0	-42	-62.8
26930	-8.8	118.6	-42	-51.9
26940	-9.6	119.0	-43	-35.1

26950	-5.4	119.3	-43	-32.2
26960	-0.9	119.6	-43	-21.8
26970	0.0	119.7	-43	-14.6
26980	0.1	119.9	-43	-11.1
26990	1.1	120.0	-44	-8.2
27000	16.7	120.0	-44	-6.1
27010	8.7	120.0	-44	2.3
27020	1.4	120.0	-44	5.8
27030	6.6	119.9	-43	6.9
27040	8.4	119.9	-43	10.3
27050	4.7	119.7	-43	15.4
27060	4.9	119.6	-43	18.6
27070	8.1	119.4	-43	21.5
27080	7.9	119.1	-43	26.3
27090	7.6	118.9	-42	31.1

ISOK_EXERC_ER_IR_180_R_SIDE

01/08

Set #4

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	120.4	-44	0.0
10	0.8	120.3	-44	0.5
20	0.9	120.3	-44	1.0
30	1.2	120.3	-44	1.3
40	1.1	120.3	-44	2.1
50	1.2	120.3	-44	2.1
60	10.7	120.2	-44	4.5
70	6.5	120.2	-44	9.0
80	1.1	120.1	-44	13.3
90	3.1	119.9	-43	14.3
100	6.1	119.8	-43	16.2
110	7.1	119.6	-43	19.9
120	4.9	119.4	-43	21.5
130	4.2	119.2	-43	21.8
140	6.4	118.9	-42	24.2
150	8.0	118.6	-42	27.4
160	6.1	118.3	-42	31.6
170	5.3	117.9	-41	34.3
180	7.2	117.5	-41	37.2
190	8.4	117.1	-41	40.7
200	7.1	116.6	-40	54.3
210	6.6	116.0	-40	58.5
220	7.9	115.5	-39	62.8
230	8.4	114.9	-38	67.3
240	7.6	114.2	-38	72.1
250	7.2	113.5	-37	76.6
260	7.9	112.8	-36	73.4
270	8.1	112.0	-36	78.0
280	8.0	111.2	-35	82.5
290	7.9	110.4	-34	86.7
300	8.1	109.5	-33	91.3
310	8.8	108.5	-32	95.8
320	8.9	107.5	-31	100.3
330	8.4	106.5	-30	105.1
340	8.1	105.4	-29	109.9
350	8.5	104.3	-28	114.2
360	8.8	103.1	-27	118.7
370	8.5	101.9	-25	123.2
380	8.4	100.6	-24	127.7
390	8.1	99.3	-23	132.0
400	8.7	97.9	-21	136.3
410	8.4	96.6	-20	140.8
420	7.3	95.1	-19	145.3
430	7.5	93.6	-17	148.8
440	7.7	92.1	-16	152.8
450	7.1	90.6	-14	156.5
460	7.5	89.0	-13	160.0
470	7.6	87.3	-11	163.7
480	6.4	85.7	-9	167.4

490	6.2	84.0	-8	170.3
500	6.9	82.3	-6	173.5
510	6.5	80.5	-4	176.5
520	7.1	78.7	-2	178.9
530	7.2	76.9	0	179.1
540	7.1	75.1	1	179.4
550	6.6	73.3	3	179.4
560	6.0	71.5	5	179.4
570	6.8	69.8	7	161.3
580	17.6	68.1	8	144.5
590	37.0	66.7	10	136.0
600	29.2	65.8	11	92.6
610	14.4	65.1	11	68.4
620	13.4	64.5	12	55.3
630	13.3	64.1	12	37.8
640	13.0	63.8	13	27.9
650	9.6	63.6	13	18.6
660	3.0	63.4	13	14.9
670	0.5	63.3	13	10.9
680	1.5	63.2	13	7.4
690	2.8	63.1	13	6.9
700	0.8	63.1	13	4.5
710	0.0	63.1	13	3.4
720	0.0	63.0	13	2.6
730	0.0	63.0	13	2.1
740	-0.3	63.0	13	2.3
750	-0.5	63.0	13	2.1
760	-0.9	63.0	13	1.8
770	-8.4	62.9	14	0.7
780	-8.8	63.0	13	-2.9
790	-1.9	63.0	13	-7.9
800	-3.9	63.1	13	-9.3
810	-9.6	63.2	13	-11.9
820	-5.8	63.4	13	-17.0
830	-4.5	63.5	13	-21.0
840	-8.5	63.7	13	-21.5
850	-9.1	64.0	12	-23.4
860	-7.3	64.3	12	-27.4
870	-8.4	64.6	12	-31.1
880	-10.8	65.0	11	-43.1
890	-9.6	65.5	11	-49.5
900	-8.5	65.9	11	-55.3
910	-10.0	66.5	10	-55.1
920	-10.4	67.1	9	-54.5
930	-8.8	67.7	9	-59.3
940	-9.1	68.4	8	-63.8
950	-10.6	69.1	7	-68.4
960	-10.2	70.0	6	-81.4
970	-10.2	70.8	6	-86.7
980	-10.6	71.7	5	-92.6
990	-10.2	72.7	4	-98.2
1000	-9.8	73.7	3	-103.8
1010	-9.5	74.8	2	-109.6
1020	-9.4	76.0	0	-114.4

1030	-8.9	77.1	-1	-119.5
1040	-9.1	78.4	-2	-124.3
1050	-8.9	79.6	-3	-129.1
1060	-8.3	81.0	-5	-133.6
1070	-8.0	82.3	-6	-138.1
1080	-8.4	83.8	-7	-142.4
1090	-8.3	85.2	-9	-146.6
1100	-8.0	86.7	-10	-150.4
1110	-7.1	88.2	-12	-154.6
1120	-7.3	89.8	-13	-158.4
1130	-5.6	91.4	-15	-162.1
1140	-6.6	93.1	-17	-164.5
1150	-6.4	94.7	-18	-167.4
1160	-5.8	96.4	-20	-170.9
1170	-6.4	98.2	-22	-173.3
1180	-6.0	99.9	-23	-174.1
1190	-6.4	101.6	-25	-174.3
1200	-5.8	103.4	-27	-174.1
1210	-5.6	105.1	-29	-174.1
1220	-5.0	106.9	-30	-174.3
1230	-3.9	108.6	-32	-173.8
1240	-2.3	110.4	-34	-173.8
1250	-1.9	112.1	-36	-174.1
1260	-1.9	113.8	-37	-173.5
1270	-16.5	115.3	-39	-149.8
1280	-31.2	116.6	-40	-103.0
1290	-23.1	117.5	-41	-87.0
1300	-6.0	118.2	-42	-57.7
1310	-6.1	118.7	-42	-48.4
1320	-8.3	119.1	-43	-33.0
1330	-4.9	119.4	-43	-27.6
1340	-0.8	119.6	-43	-18.3
1350	0.1	119.8	-43	-16.7
1360	0.1	119.9	-43	-11.7
1370	1.2	120.0	-44	-7.9
1380	14.1	120.1	-44	-5.5
1390	6.6	120.1	-44	1.5
1400	0.7	120.1	-44	3.7
1410	5.8	120.0	-44	4.7
1420	6.6	120.0	-44	6.3
1430	5.0	119.9	-43	9.3
1440	5.0	119.8	-43	11.9
1450	6.2	119.6	-43	17.8
1460	8.3	119.4	-43	21.5
1470	8.1	119.2	-43	26.3
1480	7.7	118.9	-42	28.2
1490	8.4	118.6	-42	29.2
1500	9.1	118.2	-42	33.5
1510	8.3	117.8	-41	38.0
1520	8.3	117.4	-41	42.0
1530	8.5	116.9	-40	46.0
1540	8.5	116.3	-40	50.3
1550	9.1	115.7	-39	54.3
1560	9.9	115.1	-39	59.1

1570	9.8	114.4	-38	63.6
1580	10.0	113.7	-37	68.4
1590	10.4	112.8	-36	81.4
1600	9.8	112.0	-36	87.3
1610	9.8	111.0	-35	92.9
1620	9.8	110.1	-34	98.2
1630	8.9	109.1	-33	103.5
1640	9.5	108.0	-32	108.6
1650	9.9	106.9	-30	113.6
1660	9.5	105.7	-29	119.2
1670	9.4	104.4	-28	124.3
1680	9.9	103.2	-27	129.6
1690	9.8	101.8	-25	134.7
1700	9.4	100.4	-24	139.7
1710	8.8	99.0	-23	144.5
1720	8.8	97.5	-21	149.0
1730	8.3	96.0	-20	153.6
1740	6.9	94.4	-18	157.8
1750	8.0	92.8	-16	161.3
1760	7.6	91.2	-15	165.0
1770	6.8	89.5	-13	168.7
1780	8.0	87.8	-11	172.5
1790	6.6	86.0	-10	176.2
1800	6.4	84.3	-8	178.9
1810	8.4	82.5	-6	179.1
1820	7.3	80.7	-4	179.1
1830	6.5	78.9	-2	179.4
1840	5.0	77.1	-1	179.4
1850	4.6	75.3	1	179.4
1860	4.6	73.5	3	179.4
1870	3.9	71.7	5	179.4
1880	4.1	69.9	7	179.4
1890	11.3	68.3	8	147.7
1900	33.1	66.9	10	140.0
1910	26.8	65.9	11	95.8
1920	11.9	65.1	11	71.0
1930	10.4	64.5	12	52.7
1940	10.7	64.1	12	35.4
1950	9.9	63.8	13	29.2
1960	6.5	63.5	13	23.9
1970	1.2	63.4	13	15.7
1980	-0.1	63.3	13	11.9
1990	0.0	63.2	13	7.7
2000	-0.1	63.1	13	7.1
2010	-0.7	63.0	13	5.0
2020	-3.3	63.0	13	3.1
2030	-8.3	63.0	13	0.5
2040	-1.1	63.0	13	-2.1
2050	-0.3	63.0	13	-2.3
2060	-5.3	63.1	13	-2.6
2070	-4.9	63.1	13	-5.0
2080	-3.3	63.2	13	-9.0
2090	-5.2	63.3	13	-10.9
2100	-6.4	63.4	13	-13.5

2110	-5.8	63.5	13	-17.5
2120	-6.0	63.7	13	-21.0
2130	-7.6	63.9	13	-22.3
2140	-7.9	64.2	12	-23.6
2150	-7.9	64.5	12	-27.6
2160	-8.5	64.8	12	-31.6
2170	-9.1	65.2	11	-35.6
2180	-8.8	65.6	11	-40.1
2190	-9.1	66.1	10	-44.7
2200	-10.0	66.7	10	-48.9
2210	-9.6	67.2	9	-59.3
2220	-9.8	67.9	9	-58.3
2230	-10.0	68.6	8	-63.0
2240	-10.0	69.3	7	-68.1
2250	-10.0	70.1	6	-81.1
2260	-10.6	71.0	5	-86.5
2270	-9.9	71.9	5	-92.9
2280	-9.9	72.9	4	-98.2
2290	-10.6	73.9	3	-103.5
2300	-10.3	75.0	1	-109.4
2310	-9.6	76.1	0	-114.7
2320	-9.8	77.3	-1	-120.3
2330	-10.2	78.5	-2	-125.3
2340	-9.2	79.8	-3	-130.7
2350	-8.5	81.2	-5	-135.5
2360	-8.7	82.6	-6	-140.0
2370	-8.7	84.0	-8	-144.5
2380	-7.9	85.5	-9	-149.0
2390	-8.8	87.0	-11	-153.0
2400	-7.9	88.6	-12	-157.6
2410	-7.6	90.2	-14	-161.3
2420	-6.5	91.8	-15	-165.0
2430	-6.5	93.5	-17	-168.5
2440	-7.1	95.2	-19	-171.4
2450	-6.2	96.9	-20	-174.1
2460	-7.3	98.7	-22	-174.3
2470	-6.6	100.4	-24	-174.1
2480	-5.0	102.2	-26	-174.1
2490	-4.9	103.9	-27	-174.1
2500	-5.7	105.6	-29	-174.1
2510	-5.4	107.4	-31	-174.3
2520	-3.7	109.1	-33	-174.1
2530	-3.7	110.9	-34	-173.8
2540	-3.1	112.6	-36	-174.1
2550	-4.1	114.3	-38	-171.7
2560	-27.9	115.7	-39	-138.9
2570	-34.0	116.9	-40	-106.7
2580	-19.7	117.7	-41	-71.6
2590	-11.4	118.4	-42	-59.3
2600	-12.1	118.9	-42	-40.1
2610	-12.5	119.2	-43	-34.0
2620	-9.6	119.5	-43	-22.8
2630	-5.8	119.7	-43	-21.2
2640	-2.8	119.9	-43	-14.3

2650	-1.4	120.0	-44	-9.5
2660	-1.8	120.1	-44	-8.7
2670	-2.2	120.1	-44	-5.8
2680	-0.5	120.2	-44	-3.9
2690	-0.4	120.2	-44	-3.1
2700	-0.9	120.2	-44	-2.6
2710	-0.1	120.3	-44	-1.8
2720	0.0	120.3	-44	-1.5
2730	0.4	120.3	-44	-1.0
2740	0.7	120.3	-44	-0.7
2750	0.8	120.3	-44	-0.2
2760	12.9	120.3	-44	0.5
2770	9.6	120.3	-44	6.3
2780	1.8	120.2	-44	10.6
2790	2.0	120.1	-44	12.2
2800	9.1	119.9	-43	14.9
2810	6.5	119.7	-43	19.9
2820	4.1	119.5	-43	21.8
2830	6.1	119.3	-43	21.8
2840	7.7	119.0	-43	24.7
2850	7.3	118.7	-42	28.4
2860	7.1	118.4	-42	32.2
2870	7.7	118.0	-42	35.6
2880	8.9	117.6	-41	39.6
2890	8.7	117.1	-41	43.6
2900	7.9	116.6	-40	58.8
2910	8.5	116.0	-40	63.3
2920	8.5	115.4	-39	68.4
2930	8.1	114.7	-38	73.4
2940	8.1	114.0	-38	78.2
2950	8.7	113.3	-37	76.6
2960	8.5	112.5	-36	80.3
2970	9.1	111.6	-35	85.4
2980	9.4	110.8	-34	90.2
2990	8.5	109.8	-33	95.3
3000	8.5	108.8	-32	100.3
3010	9.1	107.8	-31	104.6
3020	8.5	106.7	-30	109.9
3030	7.6	105.6	-29	114.4
3040	7.7	104.4	-28	118.4
3050	7.9	103.2	-27	122.7
3060	7.6	101.9	-25	126.7
3070	7.7	100.6	-24	130.4
3080	7.3	99.3	-23	134.4
3090	7.9	97.9	-21	138.1
3100	7.7	96.5	-20	142.1
3110	6.0	95.1	-19	145.8
3120	6.5	93.6	-17	149.0
3130	6.4	92.1	-16	152.2
3140	5.6	90.5	-14	155.2
3150	5.7	88.9	-12	157.8
3160	5.6	87.3	-11	160.5
3170	4.9	85.7	-9	163.1
3180	4.9	84.1	-8	165.3

3190	5.2	82.4	-6	167.4
3200	4.5	80.7	-4	169.5
3210	4.9	79.0	-3	171.4
3220	3.7	77.3	-1	173.5
3230	2.6	75.5	1	175.1
3240	3.3	73.8	3	175.9
3250	2.6	72.0	4	176.7
3260	2.2	70.2	6	178.1
3270	6.0	68.5	8	187.1
3280	31.1	67.1	9	133.6
3290	28.1	66.0	10	109.6
3300	12.5	65.3	11	74.2
3310	10.7	64.7	12	55.1
3320	10.0	64.2	12	44.9
3330	9.1	63.9	13	30.6
3340	6.9	63.6	13	22.8
3350	1.1	63.4	13	18.1
3360	-0.1	63.3	13	11.9
3370	-0.1	63.2	13	9.3
3380	-0.1	63.1	13	6.1
3390	-0.8	63.1	13	5.5
3400	-7.5	63.1	13	3.4
3410	-5.6	63.0	13	-1.0
3420	-0.5	63.1	13	-2.1
3430	-2.7	63.1	13	-2.6
3440	-6.0	63.1	13	-4.2
3450	-3.8	63.2	13	-7.1
3460	-4.5	63.3	13	-8.7
3470	-6.2	63.4	13	-11.4
3480	-5.0	63.6	13	-14.1
3490	-5.3	63.7	13	-16.5
3500	-5.8	63.9	13	-19.4
3510	-6.0	64.2	12	-21.8
3520	-6.0	64.4	12	-24.7
3530	-7.2	64.7	12	-27.9
3540	-7.7	65.1	11	-31.6
3550	-8.0	65.5	11	-34.8
3560	-8.8	65.9	11	-39.1
3570	-9.4	66.4	10	-44.1
3580	-8.9	66.9	10	-47.9
3590	-8.5	67.4	9	-52.1
3600	-8.8	68.1	8	-56.4
3610	-8.7	68.7	8	-60.6
3620	-8.3	69.4	7	-64.9
3630	-9.1	70.2	6	-76.6
3640	-9.6	71.0	5	-81.7
3650	-9.1	71.9	5	-87.0
3660	-9.5	72.8	4	-92.1
3670	-10.3	73.8	3	-97.4
3680	-9.5	74.8	2	-103.2
3690	-8.9	75.8	1	-108.0
3700	-9.2	77.0	-1	-113.1
3710	-9.4	78.1	-2	-118.2
3720	-8.5	79.3	-3	-122.7

3730	-8.1	80.6	-4	-127.5
3740	-8.3	81.9	-5	-131.7
3750	-8.3	83.3	-7	-136.3
3760	-8.3	84.7	-8	-140.2
3770	-7.7	86.1	-10	-144.5
3780	-7.9	87.6	-11	-148.8
3790	-7.6	89.1	-13	-152.5
3800	-6.6	90.6	-14	-156.2
3810	-6.8	92.2	-16	-159.7
3820	-6.1	93.8	-17	-162.9
3830	-7.3	95.5	-19	-165.8
3840	-6.5	97.2	-21	-169.0
3850	-5.2	98.9	-22	-172.5
3860	-5.8	100.6	-24	-173.8
3870	-6.4	102.4	-26	-174.1
3880	-5.8	104.1	-28	-174.3
3890	-5.0	105.9	-29	-174.1
3900	-4.5	107.6	-31	-174.1
3910	-2.6	109.3	-33	-173.8
3920	-2.2	111.1	-35	-173.8
3930	-2.3	112.8	-36	-173.8
3940	-3.7	114.5	-38	-186.6
3950	-28.5	115.9	-39	-134.1
3960	-31.6	117.0	-41	-112.0
3970	-14.8	117.8	-41	-76.6
3980	-8.5	118.4	-42	-50.5
3990	-9.9	118.9	-42	-42.8
4000	-9.9	119.2	-43	-29.0
4010	-6.4	119.5	-43	-26.6
4020	-2.8	119.7	-43	-18.1
4030	-0.1	119.8	-43	-11.9
4040	0.0	120.0	-44	-11.1
4050	0.0	120.0	-44	-7.4
4060	0.0	120.1	-44	-5.0
4070	0.4	120.1	-44	-4.7
4080	0.5	120.2	-44	-3.7
4090	4.2	120.2	-44	-2.3
4100	7.9	120.2	-44	0.7
4110	2.8	120.2	-44	3.9
4120	1.8	120.1	-44	5.3
4130	8.3	120.1	-44	6.6
4140	7.7	120.0	-44	11.4
4150	5.8	119.8	-43	15.9
4160	6.8	119.7	-43	19.9
4170	7.7	119.5	-43	23.6
4180	6.6	119.2	-43	25.5
4190	6.4	118.9	-42	26.6
4200	6.8	118.6	-42	29.5
4210	7.2	118.3	-42	33.0
4220	7.6	117.9	-41	36.7
4230	8.4	117.4	-41	40.4
4240	8.9	116.9	-40	44.7
4250	9.1	116.4	-40	48.7
4260	8.8	115.8	-39	53.2

4270	8.8	115.2	-39	57.5
4280	8.5	114.5	-38	62.0
4290	8.4	113.8	-37	66.0
4300	8.3	113.0	-37	78.0
4310	8.0	112.2	-36	82.5
4320	8.4	111.3	-35	87.0
4330	8.3	110.4	-34	91.3
4340	7.9	109.5	-33	95.8
4350	8.7	108.5	-32	100.3
4360	8.8	107.5	-31	104.8
4370	7.9	106.4	-30	109.4
4380	7.3	105.3	-29	113.6
4390	6.8	104.1	-28	117.6
4400	6.8	102.9	-26	121.1
4410	6.4	101.7	-25	124.3
4420	6.1	100.4	-24	127.7
4430	6.2	99.1	-23	130.9
4440	6.2	97.7	-21	133.9
4450	6.0	96.4	-20	137.1
4460	5.3	95.0	-19	140.2
4470	5.4	93.6	-17	142.4
4480	4.9	92.1	-16	144.8
4490	3.9	90.7	-14	147.2
4500	3.8	89.2	-13	148.8
4510	4.1	87.7	-11	150.6
4520	3.1	86.2	-10	152.2
4530	2.7	84.6	-8	153.3
4540	2.7	83.1	-7	154.4
4550	1.9	81.5	-5	155.4
4560	2.0	80.0	-4	155.7
4570	1.8	78.4	-2	156.2
4580	1.2	76.8	0	156.5
4590	1.1	75.3	1	156.8
4600	0.9	73.7	3	156.8
4610	0.8	72.1	4	156.5
4620	-3.0	70.6	6	155.7
4630	-6.2	69.1	7	166.6
4640	1.8	67.8	9	126.4
4650	29.3	66.7	10	91.5
4660	18.7	65.9	11	79.3
4670	0.3	65.2	11	54.5
4680	0.1	64.7	12	47.3
4690	0.0	64.3	12	40.7
4700	0.1	64.0	12	29.0
4710	0.0	63.8	13	22.6
4720	-0.4	63.6	13	19.4
4730	-10.7	63.4	13	13.5
4740	-12.1	63.4	13	6.9
4750	-4.1	63.3	13	-0.5
4760	-8.0	63.4	13	-1.0
4770	-11.4	63.4	13	-6.1
4780	-7.6	63.5	13	-11.4
4790	-6.1	63.6	13	-14.3
4800	-10.0	63.8	13	-21.2

4810	-9.4	64.1	12	-27.1
4820	-7.5	64.4	12	-32.4
4830	-9.4	64.7	12	-33.5
4840	-10.2	65.0	11	-34.6
4850	-8.7	65.5	11	-39.6
4860	-8.5	65.9	11	-44.1
4870	-9.5	66.5	10	-48.7
4880	-8.4	67.0	9	-53.2
4890	-8.4	67.7	9	-56.9
4900	-9.5	68.3	8	-61.2
4910	-9.2	69.1	7	-65.7
4920	-8.8	69.8	7	-70.2
4930	-10.0	70.7	6	-82.7
4940	-9.4	71.5	5	-88.3
4950	-8.3	72.5	4	-93.4
4960	-8.5	73.4	3	-97.7
4970	-8.4	74.4	2	-102.4
4980	-6.6	75.5	1	-106.7
4990	-7.2	76.6	0	-110.2
5000	-7.7	77.7	-1	-114.4
5010	-7.1	78.9	-2	-117.9
5020	-7.1	80.1	-4	-121.9
5030	-6.9	81.4	-5	-125.3
5040	-6.8	82.6	-6	-129.1
5050	-6.8	84.0	-8	-132.5
5060	-6.2	85.3	-9	-136.0
5070	-6.5	86.7	-10	-139.2
5080	-5.6	88.1	-12	-142.4
5090	-6.4	89.5	-13	-145.0
5100	-5.3	91.0	-15	-148.0
5110	-5.7	92.5	-16	-150.4
5120	-5.7	94.0	-18	-153.3
5130	-6.4	95.6	-19	-156.0
5140	-5.7	97.2	-21	-158.9
5150	-4.6	98.8	-22	-161.5
5160	-4.6	100.4	-24	-163.4
5170	-3.9	102.1	-26	-165.5
5180	-3.8	103.7	-27	-167.1
5190	-4.3	105.4	-29	-168.7
5200	-4.3	107.1	-31	-170.6
5210	-3.3	108.8	-32	-172.2
5220	-2.7	110.6	-34	-173.3
5230	-2.8	112.3	-36	-174.1
5240	-4.3	114.0	-38	-156.5
5250	-22.9	115.5	-39	-130.1
5260	-33.4	116.7	-40	-111.2
5270	-22.5	117.6	-41	-74.8
5280	-8.7	118.3	-42	-61.7
5290	-9.2	118.8	-42	-41.5
5300	-11.0	119.2	-43	-35.1
5310	-6.9	119.4	-43	-23.4
5320	-3.0	119.7	-43	-21.2
5330	-0.7	119.8	-43	-14.6
5340	0.0	119.9	-43	-9.8

5350	0.0	120.0	-44	-9.0
5360	0.3	120.1	-44	-6.6
5370	0.8	120.1	-44	-5.0
5380	8.8	120.2	-44	-3.1
5390	5.6	120.2	-44	1.5
5400	1.2	120.1	-44	3.4
5410	2.0	120.1	-44	3.9
5420	6.9	120.1	-44	5.0
5430	5.8	120.0	-44	7.7
5440	5.4	119.9	-43	10.6
5450	6.9	119.7	-43	16.5
5460	7.6	119.5	-43	20.4
5470	7.1	119.3	-43	22.6
5480	6.6	119.1	-43	23.6
5490	6.6	118.8	-42	27.1
5500	7.2	118.5	-42	30.3
5510	7.1	118.1	-42	34.0
5520	7.2	117.7	-41	37.5
5530	8.4	117.2	-41	40.9
5540	8.8	116.8	-40	45.2
5550	8.3	116.2	-40	48.9
5560	8.5	115.6	-39	53.2
5570	8.7	115.0	-39	57.5
5580	8.3	114.3	-38	61.7
5590	8.1	113.6	-37	65.4
5600	8.0	112.8	-36	77.2
5610	7.9	112.0	-36	81.9
5620	8.1	111.2	-35	86.2
5630	8.4	110.3	-34	90.7
5640	8.5	109.3	-33	95.3
5650	8.7	108.3	-32	100.0
5660	9.4	107.3	-31	104.8
5670	8.3	106.2	-30	109.9
5680	7.7	105.1	-29	114.2
5690	7.6	103.9	-27	118.4
5700	7.6	102.7	-26	122.1
5710	7.1	101.5	-25	126.1
5720	6.6	100.2	-24	129.9
5730	6.9	98.8	-22	133.1
5740	7.1	97.5	-21	136.5
5750	6.8	96.1	-20	140.0
5760	6.1	94.7	-18	143.4
5770	6.8	93.2	-17	146.6
5780	5.8	91.7	-15	149.8
5790	5.0	90.2	-14	152.5
5800	5.6	88.6	-12	154.9
5810	4.9	87.1	-11	157.3
5820	3.7	85.5	-9	159.7
5830	3.7	83.9	-7	161.3
5840	3.9	82.3	-6	162.6
5850	3.1	80.6	-4	163.9
5860	2.7	79.0	-3	165.5
5870	1.8	77.3	-1	166.3
5880	1.5	75.6	1	166.6

5890	1.2	74.0	2	166.9
5900	1.1	72.3	4	166.6
5910	0.9	70.6	6	166.3
5920	0.7	69.0	7	180.7
5930	1.8	67.6	9	134.4
5940	30.5	66.5	10	93.1
5950	21.7	65.7	11	80.9
5960	2.8	65.0	11	60.6
5970	0.4	64.5	12	45.7
5980	1.8	64.1	12	35.4
5990	3.8	63.8	13	29.8
6000	1.2	63.6	13	20.7
6010	-0.4	63.5	13	15.4
6020	-0.9	63.3	13	10.6
6030	-14.8	63.2	13	8.5
6040	-8.1	63.2	13	0.7
6050	-2.2	63.2	13	-1.5
6060	-6.9	63.2	13	-2.3
6070	-8.7	63.3	13	-5.5
6080	-4.6	63.4	13	-9.8
6090	-4.1	63.5	13	-12.5
6100	-8.0	63.7	13	-14.9
6110	-6.0	63.9	13	-18.3
6120	-5.8	64.1	12	-21.2
6130	-7.3	64.4	12	-29.2
6140	-7.1	64.7	12	-33.2
6150	-6.9	65.0	11	-37.5
6160	-7.6	65.3	11	-38.0
6170	-7.7	65.8	11	-38.0
6180	-7.6	66.2	10	-41.7
6190	-8.4	66.7	10	-45.5
6200	-8.4	67.2	9	-49.2
6210	-8.4	67.8	9	-53.5
6220	-8.5	68.5	8	-57.5
6230	-9.1	69.1	7	-61.7
6240	-8.5	69.9	7	-73.4
6250	-8.5	70.7	6	-78.0
6260	-8.7	71.5	5	-83.0
6270	-8.5	72.3	4	-87.8
6280	-8.9	73.3	3	-92.3
6290	-9.6	74.2	2	-97.4
6300	-8.9	75.2	1	-102.2
6310	-9.4	76.3	0	-107.0
6320	-9.4	77.4	-1	-112.3
6330	-9.2	78.6	-2	-117.1
6340	-8.7	79.8	-3	-122.1
6350	-7.9	81.0	-5	-126.7
6360	-7.6	82.3	-6	-130.9
6370	-7.9	83.7	-7	-134.9
6380	-7.5	85.0	-9	-138.9
6390	-7.3	86.5	-10	-142.4
6400	-7.2	87.9	-11	-146.4
6410	-7.7	89.4	-13	-149.8
6420	-5.7	90.9	-14	-153.6

6430	-6.4	92.5	-16	-156.2
6440	-5.6	94.1	-18	-159.4
6450	-6.2	95.7	-19	-161.8
6460	-5.3	97.3	-21	-164.5
6470	-3.8	99.0	-23	-166.9
6480	-3.8	100.7	-24	-168.5
6490	-3.3	102.4	-26	-169.8
6500	-3.0	104.1	-28	-171.1
6510	-3.3	105.8	-29	-172.2
6520	-3.8	107.5	-31	-173.5
6530	-3.4	109.3	-33	-173.8
6540	-4.2	111.0	-35	-174.1
6550	-4.6	112.7	-36	-174.1
6560	-6.1	114.5	-38	-187.9
6570	-29.7	115.8	-39	-136.0
6580	-34.2	117.0	-41	-113.4
6590	-18.6	117.8	-41	-77.4
6600	-11.7	118.4	-42	-62.8
6610	-13.3	118.9	-42	-43.1
6620	-12.3	119.3	-43	-35.9
6630	-8.7	119.5	-43	-24.4
6640	-6.6	119.7	-43	-16.5
6650	-4.3	119.8	-43	-14.6
6660	-2.2	120.0	-44	-10.1
6670	-1.6	120.0	-44	-6.6
6680	-2.3	120.1	-44	-6.1
6690	-1.4	120.1	-44	-4.2
6700	-0.5	120.2	-44	-2.6
6710	-0.5	120.2	-44	-2.6
6720	0.0	120.2	-44	-1.8
6730	0.4	120.2	-44	-1.3
6740	0.7	120.2	-44	-0.7
6750	0.8	120.3	-44	-0.5
6760	6.0	120.2	-44	0.2
6770	13.6	120.2	-44	4.7
6780	4.3	120.1	-44	10.3
6790	1.4	120.0	-44	11.4
6800	10.6	119.9	-43	12.7
6810	8.0	119.7	-43	17.0
6820	4.1	119.5	-43	20.7
6830	7.6	119.2	-43	25.5
6840	8.4	118.9	-42	26.6
6850	7.1	118.6	-42	30.6
6860	8.1	118.2	-42	42.0
6870	8.8	117.8	-41	46.8
6880	9.8	117.3	-41	52.4
6890	9.8	116.8	-40	58.0
6900	9.4	116.3	-40	57.7
6910	9.6	115.7	-39	56.7
6920	10.0	115.0	-39	61.4
6930	9.4	114.3	-38	66.2
6940	9.6	113.5	-37	78.8
6950	10.0	112.6	-36	83.8
6960	10.0	111.8	-35	89.4

6970	10.3	110.8	-34	95.0
6980	10.3	109.8	-33	100.8
6990	10.3	108.8	-32	106.4
7000	10.7	107.7	-31	112.0
7010	10.3	106.5	-30	117.9
7020	9.6	105.3	-29	123.5
7030	9.2	104.0	-28	128.8
7040	9.5	102.7	-26	134.1
7050	9.6	101.3	-25	138.9
7060	8.9	99.9	-23	143.7
7070	9.2	98.4	-22	148.8
7080	9.4	96.9	-20	153.6
7090	8.4	95.3	-19	158.4
7100	8.5	93.7	-17	162.3
7110	8.7	92.0	-16	166.9
7120	7.3	90.3	-14	170.9
7130	8.1	88.6	-12	174.9
7140	7.9	86.8	-10	178.3
7150	8.1	85.0	-9	179.4
7160	8.8	83.2	-7	179.1
7170	8.4	81.4	-5	179.4
7180	8.4	79.6	-3	179.4
7190	8.0	77.8	-1	179.4
7200	6.4	76.1	0	179.4
7210	6.5	74.3	2	179.4
7220	5.2	72.5	4	179.1
7230	4.3	70.7	6	179.4
7240	4.3	68.9	8	194.3
7250	27.0	67.4	9	143.2
7260	31.7	66.3	10	96.6
7270	16.1	65.4	11	79.8
7280	9.8	64.8	12	59.1
7290	9.9	64.3	12	40.1
7300	9.6	63.9	13	35.9
7310	7.1	63.7	13	21.5
7320	2.2	63.5	13	17.8
7330	-0.4	63.4	13	13.0
7340	-0.1	63.2	13	8.7
7350	-0.1	63.2	13	7.9
7360	-0.5	63.1	13	5.3
7370	-3.7	63.1	13	3.7
7380	-8.9	63.1	13	0.2
7390	-1.1	63.1	13	-3.1
7400	-0.9	63.1	13	-3.4
7410	-6.9	63.1	13	-4.7
7420	-4.9	63.2	13	-7.7
7430	-3.5	63.3	13	-10.3
7440	-6.8	63.4	13	-11.1
7450	-6.4	63.6	13	-14.3
7460	-5.6	63.8	13	-17.3
7470	-6.6	64.0	12	-20.2
7480	-7.2	64.2	12	-28.4
7490	-6.9	64.5	12	-32.7
7500	-8.0	64.8	12	-33.5

7510	-8.7	65.2	11	-34.0
7520	-8.4	65.6	11	-38.3
7530	-9.1	66.1	10	-42.5
7540	-9.9	66.6	10	-57.2
7550	-9.2	67.2	9	-63.0
7560	-8.9	67.8	9	-68.4
7570	-9.2	68.4	8	-73.7
7580	-8.9	69.2	7	-79.8
7590	-8.4	69.9	7	-84.6
7600	-9.2	70.7	6	-81.4
7610	-9.1	71.6	5	-86.7
7620	-8.8	72.5	4	-91.5
7630	-9.2	73.4	3	-96.1
7640	-9.4	74.4	2	-101.4
7650	-7.9	75.5	1	-105.9
7660	-8.0	76.6	0	-110.2
7670	-8.1	77.7	-1	-114.7
7680	-7.3	78.9	-2	-118.7
7690	-6.9	80.1	-4	-122.9
7700	-6.5	81.4	-5	-126.4
7710	-6.4	82.7	-6	-129.9
7720	-6.4	84.0	-8	-132.8
7730	-6.5	85.3	-9	-136.3
7740	-6.8	86.7	-10	-139.5
7750	-5.8	88.1	-12	-142.6
7760	-6.1	89.6	-13	-145.6
7770	-5.0	91.1	-15	-148.5
7780	-5.6	92.6	-16	-150.6
7790	-4.9	94.1	-18	-153.3
7800	-5.3	95.6	-19	-155.4
7810	-4.7	97.2	-21	-157.6
7820	-3.5	98.8	-22	-160.0
7830	-3.8	100.4	-24	-161.3
7840	-3.1	102.1	-26	-162.9
7850	-2.8	103.7	-27	-163.9
7860	-3.1	105.3	-29	-165.0
7870	-3.0	107.0	-31	-166.1
7880	-2.3	108.7	-32	-166.9
7890	-1.8	110.3	-34	-167.7
7900	-1.8	112.0	-36	-167.9
7910	-1.8	113.6	-37	-151.2
7920	-13.7	115.2	-39	-132.3
7930	-31.5	116.4	-40	-114.7
7940	-24.8	117.3	-41	-78.5
7950	-7.1	118.1	-42	-71.6
7960	-9.1	118.6	-42	-49.7
7970	-11.3	119.0	-43	-41.7
7980	-7.1	119.3	-43	-29.0
7990	-3.9	119.5	-43	-19.4
8000	-1.4	119.7	-43	-17.8
8010	0.1	119.9	-43	-12.5
8020	0.0	120.0	-44	-8.5
8030	0.0	120.0	-44	-7.9
8040	0.4	120.1	-44	-5.3

8050	1.8	120.1	-44	-3.9
8060	10.2	120.2	-44	-1.3
8070	3.4	120.1	-44	2.3
8080	0.4	120.1	-44	3.1
8090	6.5	120.1	-44	3.9
8100	6.9	120.0	-44	8.2
8110	5.7	119.9	-43	12.2
8120	6.4	119.8	-43	15.9
8130	7.1	119.6	-43	19.7
8140	7.5	119.4	-43	24.2
8150	6.8	119.1	-43	28.4
8160	6.9	118.8	-42	32.7
8170	7.9	118.5	-42	37.0
8180	7.7	118.1	-42	41.5
8190	7.7	117.7	-41	46.3
8200	9.1	117.3	-41	50.8
8210	9.8	116.8	-40	56.1
8220	9.2	116.2	-40	62.0
8230	9.6	115.6	-39	67.3
8240	9.9	115.0	-39	73.2
8250	9.6	114.3	-38	79.0
8260	9.6	113.5	-37	84.9
8270	9.6	112.7	-36	82.2
8280	9.6	111.8	-35	87.5
8290	10.0	110.9	-34	92.9
8300	9.9	109.9	-33	98.2
8310	10.0	108.9	-32	104.0
8320	10.8	107.8	-31	109.4
8330	10.8	106.7	-30	115.2
8340	9.9	105.5	-29	121.1
8350	9.4	104.2	-28	126.7
8360	9.4	102.9	-26	132.0
8370	8.9	101.6	-25	136.5
8380	8.3	100.2	-24	141.3
8390	7.9	98.7	-22	145.6
8400	7.9	97.2	-21	149.6
8410	7.2	95.7	-19	153.6
8420	6.8	94.2	-18	157.3
8430	7.2	92.6	-16	160.5
8440	6.2	90.9	-14	163.7
8450	5.7	89.3	-13	166.6
8460	6.1	87.6	-11	169.3
8470	4.3	85.9	-9	172.2
8480	3.5	84.1	-8	174.3
8490	4.1	82.4	-6	175.7
8500	3.3	80.6	-4	177.0
8510	2.4	78.8	-2	178.6
8520	2.0	77.0	-1	178.9
8530	1.9	75.2	1	179.1
8540	1.5	73.5	3	179.7
8550	1.2	71.7	5	179.4
8560	1.2	69.9	7	179.4
8570	1.9	68.2	8	146.9
8580	34.0	66.9	10	126.1

8590	28.1	65.9	11	84.9
8600	8.1	65.1	11	69.7
8610	6.2	64.6	12	51.6
8620	6.1	64.1	12	34.6
8630	6.2	63.8	13	28.7
8640	3.4	63.6	13	21.5
8650	-0.8	63.4	13	13.8
8660	-0.3	63.3	13	11.7
8670	-0.5	63.2	13	7.9
8680	-5.2	63.1	13	6.3
8690	-11.0	63.1	13	1.3
8700	-3.0	63.1	13	-2.3
8710	-1.9	63.2	13	-3.1
8720	-7.5	63.2	13	-4.7
8730	-6.9	63.3	13	-8.2
8740	-5.3	63.4	13	-11.4
8750	-6.6	63.6	13	-14.1
8760	-7.6	63.7	13	-17.3
8770	-7.3	64.0	12	-21.0
8780	-7.3	64.2	12	-24.2
8790	-7.1	64.5	12	-28.2
8800	-7.1	64.9	12	-31.6
8810	-7.9	65.2	11	-35.1
8820	-7.6	65.7	11	-39.1
8830	-7.5	66.1	10	-42.8
8840	-9.1	66.7	10	-56.7
8850	-9.5	67.2	9	-61.7
8860	-9.2	67.8	9	-67.3
8870	-9.1	68.5	8	-72.9
8880	-9.5	69.2	7	-78.5
8890	-9.1	69.9	7	-83.8
8900	-9.1	70.7	6	-81.1
8910	-8.4	71.6	5	-86.5
8920	-8.5	72.5	4	-91.0
8930	-9.4	73.4	3	-95.3
8940	-9.2	74.4	2	-100.3
8950	-8.9	75.4	1	-105.4
8960	-9.6	76.5	0	-110.2
8970	-9.6	77.7	-1	-115.5
8980	-8.9	78.9	-2	-120.3
8990	-8.7	80.1	-4	-125.6
9000	-7.9	81.4	-5	-129.9
9010	-7.3	82.7	-6	-134.4
9020	-7.7	84.1	-8	-137.9
9030	-7.1	85.5	-9	-142.1
9040	-8.3	87.0	-11	-145.3
9050	-7.1	88.4	-12	-149.8
9060	-7.3	90.0	-14	-153.3
9070	-6.1	91.5	-15	-157.0
9080	-6.2	93.1	-17	-159.7
9090	-5.8	94.7	-18	-162.9
9100	-4.9	96.4	-20	-165.8
9110	-5.0	98.1	-22	-167.7
9120	-3.1	99.8	-23	-170.1

9130	-3.5	101.5	-25	-171.1
9140	-3.0	103.2	-27	-171.9
9150	-2.6	104.9	-28	-173.0
9160	-2.4	106.7	-30	-173.8
9170	-2.0	108.4	-32	-173.8
9180	-1.4	110.1	-34	-174.1
9190	-1.4	111.9	-35	-173.8
9200	-1.2	113.5	-37	-156.2
9210	-2.0	115.2	-39	-138.1
9220	-31.1	116.4	-40	-118.2
9230	-30.0	117.4	-41	-99.3
9240	-9.9	118.1	-42	-67.3
9250	-0.9	118.6	-42	-43.9
9260	-6.6	119.1	-43	-37.8
9270	-5.0	119.4	-43	-26.0
9280	-0.1	119.6	-43	-18.9
9290	0.0	119.8	-43	-17.0
9300	0.3	119.9	-43	-11.9
9310	1.6	120.0	-44	-8.7
9320	15.5	120.0	-44	-4.2
9330	7.3	120.0	-44	1.8
9340	0.3	120.0	-44	4.5
9350	7.7	120.0	-44	5.0
9360	7.7	119.9	-43	9.8
9370	4.3	119.7	-43	14.6
9380	5.2	119.6	-43	17.5
9390	8.3	119.4	-43	20.7
9400	7.9	119.2	-43	25.5
9410	7.5	118.9	-42	30.3
9420	8.5	118.6	-42	35.1
9430	8.9	118.3	-42	40.1
9440	8.4	117.9	-41	45.5
9450	7.9	117.4	-41	50.8
9460	7.9	116.9	-40	55.3
9470	8.3	116.4	-40	60.1
9480	8.0	115.8	-39	64.9
9490	8.1	115.2	-39	70.0
9500	8.3	114.5	-38	74.8
9510	9.1	113.8	-37	79.8
9520	8.9	113.0	-37	77.4
9530	8.5	112.2	-36	82.2
9540	9.1	111.3	-35	87.0
9550	8.8	110.4	-34	92.1
9560	7.3	109.5	-33	96.6
9570	7.5	108.5	-32	100.6
9580	8.1	107.5	-31	104.6
9590	7.7	106.4	-30	108.8
9600	6.9	105.3	-29	113.1
9610	6.9	104.1	-28	116.6
9620	7.7	102.9	-26	120.5
9630	7.3	101.7	-25	124.5
9640	7.1	100.4	-24	128.5
9650	6.9	99.1	-23	132.0
9660	6.6	97.7	-21	135.7

9670	6.6	96.3	-20	138.9
9680	5.6	94.9	-18	142.1
9690	6.0	93.5	-17	144.8
9700	6.4	92.0	-16	147.7
9710	5.8	90.5	-14	150.6
9720	6.5	89.0	-13	153.6
9730	6.9	87.4	-11	157.0
9740	5.8	85.8	-9	160.2
9750	6.0	84.2	-8	163.1
9760	6.6	82.5	-6	165.8
9770	6.0	80.9	-4	168.7
9780	6.2	79.2	-3	171.7
9790	5.3	77.4	-1	174.3
9800	4.5	75.7	1	177.0
9810	5.7	73.9	3	178.9
9820	6.4	72.1	4	178.9
9830	6.2	70.3	6	179.1
9840	9.1	68.5	8	189.0
9850	32.3	67.2	9	134.9
9860	29.4	66.0	10	110.7
9870	13.6	65.3	11	74.5
9880	11.1	64.7	12	55.3
9890	10.3	64.2	12	44.9
9900	8.3	63.9	13	30.6
9910	5.8	63.7	13	22.3
9920	1.5	63.5	13	16.5
9930	-0.3	63.3	13	10.9
9940	-0.1	63.2	13	10.1
9950	-0.1	63.2	13	7.4
9960	-0.9	63.1	13	5.0
9970	-11.0	63.1	13	3.7
9980	-6.0	63.1	13	-2.1
9990	-0.1	63.1	13	-4.2
10000	-4.6	63.2	13	-4.5
10010	-7.3	63.2	13	-7.1
10020	-3.8	63.3	13	-11.4
10030	-4.3	63.4	13	-12.7
10040	-8.0	63.6	13	-17.0
10050	-6.0	63.8	13	-21.2
10060	-5.7	64.0	12	-25.2
10070	-6.6	64.2	12	-25.5
10080	-6.6	64.5	12	-26.3
10090	-6.6	64.8	12	-29.8
10100	-7.3	65.2	11	-32.7
10110	-7.2	65.6	11	-36.2
10120	-7.3	66.0	10	-39.9
10130	-8.4	66.5	10	-53.5
10140	-8.1	67.0	9	-58.0
10150	-7.9	67.6	9	-62.8
10160	-8.7	68.2	8	-67.6
10170	-8.5	68.8	8	-72.9
10180	-7.5	69.5	7	-77.7
10190	-8.0	70.3	6	-74.5
10200	-8.3	71.1	5	-79.3

10210	-7.3	71.9	5	-83.8
10220	-7.6	72.8	4	-87.8
10230	-8.0	73.7	3	-91.8
10240	-7.9	74.6	2	-96.6
10250	-6.8	75.6	1	-100.3
10260	-7.2	76.6	0	-103.8
10270	-7.1	77.7	-1	-108.0
10280	-6.0	78.8	-2	-111.2
10290	-6.4	80.0	-4	-114.4
10300	-5.7	81.1	-5	-117.6
10310	-5.4	82.3	-6	-120.5
10320	-5.6	83.6	-7	-123.2
10330	-5.4	84.8	-8	-125.6
10340	-4.5	86.1	-10	-128.3
10350	-5.0	87.4	-11	-130.1
10360	-4.3	88.7	-12	-132.5
10370	-3.7	90.0	-14	-134.7
10380	-3.5	91.4	-15	-136.0
10390	-3.7	92.8	-16	-137.3
10400	-3.1	94.2	-18	-138.9
10410	-3.5	95.6	-19	-140.2
10420	-3.3	97.0	-21	-141.6
10430	-2.7	98.4	-22	-142.9
10440	-2.3	99.8	-23	-143.7
10450	-2.4	101.3	-25	-144.8
10460	-2.2	102.7	-26	-145.0
10470	-1.8	104.2	-28	-145.8
10480	-2.0	105.6	-29	-146.1
10490	-1.9	107.1	-31	-146.9
10500	-1.4	108.6	-32	-147.2
10510	-1.2	110.1	-34	-147.4
10520	-1.2	111.5	-35	-147.4
10530	-1.2	113.0	-37	-147.4
10540	-1.4	114.4	-38	-130.9
10550	-4.5	115.6	-39	-103.0
10560	-27.1	116.6	-40	-93.1
10570	-17.0	117.4	-41	-65.7
10580	0.8	118.0	-42	-61.7
10590	-4.2	118.5	-42	-44.7
10600	-7.2	118.9	-42	-39.4
10610	-1.9	119.1	-43	-28.2
10620	0.0	119.4	-43	-19.7
10630	0.0	119.6	-43	-19.1
10640	0.1	119.7	-43	-13.8
10650	4.1	119.8	-43	-9.5
10660	11.9	119.9	-43	-6.1
10670	3.1	119.9	-43	0.7
10680	1.9	119.9	-43	0.5
10690	9.9	119.9	-43	2.6
10700	5.4	119.8	-43	7.4
10710	4.5	119.7	-43	10.9
10720	7.9	119.6	-43	13.8
10730	7.2	119.5	-43	18.1
10740	7.2	119.3	-43	22.6

10750	8.4	119.0	-43	26.8
10760	8.1	118.7	-42	31.9
10770	7.9	118.4	-42	37.0
10780	8.4	118.0	-42	42.0
10790	8.3	117.6	-41	47.1
10800	8.4	117.2	-41	51.9
10810	8.5	116.7	-40	56.9
10820	8.1	116.1	-40	62.0
10830	8.4	115.5	-39	66.8
10840	9.1	114.9	-38	71.8
10850	9.2	114.2	-38	77.2
10860	8.9	113.4	-37	82.5
10870	9.1	112.6	-36	80.1
10880	9.2	111.8	-35	84.9
10890	9.2	110.9	-34	89.9
10900	8.8	110.0	-34	94.7
10910	8.4	109.0	-33	99.8
10920	8.7	108.0	-32	104.3
10930	9.1	106.9	-30	109.1
10940	8.3	105.8	-29	114.2
10950	7.9	104.6	-28	118.4
10960	8.1	103.4	-27	122.7
10970	8.4	102.1	-26	126.9
10980	8.3	100.8	-24	131.5
10990	7.2	99.5	-23	135.5
11000	7.7	98.1	-22	139.5
11010	7.9	96.7	-20	143.2
11020	6.6	95.2	-19	147.2
11030	7.1	93.7	-17	150.6
11040	7.6	92.2	-16	154.1
11050	6.2	90.6	-14	157.8
11060	6.8	89.0	-13	160.7
11070	7.5	87.4	-11	163.9
11080	5.7	85.7	-9	167.7
11090	5.6	84.0	-8	170.3
11100	6.5	82.3	-6	173.0
11110	5.7	80.5	-4	175.9
11120	5.8	78.7	-2	178.6
11130	6.0	76.9	0	179.1
11140	5.8	75.2	1	179.1
11150	5.2	73.4	3	179.4
11160	4.6	71.6	5	179.4
11170	4.6	69.9	7	161.3
11180	14.5	68.2	8	145.0
11190	33.6	66.8	10	136.5
11200	24.7	65.8	11	93.1
11210	10.6	65.1	11	68.6
11220	9.6	64.5	12	51.1
11230	10.6	64.1	12	34.0
11240	8.9	63.8	13	28.2
11250	5.4	63.6	13	21.0
11260	-0.3	63.4	13	16.5
11270	-0.1	63.3	13	11.4
11280	-0.3	63.2	13	7.7

11290	-0.5	63.1	13	6.6
11300	-6.2	63.1	13	4.7
11310	-8.3	63.1	13	-0.5
11320	-0.5	63.1	13	-3.9
11330	-1.4	63.1	13	-3.9
11340	-6.9	63.2	13	-5.5
11350	-3.3	63.3	13	-9.0
11360	-2.8	63.4	13	-11.1
11370	-6.1	63.5	13	-13.3
11380	-5.2	63.6	13	-16.5
11390	-4.9	63.8	13	-19.4
11400	-5.8	64.0	12	-20.2
11410	-6.1	64.2	12	-20.7
11420	-5.7	64.5	12	-23.9
11430	-6.9	64.7	12	-26.6
11440	-7.1	65.1	11	-30.0
11450	-6.6	65.4	11	-33.5
11460	-7.5	65.8	11	-37.0
11470	-8.1	66.3	10	-40.4
11480	-7.7	66.8	10	-44.4
11490	-7.7	67.3	9	-48.1
11500	-8.5	67.8	9	-51.6
11510	-8.1	68.5	8	-56.1
11520	-7.7	69.1	7	-60.1
11530	-7.9	69.8	7	-70.8
11540	-8.1	70.6	6	-75.0
11550	-7.3	71.4	5	-79.6
11560	-6.9	72.2	4	-83.8
11570	-7.1	73.1	3	-87.3
11580	-6.5	74.0	2	-91.3
11590	-6.0	74.9	2	-95.0
11600	-6.0	75.9	1	-97.7
11610	-6.0	76.9	0	-100.8
11620	-5.6	77.9	-1	-104.0
11630	-5.4	79.0	-3	-106.7
11640	-5.4	80.1	-4	-109.9
11650	-5.0	81.2	-5	-112.3
11660	-4.7	82.3	-6	-114.7
11670	-5.2	83.5	-7	-117.1
11680	-4.6	84.7	-8	-119.5
11690	-3.9	85.9	-9	-121.9
11700	-5.3	87.1	-11	-123.5
11710	-3.9	88.4	-12	-126.4
11720	-3.8	89.6	-13	-128.0
11730	-3.8	90.9	-14	-129.9
11740	-4.1	92.3	-16	-131.5
11750	-3.0	93.6	-17	-133.3
11760	-3.3	94.9	-18	-134.4
11770	-3.0	96.3	-20	-136.0
11780	-2.6	97.6	-21	-136.8
11790	-1.6	99.0	-23	-137.9
11800	-1.8	100.4	-24	-137.9
11810	-1.6	101.8	-25	-138.7
11820	-1.4	103.2	-27	-138.4

11830	-1.5	104.6	-28	-138.9
11840	-1.5	105.9	-29	-138.9
11850	-1.5	107.3	-31	-139.5
11860	-1.4	108.7	-32	-139.5
11870	-1.2	110.1	-34	-139.7
11880	-1.2	111.5	-35	-139.7
11890	-1.1	112.9	-36	-139.7
11900	-1.4	114.3	-38	-149.8
11910	-8.7	115.4	-39	-112.0
11920	-25.5	116.4	-40	-100.8
11930	-17.1	117.2	-41	-73.7
11940	-1.6	117.8	-41	-51.6
11950	-9.2	118.3	-42	-46.5
11960	-10.0	118.7	-42	-41.5
11970	-5.2	119.0	-43	-30.0
11980	-3.0	119.3	-43	-21.5
11990	-1.6	119.5	-43	-21.0
12000	0.1	119.6	-43	-15.4
12010	0.0	119.8	-43	-13.3
12020	0.0	119.9	-43	-10.1
12030	0.8	119.9	-43	-7.1
12040	12.2	120.0	-44	-6.1
12050	5.4	120.0	-44	0.5
12060	1.8	120.0	-44	1.8
12070	5.3	120.0	-44	2.9
12080	8.8	119.9	-43	5.0
12090	6.0	119.8	-43	9.3
12100	7.1	119.7	-43	12.7
12110	9.1	119.5	-43	16.2
12120	8.3	119.3	-43	20.4
12130	8.3	119.1	-43	26.8
12140	8.8	118.8	-42	28.4
12150	8.9	118.4	-42	32.7
12160	8.7	118.0	-42	37.2
12170	9.1	117.6	-41	41.7
12180	9.9	117.1	-41	46.3
12190	9.8	116.5	-40	51.1
12200	10.3	115.9	-39	55.9
12210	10.6	115.3	-39	60.6
12220	10.6	114.5	-38	65.7
12230	10.8	113.8	-37	71.3
12240	10.8	112.9	-36	84.6
12250	9.9	112.0	-36	90.7
12260	9.9	111.0	-35	96.6
12270	10.2	110.0	-34	102.2
12280	9.2	109.0	-33	107.5
12290	9.5	107.9	-31	112.8
12300	10.0	106.7	-30	117.9
12310	9.4	105.5	-29	123.5
12320	8.8	104.2	-28	128.5
12330	9.1	102.9	-26	133.3
12340	9.1	101.5	-25	137.9
12350	8.5	100.1	-24	142.9
12360	8.3	98.6	-22	147.2

12370	7.9	97.1	-21	151.7
12380	7.1	95.6	-19	155.7
12390	6.8	94.0	-18	159.2
12400	6.9	92.4	-16	162.3
12410	6.0	90.7	-14	165.5
12420	6.2	89.0	-13	168.5
12430	6.4	87.3	-11	171.4
12440	4.7	85.6	-9	174.3
12450	4.2	83.8	-7	176.5
12460	4.9	82.1	-6	178.6
12470	5.6	80.3	-4	179.1
12480	5.2	78.5	-2	179.4
12490	3.4	76.7	0	179.4
12500	2.6	74.9	2	179.4
12510	1.8	73.1	3	179.4
12520	1.4	71.3	5	179.4
12530	1.2	69.6	7	161.3
12540	4.7	67.9	9	139.5
12550	31.9	66.6	10	130.4
12560	20.2	65.7	11	88.9
12570	3.9	65.0	11	65.4
12580	6.1	64.5	12	48.7
12590	6.1	64.1	12	32.7
12600	2.8	63.8	13	26.8
12610	0.0	63.6	13	19.9
12620	-0.4	63.4	13	13.3
12630	-0.9	63.3	13	12.2
12640	-16.0	63.2	13	7.4
12650	-8.9	63.2	13	-0.7
12660	-5.4	63.2	13	-4.2
12670	-9.2	63.3	13	-7.1
12680	-10.2	63.4	13	-12.2
12690	-6.4	63.5	13	-18.6
12700	-7.1	63.7	13	-22.6
12710	-9.5	64.0	12	-24.4
12720	-7.9	64.2	12	-26.0
12730	-8.0	64.6	12	-30.3
12740	-9.9	64.9	12	-41.7
12750	-9.1	65.4	11	-46.8
12760	-8.7	65.8	11	-53.2
12770	-10.0	66.3	10	-52.9
12780	-9.9	66.9	10	-52.4
12790	-8.7	67.5	9	-57.2
12800	-9.9	68.2	8	-61.4
12810	-10.4	68.9	8	-66.2
12820	-9.1	69.7	7	-71.3
12830	-10.2	70.6	6	-84.1
12840	-10.2	71.4	5	-89.4
12850	-8.5	72.4	4	-95.5
12860	-9.1	73.4	3	-99.8
12870	-9.5	74.4	2	-105.1
12880	-7.6	75.5	1	-109.6
12890	-7.7	76.6	0	-113.9
12900	-8.5	77.8	-1	-118.2

12910	-7.6	79.0	-3	-122.1
12920	-7.1	80.3	-4	-126.4
12930	-7.3	81.5	-5	-129.9
12940	-7.3	82.9	-6	-133.6
12950	-6.5	84.2	-8	-137.3
12960	-6.0	85.6	-9	-140.8
12970	-7.3	87.1	-11	-143.7
12980	-5.8	88.5	-12	-147.4
12990	-5.4	90.0	-14	-150.1
13000	-5.0	91.5	-15	-152.5
13010	-5.0	93.1	-17	-154.9
13020	-4.6	94.7	-18	-157.0
13030	-4.3	96.2	-20	-159.2
13040	-4.9	97.8	-21	-161.0
13050	-2.6	99.5	-23	-163.1
13060	-3.1	101.1	-25	-164.2
13070	-3.7	102.8	-26	-164.7
13080	-2.8	104.4	-28	-166.1
13090	-3.0	106.1	-30	-166.9
13100	-3.4	107.8	-31	-168.2
13110	-2.2	109.5	-33	-169.5
13120	-2.2	111.2	-35	-169.8
13130	-2.4	112.9	-36	-170.6
13140	-4.3	114.5	-38	-183.4
13150	-29.3	115.9	-39	-131.5
13160	-31.9	117.0	-41	-110.2
13170	-14.6	117.8	-41	-75.8
13180	-10.7	118.4	-42	-61.7
13190	-13.8	118.8	-42	-43.1
13200	-11.4	119.2	-43	-35.9
13210	-7.1	119.5	-43	-24.4
13220	-6.4	119.7	-43	-16.7
13230	-4.5	119.8	-43	-15.1
13240	-1.6	119.9	-43	-10.3
13250	-1.2	120.0	-44	-6.9
13260	-1.6	120.1	-44	-6.3
13270	-0.3	120.1	-44	-4.2
13280	0.0	120.1	-44	-2.9
13290	0.0	120.2	-44	-2.1
13300	0.4	120.2	-44	-2.1
13310	0.7	120.2	-44	-1.3
13320	1.4	120.2	-44	-1.3
13330	15.3	120.2	-44	1.0
13340	8.8	120.2	-44	6.9
13350	3.0	120.1	-44	12.2
13360	8.1	119.9	-43	14.6
13370	9.8	119.8	-43	18.9
13380	6.6	119.6	-43	24.7
13390	8.0	119.3	-43	29.0
13400	9.6	119.0	-43	33.8
13410	8.0	118.7	-42	35.6
13420	8.5	118.3	-42	36.2
13430	9.8	117.9	-41	40.7
13440	9.6	117.4	-41	45.2

13450	10.3	116.8	-40	50.0
13460	10.8	116.2	-40	55.1
13470	10.8	115.6	-39	60.4
13480	10.8	114.9	-38	65.7
13490	10.6	114.1	-38	71.0
13500	10.3	113.2	-37	84.6
13510	10.0	112.3	-36	90.2
13520	10.2	111.4	-35	96.1
13530	9.9	110.4	-34	101.6
13540	9.9	109.3	-33	107.0
13550	10.0	108.2	-32	112.0
13560	10.6	107.1	-31	117.9
13570	9.9	105.8	-29	123.7
13580	8.8	104.6	-28	128.8
13590	9.1	103.2	-27	133.9
13600	8.8	101.9	-25	138.4
13610	8.0	100.4	-24	143.2
13620	7.9	99.0	-23	147.2
13630	7.9	97.5	-21	150.9
13640	7.5	95.9	-19	154.9
13650	6.4	94.4	-18	158.6
13660	7.2	92.7	-16	161.5
13670	6.4	91.1	-15	165.0
13680	5.8	89.4	-13	167.9
13690	6.5	87.7	-11	170.9
13700	4.9	86.0	-10	173.8
13710	4.3	84.2	-8	176.2
13720	5.0	82.5	-6	178.1
13730	5.2	80.7	-4	179.1
13740	5.6	78.9	-2	179.1
13750	4.2	77.1	-1	179.4
13760	3.5	75.3	1	179.1
13770	3.0	73.5	3	179.4
13780	2.2	71.7	5	179.4
13790	2.2	69.9	7	179.4
13800	8.1	68.3	8	147.7
13810	30.8	66.8	10	139.7
13820	23.2	65.9	11	95.5
13830	8.1	65.1	11	70.8
13840	7.7	64.5	12	56.7
13850	8.4	64.1	12	39.4
13860	4.7	63.8	13	29.0
13870	2.6	63.6	13	19.4
13880	0.0	63.4	13	15.9
13890	-0.3	63.3	13	13.0
13900	-0.5	63.2	13	8.7
13910	-3.5	63.1	13	7.4
13920	-13.8	63.1	13	2.3
13930	-4.6	63.1	13	-2.9
13940	-1.9	63.1	13	-5.3
13950	-8.7	63.2	13	-7.4
13960	-8.0	63.3	13	-10.6
13970	-4.1	63.4	13	-13.5
13980	-7.7	63.6	13	-15.7

13990	-8.8	63.8	13	-23.6
14000	-6.1	64.1	12	-28.7
14010	-7.5	64.3	12	-29.5
14020	-9.4	64.7	12	-30.3
14030	-7.2	65.0	11	-34.6
14040	-7.6	65.4	11	-38.3
14050	-9.2	65.9	11	-51.6
14060	-8.7	66.4	10	-51.6
14070	-8.3	67.0	9	-50.5
14080	-9.6	67.6	9	-54.8
14090	-9.9	68.2	8	-59.1
14100	-9.1	68.9	8	-64.1
14110	-9.4	69.6	7	-68.6
14120	-10.2	70.5	6	-80.9
14130	-9.1	71.3	5	-86.5
14140	-8.1	72.2	4	-91.8
14150	-8.8	73.2	3	-95.8
14160	-9.2	74.2	2	-100.8
14170	-7.6	75.2	1	-105.6
14180	-8.5	76.3	0	-109.6
14190	-8.8	77.5	-1	-114.4
14200	-8.0	78.6	-2	-118.7
14210	-7.6	79.8	-3	-122.9
14220	-7.2	81.1	-5	-126.9
14230	-6.5	82.4	-6	-130.7
14240	-6.4	83.7	-7	-133.9
14250	-6.2	85.1	-9	-137.1
14260	-6.0	86.5	-10	-140.0
14270	-5.3	87.9	-11	-142.6
14280	-5.8	89.4	-13	-145.3
14290	-4.1	90.8	-14	-148.0
14300	-4.6	92.3	-16	-149.6
14310	-3.4	93.8	-17	-152.0
14320	-4.2	95.4	-19	-153.3
14330	-3.1	96.9	-20	-155.2
14340	-2.6	98.5	-22	-156.2
14350	-2.0	100.0	-24	-156.8
14360	-2.0	101.6	-25	-157.6
14370	-2.0	103.2	-27	-157.8
14380	-2.3	104.8	-28	-158.9
14390	-2.6	106.4	-30	-159.2
14400	-3.0	108.0	-32	-160.0
14410	-1.8	109.6	-33	-161.0
14420	-1.9	111.2	-35	-161.3
14430	-2.4	112.8	-36	-161.8
14440	-3.9	114.4	-38	-174.9
14450	-26.3	115.7	-39	-128.0
14460	-29.3	116.8	-40	-109.1
14470	-14.2	117.6	-41	-76.1
14480	-9.1	118.2	-42	-63.0
14490	-12.7	118.7	-42	-44.7
14500	-9.6	119.1	-43	-37.8
14510	-4.1	119.3	-43	-26.3
14520	-2.3	119.5	-43	-17.8

14530	0.0	119.7	-43	-16.7
14540	0.1	119.8	-43	-11.7
14550	0.5	119.9	-43	-8.2
14560	4.5	120.0	-44	-6.9
14570	13.4	120.0	-44	-1.5
14580	4.6	120.0	-44	3.9
14590	0.8	120.0	-44	6.3
14600	11.4	119.9	-43	7.1
14610	8.3	119.8	-43	11.1
14620	5.4	119.6	-43	15.1
14630	9.6	119.4	-43	18.3
14640	10.4	119.2	-43	22.6
14650	9.1	118.9	-42	27.6
14660	9.6	118.6	-42	35.9
14670	9.9	118.2	-42	37.0
14680	10.0	117.7	-41	42.0
14690	10.7	117.2	-41	47.1
14700	9.9	116.6	-40	52.1
14710	9.5	116.0	-40	56.9
14720	10.2	115.3	-39	61.7
14730	10.4	114.6	-38	66.8
14740	10.3	113.8	-37	71.8
14750	11.0	113.0	-37	84.9
14760	10.6	112.1	-36	91.0
14770	10.0	111.1	-35	97.1
14780	10.4	110.1	-34	102.7
14790	9.5	109.0	-33	108.3
14800	9.2	107.9	-31	113.4
14810	9.5	106.7	-30	118.7
14820	8.7	105.5	-29	123.7
14830	7.9	104.2	-28	128.3
14840	8.4	102.9	-26	132.5
14850	8.5	101.6	-25	136.8
14860	8.4	100.2	-24	141.3
14870	8.3	98.7	-22	145.6
14880	8.4	97.2	-21	149.8
14890	7.3	95.7	-19	154.1
14900	6.9	94.1	-18	157.8
14910	7.7	92.5	-16	161.5
14920	6.8	90.9	-14	165.0
14930	6.8	89.2	-13	168.2
14940	7.6	87.5	-11	171.7
14950	6.1	85.7	-9	175.1
14960	6.1	84.0	-8	178.3
14970	8.7	82.2	-6	179.1
14980	9.2	80.4	-4	179.4
14990	8.4	78.6	-2	179.4
15000	6.9	76.8	0	179.4
15010	6.5	75.0	1	179.4
15020	6.4	73.2	3	179.7
15030	5.6	71.4	5	179.4
15040	5.4	69.6	7	178.3
15050	16.7	68.0	8	159.4
15060	34.4	66.7	10	109.1

15070	23.9	65.7	11	91.0
15080	11.1	65.0	11	67.0
15090	11.3	64.5	12	44.9
15100	11.3	64.1	12	37.2
15110	8.1	63.8	13	27.4
15120	5.0	63.5	13	22.3
15130	1.6	63.4	13	14.9
15140	0.0	63.3	13	11.1
15150	0.0	63.2	13	9.0
15160	-0.1	63.1	13	6.3
15170	-0.5	63.1	13	4.2
15180	-0.8	63.0	13	3.7
15190	-7.3	63.0	13	2.1
15200	-5.2	63.0	13	-1.5
15210	-0.7	63.0	13	-3.9
15220	-4.9	63.1	13	-4.2
15230	-7.7	63.1	13	-6.3
15240	-4.3	63.2	13	-9.8
15250	-6.1	63.3	13	-11.9
15260	-8.3	63.5	13	-16.2
15270	-5.8	63.7	13	-22.8
15280	-6.9	63.9	13	-26.3
15290	-8.4	64.2	12	-30.3
15300	-7.6	64.5	12	-35.4
15310	-8.4	64.9	12	-40.1
15320	-10.4	65.3	11	-40.9
15330	-10.4	65.7	11	-42.0
15340	-10.0	66.2	10	-47.3
15350	-11.0	66.8	10	-52.1
15360	-11.4	67.4	9	-70.0
15370	-10.2	68.1	8	-76.6
15380	-10.0	68.9	8	-83.0
15390	-10.2	69.7	7	-88.9
15400	-10.7	70.5	6	-86.2
15410	-10.2	71.4	5	-92.3
15420	-10.0	72.4	4	-97.9
15430	-10.8	73.4	3	-103.2
15440	-11.0	74.5	2	-109.4
15450	-9.9	75.6	1	-115.0
15460	-10.0	76.8	0	-120.5
15470	-10.0	78.0	-2	-125.9
15480	-8.8	79.3	-3	-131.2
15490	-8.1	80.7	-4	-136.0
15500	-8.0	82.1	-6	-140.2
15510	-8.1	83.5	-7	-144.8
15520	-8.3	85.0	-9	-148.8
15530	-8.3	86.5	-10	-152.8
15540	-7.7	88.1	-12	-156.8
15550	-7.6	89.7	-13	-160.7
15560	-6.1	91.3	-15	-164.7
15570	-6.4	93.0	-17	-167.4
15580	-5.8	94.7	-18	-170.3
15590	-5.4	96.4	-20	-173.0
15600	-6.4	98.1	-22	-174.3

15610	-5.4	99.9	-23	-174.3
15620	-5.0	101.6	-25	-174.3
15630	-4.7	103.4	-27	-173.8
15640	-5.3	105.1	-29	-174.1
15650	-4.9	106.9	-30	-174.3
15660	-4.2	108.6	-32	-174.3
15670	-3.1	110.3	-34	-174.1
15680	-3.0	112.1	-36	-174.1
15690	-4.7	113.8	-37	-173.8
15700	-19.8	115.3	-39	-150.6
15710	-33.9	116.6	-40	-103.5
15720	-26.6	117.5	-41	-87.5
15730	-10.7	118.2	-42	-58.0
15740	-14.4	118.7	-42	-48.7
15750	-15.5	119.2	-43	-40.7
15760	-9.6	119.4	-43	-27.6
15770	-6.5	119.7	-43	-18.3
15780	-6.9	119.8	-43	-17.0
15790	-3.8	120.0	-44	-11.7
15800	-1.1	120.1	-44	-7.7
15810	-1.9	120.1	-44	-6.9
15820	-1.2	120.2	-44	-4.7
15830	0.0	120.2	-44	-3.1
15840	0.0	120.2	-44	-2.6
15850	0.0	120.3	-44	-2.3
15860	0.4	120.3	-44	-1.5
15870	0.7	120.3	-44	-1.0
15880	1.5	120.3	-44	-0.7
15890	15.2	120.3	-44	1.5
15900	8.0	120.2	-44	7.4
15910	2.0	120.1	-44	11.1
15920	7.3	120.0	-44	11.7
15930	9.5	119.9	-43	14.9
15940	6.0	119.7	-43	19.1
15950	6.4	119.4	-43	27.6
15960	8.4	119.1	-43	31.1
15970	7.7	118.8	-42	36.2
15980	7.5	118.5	-42	40.7
15990	8.4	118.1	-42	45.2
16000	8.8	117.6	-41	50.3
16010	9.9	117.1	-41	55.9
16020	9.8	116.6	-40	55.6
16030	9.6	116.0	-40	55.1
16040	9.8	115.3	-39	59.9
16050	9.9	114.6	-38	64.6
16060	8.8	113.9	-37	69.2
16070	9.1	113.0	-37	81.4
16080	8.8	112.2	-36	86.5
16090	8.4	111.3	-35	91.3
16100	8.7	110.3	-34	95.5
16110	8.7	109.3	-33	100.3
16120	8.7	108.3	-32	105.1
16130	9.4	107.2	-31	109.9
16140	8.7	106.1	-30	115.0

16150	7.9	104.9	-28	119.5
16160	7.3	103.7	-27	123.7
16170	7.6	102.4	-26	127.7
16180	7.6	101.1	-25	131.7
16190	6.6	99.7	-23	135.5
16200	7.1	98.4	-22	139.2
16210	7.6	96.9	-20	142.4
16220	6.1	95.5	-19	146.6
16230	6.6	94.0	-18	149.6
16240	7.3	92.5	-16	152.8
16250	6.1	90.9	-14	156.2
16260	5.8	89.3	-13	159.4
16270	6.4	87.7	-11	162.3
16280	5.2	86.1	-10	165.0
16290	4.9	84.4	-8	167.4
16300	5.0	82.7	-6	169.3
16310	4.2	81.0	-5	171.7
16320	4.5	79.3	-3	173.5
16330	3.5	77.5	-1	175.4
16340	2.3	75.8	1	176.5
16350	2.3	74.0	2	177.0
16360	1.9	72.2	4	178.3
16370	1.9	70.4	6	178.9
16380	3.7	68.7	8	190.8
16390	28.6	67.3	9	138.4
16400	28.3	66.1	10	102.7
16410	13.2	65.3	11	77.2
16420	8.7	64.7	12	57.2
16430	9.2	64.2	12	47.1
16440	7.1	63.9	13	31.9
16450	3.7	63.6	13	23.6
16460	-0.5	63.5	13	17.3
16470	-0.3	63.3	13	11.7
16480	-0.8	63.2	13	9.8
16490	-13.7	63.1	13	5.5
16500	-9.8	63.1	13	-1.0
16510	-4.1	63.2	13	-4.7
16520	-6.2	63.2	13	-7.1
16530	-9.8	63.3	13	-10.6
16540	-6.1	63.4	13	-14.6
16550	-4.9	63.6	13	-16.5
16560	-8.9	63.8	13	-19.4
16570	-8.3	64.1	12	-23.1
16580	-7.9	64.3	12	-27.4
16590	-9.2	64.7	12	-38.0
16600	-9.9	65.1	11	-43.3
16610	-8.9	65.5	11	-48.9
16620	-9.5	66.0	10	-49.7
16630	-10.3	66.5	10	-49.5
16640	-9.4	67.1	9	-54.3
16650	-9.6	67.7	9	-58.5
16660	-10.4	68.4	8	-63.6
16670	-10.0	69.2	7	-68.6
16680	-10.2	70.0	6	-81.7

16690	-11.3	70.9	6	-87.0
16700	-10.2	71.8	5	-93.4
16710	-9.5	72.8	4	-98.7
16720	-10.0	73.8	3	-103.8
16730	-9.4	74.9	2	-109.9
16740	-8.4	76.0	0	-114.4
16750	-9.1	77.2	-1	-119.2
16760	-9.4	78.4	-2	-124.3
16770	-8.7	79.7	-3	-129.1
16780	-8.1	81.0	-5	-133.6
16790	-8.3	82.4	-6	-137.9
16800	-8.1	83.8	-7	-142.1
16810	-7.6	85.3	-9	-146.4
16820	-7.6	86.8	-10	-150.1
16830	-6.9	88.3	-12	-153.8
16840	-6.6	89.9	-13	-157.3
16850	-5.0	91.5	-15	-160.7
16860	-5.7	93.1	-17	-163.1
16870	-6.0	94.7	-18	-165.5
16880	-5.2	96.4	-20	-168.5
16890	-6.0	98.1	-22	-170.9
16900	-4.6	99.8	-23	-173.0
16910	-5.6	101.6	-25	-174.3
16920	-6.0	103.3	-27	-174.3
16930	-5.7	105.1	-29	-174.1
16940	-4.6	106.8	-30	-174.1
16950	-4.5	108.6	-32	-174.1
16960	-3.1	110.3	-34	-174.1
16970	-2.4	112.0	-36	-174.1
16980	-3.5	113.7	-37	-156.5
16990	-19.0	115.3	-39	-134.9
17000	-33.0	116.5	-40	-116.0
17010	-25.2	117.5	-41	-78.2
17020	-8.5	118.2	-42	-64.6
17030	-10.7	118.7	-42	-43.6
17040	-12.5	119.1	-43	-37.0
17050	-6.9	119.4	-43	-30.3
17060	-3.7	119.6	-43	-20.7
17070	-2.7	119.8	-43	-13.8
17080	-0.3	119.9	-43	-12.7
17090	0.0	120.0	-44	-8.5
17100	0.0	120.1	-44	-5.8
17110	0.3	120.1	-44	-4.5
17120	0.4	120.2	-44	-4.2
17130	0.9	120.2	-44	-2.6
17140	8.0	120.2	-44	-1.3
17150	4.2	120.2	-44	1.3
17160	0.8	120.2	-44	2.9
17170	4.6	120.1	-44	3.4
17180	7.2	120.1	-44	7.1
17190	5.8	120.0	-44	11.4
17200	6.0	119.9	-43	13.3
17210	7.6	119.7	-43	15.1
17220	7.2	119.5	-43	18.9

17230	6.6	119.3	-43	22.3
17240	7.3	119.0	-43	25.5
17250	7.7	118.7	-42	29.2
17260	8.0	118.3	-42	33.0
17270	8.4	117.9	-41	37.2
17280	9.6	117.5	-41	41.2
17290	10.4	117.0	-41	46.0
17300	10.2	116.4	-40	51.1
17310	10.2	115.8	-39	56.1
17320	10.6	115.2	-39	61.2
17330	10.4	114.4	-38	66.2
17340	10.4	113.7	-37	71.6
17350	10.4	112.8	-36	85.1
17360	10.2	111.9	-35	91.0
17370	10.7	110.9	-34	96.9
17380	10.8	109.9	-33	102.4
17390	10.6	108.9	-32	108.6
17400	10.8	107.7	-31	114.2
17410	11.0	106.5	-30	120.3
17420	9.8	105.3	-29	126.4
17430	9.1	104.0	-28	131.7
17440	9.5	102.6	-26	136.8
17450	8.9	101.2	-25	141.6
17460	8.0	99.8	-23	146.4
17470	8.7	98.3	-22	150.4
17480	8.4	96.7	-20	154.6
17490	7.2	95.2	-19	159.2
17500	7.9	93.5	-17	162.6
17510	7.9	91.9	-15	166.6
17520	6.4	90.2	-14	170.3
17530	7.1	88.5	-12	173.5
17540	6.4	86.7	-10	176.7
17550	5.7	84.9	-8	178.9
17560	6.6	83.1	-7	179.1
17570	6.2	81.3	-5	179.4
17580	6.0	79.5	-3	179.4
17590	5.6	77.7	-1	179.4
17600	4.2	76.0	0	179.4
17610	4.6	74.2	2	179.7
17620	3.8	72.4	4	179.4
17630	3.0	70.6	6	179.7
17640	3.8	68.8	8	193.5
17650	27.3	67.4	9	141.0
17660	29.6	66.2	10	116.0
17670	14.1	65.4	11	78.5
17680	9.9	64.7	12	58.0
17690	10.7	64.3	12	47.3
17700	7.7	63.9	13	32.2
17710	4.7	63.7	13	23.4
17720	1.6	63.5	13	17.3
17730	-0.1	63.3	13	14.1
17740	-0.3	63.2	13	9.5
17750	-0.4	63.2	13	6.1
17760	-2.6	63.1	13	5.3

17770	-12.5	63.1	13	1.0
17780	-2.7	63.1	13	-2.9
17790	-1.2	63.2	13	-3.7
17800	-8.7	63.2	13	-5.0
17810	-7.3	63.3	13	-8.5
17820	-4.6	63.4	13	-14.9
17830	-8.8	63.6	13	-17.8
17840	-9.6	63.8	13	-22.6
17850	-7.3	64.0	12	-28.7
17860	-9.4	64.3	12	-30.3
17870	-10.3	64.6	12	-31.6
17880	-9.2	65.1	11	-44.7
17890	-10.2	65.5	11	-45.7
17900	-11.3	66.0	10	-46.3
17910	-11.0	66.6	10	-63.0
17920	-11.7	67.2	9	-69.7
17930	-13.0	67.9	9	-76.4
17940	-12.7	68.6	8	-84.1
17950	-12.2	69.4	7	-92.1
17960	-13.0	70.3	6	-99.0
17970	-13.2	71.3	5	-97.4
17980	-11.7	72.3	4	-104.8
17990	-11.9	73.4	3	-111.0
18000	-13.4	74.6	2	-117.9
18010	-12.6	75.8	1	-124.8
18020	-12.7	77.1	-1	-131.7
18030	-13.7	78.5	-2	-138.9
18040	-13.2	79.9	-3	-146.4
18050	-11.4	81.4	-5	-153.3
18060	-11.1	83.0	-7	-159.4
18070	-11.0	84.7	-8	-165.3
18080	-9.9	86.4	-10	-171.1
18090	-10.4	88.1	-12	-174.6
18100	-13.6	89.8	-13	-174.9
18110	-11.7	91.6	-15	-175.1
18120	-9.6	93.3	-17	-174.9
18130	-10.8	95.1	-19	-174.3
18140	-10.3	96.8	-20	-174.9
18150	-8.7	98.6	-22	-174.6
18160	-6.5	100.3	-24	-174.3
18170	-5.6	102.1	-26	-174.3
18180	-5.7	103.8	-27	-174.3
18190	-6.0	105.6	-29	-174.1
18200	-5.8	107.3	-31	-174.3
18210	-4.5	109.0	-33	-174.3
18220	-4.5	110.8	-34	-174.1
18230	-4.2	112.5	-36	-174.3
18240	-5.7	114.2	-38	-155.7
18250	-28.2	115.8	-39	-154.1
18260	-33.9	116.8	-40	-107.8
18270	-20.3	117.7	-41	-80.9
18280	-9.6	118.4	-42	-53.5
18290	-13.2	118.9	-42	-45.2
18300	-12.3	119.2	-43	-37.5

18310	-6.9	119.5	-43	-25.5
18320	-5.3	119.7	-43	-17.0
18330	-3.8	119.9	-43	-15.7
18340	-0.7	120.0	-44	-10.6
18350	0.0	120.1	-44	-7.1
18360	0.0	120.1	-44	-6.3
18370	0.1	120.2	-44	-4.7
18380	0.5	120.2	-44	-3.9
18390	0.9	120.2	-44	-2.6
18400	10.6	120.3	-44	-1.0
18410	5.8	120.2	-44	2.9
18420	1.9	120.2	-44	5.0
18430	5.7	120.1	-44	6.1
18440	9.4	120.0	-44	11.1
18450	6.5	119.9	-43	16.5
18460	6.6	119.7	-43	20.4
18470	9.1	119.5	-43	24.7
18480	8.3	119.2	-43	29.8
18490	7.5	118.9	-42	34.8
18500	8.4	118.6	-42	39.1
18510	8.4	118.2	-42	44.7
18520	8.5	117.7	-41	50.0
18530	10.0	117.2	-41	55.1
18540	10.3	116.7	-40	60.9
18550	10.0	116.1	-40	67.0
18560	10.7	115.5	-39	73.2
18570	10.8	114.7	-38	79.6
18580	10.6	114.0	-38	85.7
18590	10.8	113.2	-37	92.1
18600	10.7	112.3	-36	89.7
18610	10.2	111.3	-35	95.8
18620	10.3	110.3	-34	101.1
18630	10.2	109.3	-33	107.0
18640	10.0	108.2	-32	112.6
18650	10.8	107.0	-31	118.2
18660	10.2	105.8	-29	124.0
18670	9.2	104.5	-28	129.3
18680	9.5	103.2	-27	134.4
18690	9.6	101.8	-25	139.2
18700	8.5	100.3	-24	144.2
18710	8.4	98.9	-22	149.0
18720	8.4	97.3	-21	153.3
18730	7.5	95.8	-19	157.3
18740	6.8	94.2	-18	161.0
18750	7.9	92.5	-16	164.5
18760	6.6	90.9	-14	168.2
18770	6.8	89.2	-13	171.7
18780	7.7	87.4	-11	175.1
18790	6.0	85.6	-9	178.3
18800	6.8	83.8	-7	179.1
18810	8.5	82.0	-6	179.4
18820	7.9	80.3	-4	179.4
18830	7.3	78.5	-2	179.1
18840	6.1	76.7	0	179.4

18850	6.1	74.9	2	179.4
18860	5.6	73.1	3	179.7
18870	5.0	71.3	5	179.1
18880	4.7	69.5	7	176.7
18890	20.5	67.9	9	170.9
18900	34.4	66.6	10	119.5
18910	22.8	65.7	11	88.3
18920	10.7	64.9	12	71.3
18930	11.4	64.5	12	43.3
18940	11.0	64.1	12	36.2
18950	7.7	63.8	13	26.6
18960	4.9	63.6	13	19.7
18970	0.8	63.4	13	12.7
18980	-0.1	63.3	13	10.6
18990	-0.1	63.2	13	7.1
19000	-0.1	63.1	13	6.3
19010	-0.8	63.1	13	4.5
19020	-8.0	63.1	13	2.6
19030	-5.2	63.1	13	-1.5
19040	0.0	63.1	13	-2.9
19050	-2.8	63.1	13	-2.6
19060	-6.5	63.2	13	-5.0
19070	-3.1	63.2	13	-7.4
19080	-4.6	63.3	13	-9.0
19090	-7.7	63.5	13	-11.4
19100	-5.3	63.6	13	-14.9
19110	-6.0	63.8	13	-17.5
19120	-7.6	64.0	12	-25.2
19130	-6.4	64.3	12	-29.2
19140	-6.5	64.6	12	-33.2
19150	-8.5	64.9	12	-33.8
19160	-8.5	65.3	11	-34.6
19170	-7.9	65.7	11	-38.8
19180	-9.8	66.2	10	-43.1
19190	-10.0	66.7	10	-48.4
19200	-8.8	67.2	9	-52.1
19210	-9.6	67.8	9	-56.7
19220	-9.8	68.5	8	-61.2
19230	-8.7	69.2	7	-66.0
19240	-8.9	70.0	6	-78.0
19250	-10.0	70.9	6	-83.0
19260	-9.2	71.7	5	-88.6
19270	-8.7	72.7	4	-93.4
19280	-9.5	73.6	3	-97.9
19290	-9.8	74.6	2	-103.5
19300	-8.4	75.7	1	-108.6
19310	-8.8	76.8	0	-113.1
19320	-9.1	78.0	-2	-117.9
19330	-7.9	79.2	-3	-122.7
19340	-7.7	80.5	-4	-127.2
19350	-8.1	81.8	-5	-131.2
19360	-7.9	83.1	-7	-135.5
19370	-7.9	84.5	-8	-139.5
19380	-7.5	85.9	-9	-143.4

19390	-8.8	87.4	-11	-147.4
19400	-8.0	88.9	-12	-152.0
19410	-6.9	90.5	-14	-156.0
19420	-6.9	92.0	-16	-159.2
19430	-6.5	93.7	-17	-162.6
19440	-7.5	95.3	-19	-165.8
19450	-6.2	97.0	-21	-169.3
19460	-5.6	98.7	-22	-172.5
19470	-6.0	100.5	-24	-174.3
19480	-6.5	102.2	-26	-174.3
19490	-6.2	103.9	-27	-174.3
19500	-5.6	105.7	-29	-174.1
19510	-5.4	107.4	-31	-174.3
19520	-4.6	109.2	-33	-174.3
19530	-4.1	110.9	-34	-174.1
19540	-3.3	112.7	-36	-174.1
19550	-4.5	114.4	-38	-171.4
19560	-27.9	115.8	-39	-138.1
19570	-32.8	117.0	-41	-115.2
19580	-17.8	117.8	-41	-78.8
19590	-9.8	118.4	-42	-57.5
19600	-13.4	118.9	-42	-44.1
19610	-11.0	119.2	-43	-36.4
19620	-5.6	119.5	-43	-24.7
19630	-4.2	119.7	-43	-16.5
19640	-3.1	119.8	-43	-15.1
19650	0.1	120.0	-44	-10.3
19660	0.0	120.0	-44	-6.9
19670	0.0	120.1	-44	-6.1
19680	0.3	120.1	-44	-4.2
19690	0.5	120.2	-44	-2.9
19700	3.8	120.2	-44	-2.1
19710	7.2	120.2	-44	0.7
19720	2.3	120.2	-44	3.7
19730	1.9	120.1	-44	4.7
19740	8.8	120.1	-44	6.9
19750	7.9	120.0	-44	11.1
19760	6.2	119.8	-43	15.9
19770	8.0	119.7	-43	19.9
19780	9.1	119.5	-43	24.4
19790	7.6	119.2	-43	27.1
19800	7.6	118.9	-42	28.2
19810	8.3	118.6	-42	32.2
19820	8.0	118.2	-42	36.2
19830	8.1	117.7	-41	40.1
19840	8.9	117.3	-41	44.1
19850	9.2	116.7	-40	48.4
19860	9.1	116.2	-40	52.7
19870	9.8	115.5	-39	57.2
19880	9.6	114.9	-38	62.0
19890	9.6	114.1	-38	66.5
19900	9.9	113.3	-37	79.3
19910	9.2	112.5	-36	84.6
19920	8.9	111.6	-35	89.9

19930	9.4	110.7	-34	95.0
19940	9.1	109.7	-33	100.0
19950	8.9	108.6	-32	105.1
19960	10.0	107.6	-31	109.9
19970	9.6	106.4	-30	115.2
19980	8.7	105.2	-29	120.3
19990	8.5	104.0	-28	125.1
20000	8.8	102.7	-26	129.6
20010	8.8	101.4	-25	134.4
20020	7.7	100.0	-24	138.9
20030	7.9	98.6	-22	143.2
20040	8.1	97.1	-21	146.9
20050	7.2	95.6	-19	151.2
20060	7.2	94.1	-18	154.9
20070	8.5	92.5	-16	158.6
20080	6.9	90.9	-14	162.6
20090	6.9	89.2	-13	166.3
20100	8.3	87.5	-11	169.8
20110	6.4	85.8	-9	173.5
20120	6.0	84.0	-8	176.7
20130	7.3	82.3	-6	179.1
20140	8.3	80.5	-4	179.7
20150	8.0	78.7	-2	179.4
20160	6.4	76.9	0	179.4
20170	6.1	75.1	1	179.7
20180	6.1	73.3	3	179.4
20190	5.4	71.5	5	179.4
20200	5.6	69.8	7	161.5
20210	16.1	68.1	8	144.0
20220	34.3	66.7	10	135.5
20230	24.7	65.8	11	92.1
20240	11.1	65.0	11	67.8
20250	11.7	64.5	12	50.5
20260	11.5	64.1	12	33.8
20270	7.6	63.8	13	27.6
20280	5.3	63.6	13	20.4
20290	1.8	63.4	13	15.1
20300	-0.1	63.3	13	9.8
20310	-0.1	63.2	13	9.0
20320	-0.1	63.1	13	6.3
20330	-0.8	63.1	13	5.0
20340	-3.5	63.0	13	3.4
20350	-8.5	63.0	13	0.0
20360	-0.3	63.0	13	-3.4
20370	-1.2	63.1	13	-3.1
20380	-7.3	63.1	13	-4.2
20390	-4.2	63.2	13	-6.9
20400	-3.7	63.3	13	-8.7
20410	-7.7	63.4	13	-10.9
20420	-5.6	63.5	13	-14.3
20430	-4.2	63.7	13	-17.0
20440	-7.1	63.9	13	-19.7
20450	-6.4	64.2	12	-22.3
20460	-4.9	64.4	12	-25.8

20470	-7.7	64.8	12	-34.3
20480	-8.0	65.1	11	-38.8
20490	-6.6	65.5	11	-43.3
20500	-8.4	65.9	11	-47.9
20510	-9.5	66.4	10	-47.9
20520	-8.4	66.9	10	-47.6
20530	-8.7	67.4	9	-51.6
20540	-9.5	68.0	8	-55.9
20550	-8.7	68.7	8	-60.4
20560	-8.3	69.4	7	-64.6
20570	-9.6	70.2	6	-76.4
20580	-9.6	71.0	5	-81.7
20590	-8.5	71.9	5	-87.3
20600	-9.6	72.8	4	-91.8
20610	-10.0	73.7	3	-97.1
20620	-8.9	74.7	2	-103.0
20630	-8.9	75.8	1	-107.5
20640	-9.6	76.9	0	-112.6
20650	-9.2	78.1	-2	-117.4
20660	-8.5	79.3	-3	-122.4
20670	-8.7	80.6	-4	-127.2
20680	-8.5	81.9	-5	-131.7
20690	-8.3	83.2	-7	-136.3
20700	-8.7	84.6	-8	-140.2
20710	-8.1	86.0	-10	-144.8
20720	-8.1	87.5	-11	-149.0
20730	-8.3	89.1	-13	-153.3
20740	-7.2	90.6	-14	-157.3
20750	-7.3	92.2	-16	-161.0
20760	-6.6	93.9	-17	-164.7
20770	-8.1	95.5	-19	-167.7
20780	-7.1	97.2	-21	-171.4
20790	-5.8	99.0	-23	-174.3
20800	-8.0	100.7	-24	-174.3
20810	-7.9	102.5	-26	-174.3
20820	-6.2	104.2	-28	-174.3
20830	-6.4	105.9	-29	-174.1
20840	-6.5	107.7	-31	-174.3
20850	-3.9	109.4	-33	-174.1
20860	-3.8	111.2	-35	-173.8
20870	-3.7	112.9	-36	-174.1
20880	-5.7	114.6	-38	-185.5
20890	-29.7	116.0	-40	-132.8
20900	-31.2	117.1	-41	-110.4
20910	-14.0	117.9	-41	-75.6
20920	-9.2	118.5	-42	-60.9
20930	-11.4	118.9	-42	-42.3
20940	-8.3	119.3	-43	-34.8
20950	-3.3	119.5	-43	-23.6
20960	-1.2	119.7	-43	-15.7
20970	0.5	119.9	-43	-14.6
20980	0.0	120.0	-44	-10.1
20990	0.4	120.0	-44	-6.6
21000	1.6	120.1	-44	-6.1

21010	14.4	120.1	-44	-2.3
21020	5.6	120.1	-44	2.3
21030	-0.1	120.1	-44	5.5
21040	8.1	120.0	-44	6.6
21050	8.1	119.9	-43	10.1
21060	4.6	119.8	-43	15.1
21070	7.2	119.6	-43	18.6
21080	10.3	119.4	-43	22.8
21090	7.9	119.2	-43	26.0
21100	7.9	118.9	-42	27.4
21110	9.6	118.6	-42	31.4
21120	9.1	118.2	-42	35.9
21130	8.4	117.7	-41	49.5
21140	9.1	117.2	-41	54.8
21150	9.1	116.7	-40	59.9
21160	9.4	116.1	-40	65.2
21170	10.4	115.5	-39	71.0
21180	9.8	114.8	-38	76.9
21190	9.5	114.1	-38	82.7
21200	10.4	113.3	-37	88.6
21210	9.8	112.4	-36	86.2
21220	9.5	111.5	-35	91.8
21230	10.4	110.5	-34	97.1
21240	9.2	109.5	-33	102.7
21250	9.1	108.5	-32	108.0
21260	10.3	107.4	-31	112.8
21270	9.4	106.2	-30	118.2
21280	8.5	105.0	-29	123.2
21290	8.8	103.7	-27	128.0
21300	9.1	102.4	-26	132.5
21310	8.7	101.0	-25	137.6
21320	7.7	99.6	-23	141.8
21330	8.3	98.2	-22	146.1
21340	8.1	96.7	-20	150.4
21350	6.9	95.1	-19	154.6
21360	7.3	93.6	-17	157.8
21370	7.7	92.0	-16	161.5
21380	6.5	90.3	-14	165.3
21390	7.5	88.6	-12	168.2
21400	7.1	86.9	-10	171.9
21410	5.3	85.2	-9	175.4
21420	5.4	83.4	-7	177.8
21430	6.6	81.6	-5	179.1
21440	7.3	79.8	-3	179.4
21450	6.9	78.0	-2	179.4
21460	5.4	76.2	0	179.4
21470	5.6	74.4	2	179.4
21480	4.5	72.6	4	179.4
21490	3.9	70.8	6	179.7
21500	3.8	69.1	7	178.1
21510	24.0	67.6	9	146.6
21520	30.4	66.4	10	99.5
21530	15.9	65.5	11	81.9
21540	7.5	64.8	12	60.6

21550	8.7	64.3	12	49.7
21560	7.1	64.0	12	33.8
21570	2.8	63.7	13	25.0
21580	-0.4	63.5	13	18.3
21590	-0.3	63.4	13	11.9
21600	-0.7	63.3	13	10.3
21610	-8.8	63.2	13	7.9
21620	-11.5	63.1	13	1.5
21630	-3.8	63.2	13	-3.1
21640	-4.5	63.2	13	-4.5
21650	-9.5	63.3	13	-7.1
21660	-6.5	63.4	13	-14.3
21670	-5.4	63.6	13	-18.6
21680	-9.2	63.8	13	-19.9
21690	-8.7	64.0	12	-22.0
21700	-7.3	64.3	12	-26.0
21710	-9.5	64.6	12	-29.8
21720	-9.9	65.0	11	-34.3
21730	-8.1	65.4	11	-39.6
21740	-8.9	65.8	11	-43.3
21750	-9.8	66.4	10	-58.5
21760	-8.8	67.0	9	-64.1
21770	-8.8	67.6	9	-69.2
21780	-10.0	68.2	8	-74.5
21790	-9.6	69.0	7	-80.6
21800	-8.8	69.7	7	-85.9
21810	-10.0	70.6	6	-83.0
21820	-9.1	71.4	5	-88.9
21830	-7.7	72.4	4	-93.7
21840	-8.3	73.3	3	-97.9
21850	-8.4	74.3	2	-102.7
21860	-6.8	75.4	1	-106.7
21870	-7.2	76.5	0	-110.2
21880	-7.6	77.6	-1	-114.2
21890	-6.8	78.8	-2	-117.9
21900	-6.6	80.0	-4	-121.9
21910	-6.4	81.3	-5	-125.1
21920	-6.0	82.5	-6	-128.3
21930	-5.2	83.8	-7	-131.2
21940	-5.3	85.2	-9	-133.9
21950	-5.3	86.5	-10	-136.0
21960	-4.6	87.9	-11	-138.7
21970	-5.0	89.3	-13	-140.8
21980	-4.3	90.7	-14	-143.2
21990	-4.7	92.2	-16	-145.0
22000	-4.2	93.6	-17	-147.2
22010	-5.0	95.1	-19	-149.0
22020	-4.3	96.6	-20	-151.4
22030	-4.3	98.2	-22	-153.3
22040	-3.0	99.7	-23	-154.9
22050	-3.8	101.3	-25	-156.2
22060	-4.1	102.8	-26	-157.8
22070	-3.1	104.4	-28	-159.2
22080	-3.7	106.0	-30	-160.5

22090	-4.2	107.7	-31	-162.1
22100	-1.9	109.3	-33	-163.1
22110	-2.0	110.9	-34	-164.2
22120	-2.7	112.6	-36	-164.5
22130	-3.4	114.1	-38	-148.0
22140	-23.5	115.6	-39	-120.8
22150	-29.3	116.7	-40	-105.1
22160	-16.4	117.6	-41	-71.8
22170	-7.5	118.2	-42	-60.1
22180	-11.1	118.7	-42	-41.5
22190	-8.8	119.1	-43	-35.9
22200	-1.5	119.4	-43	-24.2
22210	0.0	119.6	-43	-22.6
22220	0.0	119.8	-43	-15.7
22230	0.1	119.9	-43	-10.9
22240	0.7	120.0	-44	-10.1
22250	9.1	120.1	-44	-6.6
22260	11.4	120.1	-44	-0.2
22270	2.8	120.1	-44	3.4
22280	1.8	120.0	-44	4.5
22290	10.4	120.0	-44	6.1
22300	4.6	119.8	-43	11.7
22310	4.3	119.7	-43	13.0
22320	9.8	119.5	-43	15.7
22330	7.6	119.3	-43	19.7
22340	7.1	119.1	-43	28.7
22350	9.6	118.8	-42	33.2
22360	9.2	118.4	-42	39.1
22370	7.9	118.1	-42	40.7
22380	9.2	117.6	-41	40.4
22390	9.4	117.1	-41	44.9
22400	8.7	116.6	-40	49.2
22410	9.5	116.0	-40	65.4
22420	9.6	115.4	-39	71.0
22430	9.8	114.7	-38	76.6
22440	10.0	113.9	-37	82.5
22450	10.3	113.1	-37	81.4
22460	9.9	112.3	-36	86.2
22470	10.4	111.4	-35	91.8
22480	10.6	110.4	-34	97.4
22490	9.6	109.4	-33	103.2
22500	9.8	108.3	-32	108.6
22510	10.6	107.2	-31	113.9
22520	9.8	106.0	-30	119.8
22530	9.8	104.8	-28	124.8
22540	10.0	103.5	-27	130.1
22550	10.3	102.2	-26	135.5
22560	10.4	100.8	-24	140.8
22570	9.5	99.3	-23	146.1
22580	9.2	97.8	-21	151.2
22590	9.1	96.3	-20	156.0
22600	7.6	94.7	-18	160.7
22610	8.3	93.0	-17	164.5
22620	7.9	91.4	-15	168.5

22630	7.1	89.6	-13	172.5
22640	8.3	87.9	-11	175.9
22650	7.9	86.1	-10	179.1
22660	8.8	84.3	-8	179.1
22670	9.5	82.5	-6	179.4
22680	8.0	80.7	-4	179.4
22690	8.3	78.9	-2	179.4
22700	6.5	77.1	-1	179.4
22710	5.6	75.3	1	179.4
22720	5.4	73.5	3	179.4
22730	4.5	71.8	5	179.4
22740	4.3	70.0	6	179.4
22750	10.6	68.3	8	148.8
22760	32.7	66.9	10	140.5
22770	25.6	65.9	11	96.1
22780	9.5	65.1	11	70.8
22790	10.2	64.6	12	52.9
22800	11.0	64.1	12	35.4
22810	6.5	63.8	13	29.0
22820	4.1	63.6	13	21.2
22830	1.1	63.4	13	15.7
22840	-0.1	63.3	13	10.3
22850	-0.1	63.2	13	8.7
22860	-0.4	63.1	13	6.3
22870	-3.4	63.1	13	5.0
22880	-11.0	63.1	13	0.7
22890	-2.2	63.1	13	-2.9
22900	-0.4	63.1	13	-3.4
22910	-9.5	63.2	13	-5.8
22920	-6.0	63.3	13	-10.6
22930	-3.4	63.4	13	-14.1
22940	-8.1	63.5	13	-14.9
22950	-8.4	63.7	13	-17.0
22960	-4.9	63.9	13	-21.0
22970	-7.6	64.2	12	-29.0
22980	-8.9	64.5	12	-30.3
22990	-6.1	64.8	12	-35.1
23000	-7.6	65.2	11	-38.6
23010	-9.8	65.6	11	-38.6
23020	-8.3	66.1	10	-43.1
23030	-8.7	66.6	10	-47.1
23040	-10.6	67.2	9	-62.8
23050	-9.8	67.8	9	-68.9
23060	-8.8	68.4	8	-74.8
23070	-9.8	69.2	7	-80.3
23080	-9.6	69.9	7	-85.7
23090	-9.1	70.8	6	-83.3
23100	-8.9	71.6	5	-88.6
23110	-9.2	72.5	4	-93.1
23120	-8.8	73.5	3	-97.9
23130	-9.1	74.5	2	-103.0
23140	-8.7	75.6	1	-107.8
23150	-9.2	76.7	0	-112.6
23160	-9.2	77.9	-1	-117.6

23170	-8.5	79.1	-3	-122.4
23180	-8.3	80.4	-4	-126.9
23190	-7.6	81.7	-5	-131.2
23200	-7.5	83.0	-7	-135.2
23210	-7.5	84.4	-8	-138.9
23220	-6.6	85.8	-9	-142.6
23230	-8.3	87.2	-11	-146.1
23240	-7.7	88.7	-12	-150.4
23250	-7.1	90.3	-14	-153.8
23260	-6.5	91.8	-15	-157.6
23270	-6.4	93.4	-17	-160.7
23280	-7.1	95.1	-19	-163.7
23290	-5.4	96.7	-20	-167.1
23300	-6.0	98.4	-22	-169.8
23310	-4.9	100.1	-24	-172.2
23320	-4.7	101.9	-25	-174.1
23330	-6.0	103.6	-27	-174.3
23340	-6.5	105.4	-29	-174.1
23350	-5.4	107.1	-31	-174.3
23360	-4.6	108.9	-32	-174.1
23370	-4.2	110.6	-34	-174.1
23380	-3.7	112.3	-36	-174.1
23390	-4.7	114.0	-38	-156.5
23400	-25.0	115.6	-39	-158.9
23410	-33.6	116.7	-40	-111.2
23420	-21.2	117.7	-41	-91.5
23430	-8.8	118.3	-42	-62.0
23440	-13.2	118.8	-42	-47.1
23450	-13.3	119.2	-43	-31.9
23460	-5.4	119.5	-43	-28.7
23470	-3.9	119.7	-43	-21.5
23480	-4.3	119.9	-43	-14.9
23490	-0.3	120.0	-44	-11.1
23500	0.0	120.1	-44	-9.0
23510	0.0	120.1	-44	-6.1
23520	0.3	120.2	-44	-4.2
23530	0.5	120.2	-44	-3.4
23540	4.9	120.2	-44	-2.6
23550	7.9	120.3	-44	0.7
23560	2.7	120.2	-44	3.9
23570	2.3	120.2	-44	5.3
23580	8.9	120.1	-44	7.4
23590	7.3	120.0	-44	11.9
23600	6.2	119.9	-43	16.5
23610	8.4	119.7	-43	20.4
23620	8.9	119.5	-43	25.2
23630	7.5	119.2	-43	30.6
23640	8.0	118.9	-42	35.4
23650	8.5	118.5	-42	40.1
23660	8.1	118.1	-42	45.2
23670	8.8	117.7	-41	50.3
23680	10.0	117.2	-41	55.6
23690	9.8	116.6	-40	61.4
23700	10.0	116.0	-40	67.3

23710	10.8	115.4	-39	73.4
23720	10.8	114.7	-38	79.6
23730	10.3	113.9	-37	85.9
23740	10.7	113.1	-37	92.1
23750	10.4	112.2	-36	89.7
23760	10.0	111.3	-35	95.5
23770	10.3	110.3	-34	100.6
23780	10.0	109.2	-33	106.4
23790	10.0	108.1	-32	111.8
23800	11.1	106.9	-30	117.4
23810	10.2	105.7	-29	123.5
23820	9.5	104.5	-28	128.8
23830	10.0	103.1	-27	134.4
23840	9.9	101.7	-25	139.2
23850	8.8	100.3	-24	144.5
23860	8.8	98.8	-22	149.0
23870	9.2	97.3	-21	153.8
23880	8.3	95.7	-19	158.4
23890	7.9	94.1	-18	162.6
23900	8.9	92.5	-16	166.6
23910	7.9	90.8	-14	171.1
23920	8.0	89.0	-13	175.1
23930	8.9	87.2	-11	178.6
23940	9.2	85.4	-9	179.4
23950	8.8	83.6	-7	179.4
23960	8.7	81.9	-5	179.4
23970	8.4	80.1	-4	179.4
23980	8.1	78.3	-2	179.7
23990	6.6	76.5	0	179.4
24000	6.9	74.7	2	179.4
24010	5.6	72.9	4	179.4
24020	4.9	71.1	5	179.4
24030	4.9	69.3	7	176.7
24040	22.4	67.8	9	152.0
24050	33.1	66.5	10	104.0
24060	20.1	65.6	11	85.9
24070	9.8	64.9	12	63.8
24080	11.4	64.4	12	52.4
24090	10.2	64.0	12	35.6
24100	5.8	63.7	13	26.3
24110	3.3	63.5	13	19.4
24120	0.3	63.3	13	12.7
24130	-0.1	63.2	13	10.9
24140	-0.1	63.1	13	8.5
24150	-0.3	63.1	13	5.8
24160	-1.1	63.0	13	3.9
24170	-10.2	63.0	13	2.6
24180	-3.1	63.0	13	-1.5
24190	0.1	63.0	13	-2.1
24200	-5.3	63.0	13	-2.6
24210	-6.0	63.1	13	-5.3
24220	-2.7	63.2	13	-7.4
24230	-5.3	63.3	13	-9.0
24240	-7.7	63.4	13	-11.4

24250	-4.3	63.5	13	-17.0
24260	-6.1	63.7	13	-17.5
24270	-8.1	64.0	12	-25.2
24280	-6.4	64.2	12	-29.8
24290	-7.1	64.5	12	-33.8
24300	-9.4	64.8	12	-34.3
24310	-8.8	65.2	11	-35.4
24320	-8.3	65.6	11	-39.9
24330	-10.4	66.1	10	-48.9
24340	-10.7	66.7	10	-60.1
24350	-9.5	67.3	9	-66.0
24360	-10.7	67.9	9	-71.8
24370	-11.0	68.6	8	-78.2
24380	-9.8	69.4	7	-84.9
24390	-10.4	70.2	6	-90.5
24400	-11.3	71.0	5	-88.1
24410	-10.2	72.0	4	-94.7
24420	-10.6	73.0	3	-100.3
24430	-11.3	74.0	2	-105.9
24440	-10.3	75.1	1	-112.3
24450	-10.0	76.3	0	-117.9
24460	-10.3	77.5	-1	-123.2
24470	-9.8	78.8	-2	-128.5
24480	-8.7	80.1	-4	-133.9
24490	-8.4	81.5	-5	-138.4
24500	-8.7	82.9	-6	-142.9
24510	-7.9	84.4	-8	-147.4
24520	-7.7	85.9	-9	-151.7
24530	-8.9	87.4	-11	-155.7
24540	-8.4	89.0	-13	-160.2
24550	-7.1	90.6	-14	-164.2
24560	-7.2	92.3	-16	-167.7
24570	-6.5	94.0	-18	-171.1
24580	-7.6	95.7	-19	-174.1
24590	-8.7	97.5	-21	-174.3
24600	-8.0	99.2	-23	-174.9
24610	-7.5	101.0	-25	-174.3
24620	-7.1	102.7	-26	-174.3
24630	-7.2	104.5	-28	-174.3
24640	-7.2	106.2	-30	-174.3
24650	-7.2	108.0	-32	-174.6
24660	-5.0	109.7	-33	-174.6
24670	-5.6	111.4	-35	-174.1
24680	-6.2	113.2	-37	-174.3
24690	-9.6	114.8	-38	-165.5
24700	-34.4	116.2	-40	-113.9
24710	-34.6	117.2	-41	-96.6
24720	-14.4	118.0	-42	-64.1
24730	-13.2	118.6	-42	-53.2
24740	-17.9	119.0	-43	-44.1
24750	-12.6	119.3	-43	-30.6
24760	-5.3	119.6	-43	-19.9
24770	-6.5	119.8	-43	-18.3
24780	-5.2	119.9	-43	-11.4

24790	-0.3	120.0	-44	-10.1
24800	0.0	120.1	-44	-6.6
24810	0.0	120.1	-44	-4.5
24820	0.3	120.1	-44	-3.9
24830	0.5	120.2	-44	-3.1
24840	3.4	120.2	-44	-2.1
24850	9.4	120.2	-44	0.7
24860	3.7	120.2	-44	4.7
24870	1.9	120.1	-44	6.6
24880	9.8	120.0	-44	8.5
24890	8.1	119.9	-43	13.3
24900	6.4	119.8	-43	18.6
24910	8.4	119.6	-43	22.6
24920	9.6	119.3	-43	27.4
24930	8.0	119.1	-43	30.0
24940	8.3	118.7	-42	30.8
24950	9.4	118.4	-42	35.1
24960	8.8	117.9	-41	39.9
24970	9.4	117.4	-41	49.2
24980	10.3	116.9	-40	59.9
24990	9.9	116.3	-40	65.7
25000	10.2	115.7	-39	71.8
25010	10.8	115.0	-39	77.7
25020	10.4	114.2	-38	84.3
25030	10.4	113.4	-37	90.2
25040	10.8	112.5	-36	88.1
25050	10.0	111.6	-35	93.7
25060	10.2	110.6	-34	99.5
25070	10.3	109.6	-33	105.1
25080	10.2	108.5	-32	110.4
25090	11.1	107.4	-31	116.3
25100	10.7	106.1	-30	122.4
25110	9.8	104.9	-28	128.0
25120	9.9	103.6	-27	133.6
25130	10.7	102.2	-26	138.9
25140	10.0	100.8	-24	144.5
25150	9.2	99.3	-23	149.6
25160	9.6	97.7	-21	154.6
25170	9.4	96.2	-20	159.4
25180	8.1	94.5	-18	164.5
25190	9.1	92.8	-16	168.5
25200	8.4	91.1	-15	173.0
25210	7.7	89.4	-13	177.3
25220	10.3	87.6	-11	179.1
25230	10.6	85.8	-9	179.7
25240	8.9	84.0	-8	179.7
25250	9.4	82.2	-6	179.4
25260	9.1	80.4	-4	179.1
25270	9.1	78.6	-2	179.4
25280	8.1	76.8	0	179.7
25290	7.9	75.0	1	179.4
25300	6.5	73.2	3	179.4
25310	5.6	71.4	5	179.4
25320	5.8	69.6	7	176.7

25330	16.7	68.0	8	160.0
25340	34.0	66.7	10	109.4
25350	23.3	65.7	11	91.0
25360	10.3	65.0	11	67.3
25370	10.4	64.5	12	44.9
25380	11.1	64.1	12	37.5
25390	6.9	63.8	13	27.6
25400	3.9	63.5	13	18.3
25410	0.8	63.4	13	14.9
25420	-0.1	63.3	13	11.1
25430	-0.1	63.2	13	7.4
25440	-0.3	63.1	13	6.9
25450	-0.9	63.1	13	4.7
25460	-10.7	63.0	13	2.3
25470	-5.4	63.0	13	-1.8
25480	-0.4	63.1	13	-4.2
25490	-5.6	63.1	13	-4.5
25500	-7.6	63.2	13	-7.7
25510	-3.9	63.3	13	-12.2
25520	-5.8	63.4	13	-14.9
25530	-9.1	63.6	13	-18.3
25540	-6.2	63.8	13	-23.4
25550	-6.5	64.0	12	-27.6
25560	-8.3	64.3	12	-28.2
25570	-7.3	64.6	12	-29.0
25580	-6.5	64.9	12	-32.7
25590	-8.5	65.3	11	-36.4
25600	-8.8	65.8	11	-40.1
25610	-8.8	66.2	10	-45.5
25620	-10.2	66.8	10	-48.9
25630	-10.6	67.4	9	-54.8
25640	-10.2	68.0	8	-58.8
25650	-10.0	68.7	8	-63.8
25660	-10.0	69.4	7	-68.6
25670	-9.8	70.3	6	-81.9
25680	-9.6	71.1	5	-87.3
25690	-9.6	72.1	4	-92.9
25700	-10.0	73.0	3	-97.9
25710	-10.3	74.0	2	-103.2
25720	-9.9	75.1	1	-108.8
25730	-10.4	76.3	0	-114.4
25740	-10.3	77.4	-1	-120.0
25750	-10.0	78.7	-2	-125.3
25760	-9.5	80.0	-4	-130.9
25770	-8.5	81.3	-5	-135.5
25780	-8.4	82.7	-6	-140.2
25790	-8.4	84.1	-8	-144.5
25800	-8.0	85.6	-9	-149.3
25810	-9.4	87.2	-11	-153.3
25820	-8.5	88.7	-12	-157.8
25830	-8.0	90.3	-14	-162.3
25840	-7.6	92.0	-16	-166.1
25850	-7.3	93.7	-17	-169.8
25860	-8.3	95.4	-19	-173.3

25870	-8.4	97.1	-21	-174.3
25880	-8.7	98.9	-22	-174.3
25890	-7.6	100.6	-24	-174.3
25900	-6.5	102.4	-26	-174.3
25910	-7.3	104.1	-28	-174.6
25920	-8.0	105.9	-29	-174.3
25930	-6.9	107.6	-31	-174.6
25940	-5.3	109.4	-33	-174.1
25950	-5.8	111.1	-35	-174.3
25960	-5.6	112.8	-36	-174.3
25970	-7.2	114.6	-38	-186.8
25980	-31.3	115.9	-39	-133.9
25990	-34.6	117.1	-41	-111.5
26000	-17.9	117.8	-41	-76.4
26010	-12.3	118.5	-42	-61.4
26020	-17.8	118.9	-42	-42.8
26030	-14.2	119.3	-43	-35.4
26040	-7.3	119.5	-43	-23.6
26050	-7.2	119.7	-43	-15.9
26060	-8.0	119.8	-43	-13.5
26070	-4.1	120.0	-44	-9.0
26080	-1.4	120.0	-44	-7.9
26090	-2.6	120.1	-44	-5.3
26100	-2.3	120.1	-44	-3.4
26110	-0.7	120.2	-44	-2.9
26120	-0.5	120.2	-44	-2.3
26130	-0.1	120.2	-44	-1.8
26140	0.5	120.2	-44	-1.0
26150	0.7	120.2	-44	-0.5
26160	0.8	120.2	-44	-0.2
26170	9.8	120.2	-44	0.2
26180	13.4	120.2	-44	5.5
26190	4.5	120.1	-44	12.7
26200	2.8	120.0	-44	15.9
26210	12.2	119.8	-43	18.1
26220	8.4	119.6	-43	22.0
26230	6.4	119.3	-43	23.9
26240	9.6	119.1	-43	27.4

ISOK_EXERC_ER_IR_180_R_SIDE
01/08
Set #5

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	120.3	-44	0.0
10	0.1	120.3	-44	0.2
20	0.5	120.3	-44	0.2
30	0.7	120.3	-44	0.2
40	0.8	120.3	-44	0.2
50	1.1	120.3	-44	0.5
60	1.2	120.2	-44	1.5
70	1.1	120.2	-44	1.5
80	1.1	120.2	-44	2.9
90	4.3	120.2	-44	3.7
100	8.3	120.1	-44	7.1
110	2.3	120.0	-44	10.1
120	1.4	119.9	-43	11.4
130	5.4	119.8	-43	11.4
140	5.6	119.7	-43	13.8
150	4.5	119.5	-43	16.5
160	4.3	119.3	-43	18.6
170	4.6	119.0	-43	20.7
180	5.7	118.8	-42	23.1
190	5.8	118.5	-42	26.0
200	4.9	118.2	-42	35.1
210	5.4	117.8	-41	38.3
220	6.6	117.5	-41	41.5
230	6.4	117.1	-41	45.5
240	6.0	116.6	-40	49.5
250	6.2	116.2	-40	52.7
260	6.8	115.6	-39	56.7
270	6.9	115.1	-39	60.6
280	6.4	114.5	-38	64.9
290	6.8	113.9	-37	68.6
300	7.1	113.3	-37	72.4
310	7.1	112.6	-36	69.7
320	7.3	111.8	-35	74.0
330	7.3	111.1	-35	77.7
340	7.7	110.3	-34	81.7
350	7.7	109.4	-33	85.9
360	7.7	108.5	-32	89.9
370	8.0	107.6	-31	94.2
380	7.9	106.6	-30	98.7
390	7.9	105.6	-29	102.7
400	7.5	104.5	-28	107.0
410	7.7	103.4	-27	111.2
420	8.3	102.3	-26	115.0
430	8.3	101.1	-25	119.5
440	7.2	99.9	-23	123.5
450	8.3	98.6	-22	127.5
460	8.4	97.3	-21	132.0
470	7.5	96.0	-20	136.3
480	6.9	94.6	-18	140.0

490	8.1	93.1	-17	143.7
500	7.7	91.7	-15	147.7
510	6.8	90.2	-14	151.4
520	7.7	88.6	-12	154.6
530	7.3	87.0	-11	158.6
540	6.2	85.4	-9	162.1
550	6.4	83.8	-7	165.5
560	6.5	82.1	-6	168.5
570	6.6	80.4	-4	171.4
580	6.6	78.7	-2	174.3
590	5.0	76.9	0	177.5
600	6.1	75.1	1	179.1
610	7.6	73.3	3	179.1
620	6.8	71.5	5	179.1
630	7.2	69.8	7	161.0
640	17.5	68.1	8	144.5
650	37.0	66.7	10	136.0
660	28.9	65.8	11	92.6
670	14.5	65.0	11	68.6
680	12.9	64.5	12	55.9
690	12.3	64.1	12	34.0
700	11.9	63.8	13	28.2
710	7.9	63.5	13	23.1
720	1.6	63.4	13	15.1
730	0.0	63.3	13	11.4
740	0.0	63.2	13	7.4
750	0.0	63.1	13	6.9
760	-0.4	63.0	13	4.7
770	-0.8	63.0	13	3.1
780	-8.4	63.0	13	2.1
790	-7.1	63.0	13	-1.8
800	-1.2	63.0	13	-5.3
810	-5.3	63.1	13	-6.3
820	-10.7	63.2	13	-9.5
830	-8.7	63.3	13	-15.7
840	-8.9	63.5	13	-21.0
850	-12.2	63.7	13	-24.2
860	-12.5	64.0	12	-27.6
870	-11.0	64.3	12	-33.2
880	-11.4	64.8	12	-38.8
890	-13.0	65.3	11	-54.5
900	-12.5	65.8	11	-62.2
910	-12.5	66.4	10	-70.0
920	-14.1	67.1	9	-76.9
930	-14.5	67.9	9	-85.7
940	-13.7	68.7	8	-94.5
950	-13.6	69.6	7	-102.7
960	-14.1	70.6	6	-100.8
970	-12.7	71.7	5	-108.6
980	-11.7	72.8	4	-115.8
990	-11.7	74.0	2	-122.1
1000	-11.5	75.3	1	-128.5
1010	-11.4	76.6	0	-134.9
1020	-11.3	78.0	-2	-141.0

1030	-11.5	79.5	-3	-147.2
1040	-10.0	81.0	-5	-153.0
1050	-9.5	82.6	-6	-158.6
1060	-9.5	84.2	-8	-163.4
1070	-8.7	85.9	-9	-168.5
1080	-8.7	87.6	-11	-173.0
1090	-9.9	89.3	-13	-174.3
1100	-10.2	91.1	-15	-174.9
1110	-9.6	92.8	-16	-174.6
1120	-8.1	94.6	-18	-174.1
1130	-9.5	96.3	-20	-174.6
1140	-9.8	98.1	-22	-174.3
1150	-6.9	99.8	-23	-174.3
1160	-6.5	101.5	-25	-174.1
1170	-6.4	103.3	-27	-174.1
1180	-6.1	105.0	-29	-174.1
1190	-5.2	106.8	-30	-174.1
1200	-4.7	108.5	-32	-174.1
1210	-3.4	110.3	-34	-174.1
1220	-3.1	112.0	-36	-174.1
1230	-4.9	113.7	-37	-173.8
1240	-18.7	115.3	-39	-152.8
1250	-34.4	116.6	-40	-128.3
1260	-27.5	117.5	-41	-88.9
1270	-10.2	118.2	-42	-59.1
1280	-9.8	118.7	-42	-49.2
1290	-11.5	119.1	-43	-33.5
1300	-8.7	119.4	-43	-28.2
1310	-4.5	119.7	-43	-18.9
1320	0.1	119.8	-43	-17.0
1330	0.0	119.9	-43	-11.7
1340	0.0	120.0	-44	-7.9
1350	0.4	120.1	-44	-7.1
1360	3.9	120.2	-44	-4.7
1370	9.9	120.2	-44	-0.7
1380	3.7	120.2	-44	2.9
1390	0.3	120.1	-44	4.7
1400	7.9	120.1	-44	5.3
1410	7.6	120.0	-44	7.9
1420	5.4	119.9	-43	13.8
1430	7.5	119.7	-43	16.2
1440	8.1	119.5	-43	18.1
1450	8.5	119.3	-43	22.3
1460	8.5	119.0	-43	26.6
1470	7.9	118.7	-42	30.6
1480	7.9	118.3	-42	34.6
1490	8.0	117.9	-41	38.6
1500	8.1	117.4	-41	42.5
1510	8.3	116.9	-40	46.5
1520	8.7	116.4	-40	50.5
1530	8.7	115.8	-39	54.8
1540	8.7	115.1	-39	59.3
1550	8.5	114.5	-38	63.3
1560	8.7	113.7	-37	67.6

1570	8.0	112.9	-36	79.6
1580	7.3	112.1	-36	84.1
1590	7.3	111.2	-35	88.1
1600	7.2	110.3	-34	92.1
1610	6.9	109.3	-33	96.3
1620	7.6	108.3	-32	100.0
1630	8.5	107.3	-31	103.8
1640	7.7	106.2	-30	108.6
1650	7.7	105.1	-29	112.6
1660	7.6	104.0	-28	116.8
1670	7.7	102.8	-26	120.5
1680	7.3	101.5	-25	124.8
1690	6.6	100.3	-24	128.5
1700	7.1	98.9	-22	132.0
1710	7.3	97.6	-21	135.5
1720	6.9	96.2	-20	139.2
1730	6.5	94.8	-18	142.4
1740	7.1	93.4	-17	145.8
1750	7.2	91.9	-15	149.0
1760	6.4	90.4	-14	152.5
1770	6.5	88.8	-12	155.7
1780	6.2	87.2	-11	159.2
1790	5.4	85.6	-9	161.5
1800	5.2	84.0	-8	164.2
1810	5.7	82.3	-6	166.9
1820	5.3	80.6	-4	169.3
1830	5.3	78.9	-2	171.7
1840	4.2	77.2	-1	173.8
1850	4.1	75.4	1	175.7
1860	4.3	73.7	3	177.3
1870	3.1	71.9	5	178.6
1880	3.8	70.1	6	178.9
1890	8.4	68.4	8	168.7
1900	31.9	67.0	9	117.1
1910	27.5	66.0	10	98.2
1920	10.7	65.1	11	79.3
1930	9.8	64.6	12	48.4
1940	9.6	64.2	12	40.4
1950	8.3	63.8	13	30.0
1960	4.6	63.6	13	24.4
1970	-0.3	63.4	13	16.2
1980	-0.3	63.3	13	12.2
1990	-0.4	63.2	13	8.2
2000	-1.9	63.1	13	6.9
2010	-13.4	63.1	13	2.9
2020	-4.6	63.1	13	-2.6
2030	-0.8	63.1	13	-4.5
2040	-7.7	63.2	13	-5.5
2050	-6.5	63.2	13	-9.5
2060	-3.9	63.4	13	-13.0
2070	-5.3	63.5	13	-15.7
2080	-7.7	63.7	13	-17.3
2090	-7.6	63.9	13	-18.9
2100	-7.5	64.1	12	-23.1

2110	-9.5	64.4	12	-32.7
2120	-10.3	64.7	12	-38.0
2130	-10.0	65.1	11	-44.1
2140	-10.2	65.6	11	-50.5
2150	-11.1	66.1	10	-56.4
2160	-11.3	66.6	10	-63.3
2170	-10.7	67.3	9	-70.0
2180	-11.7	67.9	9	-76.4
2190	-12.1	68.7	8	-83.3
2200	-11.7	69.5	7	-91.0
2210	-12.1	70.4	6	-88.9
2220	-12.3	71.3	5	-95.5
2230	-11.3	72.3	4	-102.4
2240	-11.1	73.4	3	-108.3
2250	-11.5	74.5	2	-114.7
2260	-10.7	75.7	1	-120.8
2270	-10.7	77.0	-1	-126.9
2280	-11.0	78.3	-2	-132.5
2290	-10.6	79.7	-3	-138.7
2300	-9.4	81.1	-5	-144.2
2310	-9.1	82.6	-6	-149.0
2320	-9.1	84.1	-8	-153.8
2330	-8.3	85.7	-9	-158.6
2340	-8.9	87.3	-11	-162.9
2350	-8.3	88.9	-12	-167.4
2360	-7.2	90.6	-14	-171.4
2370	-7.5	92.4	-16	-174.1
2380	-8.3	94.1	-18	-174.6
2390	-10.2	95.9	-19	-174.6
2400	-8.3	97.6	-21	-174.6
2410	-6.0	99.4	-23	-174.3
2420	-6.5	101.1	-25	-174.1
2430	-5.8	102.8	-26	-174.1
2440	-4.7	104.6	-28	-174.1
2450	-4.2	106.3	-30	-174.1
2460	-4.1	108.1	-32	-173.8
2470	-1.9	109.8	-33	-174.1
2480	-1.9	111.5	-35	-173.5
2490	-2.0	113.3	-37	-173.5
2500	-6.6	114.9	-38	-162.9
2510	-31.9	116.2	-40	-112.0
2520	-30.5	117.2	-41	-94.7
2530	-9.1	118.0	-42	-63.0
2540	-6.8	118.6	-42	-52.1
2550	-8.7	119.0	-43	-35.4
2560	-7.7	119.3	-43	-29.8
2570	-3.7	119.5	-43	-19.9
2580	0.5	119.7	-43	-18.1
2590	0.1	119.9	-43	-12.5
2600	0.3	120.0	-44	-8.5
2610	1.9	120.0	-44	-7.7
2620	13.2	120.1	-44	-3.4
2630	3.7	120.1	-44	1.8
2640	0.1	120.0	-44	2.3

2650	5.8	120.0	-44	2.9
2660	5.6	120.0	-44	6.6
2670	3.9	119.9	-43	9.8
2680	5.2	119.8	-43	11.4
2690	6.4	119.6	-43	13.0
2700	7.7	119.5	-43	15.9
2710	7.3	119.3	-43	19.7
2720	7.5	119.0	-43	23.4
2730	7.6	118.7	-42	27.1
2740	7.9	118.4	-42	31.1
2750	7.2	118.0	-42	34.6
2760	7.2	117.6	-41	38.3
2770	8.0	117.1	-41	42.0
2780	8.0	116.7	-40	45.5
2790	8.0	116.1	-40	49.7
2800	8.8	115.5	-39	53.5
2810	8.9	114.9	-38	57.7
2820	8.8	114.2	-38	62.0
2830	9.1	113.5	-37	73.4
2840	8.4	112.7	-36	78.5
2850	8.3	111.9	-35	83.5
2860	8.4	111.0	-35	87.8
2870	8.3	110.1	-34	92.3
2880	7.7	109.1	-33	96.9
2890	8.3	108.1	-32	101.4
2900	9.1	107.1	-31	105.6
2910	8.7	106.0	-30	110.4
2920	8.3	104.8	-28	115.2
2930	8.1	103.7	-27	119.8
2940	8.3	102.4	-26	124.0
2950	8.1	101.2	-25	128.3
2960	7.3	99.8	-23	132.5
2970	7.9	98.5	-22	136.5
2980	7.9	97.1	-21	140.5
2990	6.9	95.6	-19	144.5
3000	6.8	94.2	-18	148.2
3010	7.9	92.7	-16	151.4
3020	6.6	91.1	-15	155.2
3030	6.0	89.5	-13	158.6
3040	6.9	87.9	-11	161.3
3050	5.6	86.3	-10	164.5
3060	4.9	84.6	-8	167.1
3070	5.0	82.9	-6	169.3
3080	3.9	81.2	-5	171.4
3090	4.3	79.5	-3	173.0
3100	3.5	77.8	-1	174.9
3110	2.0	76.0	0	176.2
3120	2.2	74.2	2	177.0
3130	1.9	72.5	4	176.7
3140	1.5	70.7	6	177.5
3150	1.4	68.9	8	193.0
3160	22.1	67.5	9	141.8
3170	30.0	66.3	10	96.6
3180	14.0	65.5	11	80.6

3190	5.8	64.8	12	59.6
3200	7.7	64.3	12	40.1
3210	6.8	64.0	12	33.8
3220	3.1	63.7	13	25.0
3230	0.4	63.5	13	16.5
3240	-0.3	63.4	13	13.5
3250	-0.7	63.2	13	11.4
3260	-7.6	63.2	13	7.4
3270	-11.8	63.1	13	1.5
3280	-4.3	63.2	13	-4.5
3290	-4.1	63.2	13	-6.1
3300	-10.7	63.3	13	-8.7
3310	-7.5	63.4	13	-13.0
3320	-4.5	63.6	13	-15.9
3330	-9.1	63.8	13	-18.3
3340	-10.0	64.0	12	-25.0
3350	-7.9	64.3	12	-30.0
3360	-9.8	64.6	12	-38.3
3370	-12.1	65.0	11	-43.3
3380	-10.4	65.5	11	-51.1
3390	-10.4	66.0	10	-57.7
3400	-12.3	66.5	10	-58.3
3410	-11.9	67.2	9	-58.0
3420	-10.7	67.9	9	-63.8
3430	-11.4	68.6	8	-69.4
3440	-11.5	69.4	7	-75.0
3450	-10.8	70.3	6	-89.4
3460	-11.4	71.3	5	-95.5
3470	-11.1	72.3	4	-101.9
3480	-10.6	73.3	3	-107.5
3490	-10.7	74.5	2	-113.4
3500	-10.0	75.6	1	-119.2
3510	-9.8	76.9	0	-124.5
3520	-9.6	78.2	-2	-129.9
3530	-9.4	79.5	-3	-134.7
3540	-8.3	80.9	-4	-140.0
3550	-7.9	82.3	-6	-144.2
3560	-8.1	83.8	-7	-148.2
3570	-8.0	85.3	-9	-152.2
3580	-8.3	86.9	-10	-156.2
3590	-7.6	88.5	-12	-160.5
3600	-7.9	90.1	-14	-164.2
3610	-6.5	91.8	-15	-167.9
3620	-6.2	93.5	-17	-171.7
3630	-8.1	95.2	-19	-174.1
3640	-9.1	96.9	-20	-174.6
3650	-8.5	98.7	-22	-174.3
3660	-6.9	100.4	-24	-174.3
3670	-6.8	102.2	-26	-174.3
3680	-7.5	103.9	-27	-174.3
3690	-7.7	105.7	-29	-174.1
3700	-7.1	107.4	-31	-174.3
3710	-5.0	109.1	-33	-174.1
3720	-4.7	110.9	-34	-173.8

3730	-3.8	112.6	-36	-174.1
3740	-4.5	114.4	-38	-171.4
3750	-27.5	115.8	-39	-138.4
3760	-32.3	116.9	-40	-105.6
3770	-16.7	117.7	-41	-71.0
3780	-7.9	118.4	-42	-58.5
3790	-8.5	118.9	-42	-39.4
3800	-9.4	119.2	-43	-33.8
3810	-5.0	119.5	-43	-22.6
3820	-0.5	119.7	-43	-20.4
3830	0.0	119.8	-43	-13.8
3840	0.0	120.0	-44	-9.5
3850	0.3	120.0	-44	-7.1
3860	3.5	120.1	-44	-6.1
3870	10.7	120.1	-44	-1.8
3880	3.3	120.1	-44	1.8
3890	-0.3	120.1	-44	2.9
3900	6.8	120.1	-44	3.4
3910	6.1	120.0	-44	7.4
3920	4.2	119.9	-43	10.9
3930	6.0	119.8	-43	12.5
3940	7.3	119.6	-43	14.3
3950	8.1	119.4	-43	18.1
3960	7.7	119.2	-43	26.6
3970	7.7	118.9	-42	31.4
3980	8.1	118.6	-42	36.2
3990	7.7	118.3	-42	37.2
4000	7.5	117.9	-41	37.2
4010	7.9	117.4	-41	40.9
4020	8.4	116.9	-40	44.7
4030	8.7	116.4	-40	48.7
4040	8.7	115.8	-39	53.2
4050	8.9	115.2	-39	57.5
4060	8.8	114.5	-38	61.7
4070	9.1	113.8	-37	66.0
4080	9.2	113.0	-37	78.2
4090	8.7	112.2	-36	83.3
4100	8.4	111.3	-35	88.1
4110	8.5	110.4	-34	92.6
4120	8.4	109.4	-33	97.1
4130	8.7	108.4	-32	101.9
4140	9.6	107.4	-31	106.4
4150	9.1	106.3	-30	111.8
4160	8.5	105.1	-29	116.6
4170	8.4	103.9	-27	121.3
4180	8.4	102.7	-26	125.6
4190	8.0	101.4	-25	129.9
4200	6.8	100.0	-24	133.9
4210	6.9	98.7	-22	137.6
4220	6.9	97.3	-21	141.0
4230	6.1	95.8	-19	144.5
4240	6.0	94.4	-18	147.7
4250	6.6	92.9	-16	150.4
4260	5.7	91.3	-15	153.6

4270	5.0	89.8	-13	156.2
4280	5.7	88.2	-12	158.6
4290	4.5	86.6	-10	161.3
4300	3.8	85.0	-9	163.1
4310	3.8	83.3	-7	164.7
4320	3.4	81.7	-5	166.1
4330	3.4	80.0	-4	167.1
4340	3.3	78.3	-2	168.5
4350	2.2	76.6	0	169.5
4360	2.0	74.9	2	170.3
4370	1.9	73.2	3	170.9
4380	1.8	71.5	5	170.9
4390	1.8	69.9	7	154.1
4400	8.8	68.2	8	139.5
4410	30.2	66.9	10	130.9
4420	22.2	66.0	10	92.1
4430	8.1	65.2	11	68.9
4440	9.8	64.7	12	46.8
4450	9.6	64.2	12	39.9
4460	6.4	63.9	13	30.0
4470	4.3	63.7	13	19.9
4480	-0.5	63.5	13	16.5
4490	-0.3	63.3	13	13.8
4500	-0.7	63.2	13	9.8
4510	-7.9	63.2	13	7.7
4520	-11.9	63.1	13	1.3
4530	-4.3	63.2	13	-3.4
4540	-2.8	63.2	13	-5.0
4550	-9.6	63.3	13	-8.2
4560	-7.6	63.4	13	-11.1
4570	-4.6	63.5	13	-14.9
4580	-8.1	63.7	13	-17.3
4590	-8.7	64.0	12	-21.2
4600	-7.3	64.2	12	-25.0
4610	-8.4	64.5	12	-29.0
4620	-10.0	64.9	12	-40.1
4630	-8.9	65.3	11	-46.0
4640	-8.9	65.8	11	-51.6
4650	-10.3	66.2	10	-51.9
4660	-10.0	66.8	10	-51.6
4670	-9.1	67.4	9	-56.4
4680	-9.4	68.1	8	-60.6
4690	-9.9	68.8	8	-65.2
4700	-8.8	69.6	7	-70.0
4710	-9.2	70.4	6	-82.2
4720	-9.5	71.3	5	-87.5
4730	-8.8	72.2	4	-92.9
4740	-8.4	73.1	3	-97.1
4750	-9.1	74.1	2	-101.9
4760	-7.9	75.2	1	-106.7
4770	-7.7	76.3	0	-111.0
4780	-7.9	77.4	-1	-115.0
4790	-7.6	78.6	-2	-119.0
4800	-6.8	79.8	-3	-123.2

4810	-6.2	81.1	-5	-126.4
4820	-6.4	82.4	-6	-129.6
4830	-6.1	83.7	-7	-132.5
4840	-5.6	85.1	-9	-135.7
4850	-5.7	86.4	-10	-138.1
4860	-5.7	87.8	-11	-140.8
4870	-5.6	89.3	-13	-144.0
4880	-4.3	90.7	-14	-146.4
4890	-5.2	92.2	-16	-148.2
4900	-4.6	93.7	-17	-150.9
4910	-5.3	95.2	-19	-152.5
4920	-4.3	96.8	-20	-154.9
4930	-4.9	98.3	-22	-157.0
4940	-3.8	99.9	-23	-159.2
4950	-4.1	101.5	-25	-160.7
4960	-4.7	103.2	-27	-162.6
4970	-4.3	104.8	-28	-164.5
4980	-4.3	106.5	-30	-166.1
4990	-5.0	108.1	-32	-168.2
5000	-3.0	109.8	-33	-170.3
5010	-3.8	111.5	-35	-171.4
5020	-5.3	113.3	-37	-172.7
5030	-11.9	114.9	-38	-178.3
5040	-34.6	116.2	-40	-112.3
5050	-34.2	117.2	-41	-95.3
5060	-12.9	118.0	-42	-63.0
5070	-12.7	118.6	-42	-52.7
5080	-16.0	119.0	-43	-43.9
5090	-11.5	119.3	-43	-30.0
5100	-6.4	119.6	-43	-19.9
5110	-6.0	119.8	-43	-18.1
5120	-2.7	119.9	-43	-12.5
5130	0.0	120.0	-44	-8.2
5140	-0.1	120.1	-44	-7.7
5150	0.0	120.1	-44	-5.3
5160	0.0	120.1	-44	-3.4
5170	0.3	120.2	-44	-2.6
5180	0.5	120.2	-44	-2.6
5190	1.8	120.2	-44	-1.8
5200	9.4	120.2	-44	0.5
5210	5.6	120.2	-44	3.9
5220	2.6	120.1	-44	6.6
5230	8.4	120.1	-44	8.7
5240	8.8	120.0	-44	11.7
5250	6.1	119.8	-43	14.9
5260	6.9	119.6	-43	18.3
5270	8.1	119.4	-43	21.5
5280	6.2	119.1	-43	31.1
5290	6.6	118.8	-42	35.1
5300	7.7	118.4	-42	39.1
5310	7.2	118.1	-42	43.6
5320	8.5	117.6	-41	48.1
5330	9.6	117.2	-41	52.9
5340	9.1	116.7	-40	53.2

5350	9.4	116.1	-40	52.4
5360	9.9	115.5	-39	56.9
5370	9.4	114.8	-38	61.4
5380	8.5	114.1	-38	66.0
5390	8.4	113.3	-37	78.2
5400	8.0	112.5	-36	82.7
5410	8.3	111.6	-35	87.0
5420	9.1	110.7	-34	91.8
5430	8.8	109.7	-33	96.9
5440	8.8	108.7	-32	101.4
5450	9.9	107.7	-31	106.2
5460	9.2	106.6	-30	111.8
5470	7.9	105.4	-29	116.8
5480	7.5	104.2	-28	121.1
5490	7.6	103.0	-27	125.1
5500	7.3	101.7	-25	128.8
5510	7.2	100.4	-24	132.5
5520	6.8	99.0	-23	136.3
5530	7.1	97.6	-21	140.0
5540	7.2	96.2	-20	143.4
5550	6.5	94.8	-18	146.9
5560	6.6	93.3	-17	150.1
5570	6.1	91.7	-15	153.3
5580	5.3	90.2	-14	156.5
5590	6.0	88.6	-12	158.6
5600	5.3	87.0	-11	161.5
5610	4.2	85.3	-9	163.9
5620	4.2	83.7	-7	165.8
5630	4.6	82.0	-6	167.4
5640	4.5	80.3	-4	169.3
5650	4.6	78.6	-2	171.1
5660	3.0	76.9	0	173.0
5670	2.8	75.2	1	174.3
5680	2.7	73.4	3	175.4
5690	2.0	71.6	5	175.9
5700	1.9	69.9	7	176.5
5710	8.4	68.3	8	145.3
5720	31.5	66.9	10	137.3
5730	23.6	65.9	11	94.5
5740	8.4	65.2	11	70.0
5750	10.6	64.6	12	57.5
5760	9.5	64.2	12	35.4
5770	6.1	63.9	13	29.5
5780	4.6	63.6	13	22.0
5790	0.8	63.4	13	16.2
5800	-0.1	63.3	13	10.9
5810	-0.3	63.2	13	10.1
5820	-0.7	63.1	13	6.6
5830	-9.5	63.1	13	5.3
5840	-7.2	63.1	13	-0.5
5850	-1.2	63.1	13	-2.9
5860	-2.2	63.1	13	-3.1
5870	-8.0	63.2	13	-5.0
5880	-4.5	63.3	13	-8.2

5890	-4.2	63.4	13	-11.7
5900	-8.0	63.5	13	-13.0
5910	-7.1	63.7	13	-19.9
5920	-6.5	63.9	13	-24.4
5930	-8.0	64.1	12	-25.5
5940	-8.4	64.4	12	-26.8
5950	-7.7	64.8	12	-31.1
5960	-8.3	65.1	11	-34.8
5970	-8.9	65.5	11	-39.1
5980	-8.4	66.0	10	-43.6
5990	-9.1	66.5	10	-47.6
6000	-9.5	67.1	9	-51.6
6010	-8.9	67.7	9	-56.4
6020	-9.1	68.4	8	-60.9
6030	-9.4	69.1	7	-65.2
6040	-9.4	69.9	7	-77.4
6050	-9.5	70.7	6	-82.5
6060	-9.2	71.6	5	-88.1
6070	-9.5	72.5	4	-92.9
6080	-9.9	73.4	3	-97.9
6090	-9.6	74.5	2	-103.5
6100	-8.8	75.5	1	-108.6
6110	-9.5	76.7	0	-113.4
6120	-9.6	77.8	-1	-118.4
6130	-8.8	79.1	-3	-123.2
6140	-8.7	80.3	-4	-128.5
6150	-8.4	81.6	-5	-132.8
6160	-8.1	83.0	-7	-137.3
6170	-8.4	84.4	-8	-141.3
6180	-7.9	85.9	-9	-145.6
6190	-9.1	87.3	-11	-149.8
6200	-8.4	88.9	-12	-154.4
6210	-7.3	90.4	-14	-158.6
6220	-7.7	92.1	-16	-162.1
6230	-7.1	93.7	-17	-166.3
6240	-8.4	95.4	-19	-169.8
6250	-7.1	97.1	-21	-173.5
6260	-8.3	98.9	-22	-174.6
6270	-9.5	100.6	-24	-174.3
6280	-8.4	102.4	-26	-174.6
6290	-7.9	104.1	-28	-174.3
6300	-9.2	105.9	-29	-174.3
6310	-9.4	107.6	-31	-174.6
6320	-6.9	109.3	-33	-174.6
6330	-7.5	111.1	-35	-174.3
6340	-7.9	112.8	-36	-174.3
6350	-9.4	114.6	-38	-187.1
6360	-32.8	115.9	-39	-134.4
6370	-36.5	117.1	-41	-111.8
6380	-19.3	117.8	-41	-76.4
6390	-13.3	118.5	-42	-61.7
6400	-17.8	118.9	-42	-43.1
6410	-15.5	119.3	-43	-32.4
6420	-8.4	119.5	-43	-21.2

6430	-7.3	119.7	-43	-19.4
6440	-6.0	119.9	-43	-13.3
6450	-2.2	120.0	-44	-8.7
6460	-0.3	120.0	-44	-7.7
6470	-0.4	120.1	-44	-5.3
6480	0.1	120.1	-44	-3.9
6490	0.0	120.2	-44	-3.1
6500	0.1	120.2	-44	-2.1
6510	0.4	120.2	-44	-1.8
6520	0.5	120.2	-44	-1.3
6530	4.2	120.2	-44	-0.5
6540	11.9	120.2	-44	2.1
6550	5.6	120.2	-44	6.3
6560	2.7	120.1	-44	9.0
6570	10.3	120.0	-44	10.9
6580	7.7	119.8	-43	18.6
6590	5.6	119.6	-43	23.9
6600	8.4	119.3	-43	27.4
6610	7.1	119.1	-43	32.2
6620	6.1	118.7	-42	36.7
6630	8.0	118.4	-42	40.7
6640	8.0	118.0	-42	45.5
6650	7.7	117.5	-41	50.3
6660	9.6	117.0	-41	54.8
6670	9.6	116.5	-40	60.4
6680	9.1	115.9	-39	66.2
6690	9.6	115.3	-39	71.8
6700	9.5	114.6	-38	77.4
6710	8.5	113.8	-37	83.3
6720	8.8	113.0	-37	80.3
6730	8.7	112.2	-36	85.1
6740	8.7	111.3	-35	89.9
6750	9.1	110.4	-34	94.5
6760	8.8	109.4	-33	99.5
6770	8.7	108.4	-32	104.3
6780	9.9	107.3	-31	109.1
6790	8.8	106.2	-30	114.2
6800	7.6	105.0	-29	119.0
6810	7.3	103.8	-27	123.2
6820	7.2	102.5	-26	126.9
6830	7.1	101.2	-25	130.7
6840	6.2	99.9	-23	134.4
6850	6.5	98.5	-22	137.3
6860	6.6	97.1	-21	140.5
6870	5.8	95.7	-19	144.2
6880	5.6	94.2	-18	146.9
6890	6.0	92.7	-16	149.6
6900	4.9	91.2	-15	152.2
6910	4.2	89.7	-13	154.6
6920	5.0	88.1	-12	156.5
6930	3.7	86.5	-10	158.4
6940	2.6	84.9	-8	160.0
6950	2.8	83.3	-7	160.7
6960	2.6	81.7	-5	162.1

6970	2.6	80.1	-4	162.9
6980	2.7	78.4	-2	163.4
6990	1.8	76.8	0	164.2
7000	1.6	75.2	1	164.5
7010	1.2	73.5	3	164.7
7020	1.2	71.9	5	164.7
7030	1.1	70.2	6	164.7
7040	1.4	68.6	8	173.5
7050	9.6	67.3	9	124.5
7060	28.7	66.3	10	87.8
7070	10.8	65.5	11	74.2
7080	0.0	64.9	12	55.9
7090	7.6	64.4	12	38.8
7100	5.0	64.1	12	33.2
7110	0.0	63.8	13	25.2
7120	-0.1	63.6	13	17.3
7130	-0.4	63.4	13	14.9
7140	-3.5	63.3	13	9.8
7150	-15.9	63.2	13	5.8
7160	-5.4	63.2	13	-1.8
7170	-3.7	63.3	13	-3.7
7180	-12.9	63.3	13	-7.1
7190	-8.7	63.4	13	-13.8
7200	-5.3	63.6	13	-19.4
7210	-9.9	63.8	13	-20.4
7220	-11.0	64.0	12	-23.1
7230	-6.8	64.3	12	-27.9
7240	-8.8	64.7	12	-31.6
7250	-11.8	65.1	11	-43.9
7260	-9.4	65.5	11	-50.8
7270	-9.4	66.0	10	-57.2
7280	-11.9	66.6	10	-56.9
7290	-11.4	67.2	9	-56.7
7300	-9.5	67.9	9	-62.0
7310	-10.2	68.6	8	-67.0
7320	-10.8	69.4	7	-72.1
7330	-9.2	70.3	6	-85.4
7340	-9.2	71.2	5	-90.7
7350	-9.9	72.1	4	-96.3
7360	-8.8	73.1	3	-101.1
7370	-8.8	74.2	2	-105.9
7380	-8.4	75.2	1	-110.7
7390	-8.4	76.4	0	-115.0
7400	-7.9	77.6	-1	-119.5
7410	-7.9	78.8	-2	-123.5
7420	-7.7	80.1	-4	-128.0
7430	-6.8	81.4	-5	-131.7
7440	-6.6	82.7	-6	-135.5
7450	-7.1	84.1	-8	-138.7
7460	-6.1	85.5	-9	-142.4
7470	-7.1	87.0	-11	-145.6
7480	-6.4	88.4	-12	-149.0
7490	-6.6	90.0	-14	-152.0
7500	-5.3	91.5	-15	-155.2

7510	-6.0	93.1	-17	-157.6
7520	-6.1	94.7	-18	-160.2
7530	-5.6	96.3	-20	-163.1
7540	-5.8	97.9	-21	-165.8
7550	-4.1	99.6	-23	-168.5
7560	-4.9	101.3	-25	-170.3
7570	-4.5	103.0	-27	-171.9
7580	-4.3	104.8	-28	-173.8
7590	-5.0	106.5	-30	-174.1
7600	-6.0	108.3	-32	-174.1
7610	-3.7	110.0	-34	-174.3
7620	-3.8	111.7	-35	-174.1
7630	-6.0	113.5	-37	-173.8
7640	-15.1	115.1	-39	-141.3
7650	-33.9	116.4	-40	-121.9
7660	-29.8	117.4	-41	-82.5
7670	-10.7	118.1	-42	-68.4
7680	-11.7	118.6	-42	-45.7
7690	-14.0	119.1	-43	-38.8
7700	-8.8	119.4	-43	-26.0
7710	-4.6	119.6	-43	-23.6
7720	-3.8	119.8	-43	-16.2
7730	-0.4	119.9	-43	-10.9
7740	0.0	120.0	-44	-10.1
7750	0.0	120.1	-44	-6.6
7760	0.3	120.1	-44	-4.5
7770	0.4	120.2	-44	-4.2
7780	1.6	120.2	-44	-3.1
7790	9.6	120.2	-44	-0.7
7800	4.3	120.2	-44	2.3
7810	0.7	120.2	-44	3.7
7820	6.8	120.1	-44	4.7
7830	7.5	120.1	-44	9.3
7840	5.7	119.9	-43	13.5
7850	6.5	119.8	-43	17.5
7860	7.6	119.6	-43	21.5
7870	6.9	119.4	-43	26.0
7880	6.5	119.1	-43	30.3
7890	6.6	118.8	-42	34.3
7900	6.8	118.5	-42	38.3
7910	7.2	118.1	-42	42.5
7920	8.1	117.7	-41	46.8
7930	8.5	117.2	-41	51.3
7940	8.5	116.7	-40	55.6
7950	8.5	116.2	-40	61.4
7960	8.7	115.6	-39	66.8
7970	7.9	114.9	-38	71.8
7980	7.9	114.2	-38	76.4
7990	7.6	113.5	-37	80.9
8000	7.3	112.7	-36	78.0
8010	7.2	111.9	-35	81.9
8020	7.6	111.1	-35	85.9
8030	7.9	110.2	-34	89.9
8040	7.6	109.3	-33	94.5

8050	7.3	108.3	-32	98.5
8060	8.3	107.3	-31	102.4
8070	7.2	106.2	-30	106.7
8080	6.5	105.1	-29	110.7
8090	6.1	104.0	-28	114.2
8100	6.2	102.8	-26	117.4
8110	6.2	101.6	-25	120.3
8120	5.7	100.4	-24	123.7
8130	6.1	99.1	-23	126.4
8140	6.8	97.9	-21	129.6
8150	6.5	96.5	-20	133.1
8160	5.6	95.2	-19	136.0
8170	6.0	93.8	-17	138.7
8180	6.0	92.4	-16	141.6
8190	4.6	91.0	-15	144.5
8200	4.7	89.5	-13	146.6
8210	5.4	88.0	-12	148.8
8220	4.3	86.5	-10	151.4
8230	4.3	85.0	-9	153.0
8240	4.5	83.4	-7	155.2
8250	3.9	81.9	-5	157.0
8260	4.3	80.3	-4	158.9
8270	4.5	78.7	-2	160.7
8280	2.7	77.1	-1	162.6
8290	2.8	75.4	1	163.7
8300	3.3	73.8	3	164.7
8310	2.0	72.1	4	165.5
8320	1.8	70.5	6	166.1
8330	2.0	68.8	8	179.1
8340	23.7	67.5	9	131.7
8350	25.2	66.4	10	91.0
8360	10.8	65.6	11	76.9
8370	8.0	64.9	12	58.8
8380	8.4	64.4	12	44.7
8390	5.6	64.1	12	34.3
8400	2.7	63.8	13	25.8
8410	0.1	63.6	13	19.9
8420	-0.3	63.4	13	13.3
8430	-0.4	63.3	13	11.4
8440	-3.1	63.2	13	7.9
8450	-13.4	63.2	13	3.9
8460	-4.6	63.2	13	-1.5
8470	-1.4	63.2	13	-2.9
8480	-10.0	63.2	13	-4.2
8490	-7.9	63.3	13	-8.5
8500	-3.8	63.5	13	-14.9
8510	-7.3	63.6	13	-17.5
8520	-8.0	63.8	13	-21.5
8530	-5.4	64.0	12	-26.6
8540	-6.5	64.3	12	-27.1
8550	-8.5	64.6	12	-27.4
8560	-7.1	64.9	12	-35.1
8570	-7.6	65.3	11	-35.1
8580	-9.1	65.7	11	-47.6

8590	-8.8	66.2	10	-52.9
8600	-8.5	66.7	10	-58.3
8610	-9.2	67.3	9	-63.0
8620	-9.5	67.9	9	-68.4
8630	-8.5	68.6	8	-74.2
8640	-8.7	69.3	7	-79.3
8650	-9.2	70.0	6	-84.3
8660	-9.2	70.8	6	-81.4
8670	-8.4	71.7	5	-86.7
8680	-8.7	72.6	4	-91.3
8690	-8.7	73.5	3	-95.5
8700	-8.8	74.5	2	-100.8
8710	-8.1	75.6	1	-105.4
8720	-8.7	76.7	0	-109.6
8730	-8.5	77.8	-1	-114.4
8740	-7.6	79.0	-3	-118.7
8750	-7.7	80.2	-4	-123.2
8760	-7.3	81.5	-5	-126.9
8770	-6.9	82.8	-6	-130.7
8780	-6.8	84.1	-8	-134.1
8790	-6.4	85.5	-9	-137.9
8800	-7.3	86.9	-10	-141.0
8810	-5.8	88.3	-12	-144.5
8820	-6.2	89.8	-13	-147.4
8830	-5.3	91.3	-15	-150.6
8840	-5.3	92.8	-16	-153.0
8850	-4.6	94.3	-18	-155.4
8860	-5.3	95.9	-19	-157.6
8870	-5.0	97.5	-21	-159.7
8880	-2.4	99.1	-23	-161.8
8890	-3.0	100.7	-24	-162.9
8900	-3.0	102.4	-26	-163.4
8910	-2.0	104.0	-28	-164.2
8920	-1.8	105.7	-29	-164.7
8930	-1.9	107.3	-31	-165.3
8940	-1.6	109.0	-33	-165.5
8950	-1.6	110.6	-34	-165.8
8960	-1.8	112.3	-36	-166.1
8970	-1.8	113.9	-37	-166.1
8980	-19.3	115.4	-39	-140.5
8990	-31.2	116.6	-40	-119.8
9000	-22.0	117.4	-41	-83.5
9010	-7.2	118.1	-42	-55.9
9020	-9.9	118.6	-42	-47.6
9030	-11.0	119.0	-43	-40.4
9040	-7.1	119.3	-43	-28.2
9050	-4.3	119.5	-43	-19.1
9060	-0.9	119.7	-43	-17.5
9070	0.0	119.8	-43	-11.9
9080	0.0	119.9	-43	-8.5
9090	0.3	120.0	-44	-6.6
9100	1.1	120.1	-44	-5.8
9110	12.3	120.1	-44	-3.1
9120	5.8	120.1	-44	1.5

9130	0.9	120.1	-44	4.2
9140	6.0	120.0	-44	4.5
9150	8.3	119.9	-43	8.7
9160	5.7	119.8	-43	14.1
9170	6.9	119.7	-43	17.5
9180	9.1	119.5	-43	21.8
9190	8.3	119.3	-43	27.1
9200	7.7	119.0	-43	32.2
9210	8.3	118.6	-42	37.0
9220	7.9	118.3	-42	42.0
9230	7.7	117.9	-41	46.5
9240	8.4	117.4	-41	51.6
9250	8.9	116.9	-40	56.7
9260	9.1	116.3	-40	61.7
9270	9.4	115.7	-39	67.3
9280	9.9	115.1	-39	72.9
9290	9.5	114.4	-38	78.8
9300	9.8	113.6	-37	84.6
9310	9.2	112.8	-36	81.9
9320	8.4	112.0	-36	87.3
9330	9.1	111.1	-35	92.3
9340	9.1	110.1	-34	97.4
9350	8.5	109.1	-33	102.2
9360	9.2	108.0	-32	107.0
9370	9.6	106.9	-30	112.0
9380	8.9	105.8	-29	117.1
9390	8.7	104.6	-28	121.9
9400	8.5	103.3	-27	126.7
9410	8.4	102.0	-26	130.9
9420	8.3	100.7	-24	135.5
9430	7.5	99.3	-23	139.5
9440	7.6	97.9	-21	143.4
9450	7.5	96.4	-20	147.2
9460	6.2	94.9	-18	151.2
9470	6.8	93.4	-17	154.1
9480	6.9	91.8	-15	157.6
9490	5.8	90.2	-14	160.5
9500	6.8	88.6	-12	163.4
9510	5.7	86.9	-10	166.6
9520	4.7	85.2	-9	169.5
9530	4.7	83.5	-7	171.4
9540	4.7	81.8	-5	173.5
9550	4.6	80.0	-4	175.4
9560	4.6	78.3	-2	177.8
9570	3.4	76.5	0	179.1
9580	4.2	74.7	2	179.1
9590	3.4	72.9	4	179.4
9600	2.4	71.1	5	179.4
9610	2.4	69.4	7	161.3
9620	20.6	67.8	9	135.2
9630	32.3	66.5	10	125.9
9640	18.4	65.6	11	85.4
9650	8.8	64.9	12	62.8
9660	10.3	64.4	12	47.1

9670	8.8	64.0	12	31.1
9680	6.0	63.8	13	25.8
9690	3.8	63.6	13	19.1
9700	-0.1	63.4	13	13.8
9710	-0.1	63.3	13	9.3
9720	-0.3	63.2	13	8.7
9730	-0.7	63.1	13	5.5
9740	-8.5	63.1	13	4.2
9750	-5.4	63.1	13	-0.5
9760	0.4	63.1	13	-1.8
9770	-0.8	63.1	13	-1.8
9780	-6.0	63.2	13	-2.6
9790	-2.6	63.2	13	-6.1
9800	-2.3	63.3	13	-7.1
9810	-5.0	63.4	13	-7.4
9820	-3.7	63.5	13	-9.8
9830	-3.7	63.6	13	-11.7
9840	-4.9	63.7	13	-13.3
9850	-4.3	63.9	13	-19.4
9860	-4.1	64.1	12	-21.8
9870	-5.8	64.3	12	-24.4
9880	-6.1	64.6	12	-25.2
9890	-5.8	64.8	12	-31.4
9900	-7.1	65.1	11	-31.6
9910	-7.7	65.5	11	-31.9
9920	-7.2	65.9	11	-35.6
9930	-7.7	66.3	10	-39.4
9940	-8.3	66.8	10	-43.1
9950	-8.0	67.3	9	-47.1
9960	-8.4	67.8	9	-50.8
9970	-9.1	68.4	8	-55.1
9980	-9.1	69.1	7	-59.6
9990	-9.1	69.8	7	-63.8
10000	-9.9	70.6	6	-75.8
10010	-9.5	71.4	5	-81.1
10020	-8.5	72.2	4	-86.7
10030	-8.9	73.1	3	-91.3
10040	-8.9	74.1	2	-96.3
10050	-7.6	75.1	1	-101.1
10060	-8.0	76.1	0	-105.1
10070	-8.1	77.2	-1	-109.4
10080	-7.7	78.3	-2	-113.6
10090	-7.3	79.5	-3	-117.6
10100	-7.1	80.7	-4	-121.3
10110	-6.5	81.9	-5	-124.8
10120	-5.8	83.2	-7	-128.5
10130	-6.0	84.5	-8	-131.2
10140	-4.7	85.8	-9	-134.1
10150	-5.3	87.2	-11	-136.3
10160	-4.5	88.6	-12	-138.9
10170	-4.1	90.0	-14	-140.8
10180	-3.8	91.4	-15	-142.6
10190	-3.8	92.8	-16	-144.0
10200	-3.7	94.3	-18	-145.6

10210	-3.9	95.8	-19	-147.2
10220	-3.9	97.3	-21	-148.5
10230	-2.8	98.7	-22	-150.1
10240	-3.1	100.3	-24	-151.2
10250	-3.4	101.8	-25	-152.5
10260	-3.3	103.3	-27	-153.6
10270	-3.1	104.9	-28	-154.9
10280	-3.5	106.4	-30	-156.0
10290	-3.9	108.0	-32	-157.3
10300	-2.0	109.6	-33	-158.9
10310	-2.6	111.2	-35	-159.7
10320	-3.3	112.8	-36	-160.5
10330	-3.5	114.4	-38	-174.1
10340	-24.8	115.7	-39	-128.5
10350	-28.5	116.8	-40	-109.9
10360	-14.4	117.6	-41	-77.2
10370	-9.2	118.2	-42	-64.4
10380	-11.7	118.7	-42	-45.5
10390	-9.4	119.1	-43	-38.8
10400	-4.9	119.3	-43	-27.1
10410	-2.2	119.6	-43	-18.6
10420	0.5	119.7	-43	-17.3
10430	0.0	119.9	-43	-12.5
10440	0.1	120.0	-44	-8.5
10450	1.8	120.0	-44	-7.7
10460	15.3	120.1	-44	-3.7
10470	6.1	120.1	-44	2.3
10480	1.5	120.0	-44	4.2
10490	9.6	120.0	-44	5.3
10500	7.7	119.9	-43	11.4
10510	5.6	119.7	-43	16.5
10520	9.1	119.6	-43	20.4
10530	10.0	119.3	-43	25.5
10540	8.8	119.1	-43	28.4
10550	9.8	118.8	-42	30.3
10560	10.3	118.4	-42	34.8
10570	9.2	118.0	-42	40.7
10580	10.2	117.5	-41	44.7
10590	10.6	116.9	-40	49.5
10600	9.8	116.3	-40	54.8
10610	10.4	115.7	-39	59.6
10620	11.4	115.0	-39	64.6
10630	10.8	114.2	-38	70.2
10640	11.4	113.4	-37	84.1
10650	11.4	112.5	-36	90.2
10660	10.4	111.5	-35	96.6
10670	11.3	110.5	-34	102.2
10680	10.4	109.4	-33	108.6
10690	9.6	108.3	-32	114.4
10700	10.7	107.1	-31	119.5
10710	10.2	105.9	-29	125.3
10720	9.2	104.6	-28	130.7
10730	9.5	103.3	-27	135.5
10740	9.8	101.9	-25	140.5

10750	9.4	100.4	-24	145.6
10760	8.8	98.9	-22	150.4
10770	8.7	97.4	-21	155.2
10780	7.9	95.8	-19	159.7
10790	7.1	94.2	-18	163.7
10800	8.1	92.5	-16	167.1
10810	6.8	90.8	-14	170.9
10820	6.5	89.1	-13	174.3
10830	7.2	87.3	-11	177.5
10840	6.8	85.5	-9	178.9
10850	6.9	83.7	-7	179.1
10860	7.2	81.9	-5	179.7
10870	6.5	80.1	-4	179.4
10880	6.0	78.3	-2	179.7
10890	4.5	76.6	0	179.4
10900	4.3	74.8	2	179.7
10910	3.1	73.0	3	179.4
10920	2.3	71.2	5	179.4
10930	1.8	69.4	7	176.7
10940	18.4	67.8	9	168.2
10950	31.5	66.6	10	117.6
10960	18.8	65.6	11	87.3
10970	7.5	64.9	12	58.0
10980	8.8	64.4	12	48.4
10990	7.9	64.0	12	32.2
11000	4.5	63.7	13	26.6
11010	1.6	63.5	13	19.7
11020	-0.3	63.3	13	15.7
11030	-0.3	63.2	13	11.1
11040	-1.2	63.1	13	8.7
11050	-14.2	63.1	13	5.3
11060	-7.2	63.1	13	-1.5
11070	-0.4	63.1	13	-4.2
11080	-6.2	63.2	13	-4.5
11090	-7.6	63.2	13	-6.9
11100	-3.3	63.3	13	-13.0
11110	-3.9	63.5	13	-15.7
11120	-7.2	63.6	13	-18.1
11130	-5.6	63.8	13	-21.8
11140	-5.4	64.1	12	-25.5
11150	-7.5	64.3	12	-26.0
11160	-6.9	64.6	12	-26.6
11170	-6.5	64.9	12	-30.0
11180	-7.5	65.3	11	-33.5
11190	-7.2	65.7	11	-37.0
11200	-6.6	66.1	10	-40.7
11210	-7.9	66.6	10	-43.9
11220	-8.1	67.1	9	-47.6
11230	-7.5	67.7	9	-51.3
11240	-8.1	68.3	8	-55.1
11250	-8.3	68.9	8	-59.3
11260	-7.6	69.6	7	-68.9
11270	-7.7	70.4	6	-74.2
11280	-7.9	71.1	5	-78.2

11290	-6.9	72.0	4	-82.7
11300	-7.2	72.8	4	-86.5
11310	-7.3	73.7	3	-90.2
11320	-6.8	74.6	2	-94.5
11330	-6.2	75.6	1	-97.7
11340	-7.1	76.6	0	-101.1
11350	-6.4	77.7	-1	-105.1
11360	-5.7	78.7	-2	-108.0
11370	-6.2	79.8	-3	-111.2
11380	-5.3	81.0	-5	-114.2
11390	-4.9	82.1	-6	-116.8
11400	-5.4	83.3	-7	-119.5
11410	-5.2	84.5	-8	-121.6
11420	-4.2	85.8	-9	-124.3
11430	-5.6	87.0	-11	-126.1
11440	-4.5	88.3	-12	-129.1
11450	-4.1	89.6	-13	-131.2
11460	-4.2	90.9	-14	-133.3
11470	-4.7	92.3	-16	-135.2
11480	-3.9	93.7	-17	-137.6
11490	-4.3	95.0	-19	-138.9
11500	-4.5	96.4	-20	-140.8
11510	-4.2	97.9	-21	-142.6
11520	-3.1	99.3	-23	-144.5
11530	-4.3	100.8	-24	-145.8
11540	-4.1	102.2	-26	-147.4
11550	-3.0	103.7	-27	-149.0
11560	-4.3	105.2	-29	-150.6
11570	-4.3	106.8	-30	-152.2
11580	-3.7	108.3	-32	-154.1
11590	-2.6	109.8	-33	-155.4
11600	-3.4	111.4	-35	-156.2
11610	-3.9	113.0	-37	-157.8
11620	-5.3	114.5	-38	-138.4
11630	-27.9	115.8	-39	-134.1
11640	-29.7	116.8	-40	-96.3
11650	-12.6	117.6	-41	-80.9
11660	-11.3	118.2	-42	-56.7
11670	-15.1	118.7	-42	-48.4
11680	-11.4	119.0	-43	-34.3
11690	-6.5	119.3	-43	-23.4
11700	-6.1	119.5	-43	-22.0
11710	-4.3	119.7	-43	-15.7
11720	-1.5	119.8	-43	-10.9
11730	-0.9	119.9	-43	-10.1
11740	-0.9	120.0	-44	-7.1
11750	0.1	120.1	-44	-5.3
11760	0.0	120.1	-44	-3.7
11770	0.3	120.1	-44	-2.9
11780	0.5	120.2	-44	-2.3
11790	0.8	120.2	-44	-1.5
11800	11.5	120.2	-44	-0.5
11810	8.8	120.2	-44	3.7
11820	3.4	120.1	-44	7.1

11830	6.4	120.0	-44	8.7
11840	9.2	119.9	-43	14.6
11850	6.4	119.7	-43	20.2
11860	6.5	119.5	-43	21.8
11870	8.5	119.2	-43	28.2
11880	6.6	119.0	-43	30.0
11890	6.8	118.6	-42	30.3
11900	8.3	118.3	-42	34.0
11910	7.3	117.9	-41	37.8
11920	8.3	117.4	-41	41.7
11930	9.6	116.9	-40	45.5
11940	8.8	116.4	-40	50.3
11950	8.7	115.8	-39	54.5
11960	9.1	115.1	-39	58.8
11970	7.9	114.5	-38	63.0
11980	7.7	113.7	-37	67.0
11990	8.0	112.9	-36	78.5
12000	7.3	112.1	-36	83.0
12010	7.2	111.2	-35	87.0
12020	7.7	110.3	-34	91.3
12030	7.6	109.4	-33	95.5
12040	8.1	108.4	-32	99.5
12050	8.1	107.4	-31	103.8
12060	7.1	106.3	-30	108.0
12070	7.1	105.2	-29	112.0
12080	6.5	104.0	-28	115.8
12090	6.4	102.8	-26	119.0
12100	6.2	101.6	-25	122.1
12110	6.2	100.4	-24	125.6
12120	6.1	99.1	-23	128.8
12130	6.8	97.8	-21	132.0
12140	7.2	96.4	-20	134.9
12150	6.1	95.1	-19	138.9
12160	6.1	93.7	-17	141.8
12170	6.6	92.2	-16	144.8
12180	5.3	90.7	-14	147.7
12190	5.3	89.2	-13	150.6
12200	6.2	87.7	-11	153.0
12210	5.2	86.2	-10	156.0
12220	5.2	84.6	-8	158.6
12230	6.0	83.0	-7	161.0
12240	5.0	81.4	-5	163.4
12250	5.6	79.7	-3	165.8
12260	5.6	78.0	-2	168.2
12270	3.7	76.3	0	170.6
12280	4.7	74.6	2	172.5
12290	4.3	72.9	4	174.3
12300	3.5	71.1	5	176.2
12310	4.3	69.3	7	174.6
12320	22.1	67.8	9	151.7
12330	35.0	66.6	10	103.5
12340	21.2	65.6	11	85.9
12350	11.3	65.0	11	63.8
12360	12.9	64.4	12	43.1

12370	10.7	64.0	12	35.9
12380	6.9	63.8	13	26.3
12390	4.3	63.5	13	17.5
12400	0.1	63.4	13	14.3
12410	-0.1	63.3	13	11.7
12420	-0.3	63.2	13	8.2
12430	-0.9	63.1	13	5.3
12440	-12.9	63.1	13	3.9
12450	-4.5	63.1	13	-2.1
12460	0.3	63.1	13	-3.7
12470	-4.6	63.1	13	-3.7
12480	-6.2	63.2	13	-6.3
12490	-3.3	63.3	13	-9.0
12500	-5.2	63.4	13	-10.1
12510	-8.1	63.5	13	-12.7
12520	-6.8	63.7	13	-16.5
12530	-8.1	63.9	13	-19.7
12540	-9.6	64.2	12	-29.2
12550	-8.9	64.5	12	-34.6
12560	-9.4	64.8	12	-39.9
12570	-10.4	65.2	11	-45.5
12580	-10.2	65.7	11	-51.9
12590	-10.6	66.2	10	-58.5
12600	-12.1	66.7	10	-59.1
12610	-12.2	67.4	9	-58.5
12620	-11.8	68.1	8	-64.4
12630	-12.6	68.8	8	-70.5
12640	-12.5	69.7	7	-76.6
12650	-12.6	70.6	6	-91.3
12660	-12.2	71.6	5	-98.7
12670	-12.3	72.6	4	-105.6
12680	-12.6	73.7	3	-112.3
12690	-12.6	74.9	2	-119.5
12700	-12.5	76.1	0	-126.1
12710	-12.7	77.5	-1	-133.1
12720	-13.0	78.8	-2	-139.7
12730	-12.1	80.3	-4	-147.2
12740	-11.0	81.8	-5	-153.3
12750	-11.0	83.4	-7	-159.4
12760	-11.0	85.0	-9	-165.0
12770	-10.6	86.7	-10	-170.6
12780	-10.6	88.5	-12	-174.6
12790	-14.1	90.2	-14	-174.9
12800	-13.0	92.0	-16	-174.9
12810	-10.7	93.7	-17	-174.9
12820	-12.5	95.5	-19	-174.6
12830	-12.3	97.2	-21	-174.9
12840	-10.4	99.0	-23	-174.6
12850	-9.5	100.7	-24	-174.6
12860	-8.8	102.5	-26	-174.3
12870	-8.5	104.2	-28	-174.6
12880	-8.1	105.9	-29	-174.3
12890	-8.3	107.7	-31	-174.3
12900	-6.4	109.4	-33	-174.6

12910	-6.8	111.2	-35	-174.3
12920	-6.6	112.9	-36	-174.3
12930	-8.4	114.6	-38	-185.5
12940	-32.0	116.0	-40	-132.5
12950	-33.8	117.1	-41	-110.2
12960	-14.4	117.9	-41	-75.3
12970	-9.5	118.5	-42	-60.4
12980	-14.0	118.9	-42	-42.0
12990	-9.2	119.3	-43	-34.6
13000	-1.8	119.5	-43	-23.1
13010	-0.1	119.7	-43	-15.4
13020	0.3	119.9	-43	-14.3
13030	0.1	120.0	-44	-10.6
13040	0.8	120.0	-44	-7.4
13050	13.8	120.1	-44	-3.9
13060	9.5	120.1	-44	1.5
13070	0.5	120.0	-44	6.3
13080	4.6	120.0	-44	6.9
13090	9.6	119.9	-43	8.7
13100	4.6	119.8	-43	12.2
13110	4.5	119.6	-43	14.9
13120	9.6	119.4	-43	17.3
13130	7.3	119.2	-43	21.8
13140	7.3	118.9	-42	25.5
13150	9.8	118.6	-42	29.2
13160	8.5	118.3	-42	33.8
13170	7.6	117.8	-41	46.5
13180	8.8	117.4	-41	51.3
13190	8.3	116.9	-40	56.4
13200	7.6	116.3	-40	55.6
13210	8.7	115.7	-39	65.7
13220	8.8	115.1	-39	71.0
13230	8.4	114.4	-38	76.4
13240	9.4	113.7	-37	73.7
13250	9.4	112.9	-36	79.0
13260	8.8	112.1	-36	84.3
13270	8.9	111.2	-35	89.1
13280	8.8	110.3	-34	94.2
13290	8.1	109.3	-33	99.0
13300	8.0	108.3	-32	103.2
13310	8.5	107.2	-31	107.5
13320	7.9	106.1	-30	112.3
13330	7.6	104.9	-28	116.6
13340	7.6	103.7	-27	120.5
13350	7.9	102.5	-26	124.5
13360	8.0	101.2	-25	128.8
13370	6.9	99.9	-23	132.8
13380	6.9	98.5	-22	136.5
13390	7.1	97.2	-21	139.7
13400	5.8	95.7	-19	143.4
13410	5.6	94.3	-18	146.4
13420	6.8	92.8	-16	149.3
13430	5.8	91.3	-15	152.2
13440	5.3	89.7	-13	154.9

13450	6.8	88.2	-12	157.6
13460	5.3	86.6	-10	160.7
13470	5.2	84.9	-8	163.1
13480	5.4	83.3	-7	165.5
13490	4.5	81.6	-5	168.2
13500	4.7	79.9	-3	169.8
13510	5.2	78.2	-2	171.9
13520	3.5	76.5	0	174.1
13530	4.1	74.7	2	175.7
13540	4.2	72.9	4	177.3
13550	3.1	71.2	5	178.6
13560	4.5	69.4	7	178.9
13570	21.6	67.8	9	153.8
13580	34.2	66.6	10	105.1
13590	20.7	65.6	11	87.0
13600	10.8	64.9	12	64.4
13610	13.4	64.4	12	43.3
13620	11.5	64.0	12	36.2
13630	6.6	63.7	13	26.3
13640	5.8	63.5	13	17.8
13650	2.4	63.3	13	14.6
13660	-0.1	63.2	13	10.6
13670	0.0	63.1	13	6.9
13680	0.0	63.1	13	6.6
13690	-0.3	63.0	13	4.2
13700	-0.5	63.0	13	2.9
13710	-1.4	63.0	13	2.9
13720	-6.1	63.0	13	1.3
13730	-1.9	63.0	13	-1.0
13740	-0.3	63.0	13	-1.3
13750	-4.6	63.0	13	-2.1
13760	-3.7	63.0	13	-4.5
13770	-2.4	63.1	13	-6.6
13780	-4.2	63.2	13	-8.2
13790	-4.1	63.2	13	-10.6
13800	-3.1	63.4	13	-12.7
13810	-4.7	63.5	13	-15.1
13820	-5.7	63.6	13	-18.1
13830	-5.7	63.8	13	-20.7
13840	-7.3	64.0	12	-24.7
13850	-9.2	64.3	12	-26.0
13860	-9.8	64.6	12	-27.9
13870	-9.9	64.9	12	-33.2
13880	-10.8	65.3	11	-37.8
13890	-11.0	65.8	11	-43.1
13900	-10.8	66.3	10	-48.7
13910	-11.1	66.9	10	-53.7
13920	-11.5	67.6	9	-59.1
13930	-12.1	68.3	8	-64.6
13940	-12.3	69.0	7	-70.8
13950	-12.5	69.9	7	-76.9
13960	-14.0	70.8	6	-92.1
13970	-13.3	71.8	5	-100.0
13980	-12.3	72.8	4	-107.0

13990	-12.9	74.0	2	-113.9
14000	-12.3	75.2	1	-121.1
14010	-11.8	76.4	0	-127.5
14020	-12.1	77.7	-1	-134.4
14030	-12.5	79.1	-3	-140.8
14040	-11.3	80.6	-4	-148.0
14050	-10.8	82.1	-6	-153.8
14060	-11.5	83.7	-7	-159.7
14070	-11.3	85.3	-9	-165.5
14080	-11.5	87.0	-11	-171.4
14090	-12.2	88.8	-12	-174.6
14100	-14.0	90.5	-14	-175.1
14110	-13.0	92.3	-16	-174.9
14120	-10.3	94.0	-18	-174.9
14130	-12.7	95.8	-19	-174.9
14140	-12.6	97.5	-21	-174.6
14150	-9.8	99.3	-23	-174.9
14160	-9.8	101.0	-25	-174.6
14170	-9.6	102.8	-26	-174.3
14180	-8.5	104.5	-28	-174.6
14190	-7.2	106.3	-30	-174.3
14200	-6.8	108.0	-32	-174.6
14210	-4.3	109.8	-33	-174.3
14220	-3.5	111.5	-35	-174.1
14230	-3.5	113.2	-37	-173.8
14240	-8.0	114.8	-38	-163.9
14250	-31.5	116.2	-40	-112.8
14260	-29.3	117.2	-41	-95.8
14270	-7.3	118.0	-42	-63.8
14280	-6.2	118.6	-42	-52.9
14290	-8.0	119.0	-43	-44.1
14300	-3.5	119.3	-43	-30.3
14310	0.1	119.6	-43	-20.2
14320	0.0	119.8	-43	-18.6
14330	0.3	119.9	-43	-13.0
14340	2.3	120.0	-44	-8.7
14350	16.3	120.1	-44	-4.2
14360	6.6	120.0	-44	2.3
14370	-0.1	120.0	-44	4.7
14380	10.4	119.9	-43	5.0
14390	7.2	119.9	-43	10.9
14400	3.1	119.7	-43	15.9
14410	6.8	119.6	-43	18.1
14420	7.9	119.4	-43	22.0
14430	6.4	119.1	-43	24.2
14440	7.9	118.9	-42	30.6
14450	9.2	118.5	-42	35.4
14460	8.0	118.2	-42	40.9
14470	8.0	117.8	-41	45.7
14480	8.5	117.3	-41	50.5
14490	7.2	116.8	-40	55.6
14500	7.3	116.3	-40	60.1
14510	7.7	115.7	-39	64.1
14520	7.6	115.1	-39	69.2

14530	7.7	114.4	-38	73.4
14540	8.9	113.7	-37	78.2
14550	8.7	113.0	-37	75.8
14560	8.4	112.2	-36	80.6
14570	9.1	111.4	-35	85.1
14580	8.7	110.5	-34	89.9
14590	7.3	109.5	-33	94.7
14600	8.1	108.6	-32	98.7
14610	8.5	107.5	-31	103.2
14620	7.7	106.5	-30	107.5
14630	7.6	105.4	-29	111.8
14640	8.0	104.2	-28	115.8
14650	8.3	103.0	-27	120.0
14660	8.3	101.8	-25	124.3
14670	8.0	100.5	-24	128.8
14680	7.5	99.2	-23	132.8
14690	8.0	97.8	-21	136.8
14700	7.6	96.4	-20	140.8
14710	6.0	95.0	-19	144.5
14720	7.6	93.5	-17	147.7
14730	7.3	92.0	-16	151.2
14740	6.1	90.5	-14	154.6
14750	7.1	88.9	-12	157.8
14760	7.5	87.3	-11	161.3
14770	5.7	85.7	-9	164.7
14780	5.6	84.0	-8	167.7
14790	6.1	82.3	-6	170.3
14800	5.2	80.6	-4	172.7
14810	5.3	78.8	-2	175.1
14820	4.5	77.1	-1	177.3
14830	4.1	75.3	1	178.9
14840	5.0	73.5	3	179.4
14850	4.6	71.7	5	179.1
14860	4.3	69.9	7	179.4
14870	12.5	68.3	8	147.7
14880	33.9	66.9	10	140.0
14890	26.4	65.9	11	95.8
14900	11.1	65.1	11	70.8
14910	12.3	64.5	12	52.9
14920	11.9	64.1	12	35.4
14930	7.7	63.8	13	29.2
14940	6.2	63.6	13	21.8
14950	1.8	63.4	13	17.5
14960	-0.3	63.3	13	11.9
14970	0.0	63.2	13	9.5
14980	-0.1	63.1	13	6.6
14990	-0.1	63.0	13	4.2
15000	-0.5	63.0	13	3.7
15010	-1.4	63.0	13	2.6
15020	-7.3	63.0	13	1.0
15030	-1.2	63.0	13	-1.3
15040	-0.8	63.0	13	-1.3
15050	-5.8	63.0	13	-2.6
15060	-3.9	63.0	13	-5.0

15070	-3.5	63.1	13	-6.3
15080	-5.4	63.2	13	-8.5
15090	-5.2	63.3	13	-10.9
15100	-4.6	63.4	13	-13.5
15110	-6.5	63.6	13	-15.9
15120	-7.2	63.8	13	-18.9
15130	-7.1	64.0	12	-22.6
15140	-9.2	64.3	12	-26.0
15150	-10.6	64.6	12	-30.3
15160	-10.6	65.0	11	-43.3
15170	-11.0	65.5	11	-49.7
15180	-11.8	66.0	10	-56.7
15190	-11.8	66.6	10	-63.8
15200	-10.8	67.2	9	-70.5
15210	-11.3	67.9	9	-76.9
15220	-12.1	68.6	8	-83.8
15230	-11.8	69.4	7	-91.0
15240	-12.2	70.3	6	-97.9
15250	-13.6	71.2	5	-96.1
15260	-13.0	72.3	4	-103.8
15270	-12.5	73.4	3	-110.4
15280	-13.2	74.5	2	-117.6
15290	-12.1	75.7	1	-124.5
15300	-11.8	77.0	-1	-131.2
15310	-12.1	78.4	-2	-137.6
15320	-11.5	79.8	-3	-143.7
15330	-10.3	81.3	-5	-150.1
15340	-10.4	82.9	-6	-155.7
15350	-11.0	84.5	-8	-161.0
15360	-10.3	86.1	-10	-166.9
15370	-10.3	87.8	-11	-172.5
15380	-12.7	89.6	-13	-174.6
15390	-12.9	91.3	-15	-175.4
15400	-12.1	93.1	-17	-174.9
15410	-10.8	94.8	-18	-174.6
15420	-11.4	96.6	-20	-174.9
15430	-11.9	98.3	-22	-174.6
15440	-9.5	100.1	-24	-174.6
15450	-9.1	101.8	-25	-174.6
15460	-9.6	103.5	-27	-174.3
15470	-9.1	105.3	-29	-174.6
15480	-8.4	107.0	-31	-174.9
15490	-7.5	108.8	-32	-174.6
15500	-6.4	110.5	-34	-174.3
15510	-5.0	112.3	-36	-174.3
15520	-5.6	113.9	-37	-156.8
15530	-23.1	115.5	-39	-130.7
15540	-33.1	116.7	-40	-112.3
15550	-21.6	117.6	-41	-75.3
15560	-6.6	118.3	-42	-67.8
15570	-9.2	118.8	-42	-46.8
15580	-8.7	119.2	-43	-35.6
15590	-1.6	119.4	-43	-23.6
15600	0.1	119.7	-43	-21.5

15610	0.1	119.8	-43	-14.6
15620	0.5	119.9	-43	-10.1
15630	12.5	120.0	-44	-8.5
15640	11.7	120.1	-44	-0.7
15650	3.8	120.0	-44	4.5
15660	3.3	120.0	-44	6.6
15670	11.0	119.9	-43	7.9
15680	6.1	119.8	-43	12.5
15690	4.1	119.6	-43	15.7
15700	10.0	119.4	-43	18.1
15710	8.0	119.2	-43	22.3
15720	7.6	118.9	-42	32.2
15730	10.0	118.6	-42	37.0
15740	9.2	118.2	-42	42.8
15750	8.7	117.8	-41	48.7
15760	10.0	117.3	-41	54.3
15770	9.2	116.7	-40	59.9
15780	7.6	116.2	-40	65.2
15790	8.5	115.5	-39	70.0
15800	8.4	114.9	-38	75.0
15810	8.3	114.1	-38	79.8
15820	9.4	113.4	-37	84.9
15830	9.4	112.6	-36	81.9
15840	9.1	111.7	-35	87.3
15850	9.1	110.8	-34	92.3
15860	8.5	109.8	-33	97.1
15870	7.9	108.8	-32	101.9
15880	8.3	107.8	-31	105.9
15890	7.9	106.7	-30	110.7
15900	7.1	105.6	-29	115.0
15910	7.1	104.4	-28	118.4
15920	8.0	103.2	-27	122.1
15930	8.0	101.9	-25	126.1
15940	7.9	100.6	-24	130.7
15950	7.7	99.3	-23	134.4
15960	8.0	97.9	-21	138.4
15970	7.9	96.5	-20	142.6
15980	6.0	95.0	-19	146.4
15990	7.1	93.6	-17	149.3
16000	7.2	92.0	-16	152.8
16010	6.0	90.5	-14	156.0
16020	6.5	88.9	-12	159.2
16030	7.2	87.3	-11	162.1
16040	6.1	85.6	-9	165.8
16050	6.1	83.9	-7	169.0
16060	6.8	82.2	-6	171.7
16070	6.2	80.5	-4	174.6
16080	6.1	78.7	-2	177.8
16090	6.1	76.9	0	179.1
16100	6.5	75.1	1	179.4
16110	6.2	73.3	3	179.4
16120	5.6	71.6	5	179.4
16130	6.0	69.9	7	161.5
16140	16.3	68.2	8	144.8

16150	35.5	66.8	10	136.3
16160	26.6	65.8	11	92.9
16170	11.9	65.1	11	68.4
16180	11.5	64.5	12	50.8
16190	11.5	64.1	12	33.8
16200	8.0	63.8	13	27.9
16210	4.7	63.6	13	20.7
16220	0.5	63.4	13	16.5
16230	-0.1	63.3	13	11.1
16240	-0.1	63.2	13	7.4
16250	-0.5	63.1	13	6.6
16260	-2.3	63.1	13	4.5
16270	-11.7	63.1	13	1.0
16280	-1.9	63.1	13	-2.6
16290	0.0	63.1	13	-2.9
16300	-6.8	63.2	13	-3.4
16310	-5.3	63.2	13	-6.1
16320	-3.5	63.3	13	-8.2
16330	-6.0	63.4	13	-10.3
16340	-7.2	63.6	13	-13.3
16350	-6.4	63.7	13	-16.7
16360	-7.6	63.9	13	-19.9
16370	-8.7	64.2	12	-28.7
16380	-8.0	64.5	12	-33.5
16390	-9.4	64.8	12	-38.8
16400	-9.6	65.2	11	-44.1
16410	-9.1	65.7	11	-50.3
16420	-10.0	66.2	10	-55.9
16430	-11.0	66.7	10	-62.0
16440	-10.2	67.3	9	-68.1
16450	-10.4	68.0	8	-74.2
16460	-11.3	68.7	8	-80.6
16470	-10.7	69.5	7	-87.3
16480	-10.4	70.3	6	-93.1
16490	-11.1	71.2	5	-90.7
16500	-10.6	72.2	4	-96.9
16510	-9.9	73.2	3	-102.4
16520	-10.6	74.3	2	-108.0
16530	-9.9	75.4	1	-113.4
16540	-9.6	76.6	0	-118.7
16550	-9.8	77.8	-1	-124.0
16560	-9.2	79.1	-3	-129.1
16570	-8.5	80.4	-4	-134.1
16580	-7.9	81.8	-5	-138.4
16590	-7.9	83.2	-7	-142.9
16600	-7.9	84.6	-8	-146.4
16610	-7.2	86.1	-10	-150.4
16620	-7.9	87.7	-11	-154.1
16630	-7.5	89.2	-13	-158.1
16640	-6.1	90.9	-14	-161.8
16650	-6.6	92.5	-16	-164.5
16660	-6.0	94.2	-18	-167.7
16670	-6.5	95.9	-19	-170.3
16680	-6.1	97.6	-21	-173.3

16690	-5.4	99.3	-23	-174.3
16700	-7.1	101.1	-25	-174.3
16710	-5.8	102.8	-26	-174.1
16720	-4.5	104.6	-28	-174.3
16730	-5.4	106.3	-30	-174.1
16740	-5.8	108.0	-32	-174.3
16750	-3.1	109.8	-33	-174.3
16760	-3.1	111.5	-35	-174.1
16770	-4.5	113.3	-37	-174.1
16780	-9.2	114.9	-38	-163.7
16790	-32.5	116.2	-40	-112.3
16800	-31.6	117.2	-41	-95.3
16810	-11.4	118.0	-42	-63.3
16820	-11.7	118.6	-42	-52.7
16830	-14.0	119.0	-43	-36.4
16840	-10.4	119.3	-43	-33.0
16850	-6.9	119.6	-43	-22.6
16860	-5.2	119.7	-43	-14.9
16870	-1.6	119.9	-43	-13.8
16880	0.1	120.0	-44	-9.3
16890	0.0	120.1	-44	-6.3
16900	0.0	120.1	-44	-4.5
16910	0.3	120.2	-44	-4.2
16920	0.4	120.2	-44	-3.4
16930	1.5	120.2	-44	-2.6
16940	9.9	120.2	-44	-0.5
16950	5.3	120.2	-44	3.1
16960	2.2	120.1	-44	5.0
16970	7.1	120.1	-44	6.3
16980	9.2	120.0	-44	9.5
16990	6.4	119.8	-43	13.8
17000	6.5	119.7	-43	17.5
17010	8.7	119.4	-43	20.7
17020	7.6	119.2	-43	24.7
17030	6.2	118.9	-42	34.8
17040	6.9	118.5	-42	38.6
17050	7.5	118.1	-42	42.8
17060	7.9	117.7	-41	47.3
17070	8.5	117.3	-41	51.9
17080	8.7	116.7	-40	56.9
17090	9.2	116.2	-40	62.0
17100	9.6	115.6	-39	67.6
17110	8.9	114.9	-38	73.4
17120	8.9	114.2	-38	78.8
17130	9.2	113.5	-37	83.8
17140	8.7	112.7	-36	81.1
17150	8.8	111.8	-35	85.9
17160	9.5	110.9	-34	90.7
17170	9.1	110.0	-34	95.8
17180	9.1	109.0	-33	100.8
17190	9.8	107.9	-31	105.6
17200	10.0	106.8	-30	111.2
17210	8.9	105.7	-29	116.6
17220	8.3	104.5	-28	121.3

17230	8.4	103.2	-27	125.9
17240	8.3	102.0	-26	130.1
17250	8.3	100.6	-24	134.4
17260	7.7	99.2	-23	138.7
17270	8.3	97.8	-21	142.6
17280	8.4	96.4	-20	146.9
17290	7.2	94.9	-18	150.9
17300	7.9	93.3	-17	154.6
17310	7.7	91.7	-15	158.6
17320	6.8	90.1	-14	162.3
17330	7.3	88.5	-12	165.5
17340	6.4	86.8	-10	169.3
17350	5.8	85.1	-9	172.5
17360	6.0	83.3	-7	174.9
17370	5.8	81.6	-5	177.8
17380	6.8	79.8	-3	178.9
17390	7.6	78.0	-2	179.4
17400	6.4	76.2	0	179.1
17410	6.4	74.4	2	179.4
17420	5.6	72.6	4	179.1
17430	4.9	70.8	6	179.4
17440	4.9	69.0	7	177.5
17450	25.8	67.6	9	146.4
17460	33.1	66.4	10	99.3
17470	18.2	65.5	11	82.2
17480	10.6	64.8	12	61.2
17490	10.4	64.3	12	49.7
17500	9.6	63.9	13	34.0
17510	7.1	63.7	13	25.0
17520	2.8	63.5	13	18.3
17530	-0.4	63.3	13	14.9
17540	-0.1	63.2	13	10.3
17550	-0.1	63.1	13	6.9
17560	-1.1	63.1	13	6.1
17570	-12.5	63.0	13	3.1
17580	-4.6	63.0	13	-2.1
17590	-0.7	63.1	13	-3.9
17600	-6.2	63.1	13	-4.5
17610	-7.6	63.2	13	-7.9
17620	-4.7	63.3	13	-12.2
17630	-6.2	63.4	13	-14.1
17640	-8.8	63.6	13	-15.9
17650	-8.0	63.8	13	-20.2
17660	-8.4	64.0	12	-23.9
17670	-8.9	64.3	12	-28.4
17680	-9.4	64.7	12	-32.4
17690	-9.9	65.1	11	-37.0
17700	-10.4	65.5	11	-41.7
17710	-10.8	66.0	10	-47.1
17720	-11.9	66.6	10	-52.7
17730	-12.7	67.3	9	-71.3
17740	-13.0	68.0	8	-78.8
17750	-12.9	68.7	8	-86.7
17760	-13.0	69.6	7	-94.5

17770	-13.6	70.5	6	-92.9
17780	-12.7	71.5	5	-100.6
17790	-12.6	72.5	4	-107.8
17800	-13.2	73.7	3	-114.7
17810	-13.8	74.9	2	-122.4
17820	-13.8	76.2	0	-129.6
17830	-14.4	77.5	-1	-137.3
17840	-14.8	78.9	-2	-145.0
17850	-13.8	80.5	-4	-153.6
17860	-12.6	82.0	-6	-160.5
17870	-12.7	83.7	-7	-167.4
17880	-12.5	85.4	-9	-174.1
17890	-16.5	87.2	-11	-174.9
17900	-17.4	88.9	-12	-175.4
17910	-15.3	90.7	-14	-175.4
17920	-14.9	92.4	-16	-175.1
17930	-14.9	94.2	-18	-175.1
17940	-16.1	95.9	-19	-175.1
17950	-15.2	97.7	-21	-175.1
17960	-11.9	99.4	-23	-174.9
17970	-11.5	101.2	-25	-174.9
17980	-11.1	102.9	-26	-174.6
17990	-10.4	104.7	-28	-174.9
18000	-10.3	106.4	-30	-174.6
18010	-10.2	108.2	-32	-174.9
18020	-7.9	109.9	-33	-174.9
18030	-8.1	111.7	-35	-174.6
18040	-9.1	113.4	-37	-174.6
18050	-15.1	115.0	-39	-161.0
18060	-35.5	116.3	-40	-110.4
18070	-32.4	117.3	-41	-93.1
18080	-10.3	118.1	-42	-75.3
18090	-10.6	118.6	-42	-51.3
18100	-13.3	119.1	-43	-38.8
18110	-8.7	119.4	-43	-26.0
18120	-3.4	119.6	-43	-23.6
18130	-0.9	119.8	-43	-15.9
18140	0.1	119.9	-43	-10.6
18150	0.0	120.0	-44	-10.1
18160	0.4	120.1	-44	-6.6
18170	1.6	120.1	-44	-4.7
18180	15.3	120.2	-44	-1.5
18190	5.6	120.1	-44	3.4
18200	0.1	120.1	-44	5.5
18210	8.5	120.0	-44	6.3
18220	7.9	119.9	-43	11.7
18230	4.3	119.8	-43	16.7
18240	7.3	119.6	-43	19.9
18250	9.4	119.4	-43	23.9
18260	7.1	119.1	-43	26.6
18270	8.3	118.8	-42	27.6
18280	9.4	118.5	-42	31.9
18290	7.7	118.1	-42	36.2
18300	8.1	117.7	-41	40.4

18310	9.4	117.2	-41	44.1
18320	8.7	116.6	-40	59.3
18330	8.8	116.1	-40	64.4
18340	9.9	115.4	-39	69.7
18350	9.5	114.8	-38	75.6
18360	9.5	114.0	-38	81.4
18370	10.3	113.3	-37	87.0
18380	9.6	112.4	-36	84.6
18390	9.4	111.5	-35	90.5
18400	10.2	110.6	-34	95.5
18410	9.5	109.6	-33	100.8
18420	9.6	108.6	-32	106.2
18430	10.4	107.4	-31	111.5
18440	9.9	106.3	-30	117.1
18450	9.4	105.1	-29	122.4
18460	9.4	103.8	-27	127.5
18470	9.9	102.5	-26	132.5
18480	9.8	101.1	-25	137.9
18490	8.7	99.7	-23	142.9
18500	8.9	98.3	-22	147.7
18510	8.7	96.7	-20	152.2
18520	7.3	95.2	-19	156.8
18530	7.9	93.6	-17	160.5
18540	7.9	92.0	-16	164.2
18550	6.6	90.3	-14	168.2
18560	7.3	88.6	-12	171.4
18570	7.2	86.8	-10	174.9
18580	6.0	85.1	-9	178.1
18590	6.5	83.3	-7	179.4
18600	7.6	81.5	-5	179.4
18610	6.8	79.7	-3	179.4
18620	5.4	77.9	-1	179.4
18630	3.9	76.1	0	179.4
18640	3.5	74.3	2	179.4
18650	2.0	72.5	4	179.4
18660	1.6	70.7	6	179.1
18670	1.2	68.9	8	177.0
18680	22.4	67.5	9	143.7
18690	29.0	66.3	10	99.0
18700	13.2	65.5	11	80.1
18710	4.9	64.8	12	59.1
18720	6.6	64.3	12	39.6
18730	5.2	64.0	12	32.7
18740	1.4	63.7	13	24.2
18750	-0.1	63.5	13	19.4
18760	-0.4	63.4	13	13.0
18770	-1.5	63.3	13	10.9
18780	-16.7	63.2	13	5.0
18790	-7.1	63.2	13	-2.1
18800	-2.4	63.2	13	-4.5
18810	-8.5	63.3	13	-6.6
18820	-8.1	63.4	13	-10.9
18830	-4.1	63.5	13	-15.7
18840	-5.7	63.7	13	-17.0

18850	-8.5	63.9	13	-18.1
18860	-6.8	64.1	12	-22.0
18870	-8.5	64.4	12	-25.8
18880	-9.9	64.7	12	-35.9
18890	-9.1	65.1	11	-41.7
18900	-9.5	65.5	11	-47.6
18910	-10.0	66.0	10	-48.4
18920	-9.5	66.5	10	-48.4
18930	-9.2	67.1	9	-53.2
18940	-10.3	67.7	9	-57.5
18950	-10.8	68.4	8	-62.5
18960	-10.6	69.1	7	-67.8
18970	-11.1	69.9	7	-72.9
18980	-12.6	70.8	6	-86.7
18990	-11.5	71.7	5	-93.9
19000	-10.8	72.7	4	-100.3
19010	-11.7	73.7	3	-105.9
19020	-11.0	74.9	2	-112.8
19030	-10.0	76.0	0	-118.4
19040	-11.1	77.3	-1	-124.0
19050	-11.9	78.5	-2	-130.1
19060	-11.1	79.9	-3	-136.8
19070	-11.1	81.3	-5	-142.4
19080	-11.7	82.8	-6	-148.8
19090	-11.3	84.3	-8	-154.6
19100	-10.3	85.9	-9	-160.7
19110	-11.3	87.6	-11	-166.3
19120	-10.8	89.3	-13	-171.9
19130	-11.0	91.0	-15	-174.9
19140	-14.1	92.8	-16	-174.9
19150	-13.6	94.5	-18	-174.9
19160	-12.9	96.3	-20	-175.1
19170	-13.7	98.0	-22	-174.9
19180	-12.2	99.8	-23	-174.9
19190	-11.9	101.5	-25	-174.9
19200	-11.7	103.2	-27	-174.6
19210	-11.5	105.0	-29	-174.9
19220	-10.4	106.7	-30	-174.9
19230	-9.4	108.5	-32	-174.6
19240	-7.7	110.2	-34	-174.6
19250	-7.3	112.0	-36	-174.6
19260	-8.7	113.7	-37	-174.3
19270	-20.9	115.3	-39	-153.6
19280	-35.3	116.6	-40	-128.8
19290	-27.7	117.5	-41	-88.9
19300	-9.5	118.2	-42	-71.8
19310	-11.4	118.7	-42	-49.2
19320	-11.7	119.1	-43	-37.5
19330	-5.0	119.4	-43	-25.0
19340	-0.8	119.7	-43	-22.8
19350	0.1	119.8	-43	-15.4
19360	0.0	119.9	-43	-10.6
19370	0.4	120.0	-44	-9.8
19380	2.2	120.1	-44	-6.6

19390	15.7	120.2	-44	-2.1
19400	5.2	120.1	-44	3.1
19410	-0.7	120.1	-44	5.0
19420	10.2	120.0	-44	5.8
19430	7.2	119.9	-43	11.4
19440	3.4	119.8	-43	16.2
19450	7.5	119.6	-43	18.9
19460	9.6	119.4	-43	22.6
19470	7.1	119.2	-43	26.0
19480	8.8	118.9	-42	27.1
19490	10.4	118.6	-42	31.4
19500	7.7	118.2	-42	37.0
19510	8.4	117.7	-41	40.4
19520	10.0	117.2	-41	44.4
19530	8.5	116.7	-40	49.2
19540	8.3	116.1	-40	65.2
19550	9.9	115.5	-39	70.2
19560	9.2	114.8	-38	75.8
19570	8.8	114.1	-38	81.4
19580	10.4	113.3	-37	86.7
19590	9.6	112.5	-36	84.6
19600	8.7	111.6	-35	90.2
19610	9.6	110.6	-34	94.7
19620	9.1	109.6	-33	100.0
19630	8.3	108.6	-32	105.1
19640	8.9	107.5	-31	109.6
19650	8.7	106.4	-30	114.4
19660	8.3	105.2	-29	119.2
19670	8.5	104.0	-28	123.7
19680	8.8	102.7	-26	128.3
19690	8.5	101.4	-25	132.5
19700	7.9	100.0	-24	136.8
19710	8.0	98.6	-22	141.3
19720	7.9	97.2	-21	145.3
19730	6.9	95.7	-19	149.3
19740	6.5	94.2	-18	153.0
19750	7.6	92.6	-16	156.0
19760	6.9	91.0	-15	159.7
19770	6.4	89.4	-13	162.9
19780	7.9	87.8	-11	166.1
19790	6.8	86.1	-10	169.8
19800	6.1	84.4	-8	173.0
19810	7.2	82.6	-6	175.9
19820	6.5	80.8	-4	178.6
19830	8.0	79.0	-3	179.4
19840	7.6	77.2	-1	179.4
19850	6.1	75.4	1	179.4
19860	6.5	73.6	3	179.4
19870	6.1	71.9	5	179.4
19880	6.1	70.1	6	179.7
19890	11.1	68.4	8	169.0
19900	34.0	67.0	9	119.2
19910	28.5	65.9	11	97.9
19920	11.0	65.1	11	71.0

19930	12.5	64.6	12	53.7
19940	11.7	64.1	12	40.1
19950	6.2	63.8	13	29.5
19960	3.7	63.6	13	19.7
19970	0.3	63.4	13	15.7
19980	-0.3	63.3	13	11.9
19990	-0.3	63.2	13	7.7
20000	-1.1	63.1	13	6.3
20010	-13.6	63.1	13	3.4
20020	-5.4	63.1	13	-1.5
20030	0.0	63.1	13	-4.2
20040	-6.6	63.2	13	-4.5
20050	-6.9	63.2	13	-8.2
20060	-2.8	63.3	13	-11.9
20070	-5.3	63.5	13	-14.3
20080	-8.4	63.6	13	-15.7
20090	-6.9	63.8	13	-17.8
20100	-7.6	64.0	12	-21.5
20110	-9.2	64.3	12	-30.6
20120	-8.3	64.6	12	-35.6
20130	-8.7	65.0	11	-37.2
20140	-10.0	65.4	11	-37.8
20150	-9.6	65.8	11	-42.5
20160	-10.2	66.3	10	-47.3
20170	-11.9	66.9	10	-64.1
20180	-12.2	67.6	9	-70.8
20190	-12.5	68.2	8	-78.2
20200	-13.4	69.0	7	-85.9
20210	-13.6	69.8	7	-93.7
20220	-13.8	70.8	6	-92.6
20230	-13.6	71.7	5	-100.3
20240	-13.8	72.8	4	-108.0
20250	-14.6	73.9	3	-115.8
20260	-14.8	75.2	1	-124.0
20270	-15.3	76.5	0	-132.0
20280	-15.7	77.8	-1	-140.5
20290	-15.5	79.3	-3	-148.8
20300	-14.6	80.9	-4	-157.8
20310	-14.2	82.5	-6	-165.8
20320	-14.0	84.2	-8	-173.0
20330	-16.7	86.0	-10	-175.4
20340	-19.3	87.7	-11	-175.4
20350	-18.0	89.5	-13	-175.1
20360	-15.1	91.2	-15	-175.4
20370	-16.1	93.0	-17	-175.4
20380	-16.5	94.7	-18	-175.1
20390	-15.7	96.5	-20	-175.4
20400	-14.8	98.2	-22	-175.1
20410	-12.1	100.0	-24	-174.9
20420	-11.3	101.7	-25	-175.1
20430	-11.7	103.5	-27	-174.6
20440	-11.8	105.2	-29	-174.6
20450	-11.4	107.0	-31	-174.9
20460	-10.7	108.7	-32	-174.9

20470	-10.2	110.5	-34	-174.9
20480	-9.1	112.2	-36	-174.9
20490	-10.3	114.0	-38	-171.9
20500	-27.0	115.5	-39	-147.7
20510	-38.0	116.7	-40	-101.1
20520	-27.5	117.6	-41	-84.6
20530	-11.4	118.3	-42	-55.6
20540	-15.1	118.8	-42	-46.8
20550	-15.9	119.2	-43	-38.6
20560	-8.9	119.4	-43	-26.3
20570	-5.8	119.7	-43	-17.5
20580	-5.0	119.8	-43	-15.7
20590	-1.6	119.9	-43	-10.9
20600	0.1	120.0	-44	-6.9
20610	0.0	120.1	-44	-6.3
20620	0.3	120.1	-44	-4.5
20630	0.5	120.2	-44	-3.1
20640	4.5	120.2	-44	-2.3
20650	9.9	120.2	-44	1.3
20660	3.3	120.1	-44	5.8
20670	2.0	120.1	-44	7.7
20680	11.0	120.0	-44	8.5
20690	8.9	119.9	-43	12.5
20700	6.6	119.7	-43	17.0
20710	9.8	119.5	-43	20.4
20720	10.0	119.2	-43	25.2
20730	8.9	118.9	-42	30.0
20740	10.0	118.5	-42	35.1
20750	10.6	118.1	-42	39.4
20760	9.6	117.6	-41	44.7
20770	10.2	117.1	-41	49.5
20780	10.8	116.5	-40	54.3
20790	10.2	115.8	-39	60.6
20800	10.8	115.1	-39	64.6
20810	11.3	114.4	-38	70.0
20820	10.8	113.6	-37	75.6
20830	11.1	112.6	-36	89.7
20840	11.3	111.7	-35	95.8
20850	10.3	110.7	-34	101.9
20860	10.2	109.6	-33	107.5
20870	10.0	108.5	-32	113.4
20880	10.6	107.3	-31	118.7
20890	9.9	106.1	-30	124.3
20900	9.2	104.8	-28	129.6
20910	9.6	103.5	-27	134.7
20920	10.0	102.1	-26	139.7
20930	9.6	100.6	-24	145.0
20940	8.8	99.2	-23	150.1
20950	9.1	97.6	-21	154.6
20960	8.5	96.0	-20	159.4
20970	7.3	94.4	-18	163.7
20980	8.5	92.7	-16	167.4
20990	7.7	91.0	-15	171.7
21000	6.8	89.3	-13	175.4

21010	8.0	87.5	-11	178.3
21020	8.5	85.7	-9	179.1
21030	8.4	83.9	-7	179.1
21040	8.3	82.1	-6	179.4
21050	7.7	80.3	-4	179.4
21060	7.3	78.6	-2	179.4
21070	5.6	76.8	0	179.4
21080	4.7	75.0	1	179.4
21090	3.4	73.2	3	179.4
21100	2.0	71.4	5	179.4
21110	1.8	69.7	7	161.3
21120	12.9	68.0	8	141.3
21130	31.3	66.6	10	132.3
21140	19.7	65.7	11	80.3
21150	7.3	65.0	11	66.2
21160	8.9	64.5	12	49.2
21170	8.5	64.1	12	33.0
21180	5.3	63.8	13	27.1
21190	2.8	63.6	13	20.2
21200	-0.3	63.4	13	15.9
21210	-0.3	63.3	13	10.9
21220	-0.8	63.2	13	7.4
21230	-11.1	63.1	13	5.5
21240	-10.7	63.1	13	-1.0
21250	-3.0	63.2	13	-5.0
21260	-5.3	63.2	13	-6.9
21270	-10.0	63.3	13	-10.1
21280	-6.8	63.4	13	-15.9
21290	-5.4	63.6	13	-20.4
21300	-9.9	63.8	13	-21.5
21310	-9.8	64.1	12	-23.9
21320	-8.9	64.4	12	-28.7
21330	-10.7	64.7	12	-33.0
21340	-11.3	65.2	11	-46.8
21350	-10.6	65.6	11	-53.5
21360	-11.7	66.1	10	-54.5
21370	-12.5	66.7	10	-54.8
21380	-11.4	67.4	9	-60.9
21390	-12.1	68.1	8	-66.2
21400	-12.6	68.9	8	-72.4
21410	-11.5	69.7	7	-78.5
21420	-11.9	70.7	6	-93.1
21430	-12.5	71.7	5	-100.0
21440	-11.3	72.7	4	-106.7
21450	-11.0	73.9	3	-112.8
21460	-11.7	75.0	1	-119.2
21470	-11.4	76.3	0	-125.3
21480	-10.6	77.6	-1	-131.5
21490	-11.0	78.9	-2	-137.1
21500	-10.4	80.3	-4	-143.4
21510	-9.1	81.8	-5	-148.5
21520	-9.2	83.3	-7	-153.6
21530	-9.5	84.9	-8	-158.1
21540	-8.9	86.5	-10	-162.9

21550	-8.4	88.2	-12	-167.4
21560	-9.2	89.9	-13	-171.9
21570	-8.8	91.7	-15	-174.6
21580	-10.8	93.4	-17	-174.9
21590	-12.5	95.1	-19	-174.9
21600	-10.4	96.9	-20	-174.9
21610	-10.6	98.6	-22	-174.9
21620	-10.2	100.4	-24	-174.6
21630	-9.9	102.1	-26	-174.9
21640	-9.8	103.9	-27	-174.6
21650	-10.8	105.6	-29	-174.6
21660	-11.1	107.4	-31	-174.9
21670	-9.6	109.1	-33	-174.6
21680	-10.2	110.9	-34	-174.6
21690	-10.3	112.6	-36	-174.9
21700	-11.8	114.4	-38	-172.5
21710	-34.4	115.8	-39	-139.7
21720	-40.0	116.9	-40	-107.0
21730	-24.0	117.8	-41	-71.6
21740	-13.2	118.4	-42	-58.5
21750	-17.1	118.9	-42	-39.6
21760	-14.8	119.3	-43	-33.5
21770	-6.5	119.5	-43	-22.0
21780	-3.4	119.7	-43	-19.9
21790	-1.8	119.9	-43	-13.5
21800	0.0	120.0	-44	-9.0
21810	0.0	120.1	-44	-7.4
21820	0.5	120.1	-44	-5.5
21830	3.9	120.2	-44	-3.7
21840	11.5	120.2	-44	0.5
21850	3.4	120.1	-44	5.3
21860	0.0	120.1	-44	6.9
21870	10.2	120.0	-44	6.9
21880	7.6	119.9	-43	10.3
21890	4.6	119.8	-43	14.1
21900	8.7	119.6	-43	16.5
21910	9.6	119.4	-43	20.7
21920	7.1	119.1	-43	30.8
21930	8.3	118.8	-42	35.4
21940	9.5	118.4	-42	40.4
21950	7.3	118.0	-42	41.7
21960	8.1	117.6	-41	41.2
21970	9.1	117.1	-41	45.5
21980	7.7	116.6	-40	49.5
21990	8.3	116.0	-40	53.7
22000	9.4	115.3	-39	57.7
22010	8.8	114.7	-38	62.0
22020	8.1	113.9	-37	66.0
22030	8.8	113.1	-37	78.0
22040	7.2	112.3	-36	82.7
22050	7.1	111.5	-35	86.7
22060	7.7	110.6	-34	90.5
22070	6.1	109.6	-33	94.5
22080	6.2	108.7	-32	97.7

22090	7.3	107.7	-31	100.8
22100	6.4	106.6	-30	104.8
22110	6.6	105.5	-29	108.3
22120	6.6	104.4	-28	111.8
22130	6.4	103.3	-27	115.2
22140	6.4	102.1	-26	118.4
22150	6.5	100.9	-24	121.6
22160	5.8	99.7	-23	125.1
22170	6.2	98.4	-22	128.0
22180	6.2	97.1	-21	131.2
22190	5.6	95.7	-19	134.1
22200	6.1	94.4	-18	137.1
22210	6.8	93.0	-17	140.0
22220	6.4	91.6	-15	143.4
22230	6.1	90.1	-14	146.6
22240	7.1	88.6	-12	149.6
22250	6.5	87.1	-11	152.8
22260	5.8	85.5	-9	156.0
22270	6.0	84.0	-8	158.9
22280	6.6	82.3	-6	162.1
22290	6.4	80.7	-4	164.7
22300	6.5	79.0	-3	167.9
22310	5.6	77.3	-1	170.9
22320	5.0	75.6	1	173.8
22330	6.1	73.8	3	176.2
22340	5.0	72.1	4	178.6
22350	5.8	70.3	6	179.1
22360	11.0	68.5	8	188.7
22370	33.6	67.2	9	135.2
22380	30.5	66.0	10	111.2
22390	15.3	65.2	11	75.3
22400	14.4	64.6	12	56.1
22410	14.0	64.2	12	37.5
22420	11.3	63.8	13	30.8
22430	7.2	63.6	13	22.8
22440	2.4	63.4	13	16.5
22450	-0.1	63.3	13	13.5
22460	-0.1	63.2	13	9.3
22470	-0.3	63.1	13	6.3
22480	-1.2	63.0	13	5.8
22490	-13.6	63.0	13	2.9
22500	-6.0	63.0	13	-1.8
22510	0.0	63.1	13	-4.5
22520	-7.2	63.1	13	-5.5
22530	-8.5	63.2	13	-9.3
22540	-3.8	63.3	13	-14.1
22550	-7.2	63.5	13	-17.3
22560	-11.1	63.6	13	-19.1
22570	-8.4	63.9	13	-22.3
22580	-9.1	64.2	12	-26.8
22590	-10.8	64.5	12	-37.8
22600	-10.0	64.9	12	-44.1
22610	-9.6	65.3	11	-45.7
22620	-11.0	65.8	11	-45.7

22630	-11.7	66.4	10	-62.8
22640	-11.8	67.0	9	-69.7
22650	-12.7	67.7	9	-76.6
22660	-13.7	68.4	8	-84.3
22670	-13.6	69.3	7	-92.6
22680	-13.4	70.2	6	-100.3
22690	-14.0	71.1	5	-98.7
22700	-13.0	72.2	4	-106.7
22710	-12.6	73.3	3	-113.6
22720	-14.0	74.5	2	-121.1
22730	-13.6	75.8	1	-128.3
22740	-14.1	77.1	-1	-135.7
22750	-15.2	78.5	-2	-143.7
22760	-15.2	80.0	-4	-152.2
22770	-13.7	81.6	-5	-160.0
22780	-13.8	83.3	-7	-167.7
22790	-15.2	85.0	-9	-174.3
22800	-19.0	86.7	-10	-175.4
22810	-19.1	88.5	-12	-175.7
22820	-17.4	90.3	-14	-175.7
22830	-16.7	92.0	-16	-175.1
22840	-17.6	93.8	-17	-175.4
22850	-19.4	95.5	-19	-175.4
22860	-18.2	97.3	-21	-175.4
22870	-16.5	99.0	-23	-175.4
22880	-15.9	100.8	-24	-175.4
22890	-14.6	102.5	-26	-175.1
22900	-14.1	104.3	-28	-175.1
22910	-14.0	106.0	-30	-174.9
22920	-13.4	107.8	-31	-175.1
22930	-11.4	109.5	-33	-174.9
22940	-10.7	111.3	-35	-174.9
22950	-10.7	113.0	-37	-174.9
22960	-12.2	114.7	-38	-150.1
22970	-34.7	116.1	-40	-131.2
22980	-34.2	117.1	-41	-89.1
22990	-13.6	117.9	-41	-74.2
23000	-8.4	118.5	-42	-48.9
23010	-9.9	119.0	-43	-41.2
23020	-7.5	119.3	-43	-34.3
23030	-2.2	119.6	-43	-23.4
23040	0.1	119.8	-43	-15.4
23050	0.0	119.9	-43	-14.1
23060	0.1	120.0	-44	-9.8
23070	0.8	120.1	-44	-6.6
23080	14.4	120.1	-44	-5.0
23090	7.3	120.1	-44	2.1
23100	1.5	120.1	-44	5.3
23110	5.2	120.0	-44	6.3
23120	8.9	120.0	-44	7.9
23130	4.9	119.8	-43	11.4
23140	5.0	119.7	-43	14.3
23150	9.5	119.5	-43	17.0
23160	7.2	119.3	-43	25.8

23170	7.1	119.0	-43	27.4
23180	8.4	118.7	-42	28.2
23190	8.1	118.4	-42	32.4
23200	7.7	118.0	-42	36.4
23210	8.1	117.6	-41	40.4
23220	8.4	117.1	-41	49.2
23230	7.7	116.6	-40	53.5
23240	8.4	116.0	-40	52.1
23250	8.8	115.4	-39	56.7
23260	8.8	114.7	-38	60.4
23270	8.8	114.0	-38	64.6
23280	9.1	113.2	-37	76.4
23290	9.1	112.4	-36	81.7
23300	8.9	111.6	-35	87.0
23310	9.1	110.7	-34	91.8
23320	8.8	109.7	-33	96.9
23330	8.9	108.7	-32	101.6
23340	9.9	107.6	-31	106.4
23350	8.9	106.5	-30	111.8
23360	8.4	105.4	-29	116.8
23370	8.7	104.2	-28	121.3
23380	8.9	102.9	-26	125.9
23390	8.3	101.6	-25	130.7
23400	7.9	100.3	-24	135.2
23410	7.9	98.9	-22	139.2
23420	8.1	97.5	-21	143.4
23430	7.9	96.0	-20	147.4
23440	6.5	94.5	-18	151.2
23450	7.5	93.0	-17	154.6
23460	7.1	91.4	-15	158.1
23470	6.2	89.8	-13	161.8
23480	7.7	88.2	-12	164.5
23490	6.6	86.5	-10	168.2
23500	5.7	84.8	-8	171.7
23510	6.1	83.0	-7	174.1
23520	5.8	81.3	-5	177.0
23530	6.2	79.5	-3	178.9
23540	7.3	77.7	-1	179.1
23550	6.1	75.9	1	179.4
23560	6.1	74.1	2	179.4
23570	5.6	72.3	4	179.4
23580	5.7	70.5	6	179.7
23590	7.2	68.7	8	193.0
23600	30.8	67.3	9	140.8
23610	32.7	66.1	10	116.0
23620	16.4	65.3	11	78.2
23630	14.9	64.7	12	58.3
23640	16.1	64.2	12	47.9
23650	11.4	63.9	13	32.4
23660	9.1	63.6	13	23.6
23670	6.4	63.4	13	17.5
23680	1.2	63.3	13	14.1
23690	0.0	63.2	13	9.5
23700	0.1	63.1	13	7.7

23710	-0.1	63.1	13	5.3
23720	-0.4	63.0	13	3.4
23730	-0.7	63.0	13	3.1
23740	-1.1	63.0	13	2.6
23750	-9.5	63.0	13	1.0
23760	-4.5	63.0	13	-2.3
23770	-0.9	63.0	13	-5.0
23780	-6.9	63.1	13	-5.8
23790	-8.7	63.1	13	-9.5
23800	-5.0	63.3	13	-14.6
23810	-7.3	63.4	13	-16.2
23820	-10.0	63.6	13	-18.3
23830	-7.7	63.9	13	-22.8
23840	-8.4	64.1	12	-26.8
23850	-10.7	64.5	12	-37.8
23860	-10.8	64.9	12	-43.9
23870	-11.0	65.3	11	-50.5
23880	-13.2	65.8	11	-57.5
23890	-14.6	66.4	10	-53.5
23900	-14.1	67.0	9	-60.4
23910	-14.4	67.8	9	-67.3
23920	-15.3	68.6	8	-74.5
23930	-14.9	69.5	7	-82.2
23940	-14.8	70.5	6	-99.0
23950	-15.1	71.5	5	-107.5
23960	-14.9	72.7	4	-116.0
23970	-14.8	73.9	3	-124.0
23980	-15.3	75.2	1	-132.5
23990	-15.7	76.6	0	-141.0
24000	-15.5	78.1	-2	-149.6
24010	-15.5	79.6	-3	-158.1
24020	-14.0	81.3	-5	-166.3
24030	-13.7	83.0	-7	-174.1
24040	-18.2	84.7	-8	-175.1
24050	-20.1	86.5	-10	-175.7
24060	-18.3	88.3	-12	-175.7
24070	-18.4	90.0	-14	-175.4
24080	-18.6	91.8	-15	-175.7
24090	-18.7	93.5	-17	-175.9
24100	-19.4	95.3	-19	-175.4
24110	-18.3	97.0	-21	-175.4
24120	-16.4	98.8	-22	-175.7
24130	-15.7	100.5	-24	-175.1
24140	-14.9	102.3	-26	-175.1
24150	-14.9	104.0	-28	-175.1
24160	-15.5	105.8	-29	-175.1
24170	-15.6	107.5	-31	-175.1
24180	-14.1	109.3	-33	-175.1
24190	-14.2	111.1	-35	-175.1
24200	-13.4	112.8	-36	-175.1
24210	-14.6	114.5	-38	-188.4
24220	-37.0	115.9	-39	-136.3
24230	-40.5	117.1	-41	-113.4
24240	-22.1	117.9	-41	-77.4

24250	-14.6	118.5	-42	-62.2
24260	-16.0	118.9	-42	-42.8
24270	-13.2	119.3	-43	-35.4
24280	-6.9	119.5	-43	-23.9
24290	-3.3	119.7	-43	-15.9
24300	0.1	119.9	-43	-14.3
24310	0.1	120.0	-44	-9.8
24320	0.4	120.1	-44	-6.6
24330	1.6	120.1	-44	-5.8
24340	15.7	120.2	-44	-2.1
24350	6.6	120.1	-44	3.4
24360	0.3	120.1	-44	6.3
24370	7.3	120.0	-44	6.6
24380	8.9	119.9	-43	10.6
24390	5.0	119.7	-43	15.7
24400	6.2	119.6	-43	16.7
24410	10.0	119.4	-43	19.9
24420	8.7	119.1	-43	24.7
24430	7.9	118.8	-42	35.6
24440	9.6	118.4	-42	40.4
24450	9.1	118.0	-42	46.3
24460	8.4	117.5	-41	51.9
24470	8.7	117.0	-41	56.7
24480	8.4	116.5	-40	62.0
24490	8.7	115.9	-39	67.0
24500	9.4	115.2	-39	72.4
24510	8.8	114.5	-38	77.7
24520	9.4	113.8	-37	83.0
24530	10.3	113.0	-37	80.6
24540	9.5	112.2	-36	86.5
24550	8.9	111.2	-35	91.5
24560	9.4	110.3	-34	96.3
24570	8.7	109.3	-33	101.6
24580	8.1	108.2	-32	106.2
24590	8.8	107.1	-31	110.7
24600	8.7	106.0	-30	115.5
24610	8.1	104.8	-28	120.0
24620	8.1	103.6	-27	124.3
24630	8.8	102.3	-26	128.8
24640	8.8	101.0	-25	133.6
24650	7.9	99.6	-23	137.9
24660	8.4	98.2	-22	142.4
24670	8.4	96.7	-20	146.6
24680	6.6	95.2	-19	150.6
24690	6.8	93.7	-17	154.1
24700	7.5	92.1	-16	157.8
24710	6.9	90.5	-14	161.0
24720	7.1	88.9	-12	164.5
24730	7.5	87.2	-11	167.9
24740	6.2	85.5	-9	171.4
24750	6.2	83.8	-7	174.6
24760	6.9	82.0	-6	177.5
24770	7.2	80.2	-4	178.9
24780	8.3	78.4	-2	179.4

24790	6.9	76.6	0	179.4
24800	6.2	74.9	2	179.4
24810	6.2	73.1	3	179.4
24820	6.2	71.3	5	179.4
24830	6.6	69.6	7	161.5
24840	21.0	67.9	9	139.5
24850	35.4	66.6	10	119.5
24860	22.2	65.6	11	87.5
24870	11.8	64.9	12	66.0
24880	12.3	64.4	12	49.2
24890	11.1	64.0	12	40.1
24900	7.2	63.7	13	26.8
24910	4.1	63.5	13	19.9
24920	0.3	63.3	13	14.6
24930	-0.3	63.2	13	12.2
24940	-0.3	63.1	13	7.9
24950	-0.9	63.1	13	5.5
24960	-15.7	63.0	13	3.7
24970	-6.8	63.0	13	-3.4
24980	-1.8	63.1	13	-5.8
24990	-7.5	63.2	13	-6.3
25000	-11.0	63.3	13	-9.8
25010	-6.0	63.4	13	-15.1
25020	-6.8	63.6	13	-20.4
25030	-12.1	63.8	13	-21.8
25040	-9.8	64.1	12	-33.2
25050	-9.4	64.5	12	-39.4
25060	-11.8	64.9	12	-40.9
25070	-12.1	65.3	11	-42.5
25080	-10.8	65.8	11	-48.4
25090	-12.2	66.4	10	-54.0
25100	-13.2	67.1	9	-72.9
25110	-12.5	67.8	9	-80.6
25120	-13.0	68.6	8	-88.3
25130	-13.8	69.5	7	-96.3
25140	-13.8	70.4	6	-104.3
25150	-13.8	71.4	5	-102.4
25160	-13.2	72.5	4	-109.9
25170	-12.7	73.6	3	-117.1
25180	-13.2	74.9	2	-124.8
25190	-13.2	76.2	0	-131.7
25200	-13.2	77.5	-1	-138.9
25210	-13.7	79.0	-3	-145.8
25220	-13.6	80.5	-4	-153.6
25230	-13.3	82.1	-6	-160.7
25240	-13.4	83.8	-7	-168.2
25250	-13.4	85.5	-9	-174.3
25260	-18.0	87.2	-11	-175.1
25270	-19.1	89.0	-13	-175.7
25280	-16.7	90.8	-14	-175.7
25290	-16.1	92.5	-16	-175.1
25300	-16.7	94.3	-18	-175.1
25310	-18.2	96.0	-20	-175.4
25320	-17.5	97.8	-21	-175.4

25330	-14.9	99.5	-23	-175.1
25340	-14.9	101.3	-25	-175.4
25350	-14.5	103.0	-27	-175.1
25360	-14.1	104.8	-28	-175.1
25370	-13.7	106.5	-30	-175.1
25380	-13.4	108.3	-32	-175.1
25390	-11.1	110.0	-34	-174.9
25400	-10.8	111.8	-35	-174.9
25410	-11.9	113.5	-37	-174.6
25420	-20.2	115.1	-39	-141.3
25430	-37.7	116.4	-40	-121.6
25440	-32.1	117.4	-41	-81.9
25450	-10.8	118.1	-42	-67.6
25460	-8.9	118.7	-42	-44.7
25470	-9.1	119.1	-43	-37.8
25480	-5.4	119.4	-43	-25.2
25490	-0.7	119.6	-43	-23.1
25500	0.0	119.8	-43	-15.4
25510	0.3	119.9	-43	-13.0
25520	2.0	120.0	-44	-8.7
25530	17.9	120.0	-44	-3.4
25540	9.2	120.0	-44	2.6
25550	0.1	120.0	-44	6.3
25560	10.2	119.9	-43	7.4
25570	9.4	119.8	-43	11.1
25580	5.0	119.6	-43	19.7
25590	7.3	119.4	-43	23.1
25600	9.1	119.2	-43	27.1

ISOK_EXERC_ER_IR_180_R_SIDE
01/08
Set #6

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	-0.3	93.4	-17	78.8
10	1.6	92.6	-16	78.5
20	8.3	91.9	-15	79.3
30	19.9	91.0	-15	85.7
40	0.9	90.1	-14	96.6
50	2.2	89.1	-13	98.7
60	15.2	88.1	-12	101.1
70	11.3	87.0	-11	108.0
80	6.1	85.9	-9	113.6
90	7.2	84.7	-8	117.4
100	5.2	83.5	-7	120.5
110	7.7	82.3	-6	123.7
120	7.9	81.0	-5	127.5
130	5.6	79.7	-3	131.7
140	7.9	78.4	-2	134.4
150	9.2	77.0	-1	138.4
160	8.5	75.6	1	142.9
170	7.6	74.1	2	147.4
180	6.4	72.6	4	151.2
190	6.9	71.1	5	154.4
200	7.1	69.5	7	155.4
210	20.7	68.1	8	153.3
220	33.1	67.0	9	111.0
230	25.4	66.0	10	85.4
240	16.5	65.3	11	59.1
250	16.4	64.8	12	51.6
260	17.5	64.3	12	43.6
270	17.9	64.0	12	30.8
280	13.3	63.8	13	23.6
290	6.9	63.6	13	18.1
300	5.2	63.4	13	12.2
310	5.3	63.3	13	10.6
320	4.5	63.2	13	7.7
330	4.1	63.2	13	6.3
340	1.9	63.1	13	4.2
350	3.0	63.1	13	4.2
360	4.1	63.0	13	2.9
370	4.1	63.0	13	2.1
380	2.8	63.0	13	2.1
390	1.6	63.0	13	2.3
400	0.8	62.9	14	2.3
410	0.0	62.9	14	2.3
420	0.0	62.9	14	2.1
430	-0.5	62.9	14	0.2
440	-0.9	62.9	14	0.5
450	-1.2	62.9	14	1.0
460	-12.2	62.9	14	0.0
470	-10.4	62.9	14	-2.6
480	-4.7	62.9	14	-4.2

490	-6.5	63.0	13	-7.7
500	-12.1	63.1	13	-11.9
510	-10.4	63.3	13	-18.9
520	-8.9	63.5	13	-25.2
530	-11.1	63.7	13	-28.2
540	-11.8	64.1	12	-30.6
550	-10.6	64.4	12	-36.2
560	-10.7	64.9	12	-41.5
570	-12.6	65.4	11	-56.9
580	-12.3	66.0	10	-58.5
590	-13.0	66.6	10	-58.8
600	-13.7	67.3	9	-64.9
610	-14.0	68.1	8	-71.6
620	-13.7	68.9	8	-78.8
630	-13.3	69.9	7	-85.1
640	-14.2	70.9	6	-101.9
650	-12.6	72.0	4	-109.9
660	-12.3	73.1	3	-116.6
670	-13.4	74.4	2	-123.7
680	-13.2	75.6	1	-130.9
690	-13.4	77.0	-1	-137.9
700	-13.8	78.4	-2	-145.3
710	-13.8	79.9	-3	-152.8
720	-12.3	81.5	-5	-159.7
730	-11.7	83.2	-7	-166.9
740	-12.5	84.9	-8	-173.0
750	-15.3	86.6	-10	-174.9
760	-16.5	88.4	-12	-175.1
770	-15.6	90.1	-14	-175.1
780	-13.7	91.9	-15	-174.9
790	-14.4	93.6	-17	-175.1
800	-16.4	95.4	-19	-175.1
810	-14.9	97.2	-21	-175.1
820	-13.0	98.9	-22	-174.9
830	-12.3	100.6	-24	-174.6
840	-11.3	102.4	-26	-174.6
850	-10.6	104.1	-28	-174.9
860	-11.3	105.9	-29	-174.6
870	-11.5	107.6	-31	-174.9
880	-9.6	109.4	-33	-174.6
890	-10.4	111.1	-35	-174.6
900	-11.1	112.9	-36	-174.6
910	-13.3	114.5	-38	-155.4
920	-36.7	116.0	-40	-147.4
930	-40.3	117.1	-41	-102.4
940	-21.2	117.9	-41	-83.8
950	-15.2	118.5	-42	-56.7
960	-19.0	119.0	-43	-43.1
970	-18.0	119.3	-43	-29.2
980	-10.6	119.6	-43	-26.0
990	-9.2	119.8	-43	-17.8
1000	-9.1	119.9	-43	-12.2
1010	-6.6	120.0	-44	-10.9
1020	-3.8	120.1	-44	-7.1

1030	-4.1	120.2	-44	-5.0
1040	-3.7	120.2	-44	-4.5
1050	-2.4	120.2	-44	-3.1
1060	-1.8	120.3	-44	-2.1
1070	-1.1	120.3	-44	-1.8
1080	0.1	120.3	-44	-1.3
1090	0.5	120.3	-44	-0.7
1100	0.7	120.3	-44	-0.2
1110	0.9	120.3	-44	0.0
1120	14.9	120.3	-44	0.5
1130	9.9	120.2	-44	6.3
1140	2.2	120.1	-44	10.9
1150	4.6	120.0	-44	12.5
1160	10.0	119.9	-43	14.6
1170	7.6	119.6	-43	23.6
1180	6.9	119.4	-43	28.4
1190	8.4	119.1	-43	32.4
1200	8.4	118.8	-42	37.5
1210	9.4	118.4	-42	42.5
1220	9.1	118.0	-42	48.4
1230	8.8	117.5	-41	54.0
1240	10.4	117.0	-41	59.3
1250	10.6	116.4	-40	65.4
1260	9.6	115.7	-39	71.6
1270	10.3	115.0	-39	77.4
1280	10.7	114.3	-38	83.3
1290	10.4	113.5	-37	89.9
1300	10.2	112.6	-36	87.3
1310	10.4	111.7	-35	92.9
1320	10.6	110.7	-34	98.5
1330	10.7	109.7	-33	104.3
1340	10.4	108.6	-32	110.4
1350	11.1	107.5	-31	116.0
1360	11.1	106.3	-30	122.1
1370	10.4	105.0	-29	128.3
1380	9.9	103.7	-27	134.1
1390	10.3	102.3	-26	139.5
1400	10.3	100.9	-24	145.0
1410	9.5	99.4	-23	150.4
1420	9.5	97.8	-21	155.2
1430	9.5	96.2	-20	160.2
1440	8.5	94.6	-18	165.3
1450	9.1	92.9	-16	169.5
1460	8.7	91.2	-15	173.8
1470	7.7	89.4	-13	178.1
1480	10.4	87.6	-11	179.1
1490	10.3	85.8	-9	179.4
1500	8.7	84.0	-8	179.4
1510	8.3	82.2	-6	179.4
1520	7.9	80.5	-4	179.1
1530	7.1	78.7	-2	179.4
1540	4.5	76.9	0	179.4
1550	3.1	75.1	1	179.4
1560	2.2	73.3	3	179.1

1570	1.5	71.5	5	179.4
1580	1.2	69.8	7	161.3
1590	3.4	68.1	8	143.2
1600	31.5	66.8	10	122.9
1610	22.2	65.8	11	82.2
1620	6.1	65.1	11	67.6
1630	5.0	64.5	12	50.0
1640	4.7	64.1	12	33.5
1650	4.5	63.8	13	27.9
1660	0.3	63.6	13	20.7
1670	-0.4	63.4	13	13.5
1680	-0.9	63.3	13	11.4
1690	-17.4	63.2	13	6.3
1700	-9.2	63.2	13	-1.0
1710	-4.7	63.2	13	-5.0
1720	-8.7	63.3	13	-7.9
1730	-11.1	63.4	13	-12.7
1740	-8.1	63.6	13	-17.8
1750	-7.1	63.8	13	-19.9
1760	-10.4	64.0	12	-29.0
1770	-9.8	64.3	12	-34.8
1780	-9.6	64.7	12	-40.7
1790	-11.1	65.1	11	-42.3
1800	-12.1	65.6	11	-43.3
1810	-12.1	66.1	10	-49.5
1820	-12.7	66.7	10	-67.8
1830	-12.7	67.4	9	-75.0
1840	-12.3	68.1	8	-82.5
1850	-12.6	68.9	8	-90.5
1860	-12.9	69.8	7	-97.7
1870	-13.0	70.7	6	-95.8
1880	-12.7	71.8	5	-103.2
1890	-12.9	72.8	4	-110.4
1900	-13.2	74.0	2	-117.4
1910	-12.7	75.2	1	-124.8
1920	-12.6	76.5	0	-131.5
1930	-12.7	77.9	-1	-138.7
1940	-12.5	79.3	-3	-145.3
1950	-11.7	80.8	-4	-152.5
1960	-11.1	82.4	-6	-158.6
1970	-11.3	84.0	-8	-164.2
1980	-10.8	85.7	-9	-170.3
1990	-12.6	87.5	-11	-174.3
2000	-15.6	89.2	-13	-174.6
2010	-14.1	91.0	-15	-175.1
2020	-12.3	92.7	-16	-174.9
2030	-11.8	94.5	-18	-174.6
2040	-13.0	96.2	-20	-174.9
2050	-12.3	98.0	-22	-174.6
2060	-9.1	99.7	-23	-174.9
2070	-9.2	101.5	-25	-174.3
2080	-8.9	103.2	-27	-174.1
2090	-8.4	104.9	-28	-174.3
2100	-7.7	106.7	-30	-174.3

2110	-7.7	108.4	-32	-174.3
2120	-5.6	110.2	-34	-174.3
2130	-5.2	111.9	-35	-174.1
2140	-7.2	113.6	-37	-156.8
2150	-19.3	115.2	-39	-137.9
2160	-36.2	116.5	-40	-119.0
2170	-31.1	117.4	-41	-80.3
2180	-13.4	118.2	-42	-66.5
2190	-13.8	118.7	-42	-44.7
2200	-15.3	119.1	-43	-37.8
2210	-12.5	119.4	-43	-25.5
2220	-9.1	119.7	-43	-23.1
2230	-7.6	119.8	-43	-15.9
2240	-5.2	119.9	-43	-10.6
2250	-3.7	120.0	-44	-9.5
2260	-4.1	120.1	-44	-6.3
2270	-3.5	120.2	-44	-4.5
2280	-2.6	120.2	-44	-3.1
2290	-2.0	120.2	-44	-3.1
2300	-1.4	120.3	-44	-2.1
2310	0.0	120.3	-44	-1.5
2320	0.4	120.3	-44	-1.0
2330	0.7	120.3	-44	-0.7
2340	0.8	120.3	-44	-0.2
2350	10.8	120.3	-44	0.5
2360	12.7	120.3	-44	6.1
2370	3.9	120.1	-44	13.0
2380	2.7	120.0	-44	14.3
2390	11.1	119.9	-43	14.6
2400	8.8	119.7	-43	19.7
2410	6.9	119.4	-43	29.2
2420	8.8	119.1	-43	33.2
2430	8.7	118.8	-42	38.3
2440	9.5	118.4	-42	43.9
2450	9.4	117.9	-41	50.0
2460	9.1	117.4	-41	55.6
2470	10.6	116.9	-40	61.2
2480	10.6	116.3	-40	67.0
2490	9.6	115.6	-39	73.4
2500	10.0	114.9	-38	79.3
2510	10.6	114.2	-38	85.4
2520	10.3	113.3	-37	91.5
2530	9.8	112.5	-36	88.9
2540	9.8	111.5	-35	94.2
2550	10.8	110.6	-34	99.5
2560	10.2	109.5	-33	105.6
2570	10.4	108.4	-32	111.2
2580	11.5	107.3	-31	116.8
2590	10.8	106.0	-30	122.9
2600	10.2	104.8	-28	128.8
2610	10.3	103.4	-27	134.7
2620	10.4	102.1	-26	140.0
2630	10.3	100.6	-24	145.3
2640	9.6	99.1	-23	150.6

2650	9.8	97.6	-21	155.7
2660	9.2	96.0	-20	160.7
2670	8.1	94.3	-18	165.5
2680	9.2	92.6	-16	169.8
2690	8.5	90.9	-14	174.3
2700	8.0	89.1	-13	178.1
2710	10.8	87.3	-11	179.1
2720	10.6	85.6	-9	179.4
2730	8.7	83.8	-7	179.4
2740	8.3	82.0	-6	179.4
2750	8.5	80.2	-4	179.4
2760	7.9	78.4	-2	179.4
2770	5.7	76.6	0	179.7
2780	4.7	74.8	2	179.4
2790	2.8	73.0	3	179.4
2800	2.2	71.2	5	179.1
2810	1.6	69.4	7	176.5
2820	17.8	67.8	9	168.5
2830	31.5	66.6	10	117.6
2840	19.3	65.7	11	87.3
2850	7.1	65.0	11	57.7
2860	7.1	64.4	12	48.1
2870	7.6	64.0	12	39.1
2880	5.7	63.8	13	26.6
2890	1.5	63.6	13	19.7
2900	-0.3	63.4	13	14.3
2910	-0.3	63.3	13	9.5
2920	-1.4	63.2	13	8.2
2930	-14.4	63.1	13	3.7
2940	-6.6	63.1	13	-2.3
2950	-2.3	63.2	13	-4.7
2960	-8.1	63.2	13	-6.6
2970	-8.5	63.3	13	-10.6
2980	-5.3	63.5	13	-14.3
2990	-6.1	63.6	13	-15.9
3000	-9.2	63.8	13	-22.8
3010	-8.0	64.1	12	-28.2
3020	-8.5	64.4	12	-30.0
3030	-10.4	64.7	12	-31.1
3040	-10.6	65.1	11	-36.2
3050	-10.7	65.5	11	-41.5
3060	-11.5	66.0	10	-46.8
3070	-12.2	66.6	10	-64.4
3080	-11.7	67.3	9	-71.0
3090	-12.3	68.0	8	-78.2
3100	-12.9	68.7	8	-85.7
3110	-12.6	69.5	7	-93.4
3120	-13.2	70.4	6	-91.5
3130	-13.3	71.4	5	-99.0
3140	-12.5	72.5	4	-106.4
3150	-12.5	73.6	3	-113.1
3160	-13.0	74.8	2	-120.5
3170	-12.3	76.0	0	-127.5
3180	-12.5	77.4	-1	-134.4

3190	-13.0	78.7	-2	-141.0
3200	-12.3	80.2	-4	-148.2
3210	-11.4	81.7	-5	-154.6
3220	-11.7	83.3	-7	-161.3
3230	-11.8	85.0	-9	-166.9
3240	-11.3	86.7	-10	-173.0
3250	-13.3	88.5	-12	-174.9
3260	-15.9	90.2	-14	-175.1
3270	-13.0	92.0	-16	-174.9
3280	-11.5	93.7	-17	-175.1
3290	-14.1	95.5	-19	-174.6
3300	-13.7	97.2	-21	-174.9
3310	-11.5	99.0	-23	-175.1
3320	-11.0	100.7	-24	-174.6
3330	-10.6	102.4	-26	-174.6
3340	-9.9	104.2	-28	-174.9
3350	-9.8	105.9	-29	-174.3
3360	-10.0	107.7	-31	-174.6
3370	-8.3	109.4	-33	-174.6
3380	-8.7	111.2	-35	-174.6
3390	-9.2	112.9	-36	-174.3
3400	-11.0	114.6	-38	-152.5
3410	-35.5	116.0	-40	-133.1
3420	-38.2	117.1	-41	-90.5
3430	-18.7	117.9	-41	-82.2
3440	-14.2	118.5	-42	-55.6
3450	-19.0	118.9	-42	-42.3
3460	-16.5	119.3	-43	-31.9
3470	-8.8	119.5	-43	-23.1
3480	-8.0	119.7	-43	-17.5
3490	-8.1	119.9	-43	-14.6
3500	-5.0	120.0	-44	-9.8
3510	-2.2	120.0	-44	-6.1
3520	-1.8	120.1	-44	-5.5
3530	-0.8	120.1	-44	-3.7
3540	0.1	120.2	-44	-2.9
3550	0.0	120.2	-44	-2.1
3560	0.4	120.2	-44	-1.5
3570	0.7	120.2	-44	-1.0
3580	1.1	120.2	-44	-0.5
3590	16.4	120.2	-44	1.3
3600	9.2	120.2	-44	7.9
3610	3.1	120.1	-44	13.3
3620	8.9	119.9	-43	15.9
3630	9.8	119.8	-43	20.2
3640	8.3	119.5	-43	26.6
3650	9.1	119.2	-43	31.6
3660	9.9	118.9	-42	36.7
3670	8.8	118.6	-42	38.8
3680	9.8	118.1	-42	44.1
3690	10.2	117.7	-41	49.5
3700	10.0	117.1	-41	49.5
3710	11.1	116.5	-40	54.3
3720	11.3	115.9	-39	59.9

3730	11.1	115.2	-39	65.4
3740	11.5	114.4	-38	70.8
3750	11.5	113.6	-37	76.4
3760	11.3	112.6	-36	91.0
3770	10.8	111.7	-35	97.4
3780	11.0	110.7	-34	103.2
3790	10.6	109.6	-33	109.4
3800	10.4	108.4	-32	115.0
3810	11.7	107.3	-31	120.8
3820	10.8	106.0	-30	127.2
3830	9.9	104.7	-28	132.8
3840	9.9	103.3	-27	138.1
3850	10.2	101.9	-25	143.4
3860	9.1	100.4	-24	149.0
3870	8.5	98.9	-22	153.6
3880	8.4	97.3	-21	157.8
3890	7.3	95.7	-19	162.3
3900	6.5	94.1	-18	166.1
3910	7.6	92.4	-16	169.0
3920	6.4	90.7	-14	172.7
3930	6.1	88.9	-12	175.9
3940	6.9	87.1	-11	178.3
3950	6.4	85.3	-9	179.1
3960	5.4	83.5	-7	179.1
3970	4.6	81.7	-5	179.4
3980	3.9	80.0	-4	179.4
3990	2.7	78.2	-2	179.4
4000	1.6	76.4	0	179.4
4010	1.4	74.6	2	179.7
4020	1.2	72.8	4	179.4
4030	1.1	71.0	5	179.4
4040	0.8	69.3	7	161.3
4050	2.0	67.6	9	162.6
4060	39.1	66.5	10	113.4
4070	28.7	65.6	11	86.2
4080	4.9	64.9	12	57.5
4090	3.1	64.4	12	46.3
4100	5.4	64.0	12	38.6
4110	4.3	63.7	13	26.0
4120	0.5	63.5	13	19.1
4130	-0.3	63.3	13	14.1
4140	-0.7	63.2	13	9.8
4150	-12.1	63.1	13	7.7
4160	-13.7	63.1	13	0.0
4170	-6.2	63.2	13	-5.8
4180	-7.1	63.2	13	-9.5
4190	-13.0	63.4	13	-13.5
4200	-8.9	63.5	13	-21.2
4210	-7.2	63.8	13	-26.8
4220	-11.8	64.0	12	-28.7
4230	-11.7	64.4	12	-31.1
4240	-10.0	64.7	12	-36.7
4250	-12.3	65.2	11	-51.1
4260	-14.0	65.7	11	-52.7

4270	-12.9	66.3	10	-54.5
4280	-13.6	66.9	10	-60.6
4290	-14.6	67.7	9	-67.3
4300	-13.7	68.5	8	-74.5
4310	-12.9	69.4	7	-81.1
4320	-14.0	70.4	6	-97.1
4330	-14.1	71.4	5	-104.8
4340	-12.3	72.5	4	-112.8
4350	-12.7	73.7	3	-119.5
4360	-13.8	74.9	2	-126.9
4370	-12.7	76.3	0	-134.1
4380	-12.6	77.7	-1	-141.3
4390	-13.2	79.1	-3	-148.0
4400	-11.3	80.7	-4	-154.9
4410	-10.3	82.3	-6	-161.0
4420	-10.7	83.9	-7	-166.6
4430	-10.3	85.6	-9	-172.5
4440	-12.6	87.4	-11	-174.6
4450	-14.6	89.1	-13	-174.9
4460	-13.4	90.9	-14	-175.1
4470	-11.5	92.6	-16	-174.6
4480	-11.4	94.4	-18	-174.6
4490	-12.7	96.1	-20	-174.9
4500	-11.7	97.9	-21	-174.6
4510	-8.4	99.6	-23	-174.6
4520	-8.7	101.3	-25	-174.6
4530	-8.5	103.1	-27	-174.3
4540	-7.9	104.8	-28	-174.3
4550	-7.7	106.6	-30	-174.3
4560	-8.7	108.3	-32	-174.6
4570	-7.2	110.1	-34	-174.3
4580	-7.1	111.8	-35	-174.3
4590	-9.5	113.5	-37	-157.0
4600	-19.9	115.1	-39	-140.2
4610	-37.8	116.4	-40	-121.3
4620	-33.1	117.4	-41	-100.3
4630	-15.1	118.1	-42	-68.1
4640	-16.8	118.7	-42	-55.9
4650	-19.8	119.1	-43	-34.8
4660	-14.4	119.4	-43	-29.2
4670	-8.8	119.7	-43	-21.5
4680	-9.9	119.8	-43	-14.3
4690	-7.9	120.0	-44	-12.2
4700	-3.8	120.1	-44	-9.0
4710	-2.6	120.1	-44	-5.8
4720	-1.6	120.2	-44	-4.5
4730	-0.7	120.2	-44	-3.9
4740	0.0	120.3	-44	-2.6
4750	0.0	120.3	-44	-2.1
4760	0.5	120.3	-44	-1.8
4770	0.8	120.3	-44	-1.3
4780	3.8	120.3	-44	-0.5
4790	16.7	120.3	-44	2.6
4800	6.9	120.2	-44	8.7

4810	2.6	120.1	-44	13.8
4820	12.6	119.9	-43	17.5
4830	9.8	119.7	-43	23.4
4840	7.3	119.5	-43	26.8
4850	9.9	119.2	-43	27.9
4860	10.3	118.8	-42	32.7
4870	9.6	118.4	-42	46.3
4880	10.4	117.9	-41	52.1
4890	11.0	117.4	-41	58.5
4900	10.8	116.8	-40	64.9
4910	12.1	116.2	-40	71.6
4920	12.1	115.5	-39	78.2
4930	11.9	114.7	-38	85.9
4940	12.6	113.9	-37	93.1
4950	12.7	113.0	-37	100.3
4960	11.8	112.0	-36	98.2
4970	11.5	111.0	-35	104.8
4980	11.8	109.9	-33	111.0
4990	11.0	108.8	-32	117.6
5000	11.9	107.5	-31	123.2
5010	12.3	106.3	-30	129.9
5020	10.8	104.9	-28	136.5
5030	10.6	103.5	-27	142.6
5040	11.3	102.0	-26	148.2
5050	10.7	100.5	-24	154.4
5060	9.6	98.9	-22	159.7
5070	9.2	97.3	-21	164.7
5080	7.7	95.6	-19	169.5
5090	6.8	93.9	-17	173.3
5100	7.6	92.1	-16	176.7
5110	7.3	90.3	-14	179.1
5120	8.9	88.5	-12	179.4
5130	8.8	86.7	-10	179.4
5140	6.9	84.9	-8	179.4
5150	6.2	83.2	-7	179.4
5160	5.4	81.4	-5	179.4
5170	5.0	79.6	-3	179.4
5180	3.8	77.8	-1	179.4
5190	2.2	76.0	0	179.4
5200	1.8	74.2	2	179.4
5210	1.6	72.4	4	179.1
5220	1.4	70.6	6	179.4
5230	1.5	68.8	8	193.2
5240	24.4	67.4	9	140.5
5250	31.3	66.2	10	116.8
5260	14.2	65.4	11	79.0
5270	5.6	64.8	12	58.3
5280	8.5	64.3	12	43.9
5290	6.6	63.9	13	29.2
5300	3.0	63.7	13	23.9
5310	0.1	63.5	13	17.8
5320	-0.3	63.3	13	14.3
5330	-0.5	63.2	13	10.1
5340	-4.2	63.2	13	6.3

5350	-13.7	63.1	13	2.3
5360	-6.0	63.1	13	-2.9
5370	-2.4	63.2	13	-5.0
5380	-9.9	63.3	13	-7.1
5390	-9.8	63.4	13	-14.1
5400	-6.2	63.6	13	-19.7
5410	-9.5	63.8	13	-23.9
5420	-11.3	64.0	12	-26.8
5430	-9.9	64.3	12	-35.9
5440	-10.7	64.7	12	-38.0
5450	-12.6	65.1	11	-39.6
5460	-11.7	65.6	11	-45.7
5470	-11.8	66.2	10	-51.9
5480	-13.6	66.8	10	-64.1
5490	-13.2	67.5	9	-78.2
5500	-12.6	68.3	8	-85.9
5510	-14.0	69.1	7	-93.9
5520	-14.5	70.0	6	-101.9
5530	-14.0	71.0	5	-100.3
5540	-12.9	72.1	4	-108.6
5550	-13.6	73.2	3	-115.5
5560	-13.8	74.4	2	-123.2
5570	-12.6	75.7	1	-130.4
5580	-13.4	77.1	-1	-137.9
5590	-14.1	78.5	-2	-144.8
5600	-13.8	80.0	-4	-152.8
5610	-12.9	81.6	-5	-159.7
5620	-13.2	83.2	-7	-167.1
5630	-14.0	85.0	-9	-173.5
5640	-17.6	86.7	-10	-175.1
5650	-19.1	88.5	-12	-175.7
5660	-17.5	90.2	-14	-175.4
5670	-15.5	92.0	-16	-175.1
5680	-16.4	93.7	-17	-175.4
5690	-18.0	95.5	-19	-175.1
5700	-16.1	97.2	-21	-175.1
5710	-14.8	99.0	-23	-175.1
5720	-14.6	100.7	-24	-174.9
5730	-13.8	102.5	-26	-175.1
5740	-13.2	104.2	-28	-174.9
5750	-13.7	106.0	-30	-174.6
5760	-13.8	107.7	-31	-174.9
5770	-11.5	109.5	-33	-174.9
5780	-12.3	111.2	-35	-174.9
5790	-13.2	113.0	-37	-174.6
5800	-15.1	114.6	-38	-151.7
5810	-38.5	116.0	-40	-132.0
5820	-40.4	117.1	-41	-89.7
5830	-20.5	117.9	-41	-74.8
5840	-13.8	118.5	-42	-49.2
5850	-19.0	119.0	-43	-41.7
5860	-13.8	119.3	-43	-34.6
5870	-4.9	119.6	-43	-22.8
5880	-2.7	119.7	-43	-15.1

5890	-0.8	119.9	-43	-13.8
5900	0.1	120.0	-44	-9.5
5910	0.3	120.1	-44	-6.1
5920	0.8	120.1	-44	-5.5
5930	14.9	120.2	-44	-3.4
5940	9.2	120.1	-44	3.1
5950	2.2	120.1	-44	6.3
5960	4.1	120.0	-44	7.4
5970	10.4	119.9	-43	11.9
5980	6.9	119.7	-43	18.1
5990	6.6	119.5	-43	22.6
6000	11.0	119.3	-43	26.6
6010	10.3	119.0	-43	29.8
6020	9.1	118.7	-42	31.9
6030	10.3	118.3	-42	36.7
6040	9.9	117.9	-41	41.7
6050	9.9	117.4	-41	46.5
6060	10.4	116.8	-40	51.3
6070	9.9	116.2	-40	56.4
6080	10.4	115.5	-39	61.4
6090	11.1	114.8	-38	66.2
6100	10.7	114.0	-38	71.6
6110	10.7	113.1	-37	85.4
6120	11.1	112.2	-36	91.5
6130	11.1	111.3	-35	97.9
6140	11.0	110.2	-34	103.8
6150	10.2	109.2	-33	109.9
6160	10.4	108.0	-32	115.5
6170	11.1	106.8	-30	121.3
6180	10.0	105.6	-29	127.2
6190	9.5	104.2	-28	132.8
6200	10.2	102.9	-26	137.9
6210	10.3	101.5	-25	143.2
6220	9.5	100.0	-24	148.5
6230	9.5	98.5	-22	153.6
6240	9.4	96.9	-20	158.4
6250	8.4	95.3	-19	163.1
6260	9.1	93.6	-17	167.4
6270	8.9	91.9	-15	172.2
6280	8.0	90.1	-14	176.5
6290	10.6	88.3	-12	179.1
6300	13.0	86.6	-10	179.4
6310	11.7	84.8	-8	179.4
6320	10.7	83.0	-7	179.7
6330	11.0	81.2	-5	179.7
6340	11.5	79.4	-3	179.7
6350	11.0	77.6	-1	179.4
6360	9.4	75.8	1	179.7
6370	9.5	74.0	2	179.4
6380	8.4	72.2	4	179.4
6390	9.1	70.4	6	179.4
6400	11.8	68.6	8	190.8
6410	34.6	67.2	9	137.9
6420	34.4	66.1	10	113.1

6430	18.6	65.3	11	76.4
6440	17.1	64.7	12	56.7
6450	17.1	64.2	12	46.3
6460	14.0	63.9	13	31.4
6470	11.1	63.6	13	22.8
6480	6.4	63.5	13	16.7
6490	2.2	63.3	13	12.2
6500	1.2	63.2	13	8.2
6510	1.6	63.1	13	7.4
6520	0.3	63.1	13	5.0
6530	-0.1	63.1	13	3.9
6540	-0.4	63.0	13	2.9
6550	-0.7	63.0	13	2.1
6560	-1.2	63.0	13	1.5
6570	-8.4	63.0	13	0.2
6580	-3.8	63.0	13	-2.3
6590	-2.0	63.0	13	-4.5
6600	-7.5	63.1	13	-5.3
6610	-8.0	63.2	13	-8.5
6620	-6.1	63.3	13	-12.2
6630	-8.8	63.5	13	-18.9
6640	-9.9	63.7	13	-24.2
6650	-8.5	63.9	13	-26.8
6660	-9.8	64.2	12	-28.4
6670	-11.4	64.6	12	-40.7
6680	-11.4	65.0	11	-46.8
6690	-11.9	65.5	11	-54.3
6700	-13.4	66.0	10	-55.9
6710	-14.6	66.6	10	-56.9
6720	-13.8	67.3	9	-63.8
6730	-14.5	68.1	8	-70.5
6740	-15.3	68.9	8	-79.3
6750	-14.8	69.8	7	-85.1
6760	-15.7	70.9	6	-102.7
6770	-15.6	72.0	4	-111.8
6780	-15.2	73.2	3	-120.3
6790	-15.6	74.4	2	-129.1
6800	-15.7	75.8	1	-137.3
6810	-15.6	77.2	-1	-146.1
6820	-15.3	78.8	-2	-154.4
6830	-14.8	80.4	-4	-163.1
6840	-13.6	82.1	-6	-170.9
6850	-15.6	83.8	-7	-174.9
6860	-19.5	85.6	-9	-175.7
6870	-20.2	87.3	-11	-175.7
6880	-17.8	89.1	-13	-175.1
6890	-18.2	90.8	-14	-175.4
6900	-19.1	92.6	-16	-175.4
6910	-17.6	94.3	-18	-175.4
6920	-17.5	96.1	-20	-175.4
6930	-17.0	97.8	-21	-175.1
6940	-13.7	99.6	-23	-174.9
6950	-13.4	101.3	-25	-175.1
6960	-13.4	103.1	-27	-174.9

6970	-13.4	104.8	-28	-175.1
6980	-12.6	106.6	-30	-174.9
6990	-12.9	108.3	-32	-174.9
7000	-11.1	110.1	-34	-174.9
7010	-11.1	111.8	-35	-174.9
7020	-12.3	113.5	-37	-157.3
7030	-21.8	115.2	-39	-140.0
7040	-39.6	116.4	-40	-120.8
7050	-35.1	117.4	-41	-81.4
7060	-14.2	118.2	-42	-67.3
7070	-15.5	118.7	-42	-44.7
7080	-21.6	119.1	-43	-38.3
7090	-15.2	119.4	-43	-31.4
7100	-7.6	119.6	-43	-21.0
7110	-8.4	119.8	-43	-13.8
7120	-7.5	119.9	-43	-11.7
7130	-2.2	120.0	-44	-7.7
7140	0.0	120.1	-44	-6.6
7150	0.0	120.1	-44	-4.5
7160	0.3	120.2	-44	-3.1
7170	0.5	120.2	-44	-2.9
7180	1.2	120.2	-44	-2.1
7190	11.1	120.2	-44	0.0
7200	6.5	120.2	-44	3.7
7210	1.8	120.2	-44	7.4
7220	7.9	120.1	-44	9.3
7230	9.9	120.0	-44	13.0
7240	7.9	119.8	-43	19.1
7250	8.3	119.6	-43	24.2
7260	10.0	119.3	-43	29.0
7270	10.0	119.0	-43	35.1
7280	9.4	118.7	-42	40.9
7290	10.0	118.3	-42	47.1
7300	9.9	117.8	-41	52.7
7310	10.4	117.3	-41	59.3
7320	10.7	116.7	-40	65.4
7330	10.3	116.0	-40	71.6
7340	11.1	115.3	-39	78.0
7350	12.1	114.6	-38	84.6
7360	11.7	113.8	-37	91.5
7370	12.1	112.9	-36	89.7
7380	12.1	111.9	-35	96.3
7390	11.7	110.9	-34	103.2
7400	11.3	109.8	-33	109.6
7410	11.3	108.7	-32	116.0
7420	11.8	107.5	-31	121.9
7430	11.7	106.2	-30	128.5
7440	10.6	104.9	-28	134.7
7450	10.4	103.5	-27	140.2
7460	11.5	102.1	-26	146.1
7470	11.1	100.5	-24	152.2
7480	10.2	99.0	-23	158.1
7490	10.2	97.4	-21	163.4
7500	9.4	95.7	-19	168.7

7510	8.5	94.0	-18	173.8
7520	9.1	92.2	-16	178.1
7530	10.6	90.4	-14	179.1
7540	12.2	88.6	-12	179.4
7550	11.3	86.8	-10	179.4
7560	9.8	85.0	-9	179.7
7570	9.8	83.2	-7	179.7
7580	10.2	81.4	-5	179.7
7590	10.3	79.6	-3	179.7
7600	8.7	77.8	-1	179.7
7610	6.5	76.0	0	179.7
7620	6.9	74.2	2	179.7
7630	6.0	72.4	4	179.4
7640	5.6	70.6	6	179.4
7650	5.4	68.9	8	194.3
7660	27.7	67.4	9	142.4
7670	31.7	66.2	10	117.6
7680	16.3	65.4	11	79.6
7690	9.5	64.8	12	58.5
7700	10.2	64.3	12	43.9
7710	8.9	64.0	12	29.0
7720	5.2	63.7	13	23.9
7730	0.7	63.5	13	17.5
7740	-0.3	63.4	13	13.8
7750	-0.3	63.3	13	9.8
7760	-0.7	63.2	13	6.6
7770	-10.8	63.1	13	5.0
7780	-9.6	63.1	13	-1.3
7790	-2.2	63.2	13	-4.7
7800	-4.6	63.2	13	-6.6
7810	-10.6	63.3	13	-9.3
7820	-7.5	63.4	13	-15.4
7830	-6.0	63.6	13	-18.1
7840	-10.6	63.8	13	-23.6
7850	-11.1	64.1	12	-30.0
7860	-9.8	64.4	12	-33.2
7870	-9.9	64.7	12	-38.3
7880	-11.5	65.2	11	-39.4
7890	-11.1	65.7	11	-45.2
7900	-11.0	66.2	10	-50.8
7910	-11.7	66.8	10	-56.7
7920	-12.5	67.5	9	-61.7
7930	-13.2	68.2	8	-67.8
7940	-13.2	69.0	7	-74.5
7950	-13.2	69.9	7	-89.1
7960	-14.2	70.9	6	-96.9
7970	-13.4	71.9	5	-105.1
7980	-13.2	73.0	3	-112.3
7990	-13.2	74.2	2	-119.8
8000	-12.7	75.5	1	-126.7
8010	-13.2	76.8	0	-133.9
8020	-13.3	78.2	-2	-140.8
8030	-13.3	79.6	-3	-148.0
8040	-12.5	81.2	-5	-155.2

8050	-12.3	82.8	-6	-162.3
8060	-12.5	84.5	-8	-168.7
8070	-12.6	86.2	-10	-174.6
8080	-16.0	87.9	-11	-175.4
8090	-17.2	89.7	-13	-175.4
8100	-13.0	91.4	-15	-175.4
8110	-13.7	93.2	-17	-174.9
8120	-15.5	95.0	-19	-175.1
8130	-14.6	96.7	-20	-175.1
8140	-13.7	98.5	-22	-174.9
8150	-11.8	100.2	-24	-174.9
8160	-11.4	102.0	-26	-174.9
8170	-11.0	103.7	-27	-174.9
8180	-11.1	105.4	-29	-174.6
8190	-11.0	107.2	-31	-174.9
8200	-9.9	108.9	-32	-174.9
8210	-9.6	110.7	-34	-174.6
8220	-8.9	112.4	-36	-174.9
8230	-10.7	114.1	-38	-156.8
8240	-32.3	115.7	-39	-157.3
8250	-39.2	116.8	-40	-109.9
8260	-25.6	117.7	-41	-90.2
8270	-13.2	118.4	-42	-60.6
8280	-18.7	118.9	-42	-50.3
8290	-19.1	119.2	-43	-31.1
8300	-10.3	119.5	-43	-28.2
8310	-6.8	119.7	-43	-19.1
8320	-8.0	119.9	-43	-13.0
8330	-5.3	120.0	-44	-10.9
8340	-0.7	120.1	-44	-7.9
8350	-0.3	120.1	-44	-5.5
8360	-0.1	120.2	-44	-4.7
8370	0.1	120.2	-44	-3.1
8380	0.3	120.2	-44	-2.6
8390	0.5	120.3	-44	-2.1
8400	0.9	120.3	-44	-1.3
8410	11.3	120.3	-44	0.0
8420	10.2	120.3	-44	4.7
8430	4.6	120.2	-44	9.5
8440	6.0	120.1	-44	12.2
8450	11.8	119.9	-43	14.3
8460	8.8	119.7	-43	19.4
8470	8.8	119.5	-43	26.8
8480	10.6	119.2	-43	31.4
8490	9.8	118.8	-42	33.5
8500	9.8	118.4	-42	47.1
8510	10.0	117.9	-41	52.9
8520	10.2	117.4	-41	59.1
8530	11.1	116.8	-40	65.2
8540	11.4	116.1	-40	71.6
8550	11.5	115.4	-39	78.5
8560	12.2	114.7	-38	85.4
8570	12.5	113.9	-37	92.6
8580	12.1	113.0	-37	99.8

8590	11.7	112.0	-36	97.4
8600	11.1	111.0	-35	103.8
8610	10.6	109.9	-33	109.9
8620	10.4	108.8	-32	116.0
8630	11.4	107.6	-31	121.3
8640	11.4	106.3	-30	127.7
8650	10.2	105.0	-29	133.6
8660	9.8	103.6	-27	139.2
8670	10.8	102.2	-26	144.8
8680	10.4	100.7	-24	150.1
8690	9.2	99.1	-23	155.4
8700	9.2	97.5	-21	160.5
8710	8.5	95.9	-19	165.3
8720	7.2	94.2	-18	169.3
8730	8.4	92.5	-16	173.3
8740	7.6	90.7	-14	177.0
8750	8.7	88.9	-12	179.1
8760	11.3	87.1	-11	179.4
8770	9.6	85.3	-9	179.7
8780	8.7	83.5	-7	179.1
8790	8.8	81.8	-5	179.4
8800	8.7	80.0	-4	179.4
8810	8.1	78.2	-2	179.4
8820	6.4	76.4	0	179.4
8830	6.5	74.6	2	179.4
8840	5.0	72.8	4	179.4
8850	4.3	71.0	5	179.4
8860	5.0	69.3	7	161.3
8870	24.5	67.6	9	163.9
8880	33.2	66.5	10	114.2
8890	18.7	65.5	11	84.6
8900	10.0	64.8	12	62.0
8910	10.6	64.4	12	47.1
8920	8.4	64.0	12	38.3
8930	4.7	63.7	13	25.5
8940	2.3	63.5	13	19.1
8950	-0.4	63.3	13	14.1
8960	-0.1	63.2	13	9.5
8970	-0.3	63.1	13	7.9
8980	-1.1	63.1	13	5.3
8990	-13.6	63.0	13	3.7
9000	-5.6	63.0	13	-1.8
9010	-0.5	63.1	13	-5.0
9020	-7.1	63.1	13	-5.8
9030	-9.4	63.2	13	-9.3
9040	-5.7	63.3	13	-14.6
9050	-6.9	63.5	13	-18.6
9060	-11.4	63.7	13	-20.7
9070	-9.6	63.9	13	-23.6
9080	-9.2	64.2	12	-28.7
9090	-11.0	64.6	12	-33.2
9100	-11.8	65.0	11	-46.8
9110	-11.0	65.5	11	-53.7
9120	-11.5	66.0	10	-60.9

9130	-13.3	66.6	10	-61.4
9140	-13.4	67.3	9	-61.4
9150	-13.8	68.0	8	-68.1
9160	-14.9	68.8	8	-75.3
9170	-14.9	69.7	7	-82.5
9180	-14.6	70.7	6	-99.3
9190	-14.5	71.8	5	-108.0
9200	-14.2	72.9	4	-115.8
9210	-13.7	74.2	2	-123.7
9220	-13.6	75.5	1	-131.5
9230	-14.0	76.8	0	-138.7
9240	-14.2	78.3	-2	-146.4
9250	-14.2	79.8	-3	-154.1
9260	-12.9	81.4	-5	-161.5
9270	-12.2	83.1	-7	-168.7
9280	-13.4	84.8	-8	-174.3
9290	-16.7	86.5	-10	-175.1
9300	-16.8	88.3	-12	-175.4
9310	-15.1	90.1	-14	-175.1
9320	-13.4	91.8	-15	-175.1
9330	-14.4	93.6	-17	-175.1
9340	-15.5	95.3	-19	-175.1
9350	-14.2	97.1	-21	-175.1
9360	-12.9	98.8	-22	-175.1
9370	-12.2	100.6	-24	-174.9
9380	-11.4	102.3	-26	-174.9
9390	-10.8	104.1	-28	-174.6
9400	-11.3	105.8	-29	-174.6
9410	-11.7	107.6	-31	-174.9
9420	-9.8	109.3	-33	-174.9
9430	-10.2	111.0	-35	-174.6
9440	-9.9	112.8	-36	-174.6
9450	-11.9	114.5	-38	-187.9
9460	-35.0	115.9	-39	-135.7
9470	-37.8	117.1	-41	-113.1
9480	-21.2	117.8	-41	-77.7
9490	-13.2	118.5	-42	-52.1
9500	-18.6	118.9	-42	-43.3
9510	-16.5	119.3	-43	-29.5
9520	-7.1	119.6	-43	-26.6
9530	-4.7	119.7	-43	-17.8
9540	-5.2	119.9	-43	-12.2
9550	-0.9	120.0	-44	-10.9
9560	0.0	120.1	-44	-7.1
9570	0.3	120.1	-44	-4.7
9580	0.5	120.2	-44	-3.7
9590	6.6	120.2	-44	-2.9
9600	9.5	120.2	-44	1.5
9610	2.6	120.2	-44	6.1
9620	1.9	120.1	-44	7.7
9630	10.8	120.0	-44	8.5
9640	7.9	119.9	-43	12.2
9650	6.2	119.7	-43	16.2
9660	9.9	119.5	-43	19.4

9670	9.6	119.3	-43	24.2
9680	8.3	118.9	-42	35.1
9690	9.8	118.6	-42	40.1
9700	9.9	118.2	-42	45.5
9710	9.2	117.7	-41	52.4
9720	10.4	117.2	-41	58.0
9730	10.4	116.6	-40	63.8
9740	9.9	116.0	-40	70.0
9750	10.8	115.3	-39	76.1
9760	11.5	114.6	-38	82.5
9770	11.1	113.8	-37	89.4
9780	11.7	112.9	-36	87.3
9790	11.5	112.0	-36	93.7
9800	11.4	111.0	-35	100.3
9810	11.4	110.0	-34	106.7
9820	10.8	108.8	-32	113.1
9830	11.1	107.7	-31	119.0
9840	11.4	106.4	-30	125.1
9850	10.3	105.1	-29	130.9
9860	9.6	103.8	-27	136.8
9870	10.6	102.4	-26	142.1
9880	10.6	100.9	-24	147.7
9890	9.5	99.4	-23	153.0
9900	10.0	97.8	-21	158.1
9910	9.4	96.2	-20	163.4
9920	8.3	94.5	-18	167.9
9930	9.2	92.8	-16	172.5
9940	8.4	91.1	-15	176.7
9950	8.8	89.3	-13	179.1
9960	11.9	87.5	-11	179.4
9970	10.2	85.7	-9	179.7
9980	8.5	83.9	-7	179.4
9990	9.4	82.1	-6	179.4
10000	9.2	80.3	-4	179.4
10010	9.2	78.5	-2	179.4
10020	7.9	76.7	0	179.7
10030	7.1	74.9	2	179.7
10040	6.0	73.1	3	179.4
10050	5.4	71.3	5	179.1
10060	6.2	69.5	7	179.4
10070	18.8	68.0	8	157.8
10080	35.0	66.7	10	108.0
10090	23.6	65.7	11	89.7
10100	11.3	65.0	11	66.2
10110	13.2	64.4	12	44.1
10120	12.3	64.0	12	37.0
10130	7.5	63.7	13	27.1
10140	5.4	63.5	13	18.1
10150	2.7	63.4	13	14.6
10160	-0.3	63.2	13	10.9
10170	0.0	63.2	13	7.1
10180	-0.1	63.1	13	6.3
10190	-0.5	63.0	13	5.0
10200	-0.8	63.0	13	3.4

10210	-7.5	63.0	13	2.1
10220	-4.6	63.0	13	-1.8
10230	-0.7	63.0	13	-3.7
10240	-4.7	63.1	13	-4.2
10250	-8.3	63.1	13	-6.3
10260	-4.7	63.2	13	-9.5
10270	-6.6	63.3	13	-12.2
10280	-9.8	63.5	13	-18.6
10290	-7.2	63.7	13	-23.9
10300	-7.6	64.0	12	-28.7
10310	-9.8	64.2	12	-30.0
10320	-10.4	64.6	12	-31.6
10330	-9.9	65.0	11	-36.7
10340	-11.9	65.4	11	-42.0
10350	-13.3	65.9	11	-47.9
10360	-13.4	66.5	10	-66.5
10370	-13.8	67.2	9	-74.5
10380	-14.8	67.9	9	-82.5
10390	-14.4	68.8	8	-91.5
10400	-14.0	69.6	7	-100.0
10410	-14.8	70.6	6	-98.5
10420	-14.2	71.7	5	-106.7
10430	-14.1	72.8	4	-115.0
10440	-14.9	74.0	2	-122.7
10450	-15.3	75.3	1	-131.2
10460	-15.5	76.7	0	-139.5
10470	-15.9	78.1	-2	-148.0
10480	-15.9	79.7	-3	-157.0
10490	-14.0	81.3	-5	-165.3
10500	-13.6	83.0	-7	-172.7
10510	-17.5	84.8	-8	-175.1
10520	-19.7	86.5	-10	-175.4
10530	-17.6	88.3	-12	-175.7
10540	-16.7	90.0	-14	-175.1
10550	-17.2	91.8	-15	-175.4
10560	-16.5	93.5	-17	-175.4
10570	-16.5	95.3	-19	-175.4
10580	-15.3	97.0	-21	-175.4
10590	-13.7	98.8	-22	-175.4
10600	-11.9	100.5	-24	-174.9
10610	-10.6	102.3	-26	-174.9
10620	-10.8	104.0	-28	-174.6
10630	-11.0	105.8	-29	-174.6
10640	-10.6	107.5	-31	-174.9
10650	-9.4	109.3	-33	-174.6
10660	-10.0	111.0	-35	-174.6
10670	-9.8	112.8	-36	-174.6
10680	-11.3	114.5	-38	-187.9
10690	-34.4	115.9	-39	-136.5
10700	-38.5	117.0	-41	-113.9
10710	-21.0	117.8	-41	-78.0
10720	-14.2	118.5	-42	-63.0
10730	-20.1	118.9	-42	-43.9
10740	-17.5	119.3	-43	-36.4

10750	-8.9	119.6	-43	-24.4
10760	-7.1	119.8	-43	-16.2
10770	-7.3	119.9	-43	-15.1
10780	-3.4	120.0	-44	-10.1
10790	0.1	120.1	-44	-6.6
10800	0.0	120.2	-44	-5.8
10810	0.0	120.2	-44	-4.5
10820	0.5	120.2	-44	-3.1
10830	0.8	120.3	-44	-2.1
10840	9.6	120.3	-44	-0.7
10850	8.1	120.3	-44	2.3
10860	3.1	120.2	-44	5.8
10870	5.3	120.1	-44	7.4
10880	11.1	120.0	-44	10.1
10890	8.4	119.9	-43	15.1
10900	7.5	119.7	-43	19.4
10910	10.6	119.4	-43	23.4
10920	9.9	119.1	-43	28.2
10930	8.8	118.8	-42	33.0
10940	10.3	118.3	-42	46.0
10950	9.9	117.9	-41	52.1
10960	9.9	117.3	-41	58.3
10970	11.0	116.8	-40	64.4
10980	10.8	116.1	-40	70.8
10990	11.1	115.5	-39	77.4
11000	11.7	114.7	-38	84.1
11010	11.4	113.9	-37	90.7
11020	11.5	113.0	-37	97.4
11030	11.3	112.1	-36	95.0
11040	10.6	111.1	-35	100.8
11050	10.8	110.0	-34	107.0
11060	10.0	108.9	-32	112.8
11070	10.4	107.7	-31	118.4
11080	11.0	106.5	-30	124.0
11090	10.2	105.2	-29	129.9
11100	9.8	103.9	-27	135.5
11110	10.3	102.5	-26	140.8
11120	10.3	101.1	-25	146.1
11130	9.1	99.5	-23	151.4
11140	9.8	98.0	-22	156.5
11150	9.1	96.4	-20	161.3
11160	7.6	94.7	-18	165.8
11170	9.1	93.1	-17	169.8
11180	8.8	91.3	-15	174.1
11190	7.9	89.6	-13	178.1
11200	11.4	87.8	-11	179.4
11210	11.5	86.0	-10	179.7
11220	9.5	84.2	-8	179.4
11230	9.9	82.4	-6	179.4
11240	9.2	80.6	-4	179.4
11250	8.9	78.8	-2	179.7
11260	7.6	77.0	-1	179.4
11270	6.4	75.2	1	179.4
11280	5.3	73.4	3	179.4

11290	4.3	71.6	5	179.4
11300	4.2	69.9	7	161.3
11310	12.7	68.2	8	145.8
11320	32.0	66.8	10	137.6
11330	23.1	65.8	11	93.9
11340	8.5	65.1	11	69.7
11350	8.8	64.5	12	56.7
11360	9.5	64.1	12	38.8
11370	4.9	63.8	13	28.7
11380	2.0	63.6	13	23.1
11390	0.0	63.4	13	15.7
11400	-0.3	63.3	13	11.9
11410	-0.3	63.2	13	9.5
11420	-1.1	63.1	13	6.6
11430	-14.5	63.1	13	3.4
11440	-5.7	63.1	13	-2.1
11450	-0.4	63.1	13	-4.7
11460	-7.1	63.1	13	-5.3
11470	-8.7	63.2	13	-9.0
11480	-3.5	63.3	13	-12.5
11490	-5.6	63.5	13	-13.8
11500	-10.0	63.7	13	-16.5
11510	-7.5	63.9	13	-21.2
11520	-7.7	64.1	12	-25.0
11530	-10.6	64.5	12	-35.1
11540	-10.2	64.8	12	-40.9
11550	-9.2	65.2	11	-47.3
11560	-10.8	65.7	11	-48.1
11570	-12.2	66.2	10	-48.9
11580	-11.7	66.8	10	-54.5
11590	-12.5	67.5	9	-60.4
11600	-13.8	68.2	8	-66.5
11610	-13.7	69.0	7	-73.4
11620	-13.0	69.8	7	-79.8
11630	-15.1	70.8	6	-95.8
11640	-14.6	71.8	5	-104.3
11650	-13.7	72.9	4	-112.0
11660	-14.4	74.1	2	-119.8
11670	-14.9	75.4	1	-127.7
11680	-14.9	76.7	0	-136.3
11690	-14.5	78.1	-2	-144.5
11700	-15.7	79.6	-3	-152.2
11710	-14.9	81.2	-5	-160.5
11720	-13.7	82.9	-6	-169.0
11730	-15.3	84.6	-8	-174.6
11740	-19.8	86.4	-10	-175.4
11750	-20.2	88.2	-12	-175.9
11760	-17.9	89.9	-13	-175.4
11770	-17.0	91.7	-15	-175.4
11780	-17.9	93.4	-17	-175.4
11790	-18.4	95.2	-19	-175.1
11800	-16.5	96.9	-20	-175.7
11810	-15.7	98.7	-22	-175.4
11820	-14.5	100.4	-24	-175.1

11830	-13.4	102.2	-26	-174.9
11840	-13.3	103.9	-27	-174.9
11850	-13.8	105.7	-29	-174.9
11860	-14.0	107.4	-31	-174.9
11870	-12.3	109.2	-33	-174.9
11880	-12.3	110.9	-34	-175.1
11890	-12.1	112.7	-36	-175.1
11900	-12.9	114.4	-38	-189.2
11910	-35.1	115.8	-39	-138.4
11920	-39.9	117.0	-41	-115.8
11930	-23.9	117.8	-41	-79.3
11940	-14.6	118.5	-42	-63.8
11950	-19.5	118.9	-42	-44.4
11960	-18.6	119.3	-43	-37.0
11970	-10.7	119.6	-43	-25.0
11980	-8.5	119.7	-43	-16.2
11990	-9.8	119.9	-43	-14.1
12000	-7.2	120.0	-44	-10.3
12010	-3.7	120.1	-44	-6.6
12020	-3.8	120.2	-44	-5.8
12030	-3.1	120.2	-44	-4.2
12040	-1.8	120.2	-44	-2.9
12050	-0.9	120.3	-44	-2.3
12060	-0.9	120.3	-44	-1.8
12070	0.0	120.3	-44	-1.0
12080	0.4	120.3	-44	-0.7
12090	0.7	120.3	-44	-0.2
12100	0.9	120.3	-44	0.2
12110	15.5	120.3	-44	0.5
12120	10.0	120.3	-44	7.4
12130	2.4	120.1	-44	12.2
12140	4.6	120.0	-44	14.1
12150	12.5	119.8	-43	18.3
12160	6.8	119.6	-43	25.5
12170	7.9	119.4	-43	30.0
12180	11.4	119.1	-43	34.6
12190	9.4	118.7	-42	41.2
12200	9.6	118.3	-42	47.1
12210	10.8	117.8	-41	53.2
12220	11.0	117.3	-41	59.6
12230	11.1	116.7	-40	66.2
12240	11.7	116.0	-40	72.9
12250	11.3	115.3	-39	79.8
12260	11.5	114.6	-38	86.7
12270	12.2	113.7	-37	93.7
12280	11.4	112.8	-36	91.5
12290	11.1	111.9	-35	98.5
12300	12.1	110.8	-34	104.6
12310	11.9	109.7	-33	111.0
12320	11.0	108.6	-32	117.9
12330	11.8	107.3	-31	123.7
12340	11.8	106.1	-30	130.4
12350	10.4	104.7	-28	136.5
12360	10.4	103.3	-27	142.4

12370	10.8	101.8	-25	147.7
12380	9.8	100.3	-24	153.8
12390	9.6	98.7	-22	158.9
12400	9.6	97.1	-21	163.9
12410	8.1	95.4	-19	168.5
12420	8.0	93.7	-17	173.0
12430	8.8	91.9	-15	177.3
12440	9.1	90.2	-14	179.4
12450	11.1	88.4	-12	179.4
12460	10.6	86.6	-10	179.7
12470	9.1	84.8	-8	179.4
12480	8.7	83.0	-7	179.4
12490	8.9	81.2	-5	179.4
12500	9.4	79.4	-3	179.7
12510	7.7	77.6	-1	179.4
12520	6.1	75.8	1	179.4
12530	6.1	74.0	2	179.4
12540	5.0	72.2	4	179.4
12550	5.0	70.4	6	179.4
12560	6.2	68.7	8	156.5
12570	30.5	67.2	9	150.6
12580	30.5	66.1	10	103.5
12590	13.4	65.3	11	76.4
12600	11.1	64.7	12	62.0
12610	12.6	64.2	12	42.5
12620	7.9	63.9	13	31.6
12630	4.5	63.6	13	23.1
12640	2.0	63.5	13	15.4
12650	-0.5	63.3	13	12.5
12660	-0.1	63.2	13	10.3
12670	-0.3	63.1	13	6.9
12680	-1.2	63.1	13	4.7
12690	-12.9	63.1	13	3.1
12700	-3.8	63.1	13	-2.1
12710	0.4	63.1	13	-3.4
12720	-4.9	63.1	13	-3.4
12730	-7.9	63.2	13	-5.8
12740	-2.7	63.3	13	-9.3
12750	-5.3	63.4	13	-10.9
12760	-9.9	63.6	13	-13.8
12770	-6.8	63.7	13	-18.3
12780	-7.3	64.0	12	-22.0
12790	-10.3	64.3	12	-31.4
12800	-9.4	64.6	12	-37.0
12810	-8.0	65.0	11	-42.5
12820	-10.0	65.4	11	-43.1
12830	-11.4	65.8	11	-43.9
12840	-10.3	66.4	10	-60.4
12850	-11.4	67.0	9	-66.5
12860	-13.2	67.6	9	-66.5
12870	-13.2	68.3	8	-66.0
12880	-12.5	69.1	7	-72.6
12890	-13.4	70.0	6	-87.5
12900	-14.2	70.9	6	-94.7

12910	-12.3	71.9	5	-103.0
12920	-12.5	73.0	3	-109.6
12930	-13.7	74.2	2	-116.6
12940	-12.9	75.4	1	-124.0
12950	-12.6	76.7	0	-130.9
12960	-13.2	78.1	-2	-138.1
12970	-13.2	79.5	-3	-145.0
12980	-11.7	81.0	-5	-152.2
12990	-11.8	82.6	-6	-158.9
13000	-11.9	84.2	-8	-164.7
13010	-11.3	85.9	-9	-171.4
13020	-13.7	87.6	-11	-174.9
13030	-16.8	89.4	-13	-175.1
13040	-15.6	91.2	-15	-175.4
13050	-14.4	92.9	-16	-175.1
13060	-14.9	94.7	-18	-174.9
13070	-16.0	96.4	-20	-175.4
13080	-15.1	98.2	-22	-175.1
13090	-12.1	99.9	-23	-174.9
13100	-12.3	101.7	-25	-174.9
13110	-12.6	103.4	-27	-174.6
13120	-12.2	105.2	-29	-174.9
13130	-11.9	106.9	-30	-175.1
13140	-12.1	108.7	-32	-174.9
13150	-11.1	110.4	-34	-174.9
13160	-10.4	112.2	-36	-175.1
13170	-12.2	113.9	-37	-174.6
13180	-27.7	115.4	-39	-150.4
13190	-39.7	116.6	-40	-103.2
13200	-31.6	117.6	-41	-86.7
13210	-13.8	118.3	-42	-57.5
13220	-17.8	118.8	-42	-48.1
13230	-20.5	119.2	-43	-40.1
13240	-12.6	119.5	-43	-27.4
13250	-6.2	119.7	-43	-18.1
13260	-7.5	119.9	-43	-16.5
13270	-5.8	120.0	-44	-11.4
13280	-0.7	120.1	-44	-7.4
13290	0.0	120.1	-44	-6.3
13300	0.0	120.2	-44	-5.0
13310	0.4	120.2	-44	-3.4
13320	0.5	120.3	-44	-2.3
13330	5.7	120.3	-44	-1.8
13340	8.9	120.3	-44	1.3
13350	3.0	120.2	-44	5.0
13360	2.8	120.2	-44	6.3
13370	9.8	120.1	-44	8.2
13380	8.5	120.0	-44	12.2
13390	6.6	119.8	-43	16.5
13400	8.9	119.6	-43	19.9
13410	9.6	119.3	-43	24.2
13420	8.9	119.0	-43	29.0
13430	8.7	118.6	-42	33.8
13440	9.2	118.2	-42	37.8

13450	9.4	117.8	-41	42.5
13460	9.9	117.3	-41	47.1
13470	10.2	116.7	-40	51.9
13480	10.0	116.1	-40	57.7
13490	11.1	115.4	-39	61.7
13500	11.4	114.7	-38	67.0
13510	10.8	113.9	-37	72.4
13520	11.7	113.0	-37	86.2
13530	11.7	112.1	-36	93.1
13540	11.0	111.1	-35	99.5
13550	11.4	110.1	-34	105.6
13560	10.6	109.0	-33	111.8
13570	11.0	107.8	-31	117.6
13580	11.7	106.6	-30	123.7
13590	10.8	105.3	-29	130.1
13600	10.6	104.0	-28	135.7
13610	11.3	102.6	-26	141.8
13620	11.1	101.1	-25	147.4
13630	9.8	99.6	-23	153.3
13640	10.2	98.0	-22	158.9
13650	9.8	96.4	-20	163.9
13660	8.3	94.7	-18	168.7
13670	9.1	93.0	-17	173.0
13680	8.3	91.2	-15	177.5
13690	8.8	89.4	-13	179.1
13700	11.4	87.6	-11	179.4
13710	10.0	85.8	-9	179.7
13720	8.7	84.0	-8	179.7
13730	9.2	82.3	-6	179.7
13740	8.8	80.5	-4	179.4
13750	8.9	78.7	-2	179.4
13760	7.6	76.9	0	179.4
13770	6.6	75.1	1	179.7
13780	6.0	73.3	3	179.4
13790	5.7	71.5	5	179.1
13800	6.2	69.8	7	161.3
13810	17.4	68.1	8	143.7
13820	35.5	66.7	10	134.9
13830	26.0	65.8	11	91.8
13840	13.2	65.0	11	67.8
13850	13.6	64.5	12	50.5
13860	11.9	64.1	12	33.8
13870	10.3	63.8	13	27.6
13880	6.9	63.6	13	20.7
13890	2.2	63.4	13	14.9
13900	-0.1	63.3	13	9.8
13910	0.0	63.2	13	8.5
13920	0.0	63.1	13	5.5
13930	-0.4	63.1	13	5.3
13940	-1.1	63.0	13	3.4
13950	-11.4	63.0	13	1.5
13960	-4.2	63.0	13	-3.1
13970	-1.1	63.1	13	-5.0
13980	-6.8	63.1	13	-5.3

13990	-8.4	63.2	13	-9.8
14000	-5.4	63.3	13	-14.3
14010	-7.2	63.5	13	-18.3
14020	-9.4	63.7	13	-20.4
14030	-7.9	63.9	13	-25.2
14040	-8.9	64.2	12	-29.8
14050	-10.0	64.5	12	-31.1
14060	-9.9	64.9	12	-35.9
14070	-10.7	65.4	11	-40.9
14080	-12.3	65.9	11	-56.4
14090	-12.9	66.5	10	-64.1
14100	-12.7	67.1	9	-71.6
14110	-14.0	67.8	9	-79.0
14120	-14.5	68.6	8	-87.5
14130	-14.0	69.4	7	-96.3
14140	-13.8	70.4	6	-104.6
14150	-14.4	71.4	5	-103.0
14160	-13.3	72.5	4	-110.7
14170	-13.0	73.6	3	-117.9
14180	-13.6	74.9	2	-125.3
14190	-13.4	76.2	0	-132.5
14200	-13.4	77.6	-1	-140.2
14210	-13.4	79.0	-3	-147.2
14220	-12.3	80.5	-4	-154.9
14230	-11.4	82.1	-6	-161.3
14240	-11.5	83.8	-7	-167.7
14250	-11.9	85.5	-9	-173.3
14260	-15.1	87.3	-11	-174.9
14270	-16.5	89.0	-13	-175.1
14280	-15.2	90.8	-14	-175.4
14290	-14.5	92.5	-16	-174.9
14300	-14.8	94.3	-18	-175.1
14310	-16.0	96.0	-20	-175.4
14320	-15.2	97.8	-21	-175.1
14330	-12.2	99.5	-23	-174.9
14340	-12.3	101.3	-25	-174.9
14350	-12.3	103.0	-27	-174.6
14360	-12.1	104.8	-28	-174.9
14370	-12.1	106.5	-30	-174.9
14380	-12.5	108.3	-32	-174.9
14390	-10.7	110.0	-34	-174.6
14400	-11.0	111.8	-35	-175.1
14410	-13.0	113.5	-37	-174.9
14420	-21.7	115.1	-39	-141.6
14430	-40.1	116.4	-40	-121.6
14440	-35.4	117.4	-41	-100.3
14450	-15.7	118.1	-42	-67.8
14460	-16.7	118.7	-42	-45.2
14470	-20.9	119.1	-43	-38.3
14480	-14.2	119.4	-43	-31.4
14490	-7.3	119.6	-43	-20.7
14500	-7.7	119.8	-43	-13.8
14510	-5.3	119.9	-43	-13.0
14520	-0.5	120.0	-44	-8.5

14530	0.0	120.1	-44	-5.3
14540	0.0	120.1	-44	-5.0
14550	0.4	120.2	-44	-3.9
14560	0.7	120.2	-44	-2.9
14570	7.7	120.2	-44	-1.8
14580	9.1	120.2	-44	2.1
14590	3.1	120.1	-44	5.5
14600	2.6	120.1	-44	6.9
14610	11.1	120.0	-44	8.7
14620	8.0	119.8	-43	14.9
14630	6.6	119.7	-43	19.9
14640	9.9	119.4	-43	25.5
14650	9.8	119.1	-43	31.6
14660	8.4	118.8	-42	34.0
14670	9.6	118.5	-42	35.1
14680	10.0	118.0	-42	39.9
14690	9.8	117.5	-41	44.9
14700	10.0	117.0	-41	50.3
14710	10.6	116.4	-40	54.5
14720	11.0	115.8	-39	59.6
14730	11.5	115.1	-39	65.2
14740	11.1	114.3	-38	70.5
14750	11.7	113.4	-37	84.6
14760	11.7	112.5	-36	90.7
14770	11.0	111.6	-35	97.4
14780	11.0	110.6	-34	103.2
14790	10.4	109.5	-33	109.4
14800	10.0	108.3	-32	115.2
14810	10.7	107.1	-31	120.8
14820	10.4	105.9	-29	126.4
14830	10.0	104.6	-28	132.0
14840	10.4	103.2	-27	137.6
14850	10.6	101.8	-25	142.9
14860	9.5	100.3	-24	148.5
14870	9.6	98.8	-22	153.6
14880	9.5	97.2	-21	158.6
14890	8.1	95.6	-19	163.1
14900	7.7	94.0	-18	167.4
14910	8.7	92.2	-16	171.7
14920	7.5	90.5	-14	175.4
14930	8.0	88.7	-12	178.9
14940	11.0	86.9	-10	179.7
14950	9.8	85.1	-9	179.7
14960	8.7	83.3	-7	179.4
14970	9.1	81.5	-5	179.7
14980	9.1	79.7	-3	179.4
14990	8.1	77.9	-1	179.7
15000	6.9	76.2	0	179.7
15010	7.1	74.4	2	179.4
15020	6.1	72.6	4	179.4
15030	5.8	70.8	6	179.4
15040	6.6	69.0	7	177.5
15050	28.3	67.5	9	145.3
15060	34.4	66.3	10	98.5

15070	18.8	65.5	11	81.4
15080	14.1	64.8	12	60.1
15090	15.6	64.3	12	40.4
15100	12.2	64.0	12	33.8
15110	8.5	63.7	13	24.4
15120	5.3	63.5	13	17.8
15130	1.4	63.3	13	13.5
15140	0.0	63.2	13	10.1
15150	0.0	63.2	13	6.6
15160	-0.1	63.1	13	6.1
15170	-0.7	63.1	13	4.2
15180	-1.4	63.0	13	2.6
15190	-13.4	63.0	13	0.7
15200	-4.7	63.0	13	-3.9
15210	-1.6	63.1	13	-5.5
15220	-9.4	63.2	13	-6.9
15230	-10.3	63.3	13	-10.9
15240	-6.4	63.4	13	-15.7
15250	-8.7	63.6	13	-19.1
15260	-11.7	63.9	13	-28.7
15270	-9.2	64.2	12	-35.4
15280	-9.4	64.6	12	-40.9
15290	-11.5	65.0	11	-42.3
15300	-12.2	65.4	11	-43.6
15310	-11.1	66.0	10	-50.0
15320	-13.4	66.6	10	-55.6
15330	-14.9	67.3	9	-75.3
15340	-14.1	68.0	8	-84.3
15350	-14.2	68.8	8	-92.9
15360	-15.1	69.7	7	-101.4
15370	-15.2	70.7	6	-100.3
15380	-13.7	71.8	5	-109.1
15390	-14.1	73.0	3	-116.8
15400	-14.9	74.2	2	-124.5
15410	-14.1	75.5	1	-132.8
15420	-14.4	76.9	0	-140.5
15430	-15.2	78.3	-2	-148.2
15440	-14.9	79.9	-3	-156.5
15450	-13.0	81.5	-5	-164.5
15460	-13.0	83.2	-7	-171.7
15470	-15.9	85.0	-9	-175.1
15480	-18.4	86.7	-10	-175.1
15490	-17.0	88.5	-12	-175.4
15500	-15.5	90.2	-14	-175.4
15510	-15.5	92.0	-16	-175.1
15520	-15.5	93.7	-17	-175.7
15530	-16.3	95.5	-19	-175.1
15540	-15.1	97.2	-21	-175.1
15550	-13.3	99.0	-23	-175.1
15560	-12.5	100.7	-24	-174.9
15570	-11.3	102.5	-26	-174.6
15580	-11.4	104.2	-28	-174.9
15590	-11.8	106.0	-30	-174.6
15600	-12.1	107.7	-31	-174.9

15610	-10.2	109.5	-33	-174.9
15620	-10.8	111.2	-35	-174.6
15630	-11.0	113.0	-37	-174.9
15640	-13.4	114.6	-38	-151.4
15650	-37.0	116.1	-40	-145.3
15660	-38.4	117.1	-41	-101.1
15670	-19.4	117.9	-41	-75.3
15680	-12.7	118.5	-42	-49.7
15690	-19.0	119.0	-43	-42.0
15700	-16.1	119.3	-43	-34.8
15710	-6.6	119.6	-43	-23.4
15720	-4.5	119.8	-43	-15.4
15730	-5.6	119.9	-43	-14.3
15740	-1.4	120.0	-44	-10.6
15750	0.1	120.1	-44	-6.6
15760	0.0	120.1	-44	-4.7
15770	0.3	120.2	-44	-3.9
15780	0.5	120.2	-44	-3.4
15790	4.3	120.2	-44	-2.1
15800	8.0	120.2	-44	1.0
15810	2.7	120.2	-44	4.2
15820	1.8	120.2	-44	5.5
15830	8.7	120.1	-44	6.6
15840	7.1	120.0	-44	9.8
15850	6.1	119.9	-43	13.3
15860	8.1	119.7	-43	16.2
15870	8.0	119.5	-43	20.2
15880	6.9	119.2	-43	29.5
15890	7.9	118.9	-42	33.8
15900	8.3	118.6	-42	38.6
15910	7.6	118.2	-42	43.3
15920	8.4	117.8	-41	48.1
15930	9.5	117.3	-41	53.2
15940	9.8	116.8	-40	58.8
15950	9.6	116.2	-40	64.6
15960	10.3	115.6	-39	70.5
15970	10.4	114.9	-38	76.6
15980	10.6	114.1	-38	82.7
15990	11.0	113.3	-37	88.9
16000	10.6	112.5	-36	87.0
16010	10.6	111.6	-35	92.9
16020	11.3	110.6	-34	98.7
16030	10.2	109.6	-33	104.8
16040	10.0	108.5	-32	110.4
16050	11.5	107.3	-31	116.0
16060	11.3	106.1	-30	122.4
16070	9.9	104.8	-28	128.3
16080	10.3	103.5	-27	133.9
16090	11.0	102.1	-26	139.5
16100	10.3	100.7	-24	145.3
16110	9.9	99.2	-23	150.6
16120	10.4	97.7	-21	155.7
16130	9.2	96.1	-20	161.0
16140	8.1	94.4	-18	166.1

16150	10.0	92.7	-16	170.3
16160	9.2	91.0	-15	175.1
16170	8.8	89.2	-13	178.9
16180	12.7	87.4	-11	179.4
16190	11.5	85.6	-9	179.7
16200	9.5	83.8	-7	179.1
16210	10.8	82.0	-6	179.7
16220	11.0	80.2	-4	179.7
16230	10.2	78.4	-2	179.4
16240	9.1	76.6	0	179.7
16250	8.9	74.8	2	179.4
16260	7.5	73.0	3	179.7
16270	6.8	71.3	5	179.4
16280	7.2	69.5	7	179.4
16290	21.2	67.9	9	155.7
16300	35.1	66.6	10	106.7
16310	22.4	65.7	11	88.6
16320	11.9	64.9	12	65.7
16330	13.0	64.4	12	44.1
16340	11.4	64.0	12	37.0
16350	6.9	63.7	13	27.1
16360	4.7	63.5	13	17.8
16370	1.5	63.3	13	14.6
16380	-0.1	63.2	13	11.1
16390	-0.1	63.1	13	7.4
16400	-0.1	63.1	13	6.9
16410	-0.8	63.0	13	4.5
16420	-8.3	63.0	13	2.9
16430	-6.4	63.0	13	-1.0
16440	0.0	63.0	13	-3.9
16450	-4.7	63.1	13	-3.7
16460	-8.3	63.1	13	-6.9
16470	-4.6	63.2	13	-11.4
16480	-6.5	63.3	13	-14.6
16490	-10.7	63.5	13	-16.7
16500	-8.4	63.7	13	-19.9
16510	-7.3	63.9	13	-24.2
16520	-10.4	64.2	12	-28.4
16530	-10.3	64.6	12	-32.7
16540	-8.8	65.0	11	-37.8
16550	-10.8	65.5	11	-42.3
16560	-12.3	66.0	10	-58.3
16570	-12.1	66.6	10	-65.7
16580	-12.3	67.2	9	-72.9
16590	-14.0	67.9	9	-80.1
16600	-14.0	68.7	8	-88.6
16610	-12.7	69.6	7	-96.9
16620	-13.8	70.5	6	-95.0
16630	-13.4	71.5	5	-102.7
16640	-12.6	72.6	4	-110.4
16650	-12.6	73.8	3	-117.4
16660	-13.8	75.0	1	-124.8
16670	-13.8	76.3	0	-132.0
16680	-13.8	77.7	-1	-139.5

16690	-14.5	79.1	-3	-146.9
16700	-13.6	80.7	-4	-155.2
16710	-12.9	82.3	-6	-162.1
16720	-13.3	83.9	-7	-169.3
16730	-14.1	85.7	-9	-174.6
16740	-18.4	87.4	-11	-175.1
16750	-19.5	89.2	-13	-175.7
16760	-17.0	91.0	-15	-175.7
16770	-17.6	92.7	-16	-175.1
16780	-18.8	94.5	-18	-175.4
16790	-19.3	96.2	-20	-175.7
16800	-18.3	98.0	-22	-175.4
16810	-15.6	99.7	-23	-175.4
16820	-15.6	101.5	-25	-175.4
16830	-15.6	103.2	-27	-174.9
16840	-15.3	105.0	-29	-175.1
16850	-15.1	106.7	-30	-175.1
16860	-15.2	108.5	-32	-175.1
16870	-13.8	110.2	-34	-175.1
16880	-14.0	112.0	-36	-175.1
16890	-15.6	113.7	-37	-174.9
16900	-27.9	115.3	-39	-137.9
16910	-42.8	116.5	-40	-118.4
16920	-36.6	117.5	-41	-79.8
16930	-17.6	118.2	-42	-65.7
16940	-19.7	118.8	-42	-44.1
16950	-23.9	119.2	-43	-37.5
16960	-16.4	119.5	-43	-30.6
16970	-10.7	119.7	-43	-20.4
16980	-12.5	119.9	-43	-13.8
16990	-10.6	120.0	-44	-12.7
17000	-4.6	120.1	-44	-9.0
17010	-1.6	120.1	-44	-5.8
17020	-1.5	120.2	-44	-4.5
17030	0.0	120.2	-44	-3.7
17040	0.1	120.2	-44	-2.3
17050	0.3	120.3	-44	-1.5
17060	0.5	120.3	-44	-1.3
17070	0.8	120.3	-44	-0.7
17080	10.7	120.3	-44	0.2
17090	10.0	120.3	-44	4.5
17100	3.4	120.2	-44	9.8
17110	5.0	120.1	-44	12.5
17120	12.1	119.9	-43	15.4
17130	7.6	119.8	-43	22.0
17140	6.9	119.5	-43	27.1
17150	10.6	119.2	-43	31.6
17160	9.9	118.9	-42	37.2
17170	9.2	118.5	-42	43.3
17180	10.7	118.1	-42	49.2
17190	10.3	117.6	-41	55.6
17200	10.6	117.0	-41	62.0
17210	11.9	116.4	-40	68.4
17220	11.0	115.8	-39	75.3

17230	11.3	115.0	-39	81.9
17240	12.1	114.2	-38	88.6
17250	11.5	113.4	-37	95.8
17260	11.1	112.5	-36	93.1
17270	11.1	111.5	-35	99.5
17280	10.8	110.5	-34	105.6
17290	10.0	109.4	-33	111.5
17300	10.6	108.2	-32	117.1
17310	11.4	107.0	-31	122.7
17320	10.6	105.7	-29	128.8
17330	9.6	104.4	-28	134.7
17340	10.0	103.0	-27	140.0
17350	10.2	101.5	-25	145.0
17360	9.4	100.1	-24	150.6
17370	9.1	98.5	-22	155.4
17380	8.8	96.9	-20	160.0
17390	7.6	95.3	-19	164.7
17400	7.9	93.6	-17	168.5
17410	8.1	91.9	-15	172.5
17420	7.1	90.1	-14	176.2
17430	8.3	88.4	-12	178.9
17440	10.4	86.6	-10	179.4
17450	9.2	84.8	-8	179.7
17460	8.5	83.0	-7	179.1
17470	8.5	81.2	-5	179.4
17480	9.1	79.4	-3	179.4
17490	8.3	77.6	-1	179.4
17500	7.1	75.8	1	179.7
17510	7.6	74.0	2	179.7
17520	6.5	72.2	4	179.4
17530	6.4	70.4	6	179.7
17540	8.8	68.7	8	156.5
17550	32.8	67.2	9	150.4
17560	32.7	66.1	10	104.0
17570	16.1	65.3	11	76.6
17580	14.1	64.7	12	62.2
17590	14.6	64.2	12	42.8
17600	11.1	63.9	13	31.4
17610	8.1	63.6	13	25.2
17620	5.0	63.4	13	15.1
17630	1.2	63.3	13	12.5
17640	0.1	63.2	13	9.3
17650	1.2	63.1	13	6.1
17660	-0.5	63.1	13	5.3
17670	-0.4	63.0	13	3.4
17680	-0.7	63.0	13	2.6
17690	-1.1	63.0	13	1.8
17700	-10.2	63.0	13	0.5
17710	-5.4	63.0	13	-2.6
17720	-1.8	63.0	13	-6.1
17730	-8.1	63.1	13	-7.4
17740	-10.7	63.2	13	-10.6
17750	-7.2	63.3	13	-14.3
17760	-8.1	63.5	13	-18.3

17770	-11.5	63.8	13	-27.4
17780	-9.9	64.1	12	-30.8
17790	-9.9	64.4	12	-36.4
17800	-12.2	64.8	12	-37.5
17810	-13.7	65.3	11	-43.3
17820	-13.6	65.8	11	-50.0
17830	-15.7	66.5	10	-63.8
17840	-17.0	67.2	9	-79.0
17850	-16.7	68.0	8	-89.1
17860	-16.8	68.8	8	-99.3
17870	-17.2	69.8	7	-109.4
17880	-17.8	70.9	6	-108.8
17890	-16.4	72.0	4	-119.2
17900	-16.7	73.3	3	-128.0
17910	-17.9	74.7	2	-137.9
17920	-17.9	76.1	0	-147.4
17930	-18.0	77.7	-1	-157.3
17940	-18.6	79.3	-3	-167.1
17950	-18.3	81.0	-5	-175.1
17960	-22.8	82.8	-6	-175.7
17970	-24.5	84.6	-8	-175.9
17980	-21.4	86.3	-10	-175.9
17990	-20.7	88.1	-12	-175.9
18000	-22.4	89.8	-13	-175.7
18010	-20.7	91.6	-15	-175.9
18020	-19.4	93.4	-17	-175.7
18030	-19.7	95.1	-19	-175.4
18040	-18.6	96.9	-20	-175.7
18050	-17.2	98.6	-22	-175.7
18060	-15.7	100.4	-24	-175.1
18070	-14.8	102.1	-26	-175.4
18080	-14.9	103.9	-27	-175.1
18090	-15.5	105.6	-29	-175.1
18100	-15.1	107.4	-31	-175.4
18110	-13.8	109.1	-33	-175.1
18120	-13.7	110.9	-34	-175.1
18130	-13.2	112.6	-36	-175.1
18140	-13.8	114.4	-38	-172.7
18150	-36.3	115.8	-39	-139.5
18160	-41.8	117.0	-41	-116.0
18170	-27.0	117.8	-41	-79.8
18180	-16.1	118.4	-42	-63.8
18190	-20.5	118.9	-42	-44.1
18200	-19.9	119.3	-43	-33.5
18210	-12.5	119.5	-43	-22.0
18220	-9.6	119.7	-43	-19.9
18230	-10.2	119.9	-43	-13.8
18240	-6.8	120.0	-44	-11.1
18250	-2.2	120.1	-44	-7.1
18260	-1.9	120.1	-44	-4.5
18270	-2.0	120.2	-44	-4.5
18280	0.0	120.2	-44	-2.9
18290	0.3	120.2	-44	-2.1
18300	0.4	120.2	-44	-1.8

18310	0.5	120.3	-44	-1.3
18320	1.4	120.3	-44	-0.7
18330	15.5	120.3	-44	1.0
18340	8.7	120.2	-44	7.4
18350	3.5	120.1	-44	11.4
18360	8.3	120.0	-44	14.9
18370	10.6	119.8	-43	19.1
18380	7.7	119.6	-43	25.8
18390	8.3	119.3	-43	30.6

ISOK_EXERC_ER_IR_180_R_SIDE
01/08
Set #7

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	-5.7	87.7	-11	85.7
10	2.0	86.8	-10	83.5
20	19.8	86.0	-10	84.6
30	15.7	85.1	-9	93.7
40	0.0	84.1	-8	102.7
50	1.6	83.0	-7	103.8
60	13.0	82.0	-6	105.1
70	14.4	80.9	-4	110.7
80	4.6	79.7	-3	117.9
90	5.4	78.5	-2	121.1
100	4.5	77.3	-1	123.2
110	6.5	76.0	0	125.6
120	8.5	74.8	2	129.1
130	4.6	73.4	3	133.3
140	4.3	72.1	4	135.7
150	8.8	70.7	6	138.1
160	9.2	69.4	7	127.5
170	22.8	68.0	8	134.1
180	28.7	67.0	9	99.0
190	20.1	66.2	10	79.0
200	15.6	65.5	11	56.1
210	16.3	65.0	11	50.5
220	15.9	64.6	12	36.4
230	15.2	64.2	12	32.4
240	12.1	64.0	12	25.8
250	7.2	63.7	13	18.1
260	6.1	63.6	13	16.2
270	7.2	63.4	13	14.1
280	6.6	63.3	13	10.3
290	5.2	63.2	13	9.0
300	5.6	63.2	13	6.3
310	6.6	63.1	13	5.8
320	6.6	63.1	13	4.2
330	6.1	63.0	13	3.4
340	5.6	63.0	13	2.3
350	4.6	63.0	13	2.3
360	3.4	63.0	13	2.3
370	2.8	62.9	14	2.6
380	2.0	62.9	14	2.6
390	2.2	62.9	14	0.7
400	1.4	62.9	14	0.0
410	-0.7	62.9	14	0.0
420	-0.7	62.9	14	1.0
430	-0.8	62.9	14	1.5
440	-0.9	62.9	14	0.2
450	-4.6	62.9	14	0.2
460	-14.6	62.9	14	-2.1
470	-8.9	62.9	14	-5.0
480	-5.0	63.0	13	-8.2

490	-11.5	63.1	13	-10.9
500	-12.6	63.3	13	-19.4
510	-10.8	63.5	13	-26.8
520	-10.6	63.8	13	-33.5
530	-12.9	64.1	12	-36.4
540	-13.3	64.5	12	-38.8
550	-12.1	65.0	11	-45.2
560	-12.3	65.6	11	-51.6
570	-14.2	66.2	10	-70.5
580	-14.4	66.9	10	-78.8
590	-13.7	67.7	9	-87.3
600	-14.8	68.6	8	-95.5
610	-15.3	69.5	7	-104.6
620	-15.2	70.5	6	-103.2
630	-14.6	71.6	5	-112.0
640	-14.5	72.8	4	-120.3
650	-14.5	74.0	2	-128.0
660	-14.5	75.4	1	-136.5
670	-14.6	76.8	0	-144.2
680	-14.8	78.3	-2	-152.5
690	-14.6	79.9	-3	-160.5
700	-13.3	81.6	-5	-168.2
710	-13.4	83.3	-7	-174.6
720	-18.3	85.0	-9	-174.9
730	-19.7	86.8	-10	-175.4
740	-16.5	88.6	-12	-175.4
750	-16.0	90.3	-14	-174.9
760	-16.1	92.1	-16	-175.1
770	-15.5	93.8	-17	-175.4
780	-15.7	95.6	-19	-174.9
790	-14.8	97.3	-21	-175.1
800	-12.7	99.1	-23	-174.9
810	-11.9	100.8	-24	-174.6
820	-11.1	102.6	-26	-174.6
830	-10.8	104.3	-28	-174.6
840	-11.3	106.0	-30	-174.6
850	-11.3	107.8	-31	-174.6
860	-9.1	109.5	-33	-174.6
870	-9.5	111.3	-35	-174.3
880	-9.9	113.0	-37	-174.3
890	-12.3	114.7	-38	-150.4
900	-36.2	116.1	-40	-143.7
910	-37.7	117.1	-41	-100.0
920	-18.2	118.0	-42	-81.7
930	-13.4	118.5	-42	-55.3
940	-17.0	119.0	-43	-42.0
950	-15.7	119.3	-43	-28.4
960	-8.7	119.6	-43	-25.5
970	-7.5	119.8	-43	-19.1
980	-6.2	119.9	-43	-11.9
990	-3.0	120.0	-44	-10.9
1000	-0.1	120.1	-44	-6.9
1010	0.0	120.2	-44	-4.7
1020	0.0	120.2	-44	-4.5

1030	0.3	120.2	-44	-3.1
1040	0.4	120.3	-44	-1.8
1050	0.7	120.3	-44	-1.8
1060	3.7	120.3	-44	-0.7
1070	10.6	120.3	-44	1.8
1080	5.7	120.2	-44	5.3
1090	3.3	120.2	-44	8.2
1100	9.5	120.0	-44	10.3
1110	9.5	119.9	-43	14.3
1120	7.9	119.7	-43	19.1
1130	8.9	119.5	-43	23.1
1140	8.9	119.2	-43	27.1
1150	9.1	118.8	-42	31.6
1160	9.5	118.4	-42	36.4
1170	8.7	118.0	-42	50.0
1180	8.7	117.5	-41	55.3
1190	9.8	117.0	-41	55.1
1200	10.0	116.4	-40	54.0
1210	9.6	115.7	-39	59.1
1220	10.2	115.1	-39	63.6
1230	9.8	114.3	-38	68.6
1240	9.6	113.5	-37	73.2
1250	9.5	112.6	-36	86.5
1260	9.1	111.7	-35	91.5
1270	8.7	110.8	-34	96.3
1280	8.9	109.8	-33	101.1
1290	8.8	108.7	-32	105.9
1300	9.8	107.6	-31	110.7
1310	9.8	106.5	-30	116.0
1320	9.4	105.3	-29	121.1
1330	8.7	104.0	-28	126.4
1340	9.1	102.7	-26	131.2
1350	9.1	101.4	-25	136.0
1360	7.9	100.0	-24	140.5
1370	8.3	98.5	-22	145.0
1380	8.3	97.0	-21	149.3
1390	7.3	95.5	-19	153.6
1400	7.3	94.0	-18	157.3
1410	8.3	92.4	-16	160.7
1420	7.1	90.7	-14	164.7
1430	7.1	89.0	-13	168.5
1440	7.7	87.3	-11	171.7
1450	6.0	85.6	-9	175.4
1460	5.4	83.8	-7	178.1
1470	7.2	82.0	-6	178.9
1480	8.1	80.2	-4	179.1
1490	7.7	78.4	-2	179.4
1500	6.2	76.6	0	179.4
1510	6.1	74.8	2	179.4
1520	6.2	73.1	3	179.7
1530	6.2	71.3	5	179.7
1540	6.8	69.6	7	161.5
1550	21.3	67.9	9	139.2
1560	36.1	66.6	10	119.0

1570	23.9	65.6	11	86.7
1580	12.7	65.0	11	64.6
1590	12.3	64.5	12	48.1
1600	11.9	64.0	12	39.1
1610	9.5	63.8	13	26.3
1620	5.7	63.6	13	19.4
1630	0.1	63.4	13	13.8
1640	-0.1	63.3	13	9.5
1650	-0.3	63.2	13	8.7
1660	-0.8	63.2	13	5.5
1670	-11.8	63.1	13	3.9
1680	-9.6	63.1	13	-1.5
1690	-2.6	63.2	13	-6.3
1700	-5.8	63.2	13	-8.2
1710	-11.7	63.3	13	-11.7
1720	-8.8	63.5	13	-18.6
1730	-8.7	63.7	13	-24.2
1740	-11.4	63.9	13	-26.8
1750	-13.3	64.2	12	-29.2
1760	-12.3	64.6	12	-35.6
1770	-12.2	65.1	11	-42.0
1780	-13.6	65.6	11	-58.8
1790	-14.0	66.2	10	-66.8
1800	-14.2	66.9	10	-75.3
1810	-14.8	67.6	9	-83.3
1820	-15.7	68.4	8	-92.9
1830	-15.6	69.4	7	-102.2
1840	-15.7	70.4	6	-111.2
1850	-16.4	71.4	5	-110.2
1860	-15.1	72.6	4	-119.0
1870	-14.2	73.9	3	-127.5
1880	-14.4	75.2	1	-135.7
1890	-14.4	76.6	0	-143.2
1900	-14.1	78.1	-2	-151.2
1910	-14.2	79.7	-3	-158.9
1920	-13.2	81.3	-5	-166.6
1930	-13.0	83.0	-7	-173.5
1940	-17.1	84.8	-8	-174.9
1950	-19.0	86.5	-10	-175.4
1960	-16.8	88.3	-12	-175.4
1970	-15.6	90.0	-14	-175.1
1980	-15.1	91.8	-15	-174.9
1990	-14.2	93.5	-17	-175.1
2000	-14.1	95.3	-19	-174.9
2010	-13.2	97.0	-21	-174.9
2020	-11.4	98.8	-22	-174.9
2030	-10.2	100.5	-24	-174.3
2040	-8.9	102.3	-26	-174.6
2050	-8.5	104.0	-28	-174.3
2060	-8.4	105.8	-29	-174.3
2070	-8.0	107.5	-31	-174.3
2080	-5.6	109.3	-33	-174.3
2090	-4.6	111.0	-35	-174.1
2100	-3.4	112.7	-36	-173.8

2110	-4.2	114.5	-38	-187.6
2120	-27.8	115.8	-39	-136.0
2130	-30.4	117.0	-41	-113.1
2140	-14.2	117.8	-41	-77.4
2150	-5.3	118.4	-42	-51.1
2160	-6.4	118.9	-42	-43.1
2170	-6.4	119.2	-43	-29.2
2180	-1.6	119.5	-43	-26.6
2190	0.1	119.7	-43	-18.1
2200	0.1	119.8	-43	-12.2
2210	0.8	119.9	-43	-11.4
2220	14.5	120.0	-44	-7.1
2230	8.8	120.0	-44	0.7
2240	2.4	120.0	-44	4.2
2250	5.3	120.0	-44	5.5
2260	7.6	119.9	-43	8.5
2270	5.6	119.8	-43	13.3
2280	5.8	119.6	-43	17.0
2290	7.7	119.5	-43	20.2
2300	7.3	119.2	-43	24.4
2310	9.2	119.0	-43	29.2
2320	9.6	118.7	-42	34.6
2330	9.1	118.3	-42	40.7
2340	9.6	117.9	-41	46.3
2350	10.2	117.4	-41	52.1
2360	9.5	116.9	-40	58.3
2370	9.2	116.4	-40	58.0
2380	9.6	115.8	-39	56.4
2390	10.2	115.1	-39	61.4
2400	10.0	114.4	-38	66.2
2410	10.7	113.6	-37	79.3
2420	10.6	112.7	-36	85.1
2430	11.1	111.8	-35	91.0
2440	11.4	110.9	-34	97.1
2450	10.3	109.9	-33	103.2
2460	10.3	108.8	-32	109.1
2470	10.8	107.7	-31	114.7
2480	10.6	106.5	-30	120.8
2490	9.9	105.2	-29	126.1
2500	10.0	103.9	-27	131.7
2510	10.8	102.5	-26	137.3
2520	10.6	101.1	-25	142.6
2530	9.8	99.7	-23	148.5
2540	10.3	98.1	-22	153.8
2550	9.9	96.6	-20	159.2
2560	8.4	94.9	-18	164.5
2570	8.7	93.2	-17	168.5
2580	8.3	91.5	-15	173.0
2590	7.9	89.8	-13	177.0
2600	9.6	88.0	-12	179.4
2610	10.8	86.2	-10	179.7
2620	9.8	84.4	-8	179.7
2630	9.5	82.6	-6	179.4
2640	9.9	80.8	-4	179.4

2650	9.8	79.0	-3	179.7
2660	8.1	77.2	-1	179.7
2670	7.7	75.4	1	179.4
2680	6.9	73.6	3	179.7
2690	5.8	71.8	5	179.4
2700	5.8	70.0	6	179.4
2710	10.6	68.4	8	168.5
2720	34.2	67.0	9	116.0
2730	28.5	65.9	11	96.9
2740	12.6	65.2	11	71.3
2750	12.7	64.6	12	47.6
2760	12.3	64.2	12	39.9
2770	9.4	63.8	13	29.2
2780	7.1	63.6	13	23.6
2790	2.7	63.4	13	15.7
2800	-0.5	63.3	13	11.4
2810	-0.1	63.2	13	9.5
2820	-0.1	63.2	13	6.3
2830	-0.8	63.1	13	4.5
2840	-7.1	63.1	13	3.1
2850	-9.4	63.1	13	-1.5
2860	-2.6	63.1	13	-6.1
2870	-3.9	63.2	13	-7.4
2880	-10.3	63.3	13	-9.0
2890	-8.9	63.4	13	-12.7
2900	-6.9	63.6	13	-17.0
2910	-11.3	63.8	13	-20.7
2920	-12.3	64.1	12	-31.9
2930	-11.4	64.4	12	-39.1
2940	-12.1	64.8	12	-46.0
2950	-14.0	65.3	11	-48.4
2960	-14.0	65.8	11	-50.3
2970	-13.8	66.4	10	-57.5
2980	-15.7	67.1	9	-78.5
2990	-16.1	67.9	9	-87.8
3000	-15.6	68.8	8	-97.4
3010	-15.5	69.7	7	-107.0
3020	-16.4	70.8	6	-105.6
3030	-15.1	71.9	5	-115.0
3040	-14.2	73.1	3	-123.2
3050	-15.1	74.4	2	-131.2
3060	-14.5	75.8	1	-139.2
3070	-14.1	77.2	-1	-147.2
3080	-14.5	78.8	-2	-154.6
3090	-14.4	80.4	-4	-162.9
3100	-13.0	82.1	-6	-170.3
3110	-14.8	83.8	-7	-174.9
3120	-18.7	85.6	-9	-175.4
3130	-19.0	87.3	-11	-175.4
3140	-16.0	89.1	-13	-175.4
3150	-15.5	90.8	-14	-175.4
3160	-16.5	92.6	-16	-175.1
3170	-15.3	94.3	-18	-175.1
3180	-15.3	96.1	-20	-175.1

3190	-15.2	97.8	-21	-175.1
3200	-13.0	99.6	-23	-174.9
3210	-12.6	101.3	-25	-175.1
3220	-12.6	103.1	-27	-174.6
3230	-12.9	104.8	-28	-174.9
3240	-12.3	106.6	-30	-174.9
3250	-12.5	108.3	-32	-174.9
3260	-11.0	110.1	-34	-174.9
3270	-11.1	111.8	-35	-174.9
3280	-12.5	113.5	-37	-157.6
3290	-22.5	115.1	-39	-140.8
3300	-40.3	116.4	-40	-121.6
3310	-36.5	117.4	-41	-82.2
3320	-17.4	118.1	-42	-68.1
3330	-18.0	118.7	-42	-45.7
3340	-22.2	119.1	-43	-38.8
3350	-16.5	119.4	-43	-31.9
3360	-9.2	119.7	-43	-21.5
3370	-10.2	119.8	-43	-14.3
3380	-9.4	120.0	-44	-13.3
3390	-5.2	120.1	-44	-9.0
3400	-1.8	120.1	-44	-5.5
3410	-0.1	120.2	-44	-5.0
3420	0.0	120.2	-44	-3.4
3430	0.0	120.3	-44	-2.3
3440	0.3	120.3	-44	-1.8
3450	0.5	120.3	-44	-1.5
3460	1.1	120.3	-44	-1.0
3470	14.6	120.3	-44	0.7
3480	8.1	120.3	-44	6.6
3490	3.4	120.2	-44	10.1
3500	7.7	120.0	-44	11.4
3510	9.8	119.9	-43	14.3
3520	8.9	119.7	-43	19.4
3530	9.5	119.4	-43	23.9
3540	8.9	119.1	-43	28.4
3550	8.9	118.8	-42	40.4
3560	10.0	118.4	-42	45.7
3570	9.1	117.9	-41	51.3
3580	8.8	117.4	-41	57.5
3590	10.7	116.8	-40	62.8
3600	11.0	116.2	-40	69.2
3610	11.0	115.5	-39	75.6
3620	11.5	114.8	-38	82.2
3630	11.7	114.0	-38	89.1
3640	11.4	113.1	-37	95.8
3650	11.3	112.2	-36	93.7
3660	10.8	111.2	-35	100.0
3670	10.3	110.2	-34	105.6
3680	10.2	109.1	-33	111.8
3690	10.7	107.9	-31	117.1
3700	10.8	106.7	-30	122.9
3710	10.6	105.4	-29	128.8
3720	9.8	104.1	-28	134.4

3730	10.2	102.7	-26	140.0
3740	9.6	101.3	-25	145.0
3750	8.1	99.8	-23	150.1
3760	8.1	98.3	-22	154.6
3770	7.9	96.7	-20	158.9
3780	6.4	95.1	-19	162.6
3790	6.9	93.4	-17	165.8
3800	6.9	91.7	-15	168.7
3810	6.4	90.0	-14	171.9
3820	7.5	88.3	-12	175.1
3830	6.8	86.5	-10	178.6
3840	7.9	84.7	-8	179.4
3850	8.5	82.9	-6	179.1
3860	7.2	81.1	-5	179.4
3870	7.2	79.3	-3	179.1
3880	6.2	77.5	-1	179.4
3890	5.4	75.7	1	179.4
3900	6.1	74.0	2	179.4
3910	5.4	72.2	4	179.4
3920	5.2	70.4	6	179.4
3930	7.9	68.6	8	190.3
3940	31.1	67.2	9	137.1
3950	30.4	66.1	10	112.8
3960	14.8	65.3	11	76.4
3970	11.4	64.7	12	56.9
3980	11.7	64.2	12	42.5
3990	10.6	63.9	13	28.4
4000	8.0	63.6	13	23.6
4010	2.2	63.4	13	17.3
4020	-0.4	63.3	13	13.8
4030	0.0	63.2	13	9.5
4040	0.0	63.1	13	6.3
4050	-0.3	63.0	13	6.1
4060	-0.9	63.0	13	3.9
4070	-11.7	63.0	13	2.3
4080	-6.4	63.0	13	-2.3
4090	-1.6	63.0	13	-4.5
4100	-6.5	63.1	13	-5.5
4110	-9.2	63.2	13	-8.7
4120	-6.9	63.3	13	-13.0
4130	-8.0	63.5	13	-16.7
4140	-11.4	63.7	13	-25.2
4150	-10.2	64.0	12	-31.6
4160	-10.6	64.3	12	-38.0
4170	-12.2	64.7	12	-40.1
4180	-13.3	65.1	11	-41.7
4190	-12.9	65.7	11	-48.7
4200	-14.0	66.3	10	-55.1
4210	-16.1	67.0	9	-75.8
4220	-15.6	67.7	9	-85.1
4230	-15.6	68.6	8	-94.7
4240	-16.0	69.5	7	-104.3
4250	-16.7	70.5	6	-103.5
4260	-15.5	71.6	5	-113.1

4270	-15.2	72.8	4	-121.9
4280	-15.2	74.1	2	-130.1
4290	-15.2	75.4	1	-138.7
4300	-15.3	76.9	0	-146.6
4310	-15.6	78.4	-2	-155.2
4320	-15.3	80.0	-4	-163.7
4330	-13.4	81.7	-5	-171.9
4340	-16.3	83.5	-7	-175.1
4350	-19.1	85.2	-9	-175.4
4360	-18.4	87.0	-11	-175.1
4370	-15.3	88.8	-12	-175.1
4380	-16.1	90.5	-14	-175.1
4390	-16.1	92.3	-16	-175.1
4400	-14.5	94.0	-18	-175.1
4410	-15.3	95.8	-19	-175.1
4420	-15.1	97.5	-21	-174.9
4430	-12.2	99.3	-23	-175.1
4440	-11.5	101.0	-25	-174.9
4450	-11.5	102.8	-26	-174.6
4460	-11.0	104.5	-28	-174.9
4470	-10.7	106.3	-30	-174.6
4480	-11.0	108.0	-32	-174.9
4490	-8.8	109.7	-33	-174.6
4500	-9.1	111.5	-35	-174.6
4510	-9.9	113.2	-37	-174.3
4520	-15.2	114.9	-38	-180.2
4530	-37.3	116.2	-40	-127.2
4540	-35.9	117.3	-41	-105.1
4550	-14.6	118.0	-42	-71.6
4560	-12.3	118.6	-42	-57.7
4570	-15.6	119.0	-43	-40.1
4580	-9.9	119.4	-43	-32.7
4590	-2.7	119.6	-43	-24.2
4600	-1.4	119.8	-43	-16.5
4610	0.7	119.9	-43	-11.1
4620	0.1	120.0	-44	-10.3
4630	0.5	120.1	-44	-6.9
4640	6.0	120.1	-44	-4.2
4650	14.1	120.1	-44	0.5
4660	3.9	120.1	-44	6.9
4670	0.9	120.0	-44	9.3
4680	10.8	119.9	-43	9.5
4690	8.5	119.8	-43	13.0
4700	5.3	119.6	-43	17.3
4710	9.9	119.4	-43	20.2
4720	9.9	119.1	-43	24.7
4730	9.2	118.8	-42	29.8
4740	10.6	118.4	-42	34.6
4750	10.3	118.0	-42	39.6
4760	10.0	117.5	-41	44.9
4770	11.1	117.0	-41	50.0
4780	10.4	116.4	-40	55.1
4790	9.8	115.7	-39	73.7
4800	11.7	115.0	-39	79.8

4810	11.4	114.2	-38	86.5
4820	11.5	113.4	-37	92.9
4830	12.1	112.5	-36	90.7
4840	11.5	111.5	-35	97.7
4850	12.3	110.5	-34	104.0
4860	11.5	109.4	-33	110.7
4870	10.8	108.3	-32	117.4
4880	11.8	107.1	-31	123.2
4890	11.4	105.8	-29	129.9
4900	9.9	104.4	-28	135.7
4910	10.6	103.0	-27	141.3
4920	11.0	101.6	-25	146.9
4930	10.4	100.1	-24	152.8
4940	10.8	98.5	-22	158.4
4950	10.7	96.9	-20	163.7
4960	8.9	95.2	-19	169.5
4970	9.4	93.5	-17	174.1
4980	9.4	91.7	-15	178.6
4990	10.8	89.9	-13	179.4
5000	12.1	88.1	-12	179.7
5010	10.3	86.3	-10	179.7
5020	9.8	84.5	-8	179.7
5030	9.9	82.7	-6	179.7
5040	10.0	80.9	-4	179.4
5050	10.3	79.1	-3	179.7
5060	8.4	77.3	-1	179.4
5070	7.1	75.5	1	179.4
5080	7.2	73.7	3	179.7
5090	6.0	71.9	5	179.1
5100	6.1	70.1	6	179.4
5110	10.4	68.4	8	186.6
5120	33.4	67.1	9	132.0
5130	28.5	65.9	11	108.0
5140	12.3	65.2	11	73.2
5150	11.8	64.6	12	54.3
5160	11.4	64.2	12	44.4
5170	8.9	63.9	13	30.0
5180	6.1	63.6	13	22.3
5190	1.6	63.4	13	16.2
5200	-0.1	63.3	13	13.3
5210	-0.1	63.2	13	9.0
5220	-0.1	63.1	13	7.1
5230	-0.9	63.1	13	5.0
5240	-12.1	63.0	13	2.9
5250	-6.9	63.1	13	-1.5
5260	-1.1	63.1	13	-5.5
5270	-6.9	63.2	13	-6.6
5280	-9.2	63.2	13	-9.3
5290	-7.1	63.4	13	-15.7
5300	-6.4	63.5	13	-20.2
5310	-10.6	63.7	13	-21.8
5320	-9.9	64.0	12	-24.4
5330	-8.5	64.3	12	-29.2
5340	-10.6	64.7	12	-33.8

5350	-12.5	65.1	11	-47.3
5360	-12.2	65.6	11	-54.8
5370	-12.9	66.2	10	-62.5
5380	-15.5	66.7	10	-63.6
5390	-16.5	67.4	9	-64.4
5400	-16.0	68.2	8	-72.6
5410	-16.4	69.1	7	-80.9
5420	-16.5	70.1	6	-98.7
5430	-15.2	71.2	5	-107.5
5440	-14.1	72.3	4	-116.6
5450	-13.7	73.5	3	-124.3
5460	-14.1	74.8	2	-132.3
5470	-14.1	76.2	0	-139.5
5480	-14.8	77.7	-1	-147.4
5490	-15.7	79.2	-3	-155.4
5500	-14.9	80.8	-4	-163.7
5510	-14.0	82.5	-6	-171.7
5520	-17.2	84.3	-8	-175.1
5530	-20.1	86.0	-10	-175.7
5540	-18.7	87.8	-11	-175.4
5550	-16.1	89.5	-13	-175.1
5560	-15.5	91.3	-15	-175.1
5570	-15.9	93.0	-17	-175.4
5580	-14.9	94.8	-18	-175.1
5590	-14.5	96.5	-20	-175.1
5600	-14.4	98.3	-22	-174.9
5610	-11.9	100.0	-24	-174.9
5620	-11.1	101.8	-25	-174.9
5630	-11.1	103.5	-27	-174.6
5640	-11.4	105.3	-29	-174.9
5650	-10.7	107.0	-31	-174.6
5660	-9.9	108.8	-32	-174.6
5670	-9.1	110.5	-34	-174.6
5680	-8.1	112.3	-36	-174.9
5690	-9.8	113.9	-37	-157.0
5700	-26.8	115.5	-39	-131.7
5710	-37.0	116.7	-40	-113.1
5720	-26.4	117.6	-41	-75.8
5730	-9.9	118.3	-42	-62.5
5740	-12.7	118.8	-42	-42.0
5750	-13.2	119.2	-43	-35.9
5760	-4.1	119.5	-43	-23.6
5770	-0.4	119.7	-43	-21.5
5780	-0.5	119.8	-43	-14.6
5790	0.1	120.0	-44	-12.2
5800	0.4	120.1	-44	-8.2
5810	1.4	120.1	-44	-5.5
5820	17.5	120.2	-44	-2.9
5830	7.5	120.1	-44	3.1
5840	-0.1	120.1	-44	6.1
5850	6.8	120.0	-44	6.6
5860	8.9	119.9	-43	11.7
5870	4.3	119.8	-43	17.3
5880	6.4	119.6	-43	20.2

5890	9.8	119.4	-43	23.6
5900	8.4	119.1	-43	29.8
5910	8.7	118.8	-42	34.8
5920	10.4	118.4	-42	40.7
5930	9.1	118.0	-42	46.5
5940	9.5	117.6	-41	52.4
5950	10.0	117.1	-41	57.7
5960	9.2	116.5	-40	63.8
5970	9.6	115.9	-39	69.4
5980	10.7	115.2	-39	75.0
5990	10.3	114.5	-38	81.4
6000	10.6	113.7	-37	87.8
6010	11.4	112.8	-36	85.7
6020	10.8	111.9	-35	92.3
6030	11.0	111.0	-35	98.5
6040	11.1	109.9	-33	104.3
6050	10.6	108.8	-32	110.4
6060	10.7	107.7	-31	116.3
6070	11.0	106.5	-30	122.1
6080	10.2	105.2	-29	128.0
6090	10.0	103.9	-27	133.6
6100	11.0	102.5	-26	139.2
6110	11.1	101.1	-25	144.8
6120	9.9	99.6	-23	150.4
6130	10.2	98.0	-22	156.2
6140	10.2	96.4	-20	161.5
6150	8.7	94.8	-18	166.6
6160	9.4	93.1	-17	170.9
6170	9.1	91.3	-15	175.4
6180	8.8	89.6	-13	178.9
6190	12.5	87.8	-11	179.4
6200	11.5	86.0	-10	179.7
6210	10.2	84.2	-8	179.4
6220	11.4	82.4	-6	179.7
6230	10.7	80.6	-4	179.7
6240	10.3	78.8	-2	179.7
6250	9.2	77.0	-1	179.4
6260	8.3	75.2	1	179.4
6270	6.9	73.4	3	179.4
6280	6.0	71.6	5	179.4
6290	6.1	69.9	7	161.5
6300	15.1	68.2	8	146.1
6310	34.0	66.8	10	138.1
6320	25.6	65.8	11	84.3
6330	11.5	65.1	11	69.7
6340	11.7	64.5	12	52.1
6350	11.1	64.1	12	42.3
6360	7.2	63.8	13	28.4
6370	5.2	63.6	13	21.2
6380	2.2	63.4	13	15.4
6390	-0.3	63.3	13	12.7
6400	-0.1	63.2	13	8.5
6410	-0.1	63.1	13	5.8
6420	-0.7	63.0	13	5.3

6430	-3.4	63.0	13	3.4
6440	-9.8	63.0	13	-0.2
6450	-3.5	63.0	13	-3.9
6460	-2.8	63.1	13	-6.1
6470	-10.2	63.1	13	-8.2
6480	-8.9	63.3	13	-14.1
6490	-6.8	63.4	13	-19.1
6500	-9.8	63.6	13	-21.2
6510	-10.8	63.9	13	-23.6
6520	-8.1	64.2	12	-28.7
6530	-9.5	64.5	12	-33.0
6540	-11.8	65.0	11	-46.3
6550	-10.6	65.4	11	-52.9
6560	-11.0	66.0	10	-59.9
6570	-13.8	66.5	10	-60.4
6580	-14.8	67.2	9	-60.9
6590	-13.7	67.9	9	-67.8
6600	-14.2	68.7	8	-74.8
6610	-15.1	69.6	7	-81.9
6620	-14.2	70.6	6	-99.0
6630	-12.9	71.7	5	-107.0
6640	-13.0	72.8	4	-114.2
6650	-13.2	74.0	2	-121.3
6660	-12.9	75.3	1	-128.8
6670	-13.4	76.6	0	-135.5
6680	-14.0	78.0	-2	-143.2
6690	-13.8	79.5	-3	-150.6
6700	-12.6	81.1	-5	-158.4
6710	-12.3	82.7	-6	-165.0
6720	-12.3	84.4	-8	-171.4
6730	-13.7	86.1	-10	-175.1
6740	-16.4	87.9	-11	-175.1
6750	-16.3	89.6	-13	-175.1
6760	-13.0	91.4	-15	-175.1
6770	-14.0	93.1	-17	-174.9
6780	-15.3	94.9	-18	-174.9
6790	-14.1	96.6	-20	-175.1
6800	-12.9	98.4	-22	-174.9
6810	-11.0	100.1	-24	-174.6
6820	-10.4	101.9	-25	-174.9
6830	-9.6	103.6	-27	-174.3
6840	-9.9	105.4	-29	-174.3
6850	-9.6	107.1	-31	-174.9
6860	-8.9	108.9	-32	-174.3
6870	-8.5	110.6	-34	-174.6
6880	-7.7	112.4	-36	-174.3
6890	-8.4	114.0	-38	-156.8
6900	-26.6	115.6	-39	-129.3
6910	-35.0	116.8	-40	-110.4
6920	-22.9	117.7	-41	-74.2
6930	-8.4	118.3	-42	-60.9
6940	-12.2	118.8	-42	-40.9
6950	-12.2	119.2	-43	-35.1
6960	-3.1	119.5	-43	-23.1

6970	-0.1	119.7	-43	-20.7
6980	-0.4	119.8	-43	-14.3
6990	0.1	119.9	-43	-9.5
7000	0.5	120.0	-44	-8.7
7010	1.8	120.1	-44	-6.1
7020	16.5	120.1	-44	-1.8
7030	6.1	120.1	-44	3.9
7040	0.8	120.0	-44	6.1
7050	9.6	120.0	-44	7.1
7060	7.9	119.9	-43	11.9
7070	5.3	119.7	-43	18.3
7080	9.2	119.5	-43	21.8
7090	9.2	119.3	-43	27.1
7100	8.5	119.0	-43	29.5
7110	10.2	118.7	-42	31.1
7120	10.0	118.3	-42	36.2
7130	9.4	117.8	-41	40.9
7140	11.0	117.3	-41	45.7
7150	10.6	116.8	-40	50.8
7160	9.8	116.2	-40	56.1
7170	11.0	115.5	-39	61.2
7180	11.1	114.8	-38	66.2
7190	10.8	114.0	-38	71.8
7200	11.4	113.1	-37	85.4
7210	11.5	112.2	-36	92.1
7220	11.5	111.3	-35	98.5
7230	11.8	110.2	-34	104.6
7240	11.0	109.1	-33	111.2
7250	10.8	108.0	-32	117.4
7260	11.7	106.7	-30	123.5
7270	10.8	105.5	-29	129.6
7280	9.5	104.1	-28	135.7
7290	10.4	102.7	-26	140.8
7300	10.6	101.3	-25	146.1
7310	9.2	99.8	-23	151.7
7320	9.8	98.2	-22	156.5
7330	9.8	96.6	-20	161.8
7340	8.0	95.0	-19	166.9
7350	8.8	93.3	-17	170.6
7360	8.9	91.5	-15	175.1
7370	8.0	89.7	-13	178.9
7380	11.3	87.9	-11	179.1
7390	11.0	86.2	-10	179.4
7400	9.5	84.4	-8	179.7
7410	9.9	82.6	-6	179.4
7420	9.5	80.8	-4	179.4
7430	9.6	79.0	-3	179.7
7440	8.8	77.2	-1	179.4
7450	8.1	75.4	1	179.4
7460	7.2	73.6	3	179.4
7470	6.0	71.8	5	179.1
7480	6.8	70.0	6	179.4
7490	13.0	68.4	8	149.8
7500	34.8	66.9	10	142.1

7510	29.3	65.9	11	97.1
7520	13.4	65.1	11	71.8
7530	14.4	64.5	12	58.5
7540	13.4	64.1	12	40.1
7550	9.4	63.8	13	29.2
7560	7.1	63.6	13	21.8
7570	3.5	63.4	13	16.2
7580	-0.3	63.3	13	10.6
7590	0.0	63.2	13	8.7
7600	-0.1	63.1	13	7.1
7610	-0.8	63.0	13	5.0
7620	-4.5	63.0	13	2.9
7630	-11.8	63.0	13	-1.3
7640	-2.7	63.0	13	-5.8
7650	-1.8	63.1	13	-7.4
7660	-10.7	63.2	13	-9.5
7670	-8.3	63.3	13	-14.9
7680	-4.5	63.5	13	-19.9
7690	-9.4	63.7	13	-21.0
7700	-11.0	63.9	13	-23.1
7710	-7.5	64.2	12	-28.2
7720	-8.9	64.6	12	-31.9
7730	-11.9	65.0	11	-44.7
7740	-10.6	65.4	11	-46.5
7750	-11.0	65.9	11	-47.3
7760	-13.6	66.5	10	-64.6
7770	-13.6	67.1	9	-65.4
7780	-13.0	67.8	9	-65.4
7790	-14.0	68.6	8	-71.8
7800	-14.1	69.5	7	-78.8
7810	-13.3	70.4	6	-95.0
7820	-13.6	71.5	5	-102.4
7830	-13.7	72.5	4	-110.2
7840	-12.7	73.7	3	-117.4
7850	-13.8	74.9	2	-125.1
7860	-14.4	76.2	0	-132.3
7870	-14.1	77.6	-1	-140.2
7880	-14.0	79.1	-3	-147.7
7890	-13.4	80.6	-4	-156.0
7900	-12.7	82.2	-6	-162.9
7910	-12.3	83.9	-7	-169.5
7920	-13.2	85.6	-9	-174.6
7930	-17.5	87.4	-11	-175.1
7940	-17.9	89.1	-13	-175.4
7950	-15.5	90.9	-14	-175.1
7960	-15.9	92.6	-16	-174.9
7970	-16.7	94.4	-18	-175.1
7980	-17.2	96.1	-20	-175.4
7990	-15.9	97.9	-21	-175.1
8000	-13.4	99.7	-23	-175.1
8010	-13.3	101.4	-25	-175.1
8020	-13.2	103.2	-27	-174.9
8030	-12.7	104.9	-28	-174.9
8040	-12.3	106.7	-30	-174.9

8050	-12.9	108.4	-32	-174.9
8060	-11.4	110.2	-34	-175.1
8070	-11.5	111.9	-35	-174.6
8080	-13.2	113.6	-37	-157.6
8090	-24.5	115.2	-39	-139.2
8100	-40.7	116.5	-40	-120.3
8110	-35.3	117.5	-41	-80.9
8120	-16.5	118.2	-42	-67.0
8130	-18.6	118.7	-42	-44.9
8140	-22.6	119.1	-43	-38.3
8150	-15.6	119.5	-43	-31.1
8160	-8.8	119.7	-43	-21.0
8170	-10.6	119.8	-43	-14.1
8180	-9.9	120.0	-44	-13.0
8190	-5.4	120.1	-44	-8.7
8200	-2.2	120.1	-44	-5.5
8210	-1.2	120.2	-44	-5.0
8220	0.0	120.2	-44	-3.7
8230	0.0	120.2	-44	-2.3
8240	0.3	120.3	-44	-1.8
8250	0.5	120.3	-44	-1.3
8260	0.7	120.3	-44	-0.7
8270	7.6	120.3	-44	0.0
8280	11.5	120.3	-44	3.4
8290	4.9	120.2	-44	7.9
8300	3.7	120.1	-44	10.3
8310	11.1	120.0	-44	12.7
8320	8.8	119.8	-43	17.3
8330	7.1	119.5	-43	22.0
8340	9.6	119.3	-43	25.8
8350	9.5	118.9	-42	30.0
8360	8.8	118.6	-42	42.5
8370	9.8	118.1	-42	47.9
8380	9.6	117.6	-41	54.0
8390	9.6	117.1	-41	54.0
8400	10.4	116.6	-40	53.5
8410	10.2	115.9	-39	58.3
8420	9.6	115.2	-39	63.6
8430	10.3	114.5	-38	68.1
8440	10.0	113.7	-37	73.2
8450	9.4	112.8	-36	86.7
8460	9.2	111.9	-35	92.1
8470	9.4	110.9	-34	97.4
8480	8.7	109.9	-33	102.4
8490	8.4	108.9	-32	107.2
8500	9.1	107.8	-31	111.5
8510	9.1	106.6	-30	116.6
8520	8.4	105.4	-29	121.3
8530	8.3	104.2	-28	126.1
8540	8.8	102.9	-26	130.4
8550	8.4	101.5	-25	135.2
8560	8.0	100.1	-24	139.5
8570	7.9	98.7	-22	143.7
8580	7.6	97.2	-21	147.7

8590	7.1	95.7	-19	151.7
8600	6.6	94.2	-18	155.2
8610	7.6	92.6	-16	158.6
8620	7.1	91.0	-15	162.1
8630	6.6	89.4	-13	165.3
8640	7.5	87.7	-11	168.7
8650	6.4	86.0	-10	172.5
8660	5.6	84.2	-8	175.4
8670	6.2	82.4	-6	178.1
8680	6.8	80.6	-4	179.1
8690	8.0	78.9	-2	179.1
8700	5.7	77.1	-1	179.7
8710	4.7	75.3	1	179.1
8720	4.5	73.5	3	179.7
8730	3.7	71.7	5	179.7
8740	3.7	69.9	7	179.1
8750	10.8	68.3	8	147.2
8760	31.6	66.8	10	138.9
8770	24.0	65.9	11	94.7
8780	9.8	65.1	11	70.2
8790	8.9	64.5	12	52.1
8800	9.1	64.1	12	34.8
8810	6.4	63.8	13	28.7
8820	3.7	63.6	13	21.5
8830	-0.4	63.4	13	17.0
8840	-0.3	63.3	13	11.7
8850	-0.7	63.2	13	9.5
8860	-6.6	63.1	13	6.1
8870	-11.9	63.1	13	0.7
8880	-4.1	63.1	13	-3.7
8890	-3.7	63.2	13	-5.3
8900	-10.0	63.3	13	-7.4
8910	-10.0	63.4	13	-12.2
8920	-6.5	63.5	13	-16.7
8930	-9.8	63.8	13	-20.4
8940	-11.5	64.0	12	-30.3
8950	-10.6	64.4	12	-37.0
8960	-11.4	64.7	12	-42.8
8970	-12.3	65.2	11	-50.3
8980	-12.3	65.7	11	-57.7
8990	-12.9	66.3	10	-65.7
9000	-14.1	66.9	10	-66.5
9010	-14.1	67.6	9	-66.5
9020	-14.5	68.4	8	-73.4
9030	-15.1	69.3	7	-80.9
9040	-15.5	70.3	6	-97.9
9050	-15.6	71.3	5	-106.4
9060	-14.6	72.5	4	-115.5
9070	-14.6	73.7	3	-123.2
9080	-14.9	75.0	1	-132.0
9090	-14.4	76.4	0	-139.7
9100	-14.2	77.8	-1	-147.7
9110	-14.6	79.4	-3	-155.4
9120	-13.4	81.0	-5	-163.4

9130	-12.7	82.7	-6	-170.3
9140	-14.9	84.4	-8	-174.9
9150	-18.8	86.2	-10	-175.7
9160	-19.1	87.9	-11	-175.4
9170	-16.8	89.7	-13	-175.1
9180	-15.7	91.4	-15	-175.4
9190	-16.0	93.2	-17	-175.4
9200	-16.1	94.9	-18	-175.1
9210	-14.5	96.7	-20	-175.4
9220	-13.7	98.4	-22	-175.1
9230	-11.9	100.2	-24	-174.6
9240	-10.8	101.9	-25	-174.9
9250	-11.3	103.7	-27	-174.9
9260	-11.8	105.4	-29	-174.6
9270	-11.3	107.2	-31	-174.9
9280	-9.6	108.9	-32	-174.6
9290	-8.9	110.7	-34	-174.6
9300	-7.5	112.4	-36	-174.6
9310	-7.9	114.1	-38	-156.5
9320	-27.7	115.7	-39	-156.8
9330	-33.8	116.8	-40	-109.1
9340	-19.1	117.7	-41	-89.4
9350	-5.4	118.3	-42	-60.1
9360	-8.7	118.8	-42	-45.2
9370	-7.6	119.2	-43	-30.6
9380	-0.9	119.5	-43	-27.6
9390	0.1	119.6	-43	-18.9
9400	0.1	119.8	-43	-12.7
9410	0.7	119.9	-43	-11.7
9420	13.2	120.0	-44	-8.2
9430	10.4	120.0	-44	-0.2
9440	4.6	120.0	-44	3.4
9450	3.0	119.9	-43	6.6
9460	10.2	119.9	-43	7.7
9470	6.6	119.8	-43	11.7
9480	4.5	119.6	-43	18.3
9490	9.1	119.4	-43	21.2
9500	8.0	119.2	-43	23.9
9510	8.1	118.9	-42	25.2
9520	10.2	118.6	-42	29.5
9530	9.6	118.2	-42	34.3
9540	9.6	117.8	-41	39.6
9550	11.0	117.3	-41	44.1
9560	10.3	116.8	-40	49.5
9570	9.6	116.2	-40	66.5
9580	10.6	115.5	-39	72.4
9590	10.2	114.8	-38	78.5
9600	10.4	114.1	-38	84.6
9610	11.4	113.3	-37	90.5
9620	11.1	112.4	-36	88.6
9630	11.3	111.4	-35	95.3
9640	12.1	110.4	-34	101.4
9650	11.1	109.4	-33	108.0
9660	10.8	108.3	-32	114.2

9670	11.9	107.1	-31	120.0
9680	10.7	105.8	-29	126.7
9690	9.8	104.5	-28	132.5
9700	11.1	103.1	-27	137.9
9710	11.0	101.7	-25	143.4
9720	10.7	100.2	-24	149.6
9730	11.4	98.7	-22	155.2
9740	10.6	97.1	-21	161.0
9750	9.6	95.5	-19	166.6
9760	9.6	93.8	-17	171.7
9770	9.5	92.0	-16	176.7
9780	9.6	90.2	-14	179.1
9790	12.1	88.4	-12	179.4
9800	11.4	86.6	-10	179.7
9810	9.9	84.8	-8	179.4
9820	9.9	83.0	-7	179.4
9830	10.0	81.2	-5	179.7
9840	10.2	79.4	-3	179.7
9850	9.1	77.6	-1	179.4
9860	7.2	75.8	1	179.4
9870	6.6	74.0	2	179.4
9880	5.6	72.3	4	179.1
9890	4.9	70.5	6	179.4
9900	6.0	68.7	8	191.9
9910	29.3	67.3	9	138.7
9920	30.2	66.2	10	93.4
9930	14.0	65.3	11	76.6
9940	11.0	64.7	12	56.9
9950	11.4	64.2	12	46.5
9960	7.9	63.9	13	31.4
9970	4.3	63.7	13	22.8
9980	1.2	63.5	13	16.7
9990	-0.1	63.4	13	13.3
10000	-0.3	63.3	13	9.3
10010	-0.9	63.2	13	7.7
10020	-14.4	63.1	13	4.5
10030	-8.1	63.1	13	-2.6
10040	-1.6	63.2	13	-5.8
10050	-6.0	63.2	13	-6.9
10060	-10.6	63.3	13	-10.1
10070	-5.4	63.5	13	-16.5
10080	-5.8	63.6	13	-20.2
10090	-11.9	63.8	13	-21.5
10100	-11.0	64.1	12	-25.0
10110	-10.0	64.4	12	-30.3
10120	-12.1	64.8	12	-35.9
10130	-13.4	65.2	11	-40.9
10140	-11.4	65.7	11	-47.6
10150	-12.6	66.3	10	-53.7
10160	-14.5	67.0	9	-73.2
10170	-13.6	67.7	9	-81.4
10180	-13.8	68.5	8	-89.9
10190	-15.3	69.4	7	-98.5
10200	-16.0	70.4	6	-107.2

10210	-15.9	71.4	5	-106.4
10220	-15.5	72.5	4	-115.5
10230	-15.3	73.8	3	-123.7
10240	-15.2	75.1	1	-132.8
10250	-14.4	76.5	0	-140.5
10260	-14.2	77.9	-1	-148.8
10270	-14.8	79.5	-3	-156.5
10280	-13.7	81.1	-5	-164.7
10290	-13.2	82.8	-6	-171.9
10300	-16.7	84.5	-8	-175.1
10310	-20.2	86.3	-10	-175.7
10320	-18.7	88.1	-12	-175.7
10330	-17.0	89.8	-13	-175.1
10340	-16.4	91.6	-15	-175.4
10350	-16.5	93.3	-17	-175.4
10360	-16.0	95.1	-19	-174.9
10370	-14.8	96.8	-20	-175.4
10380	-14.4	98.6	-22	-175.1
10390	-12.7	100.3	-24	-174.9
10400	-11.9	102.1	-26	-175.1
10410	-12.3	103.8	-27	-174.9
10420	-13.2	105.6	-29	-174.9
10430	-12.6	107.3	-31	-175.1
10440	-11.0	109.1	-33	-174.9
10450	-11.1	110.8	-34	-174.9
10460	-10.6	112.6	-36	-174.9
10470	-11.3	114.2	-38	-156.2
10480	-34.2	115.8	-39	-153.8
10490	-40.1	116.9	-40	-107.2
10500	-26.2	117.8	-41	-80.3
10510	-13.2	118.4	-42	-52.7
10520	-19.3	118.9	-42	-44.4
10530	-19.4	119.2	-43	-37.2
10540	-9.8	119.5	-43	-25.0
10550	-5.0	119.7	-43	-16.2
10560	-5.4	119.9	-43	-14.9
10570	-2.0	120.0	-44	-10.1
10580	0.0	120.0	-44	-6.6
10590	0.1	120.1	-44	-5.5
10600	0.5	120.1	-44	-3.4
10610	2.0	120.2	-44	-2.9
10620	11.4	120.2	-44	0.2
10630	3.8	120.2	-44	4.5
10640	-0.4	120.1	-44	6.6
10650	8.7	120.0	-44	7.1
10660	8.0	119.9	-43	10.1
10670	5.3	119.8	-43	14.6
10680	7.9	119.6	-43	16.2
10690	9.6	119.4	-43	19.9
10700	7.3	119.2	-43	30.0
10710	8.3	118.9	-42	34.3
10720	9.5	118.5	-42	39.6
10730	7.6	118.1	-42	44.9
10740	7.9	117.7	-41	45.2

10750	8.9	117.2	-41	54.0
10760	8.3	116.6	-40	59.6
10770	8.3	116.1	-40	64.6
10780	9.4	115.4	-39	69.7
10790	9.2	114.8	-38	75.3
10800	8.9	114.0	-38	80.6
10810	9.4	113.3	-37	85.9
10820	8.7	112.5	-36	83.3
10830	8.5	111.6	-35	88.1
10840	9.4	110.7	-34	92.9
10850	8.8	109.7	-33	97.9
10860	8.8	108.7	-32	102.7
10870	10.2	107.6	-31	107.5
10880	9.6	106.5	-30	113.1
10890	8.8	105.3	-29	118.2
10900	9.1	104.1	-28	123.2
10910	9.2	102.8	-26	128.0
10920	8.5	101.5	-25	133.1
10930	8.1	100.2	-24	137.6
10940	8.1	98.7	-22	141.8
10950	8.1	97.3	-21	146.1
10960	7.7	95.8	-19	150.1
10970	7.2	94.3	-18	154.1
10980	8.5	92.7	-16	158.1
10990	7.9	91.1	-15	161.8
11000	7.1	89.4	-13	165.8
11010	8.0	87.8	-11	169.3
11020	6.5	86.0	-10	173.0
11030	5.6	84.3	-8	175.9
11040	6.4	82.5	-6	178.6
11050	7.1	80.7	-4	179.1
11060	7.3	78.9	-2	179.4
11070	5.7	77.1	-1	179.7
11080	5.2	75.3	1	179.4
11090	5.2	73.5	3	179.4
11100	4.3	71.7	5	179.4
11110	4.9	69.9	7	179.4
11120	10.8	68.3	8	166.3
11130	33.1	66.9	10	114.4
11140	26.0	65.9	11	95.5
11150	10.3	65.1	11	70.5
11160	10.0	64.6	12	46.8
11170	10.3	64.2	12	39.1
11180	7.1	63.8	13	29.0
11190	4.3	63.6	13	23.4
11200	0.0	63.4	13	15.4
11210	-0.3	63.3	13	11.7
11220	-0.4	63.2	13	7.7
11230	-1.5	63.1	13	6.3
11240	-14.9	63.1	13	2.6
11250	-6.4	63.1	13	-2.6
11260	-1.6	63.2	13	-5.0
11270	-8.8	63.2	13	-6.6
11280	-10.8	63.3	13	-10.3

11290	-6.2	63.5	13	-15.4
11300	-7.7	63.7	13	-18.9
11310	-11.8	64.0	12	-27.6
11320	-10.3	64.3	12	-34.3
11330	-10.6	64.6	12	-40.7
11340	-12.6	65.0	11	-42.8
11350	-12.7	65.5	11	-44.4
11360	-12.1	66.0	10	-51.1
11370	-13.7	66.6	10	-58.0
11380	-14.6	67.3	9	-63.6
11390	-14.1	68.1	8	-70.8
11400	-14.6	68.9	8	-77.7
11410	-15.5	69.9	7	-84.9
11420	-16.0	70.9	6	-102.7
11430	-14.2	72.0	4	-112.0
11440	-14.1	73.2	3	-119.8
11450	-14.8	74.4	2	-127.7
11460	-13.6	75.8	1	-135.5
11470	-13.3	77.2	-1	-142.9
11480	-14.0	78.7	-2	-150.4
11490	-13.4	80.2	-4	-157.8
11500	-12.2	81.9	-5	-165.0
11510	-12.5	83.6	-7	-171.7
11520	-15.2	85.3	-9	-175.1
11530	-18.3	87.1	-11	-175.1
11540	-17.0	88.8	-12	-175.4
11550	-14.1	90.6	-14	-175.4
11560	-14.2	92.3	-16	-175.1
11570	-14.1	94.1	-18	-175.4
11580	-14.4	95.8	-19	-175.1
11590	-13.4	97.6	-21	-174.9
11600	-11.5	99.3	-23	-174.9
11610	-11.3	101.1	-25	-174.9
11620	-11.0	102.8	-26	-174.6
11630	-10.7	104.6	-28	-174.9
11640	-10.6	106.3	-30	-174.6
11650	-10.8	108.1	-32	-174.9
11660	-8.7	109.8	-33	-174.6
11670	-9.1	111.6	-35	-174.3
11680	-10.6	113.3	-37	-174.6
11690	-17.2	115.0	-39	-178.6
11700	-38.0	116.3	-40	-112.3
11710	-36.9	117.3	-41	-95.0
11720	-15.7	118.1	-42	-63.3
11730	-15.2	118.6	-42	-52.4
11740	-22.1	119.1	-43	-43.9
11750	-17.2	119.4	-43	-30.3
11760	-7.6	119.6	-43	-19.7
11770	-7.5	119.8	-43	-17.8
11780	-7.1	119.9	-43	-12.5
11790	-2.3	120.0	-44	-8.2
11800	0.0	120.1	-44	-5.5
11810	0.4	120.2	-44	-5.3
11820	0.5	120.2	-44	-3.7

11830	3.3	120.2	-44	-2.9
11840	9.2	120.2	-44	0.5
11850	3.5	120.2	-44	4.2
11860	0.7	120.1	-44	6.1
11870	9.2	120.1	-44	7.1
11880	7.5	120.0	-44	11.7
11890	6.0	119.8	-43	16.2
11900	9.1	119.7	-43	20.2
11910	9.5	119.5	-43	25.5
11920	8.0	119.2	-43	27.9
11930	9.4	118.9	-42	29.2
11940	10.0	118.5	-42	33.8
11950	9.2	118.1	-42	38.8
11960	10.0	117.6	-41	48.4
11970	10.6	117.1	-41	48.1
11980	10.2	116.5	-40	53.5
11990	10.6	115.9	-39	58.3
12000	10.8	115.2	-39	63.3
12010	10.8	114.5	-38	68.6
12020	11.4	113.6	-37	74.2
12030	11.5	112.7	-36	88.9
12040	11.0	111.8	-35	95.3
12050	11.0	110.8	-34	101.4
12060	10.8	109.7	-33	107.2
12070	10.3	108.6	-32	113.4
12080	10.8	107.4	-31	119.0
12090	10.4	106.2	-30	125.1
12100	9.8	104.9	-28	130.4
12110	9.5	103.6	-27	136.0
12120	10.2	102.2	-26	141.0
12130	10.2	100.7	-24	146.6
12140	9.5	99.2	-23	151.7
12150	9.4	97.7	-21	156.8
12160	9.1	96.1	-20	161.5
12170	7.7	94.4	-18	166.3
12180	8.5	92.7	-16	170.1
12190	8.1	91.0	-15	174.3
12200	7.6	89.2	-13	178.1
12210	10.4	87.4	-11	179.1
12220	9.9	85.6	-9	179.7
12230	8.5	83.8	-7	179.4
12240	8.9	82.0	-6	179.4
12250	8.9	80.2	-4	179.7
12260	8.4	78.4	-2	179.4
12270	6.6	76.6	0	179.4
12280	6.0	74.8	2	179.7
12290	4.5	73.1	3	179.4
12300	3.9	71.3	5	179.4
12310	3.8	69.6	7	161.3
12320	18.3	67.9	9	139.2
12330	32.7	66.6	10	119.5
12340	20.1	65.6	11	87.5
12350	9.1	65.0	11	65.7
12360	10.3	64.4	12	48.9

12370	9.2	64.0	12	32.7
12380	5.0	63.7	13	26.8
12390	2.0	63.5	13	19.9
12400	-0.4	63.4	13	14.9
12410	-0.3	63.2	13	10.1
12420	-0.5	63.1	13	9.0
12430	-5.7	63.1	13	5.8
12440	-12.1	63.1	13	0.5
12450	-3.4	63.1	13	-3.9
12460	-1.8	63.1	13	-5.0
12470	-10.3	63.2	13	-6.9
12480	-8.8	63.3	13	-11.1
12490	-5.2	63.5	13	-19.1
12500	-9.8	63.7	13	-20.4
12510	-12.5	63.9	13	-23.1
12520	-9.9	64.2	12	-29.0
12530	-10.7	64.6	12	-33.8
12540	-14.1	65.0	11	-47.9
12550	-13.2	65.5	11	-56.1
12560	-11.9	66.1	10	-64.4
12570	-14.1	66.7	10	-65.2
12580	-15.3	67.4	9	-65.2
12590	-14.4	68.2	8	-72.4
12600	-15.2	69.1	7	-79.8
12610	-16.8	70.0	6	-96.9
12620	-16.1	71.1	5	-106.2
12630	-14.9	72.2	4	-115.5
12640	-15.7	73.4	3	-123.5
12650	-16.0	74.7	2	-132.5
12660	-14.2	76.1	0	-140.8
12670	-14.4	77.6	-1	-149.3
12680	-15.1	79.1	-3	-156.8
12690	-13.8	80.8	-4	-165.0
12700	-12.9	82.5	-6	-172.5
12710	-16.7	84.2	-8	-175.1
12720	-19.4	86.0	-10	-175.7
12730	-18.4	87.7	-11	-175.4
12740	-17.2	89.5	-13	-175.4
12750	-16.3	91.3	-15	-175.7
12760	-16.7	93.0	-17	-175.1
12770	-15.2	94.8	-18	-175.1
12780	-14.9	96.5	-20	-175.4
12790	-14.4	98.3	-22	-175.1
12800	-12.1	100.0	-24	-174.9
12810	-11.4	101.8	-25	-174.9
12820	-12.1	103.5	-27	-174.9
12830	-12.6	105.3	-29	-174.9
12840	-11.8	107.0	-31	-174.9
12850	-11.3	108.8	-32	-175.1
12860	-10.4	110.5	-34	-174.6
12870	-9.6	112.3	-36	-174.9
12880	-11.0	113.9	-37	-157.0
12890	-27.7	115.5	-39	-132.0
12900	-38.1	116.7	-40	-113.1

12910	-27.7	117.6	-41	-76.1
12920	-9.9	118.3	-42	-62.5
12930	-13.2	118.8	-42	-42.0
12940	-13.6	119.2	-43	-35.9
12950	-1.6	119.5	-43	-28.7
12960	0.1	119.7	-43	-19.4
12970	0.1	119.8	-43	-13.0
12980	1.1	120.0	-44	-12.2
12990	17.2	120.0	-44	-7.1
13000	8.8	120.1	-44	0.7
13010	5.6	120.0	-44	3.7
13020	8.4	120.0	-44	6.1
13030	8.8	119.9	-43	12.2
13040	5.8	119.7	-43	18.1
13050	7.6	119.5	-43	21.5
13060	10.0	119.3	-43	26.0
13070	8.3	119.0	-43	29.0
13080	10.2	118.7	-42	30.3
13090	12.2	118.3	-42	35.4
13100	11.0	117.9	-41	42.0
13110	11.8	117.4	-41	47.1
13120	12.6	116.8	-40	52.9
13130	11.4	116.2	-40	58.8
13140	10.6	115.5	-39	65.4
13150	11.3	114.7	-38	69.7
13160	10.6	113.9	-37	75.0
13170	11.0	113.0	-37	88.9
13180	11.7	112.0	-36	95.0
13190	11.5	111.0	-35	101.4
13200	12.1	110.0	-34	107.8
13210	11.5	108.9	-32	114.4
13220	11.8	107.7	-31	120.5
13230	11.4	106.4	-30	126.9
13240	9.8	105.1	-29	133.1
13250	8.8	103.7	-27	138.4
13260	9.6	102.3	-26	143.2
13270	9.8	100.8	-24	148.2
13280	8.9	99.3	-23	153.3
13290	10.0	97.7	-21	157.8
13300	10.2	96.1	-20	163.4
13310	8.5	94.4	-18	168.2
13320	9.5	92.7	-16	173.0
13330	9.2	91.0	-15	177.3
13340	9.4	89.2	-13	179.4
13350	11.0	87.4	-11	179.7
13360	9.2	85.6	-9	179.7
13370	7.7	83.8	-7	179.4
13380	8.5	82.0	-6	179.4
13390	8.8	80.2	-4	179.1
13400	8.3	78.4	-2	179.7
13410	7.2	76.6	0	179.7
13420	7.2	74.8	2	179.4
13430	6.0	73.0	3	179.4
13440	5.0	71.2	5	179.4

13450	5.4	69.4	7	179.4
13460	20.5	67.9	9	155.4
13470	34.4	66.6	10	106.2
13480	22.4	65.6	11	88.1
13490	11.8	64.9	12	65.2
13500	14.1	64.4	12	43.6
13510	12.1	64.0	12	36.4
13520	7.9	63.7	13	26.6
13530	6.5	63.5	13	21.5
13540	3.5	63.4	13	14.6
13550	-0.1	63.2	13	10.6
13560	0.0	63.2	13	8.7
13570	0.0	63.1	13	6.1
13580	-0.4	63.0	13	3.9
13590	-0.8	63.0	13	3.4
13600	-7.2	63.0	13	2.1
13610	-11.1	63.0	13	-1.8
13620	-2.8	63.1	13	-7.9
13630	-4.7	63.1	13	-9.8
13640	-13.2	63.2	13	-11.9
13650	-10.3	63.4	13	-16.5
13660	-7.1	63.6	13	-21.5
13670	-12.7	63.9	13	-30.8
13680	-12.7	64.2	12	-38.0
13690	-9.2	64.6	12	-45.5
13700	-11.3	65.1	11	-46.3
13710	-14.1	65.6	11	-47.3
13720	-12.5	66.2	10	-54.3
13730	-13.2	66.8	10	-60.9
13740	-16.3	67.5	9	-67.0
13750	-16.0	68.4	8	-91.5
13760	-14.0	69.3	7	-101.1
13770	-15.2	70.3	6	-109.4
13780	-16.1	71.3	5	-107.8
13790	-13.6	72.5	4	-117.1
13800	-12.9	73.7	3	-124.3
13810	-15.1	75.0	1	-132.3
13820	-14.2	76.4	0	-140.0
13830	-13.3	77.8	-1	-148.0
13840	-14.8	79.4	-3	-155.2
13850	-13.8	81.0	-5	-162.9
13860	-11.8	82.7	-6	-170.3
13870	-13.6	84.4	-8	-174.6
13880	-17.6	86.2	-10	-175.4
13890	-17.0	87.9	-11	-175.4
13900	-14.4	89.7	-13	-175.1
13910	-14.0	91.4	-15	-175.4
13920	-15.2	93.2	-17	-175.4
13930	-14.9	94.9	-18	-175.1
13940	-13.7	96.7	-20	-175.1
13950	-13.7	98.4	-22	-174.9
13960	-11.8	100.2	-24	-174.9
13970	-10.0	101.9	-25	-174.9
13980	-10.3	103.7	-27	-174.6

13990	-10.7	105.4	-29	-174.9
14000	-9.9	107.2	-31	-174.9
14010	-8.3	108.9	-32	-174.9
14020	-7.7	110.7	-34	-174.3
14030	-6.2	112.4	-36	-174.3
14040	-6.2	114.1	-38	-156.5
14050	-24.1	115.6	-39	-130.7
14060	-30.2	116.8	-40	-109.6
14070	-16.5	117.7	-41	-73.7
14080	-3.8	118.4	-42	-66.2
14090	-6.6	118.8	-42	-41.2
14100	-4.7	119.2	-43	-34.8
14110	0.4	119.5	-43	-23.1
14120	0.0	119.7	-43	-21.2
14130	0.3	119.8	-43	-14.6
14140	10.4	120.0	-44	-10.9
14150	12.9	120.0	-44	-2.6
14160	5.7	120.0	-44	2.3
14170	5.4	120.0	-44	5.3
14180	11.8	119.9	-43	7.9
14190	6.2	119.8	-43	12.7
14200	6.5	119.6	-43	16.2
14210	10.2	119.4	-43	19.4
14220	7.1	119.1	-43	23.9
14230	8.3	118.8	-42	34.0

ISOK_EXERC_ER_IR_60_R_SIDE

01/08

Set #8

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	120.4	-44	0.0
10	0.8	120.4	-44	0.2
20	0.8	120.4	-44	0.2
30	1.1	120.4	-44	0.7
40	1.1	120.4	-44	1.3
50	1.4	120.3	-44	1.5
60	11.4	120.3	-44	3.7
70	6.5	120.2	-44	7.9
80	1.1	120.1	-44	11.4
90	3.8	120.0	-44	11.4
100	7.1	119.9	-43	13.0
110	6.1	119.7	-43	16.2
120	5.6	119.5	-43	19.4
130	6.1	119.3	-43	22.0
140	6.9	119.0	-43	25.5
150	8.0	118.7	-42	28.4
160	7.7	118.3	-42	32.7
170	7.1	117.9	-41	36.4
180	8.5	117.5	-41	40.1
190	9.5	117.0	-41	49.2
200	8.5	116.5	-40	54.5
210	8.3	115.9	-39	59.6
220	11.8	115.3	-39	60.6
230	14.1	114.7	-38	60.9
240	13.2	114.1	-38	60.9
250	12.5	113.4	-37	60.6
260	12.6	112.8	-36	60.9
270	13.6	112.2	-36	60.9
280	13.8	111.6	-35	61.2
290	13.6	111.0	-35	60.9
300	12.7	110.4	-34	60.9
310	13.2	109.8	-33	60.9
320	13.3	109.2	-33	60.9
330	13.0	108.6	-32	60.9
340	12.9	108.0	-32	60.9
350	13.4	107.3	-31	61.2
360	13.7	106.7	-30	60.9
370	13.8	106.1	-30	60.9
380	13.6	105.5	-29	60.9
390	13.3	104.9	-28	60.9
400	13.2	104.3	-28	60.9
410	13.2	103.7	-27	61.2
420	12.9	103.1	-27	60.9
430	12.6	102.5	-26	60.9
440	12.2	101.9	-25	60.9
450	12.6	101.2	-25	60.9
460	12.7	100.6	-24	60.9
470	12.3	100.0	-24	60.9
480	12.5	99.4	-23	61.2

490	12.6	98.8	-22	60.9
500	12.3	98.2	-22	60.9
510	12.3	97.6	-21	60.9
520	12.1	97.0	-21	60.9
530	11.7	96.4	-20	61.2
540	11.8	95.8	-19	60.9
550	12.1	95.1	-19	60.6
560	11.8	94.5	-18	60.6
570	11.4	93.9	-17	60.9
580	11.8	93.3	-17	60.9
590	11.7	92.7	-16	60.9
600	11.8	92.1	-16	60.9
610	11.3	91.5	-15	60.6
620	11.3	90.9	-14	60.9
630	11.5	90.3	-14	60.9
640	11.8	89.7	-13	60.9
650	11.5	89.1	-13	60.9
660	11.4	88.5	-12	60.9
670	11.4	87.8	-11	60.9
680	11.5	87.2	-11	60.6
690	11.5	86.6	-10	60.6
700	11.3	86.0	-10	60.9
710	11.3	85.4	-9	60.9
720	11.7	84.8	-8	60.9
730	11.5	84.2	-8	60.6
740	11.5	83.6	-7	60.9
750	11.7	83.0	-7	60.9
760	11.8	82.4	-6	60.9
770	11.7	81.8	-5	60.9
780	11.9	81.1	-5	60.9
790	11.8	80.5	-4	60.9
800	11.5	79.9	-3	60.9
810	11.8	79.3	-3	60.9
820	11.9	78.7	-2	60.6
830	11.4	78.1	-2	61.2
840	11.5	77.5	-1	60.9
850	11.8	76.9	0	60.9
860	11.8	76.3	0	60.9
870	11.8	75.7	1	60.9
880	11.4	75.0	1	60.9
890	11.4	74.4	2	60.9
900	11.5	73.8	3	60.9
910	11.3	73.2	3	60.9
920	11.3	72.6	4	60.9
930	11.4	72.0	4	60.9
940	11.3	71.4	5	60.9
950	11.5	70.8	6	60.9
960	11.3	70.2	6	60.9
970	11.3	69.6	7	60.6
980	11.1	69.0	7	60.9
990	10.8	68.4	8	60.6
1000	11.0	67.7	9	60.6
1010	10.7	67.1	9	60.9
1020	10.6	66.5	10	60.9

1030	10.4	65.9	11	60.9
1040	12.6	65.4	11	51.3
1050	18.4	64.9	12	42.8
1060	17.1	64.4	12	42.3
1070	14.0	64.1	12	30.3
1080	13.4	63.9	13	21.8
1090	13.7	63.7	13	19.7
1100	13.6	63.5	13	13.8
1110	11.8	63.4	13	12.2
1120	9.9	63.3	13	9.0
1130	9.6	63.2	13	8.5
1140	9.6	63.1	13	6.1
1150	8.8	63.1	13	4.5
1160	8.0	63.0	13	3.7
1170	7.2	63.0	13	3.4
1180	6.5	63.0	13	2.6
1190	4.9	62.9	14	2.3
1200	2.7	62.9	14	2.3
1210	2.4	62.9	14	0.0
1220	-0.7	62.9	14	0.0
1230	-1.1	62.9	14	0.7
1240	-1.2	62.9	14	1.3
1250	-5.8	62.9	14	0.2
1260	-15.7	62.9	14	-2.1
1270	-7.7	62.9	14	-5.5
1280	-2.2	63.0	13	-8.7
1290	-12.2	63.1	13	-10.3
1300	-12.3	63.3	13	-15.7
1310	-8.1	63.5	13	-21.5
1320	-10.4	63.8	13	-25.5
1330	-14.4	64.1	12	-31.1
1340	-11.9	64.5	12	-37.8
1350	-10.6	65.0	11	-43.3
1360	-15.1	65.5	11	-48.9
1370	-18.4	66.1	10	-57.5
1380	-19.9	66.7	10	-58.5
1390	-20.5	67.3	9	-58.8
1400	-20.6	67.9	9	-59.1
1410	-21.4	68.4	8	-59.6
1420	-21.7	69.0	7	-59.6
1430	-22.1	69.6	7	-59.6
1440	-22.5	70.2	6	-59.6
1450	-22.6	70.8	6	-59.6
1460	-22.2	71.4	5	-59.6
1470	-22.6	72.0	4	-59.9
1480	-23.3	72.6	4	-59.6
1490	-23.6	73.2	3	-59.6
1500	-23.6	73.8	3	-59.6
1510	-24.3	74.4	2	-59.9
1520	-24.5	75.0	1	-59.6
1530	-24.7	75.6	1	-59.3
1540	-25.1	76.2	0	-59.6
1550	-25.1	76.8	0	-59.6
1560	-25.0	77.4	-1	-59.6

1570	-25.1	78.0	-2	-59.6
1580	-25.4	78.6	-2	-59.6
1590	-25.2	79.2	-3	-59.6
1600	-25.4	79.8	-3	-59.9
1610	-25.5	80.4	-4	-59.6
1620	-25.6	81.0	-5	-59.6
1630	-25.1	81.6	-5	-59.6
1640	-25.0	82.2	-6	-59.9
1650	-25.2	82.8	-6	-59.6
1660	-25.4	83.4	-7	-59.6
1670	-25.2	84.0	-8	-59.6
1680	-25.0	84.5	-8	-59.6
1690	-24.8	85.1	-9	-59.9
1700	-25.1	85.7	-9	-59.6
1710	-25.4	86.3	-10	-59.6
1720	-25.0	86.9	-10	-59.6
1730	-24.5	87.5	-11	-59.9
1740	-24.5	88.1	-12	-59.6
1750	-24.8	88.7	-12	-59.6
1760	-24.0	89.3	-13	-59.3
1770	-23.7	89.9	-13	-59.9
1780	-24.1	90.5	-14	-59.9
1790	-24.1	91.1	-15	-59.6
1800	-24.3	91.7	-15	-59.6
1810	-24.0	92.3	-16	-59.6
1820	-24.1	92.9	-16	-59.6
1830	-24.3	93.5	-17	-59.6
1840	-24.3	94.1	-18	-59.3
1850	-24.1	94.7	-18	-59.3
1860	-24.0	95.3	-19	-59.6
1870	-24.1	95.9	-19	-59.6
1880	-24.7	96.5	-20	-59.6
1890	-24.8	97.1	-21	-59.3
1900	-24.4	97.7	-21	-59.6
1910	-24.4	98.3	-22	-59.9
1920	-24.8	98.9	-22	-59.6
1930	-25.0	99.5	-23	-59.6
1940	-24.8	100.1	-24	-59.3
1950	-24.8	100.7	-24	-59.9
1960	-24.8	101.2	-25	-59.9
1970	-25.1	101.8	-25	-59.6
1980	-25.1	102.4	-26	-59.6
1990	-24.7	103.0	-27	-59.6
2000	-24.8	103.6	-27	-59.9
2010	-25.4	104.2	-28	-59.6
2020	-25.4	104.8	-28	-59.6
2030	-24.7	105.4	-29	-59.6
2040	-24.5	106.0	-30	-59.6
2050	-25.2	106.6	-30	-59.9
2060	-25.2	107.2	-31	-59.6
2070	-24.8	107.8	-31	-59.6
2080	-25.0	108.4	-32	-59.9
2090	-25.1	109.0	-33	-59.6
2100	-25.0	109.6	-33	-59.6

2110	-24.7	110.2	-34	-59.6
2120	-24.3	110.8	-34	-59.6
2130	-23.9	111.4	-35	-59.6
2140	-23.5	112.0	-36	-59.6
2150	-23.3	112.6	-36	-59.3
2160	-22.5	113.2	-37	-59.6
2170	-21.3	113.8	-37	-59.3
2180	-20.7	114.4	-38	-59.3
2190	-20.3	115.0	-39	-59.3
2200	-19.9	115.6	-39	-59.3
2210	-18.6	116.1	-40	-59.6
2220	-18.6	116.7	-40	-59.6
2230	-18.6	117.3	-41	-59.3
2240	-19.1	117.9	-41	-51.1
2250	-25.6	118.4	-42	-40.9
2260	-24.3	118.8	-42	-33.8
2270	-18.3	119.1	-43	-26.6
2280	-16.7	119.3	-43	-21.0
2290	-18.0	119.5	-43	-17.0
2300	-20.2	119.7	-43	-14.1
2310	-16.7	119.8	-43	-10.9
2320	-12.6	119.9	-43	-8.5
2330	-11.9	120.0	-44	-6.9
2340	-12.7	120.1	-44	-6.6
2350	-10.8	120.1	-44	-5.3
2360	-9.2	120.2	-44	-3.9
2370	-9.4	120.2	-44	-3.1
2380	-9.4	120.2	-44	-2.3
2390	-8.1	120.2	-44	-1.8
2400	-6.2	120.3	-44	-1.0
2410	-5.0	120.3	-44	-1.0
2420	-4.1	120.3	-44	-0.7
2430	-1.8	120.3	-44	-0.5
2440	0.0	120.3	-44	-0.2
2450	0.4	120.3	-44	0.0
2460	0.7	120.3	-44	0.0
2470	0.8	120.3	-44	0.2
2480	0.8	120.3	-44	0.0
2490	2.6	120.3	-44	0.7
2500	13.4	120.3	-44	3.4
2510	5.6	120.2	-44	7.9
2520	0.7	120.1	-44	10.9
2530	6.9	119.9	-43	11.4
2540	8.1	119.8	-43	14.3
2550	5.8	119.6	-43	22.6
2560	6.1	119.4	-43	26.3
2570	6.8	119.1	-43	29.8
2580	7.5	118.8	-42	34.0
2590	7.9	118.4	-42	38.8
2600	7.3	118.1	-42	43.3
2610	8.1	117.6	-41	47.9
2620	9.4	117.2	-41	47.9
2630	8.5	116.6	-40	53.2
2640	8.4	116.1	-40	58.0

2650	10.8	115.5	-39	60.9
2660	13.8	114.9	-38	60.9
2670	13.6	114.3	-38	60.9
2680	12.3	113.6	-37	60.9
2690	12.9	113.0	-37	60.9
2700	13.4	112.4	-36	60.9
2710	14.2	111.8	-35	61.2
2720	14.1	111.2	-35	60.9
2730	13.7	110.6	-34	60.9
2740	13.8	110.0	-34	61.2
2750	14.2	109.4	-33	61.2
2760	14.2	108.8	-32	60.9
2770	14.1	108.1	-32	60.9
2780	14.2	107.5	-31	61.2
2790	14.6	106.9	-30	60.9
2800	14.9	106.3	-30	61.2
2810	14.6	105.7	-29	60.9
2820	14.1	105.1	-29	60.9
2830	14.5	104.5	-28	61.2
2840	14.5	103.9	-27	61.2
2850	14.5	103.3	-27	60.9
2860	14.2	102.6	-26	61.2
2870	14.0	102.0	-26	61.2
2880	14.1	101.4	-25	61.2
2890	14.4	100.8	-24	61.2
2900	14.2	100.2	-24	61.2
2910	14.4	99.6	-23	61.2
2920	14.4	99.0	-23	61.2
2930	14.4	98.4	-22	61.2
2940	13.8	97.8	-21	60.9
2950	13.6	97.1	-21	60.9
2960	13.3	96.5	-20	61.2
2970	13.3	95.9	-19	60.9
2980	13.4	95.3	-19	60.9
2990	13.0	94.7	-18	60.9
3000	13.0	94.1	-18	60.9
3010	13.2	93.5	-17	61.2
3020	13.4	92.9	-16	60.9
3030	13.2	92.3	-16	60.9
3040	13.2	91.7	-15	60.9
3050	12.9	91.0	-15	60.9
3060	12.9	90.4	-14	60.9
3070	12.6	89.8	-13	60.6
3080	12.6	89.2	-13	60.9
3090	12.3	88.6	-12	60.9
3100	12.5	88.0	-12	61.2
3110	12.6	87.4	-11	60.6
3120	12.6	86.8	-10	60.9
3130	12.7	86.2	-10	60.9
3140	12.7	85.6	-9	60.9
3150	13.2	84.9	-8	60.9
3160	12.7	84.3	-8	61.2
3170	12.2	83.7	-7	60.9
3180	12.5	83.1	-7	60.9

3190	12.6	82.5	-6	60.9
3200	12.3	81.9	-5	60.9
3210	12.6	81.3	-5	60.9
3220	12.9	80.7	-4	60.9
3230	12.6	80.1	-4	60.9
3240	13.2	79.5	-3	60.9
3250	12.9	78.8	-2	60.9
3260	12.6	78.2	-2	61.2
3270	12.3	77.6	-1	61.2
3280	12.7	77.0	-1	60.9
3290	12.5	76.4	0	60.9
3300	12.6	75.8	1	60.9
3310	12.6	75.2	1	61.2
3320	12.5	74.6	2	61.2
3330	12.3	74.0	2	60.9
3340	12.3	73.4	3	60.9
3350	12.2	72.7	4	60.9
3360	12.6	72.1	4	61.2
3370	12.3	71.5	5	60.9
3380	12.2	70.9	6	60.9
3390	12.3	70.3	6	60.9
3400	11.9	69.7	7	60.9
3410	11.7	69.1	7	60.9
3420	11.8	68.5	8	60.6
3430	11.4	67.9	9	60.9
3440	11.3	67.3	9	60.9
3450	11.3	66.6	10	60.9
3460	11.0	66.0	10	61.2
3470	11.4	65.5	11	53.5
3480	18.0	64.9	12	44.4
3490	17.8	64.5	12	43.9
3500	14.6	64.2	12	31.9
3510	13.7	63.9	13	27.9
3520	14.1	63.7	13	20.4
3530	14.0	63.5	13	14.9
3540	12.2	63.4	13	14.1
3550	10.0	63.3	13	10.3
3560	9.1	63.2	13	8.7
3570	9.1	63.1	13	6.9
3580	8.4	63.1	13	5.3
3590	7.3	63.0	13	3.7
3600	6.6	63.0	13	3.4
3610	5.8	63.0	13	2.9
3620	4.7	62.9	14	2.3
3630	3.0	62.9	14	2.9
3640	2.8	62.9	14	0.5
3650	1.1	62.9	14	0.0
3660	-0.9	62.9	14	0.0
3670	-0.9	62.9	14	1.0
3680	-1.2	62.9	14	1.3
3690	-7.7	62.9	14	-0.2
3700	-13.8	62.9	14	-2.1
3710	-6.5	62.9	14	-5.3
3720	-3.5	63.0	13	-7.7

3730	-12.5	63.1	13	-10.1
3740	-11.7	63.3	13	-15.7
3750	-8.3	63.5	13	-21.0
3760	-11.4	63.7	13	-25.5
3770	-13.8	64.1	12	-31.1
3780	-11.7	64.5	12	-37.5
3790	-11.7	64.9	12	-43.3
3800	-15.1	65.5	11	-49.2
3810	-18.0	66.1	10	-57.5
3820	-20.2	66.6	10	-58.3
3830	-21.0	67.2	9	-58.8
3840	-21.0	67.8	9	-59.1
3850	-21.8	68.4	8	-59.6
3860	-22.5	69.0	7	-59.6
3870	-23.1	69.6	7	-59.6
3880	-22.9	70.2	6	-59.3
3890	-22.6	70.8	6	-59.6
3900	-22.4	71.4	5	-59.6
3910	-22.4	72.0	4	-59.6
3920	-22.6	72.6	4	-59.6
3930	-22.4	73.2	3	-59.3
3940	-22.4	73.8	3	-59.3
3950	-23.3	74.4	2	-59.6
3960	-23.5	75.0	1	-59.6
3970	-23.3	75.6	1	-59.3
3980	-23.2	76.2	0	-59.3
3990	-22.6	76.8	0	-59.3
4000	-22.4	77.4	-1	-59.3
4010	-22.2	78.0	-2	-59.3
4020	-22.1	78.5	-2	-59.3
4030	-21.8	79.1	-3	-59.3
4040	-22.1	79.7	-3	-59.3
4050	-22.2	80.3	-4	-59.6
4060	-22.2	80.9	-4	-59.3
4070	-22.0	81.5	-5	-59.3
4080	-22.0	82.1	-6	-59.3
4090	-21.7	82.7	-6	-59.6
4100	-21.3	83.3	-7	-59.3
4110	-21.2	83.9	-7	-59.3
4120	-20.7	84.5	-8	-59.3
4130	-20.6	85.1	-9	-59.3
4140	-20.9	85.7	-9	-59.1
4150	-21.3	86.3	-10	-59.3
4160	-21.3	86.9	-10	-59.3
4170	-21.0	87.5	-11	-59.6
4180	-21.2	88.1	-12	-59.3
4190	-21.7	88.7	-12	-59.3
4200	-21.2	89.2	-13	-59.3
4210	-20.3	89.8	-13	-59.3
4220	-20.9	90.4	-14	-59.6
4230	-21.2	91.0	-15	-59.3
4240	-21.3	91.6	-15	-59.3
4250	-21.2	92.2	-16	-59.3
4260	-21.0	92.8	-16	-59.6

4270	-21.6	93.4	-17	-59.3
4280	-21.8	94.0	-18	-59.3
4290	-22.1	94.6	-18	-59.3
4300	-21.7	95.2	-19	-59.6
4310	-21.8	95.8	-19	-59.6
4320	-22.1	96.4	-20	-59.3
4330	-22.2	97.0	-21	-59.1
4340	-21.8	97.6	-21	-59.6
4350	-22.0	98.2	-22	-59.6
4360	-22.4	98.8	-22	-59.6
4370	-22.6	99.4	-23	-59.6
4380	-22.6	99.9	-23	-59.3
4390	-22.6	100.5	-24	-59.6
4400	-22.9	101.1	-25	-59.6
4410	-22.9	101.7	-25	-59.6
4420	-23.2	102.3	-26	-59.3
4430	-23.1	102.9	-26	-59.3
4440	-23.3	103.5	-27	-59.9
4450	-23.6	104.1	-28	-59.6
4460	-24.3	104.7	-28	-59.6
4470	-24.1	105.3	-29	-59.6
4480	-24.3	105.9	-29	-59.6
4490	-25.1	106.5	-30	-59.6
4500	-25.4	107.1	-31	-59.9
4510	-25.4	107.7	-31	-59.6
4520	-25.6	108.3	-32	-59.9
4530	-25.9	108.9	-32	-59.9
4540	-26.2	109.5	-33	-59.6
4550	-26.8	110.1	-34	-59.6
4560	-26.6	110.7	-34	-59.9
4570	-26.7	111.3	-35	-59.9
4580	-27.1	111.9	-35	-59.9
4590	-28.1	112.5	-36	-59.9
4600	-28.2	113.1	-37	-59.9
4610	-28.3	113.7	-37	-60.1
4620	-28.9	114.3	-38	-60.1
4630	-29.3	114.9	-38	-59.9
4640	-29.6	115.5	-39	-60.1
4650	-29.2	116.1	-40	-60.1
4660	-29.6	116.7	-40	-60.1
4670	-30.1	117.3	-41	-60.1
4680	-30.8	117.9	-41	-52.7
4690	-37.8	118.4	-42	-43.1
4700	-38.8	118.8	-42	-42.3
4710	-33.6	119.1	-43	-33.8
4720	-32.8	119.4	-43	-26.8
4730	-33.9	119.6	-43	-19.9
4740	-32.8	119.7	-43	-14.1
4750	-29.6	119.9	-43	-11.1
4760	-28.2	120.0	-44	-8.7
4770	-27.3	120.1	-44	-6.9
4780	-26.0	120.1	-44	-5.5
4790	-23.9	120.2	-44	-4.5
4800	-22.0	120.2	-44	-3.1

4810	-20.6	120.3	-44	-2.9
4820	-18.6	120.3	-44	-2.1
4830	-15.9	120.3	-44	-1.5
4840	-12.9	120.3	-44	-1.0
4850	-10.4	120.3	-44	-0.7
4860	-7.9	120.3	-44	-0.5
4870	-5.3	120.3	-44	0.0
4880	-2.7	120.3	-44	0.0
4890	-0.8	120.3	-44	0.0
4900	0.0	120.3	-44	0.0
4910	0.4	120.3	-44	0.0
4920	0.7	120.3	-44	0.0
4930	0.8	120.3	-44	0.2
4940	0.8	120.3	-44	0.7
4950	1.8	120.3	-44	1.0
4960	13.6	120.3	-44	2.9
4970	6.1	120.2	-44	7.7
4980	0.9	120.1	-44	10.9
4990	6.9	120.0	-44	11.9
5000	7.9	119.8	-43	14.6
5010	5.6	119.6	-43	18.6
5020	7.3	119.4	-43	21.5
5030	7.9	119.1	-43	25.0
5040	6.1	118.8	-42	28.7
5050	8.3	118.5	-42	31.9
5060	8.5	118.1	-42	35.9
5070	6.8	117.7	-41	40.1
5080	8.4	117.2	-41	48.4
5090	8.8	116.6	-40	52.9
5100	7.9	116.1	-40	58.0
5110	10.2	115.5	-39	60.9
5120	13.0	114.9	-38	60.9
5130	12.7	114.2	-38	60.9
5140	11.7	113.6	-37	60.9
5150	12.2	113.0	-37	60.9
5160	12.1	112.4	-36	60.9
5170	13.3	111.8	-35	60.9
5180	13.0	111.2	-35	60.9
5190	12.3	110.6	-34	60.9
5200	12.5	110.0	-34	60.9
5210	12.9	109.4	-33	60.9
5220	12.9	108.8	-32	60.9
5230	12.9	108.1	-32	60.9
5240	13.0	107.5	-31	60.9
5250	13.0	106.9	-30	61.2
5260	12.9	106.3	-30	60.9
5270	13.3	105.7	-29	60.9
5280	12.7	105.1	-29	60.9
5290	12.7	104.5	-28	61.2
5300	12.7	103.9	-27	60.9
5310	13.2	103.3	-27	60.9
5320	13.2	102.7	-26	60.9
5330	12.6	102.0	-26	60.9
5340	12.7	101.4	-25	61.2

5350	13.0	100.8	-24	61.2
5360	12.7	100.2	-24	60.9
5370	12.6	99.6	-23	60.9
5380	12.6	99.0	-23	61.2
5390	12.6	98.4	-22	60.9
5400	12.5	97.8	-21	60.9
5410	12.5	97.2	-21	60.6
5420	11.9	96.6	-20	60.9
5430	12.1	95.9	-19	60.9
5440	12.7	95.3	-19	60.9
5450	12.2	94.7	-18	60.9
5460	12.3	94.1	-18	60.9
5470	12.6	93.5	-17	60.9
5480	12.6	92.9	-16	60.9
5490	11.9	92.3	-16	60.6
5500	12.1	91.7	-15	60.6
5510	11.8	91.1	-15	60.9
5520	12.2	90.5	-14	60.9
5530	12.3	89.8	-13	60.9
5540	12.3	89.2	-13	60.9
5550	11.9	88.6	-12	60.9
5560	12.2	88.0	-12	60.9
5570	12.3	87.4	-11	60.9
5580	12.7	86.8	-10	60.9
5590	12.5	86.2	-10	60.9
5600	12.3	85.6	-9	60.9
5610	12.6	85.0	-9	60.9
5620	12.7	84.4	-8	60.9
5630	12.6	83.8	-7	60.9
5640	12.6	83.1	-7	61.2
5650	12.5	82.5	-6	60.9
5660	12.7	81.9	-5	60.9
5670	12.7	81.3	-5	60.9
5680	13.0	80.7	-4	60.9
5690	12.9	80.1	-4	60.9
5700	13.3	79.5	-3	60.9
5710	12.9	78.9	-2	60.9
5720	12.7	78.3	-2	60.9
5730	12.7	77.7	-1	61.2
5740	13.0	77.0	-1	60.9
5750	12.6	76.4	0	60.9
5760	12.6	75.8	1	60.9
5770	12.9	75.2	1	60.9
5780	12.7	74.6	2	61.2
5790	12.7	74.0	2	60.9
5800	12.7	73.4	3	60.9
5810	12.6	72.8	4	60.9
5820	12.6	72.2	4	60.9
5830	12.5	71.6	5	60.9
5840	12.3	70.9	6	60.9
5850	12.1	70.3	6	60.9
5860	11.8	69.7	7	60.9
5870	11.5	69.1	7	60.9
5880	11.5	68.5	8	60.9

5890	11.4	67.9	9	60.9
5900	11.1	67.3	9	60.9
5910	10.7	66.7	10	60.9
5920	10.3	66.1	10	60.9
5930	10.4	65.5	11	53.7
5940	17.4	65.0	11	44.7
5950	17.0	64.5	12	40.1
5960	13.3	64.2	12	31.9
5970	12.6	63.9	13	27.9
5980	12.3	63.7	13	20.2
5990	11.1	63.5	13	14.6
6000	9.4	63.4	13	12.7
6010	6.9	63.3	13	9.0
6020	5.4	63.2	13	8.7
6030	5.4	63.1	13	6.3
6040	5.2	63.1	13	4.5
6050	4.1	63.0	13	4.5
6060	3.0	63.0	13	3.1
6070	2.3	63.0	13	2.1
6080	1.9	63.0	13	1.8
6090	1.1	62.9	14	2.1
6100	0.4	62.9	14	1.8
6110	0.0	62.9	14	2.1
6120	-0.3	62.9	14	0.2
6130	-0.9	62.9	14	0.5
6140	-1.1	62.9	14	1.3
6150	-3.4	62.9	14	0.5
6160	-14.8	62.9	14	-1.8
6170	-7.6	62.9	14	-4.5
6180	-2.6	63.0	13	-6.6
6190	-10.8	63.1	13	-8.5
6200	-12.3	63.2	13	-13.3
6210	-8.4	63.4	13	-19.1
6220	-9.5	63.6	13	-23.4
6230	-13.8	63.9	13	-28.2
6240	-11.1	64.3	12	-34.6
6250	-9.9	64.7	12	-40.1
6260	-14.2	65.2	11	-45.2
6270	-14.9	65.8	11	-55.9
6280	-17.6	66.4	10	-57.7
6290	-20.2	67.0	9	-58.5
6300	-20.6	67.5	9	-58.8
6310	-20.6	68.1	8	-59.3
6320	-21.7	68.7	8	-59.6
6330	-22.5	69.3	7	-59.6
6340	-22.9	69.9	7	-59.6
6350	-23.3	70.5	6	-59.6
6360	-23.2	71.1	5	-59.6
6370	-23.2	71.7	5	-59.9
6380	-23.9	72.3	4	-59.9
6390	-24.4	72.9	4	-59.6
6400	-24.4	73.5	3	-59.3
6410	-25.0	74.1	2	-59.9
6420	-25.4	74.7	2	-59.9

6430	-25.6	75.3	1	-59.6
6440	-25.6	75.9	1	-59.6
6450	-25.8	76.5	0	-59.6
6460	-25.5	77.1	-1	-59.6
6470	-25.9	77.7	-1	-59.6
6480	-26.0	78.3	-2	-59.9
6490	-26.0	78.9	-2	-59.6
6500	-26.2	79.5	-3	-59.9
6510	-26.6	80.1	-4	-59.9
6520	-26.8	80.7	-4	-59.9
6530	-26.7	81.3	-5	-59.6
6540	-27.1	81.9	-5	-59.6
6550	-27.3	82.5	-6	-59.9
6560	-27.1	83.1	-7	-59.9
6570	-26.7	83.7	-7	-59.9
6580	-26.7	84.3	-8	-59.6
6590	-26.8	84.9	-8	-59.9
6600	-27.3	85.5	-9	-59.6
6610	-27.5	86.1	-10	-59.6
6620	-27.8	86.7	-10	-59.9
6630	-27.5	87.3	-11	-59.9
6640	-27.7	87.9	-11	-59.9
6650	-28.2	88.5	-12	-59.6
6660	-28.2	89.1	-13	-59.9
6670	-27.9	89.7	-13	-60.1
6680	-27.8	90.3	-14	-60.1
6690	-28.3	90.9	-14	-59.9
6700	-28.3	91.5	-15	-59.9
6710	-28.6	92.0	-16	-59.9
6720	-28.6	92.6	-16	-59.9
6730	-28.6	93.2	-17	-59.9
6740	-29.4	93.8	-17	-59.9
6750	-29.2	94.4	-18	-59.9
6760	-28.9	95.0	-19	-59.9
6770	-29.0	95.6	-19	-59.9
6780	-29.3	96.2	-20	-59.9
6790	-29.0	96.8	-20	-59.9
6800	-28.9	97.4	-21	-59.9
6810	-28.7	98.0	-22	-60.1
6820	-29.4	98.6	-22	-59.9
6830	-29.4	99.2	-23	-59.9
6840	-30.1	99.8	-23	-59.9
6850	-29.4	100.4	-24	-59.9
6860	-30.1	101.0	-25	-60.1
6870	-30.2	101.6	-25	-60.1
6880	-30.4	102.2	-26	-59.9
6890	-30.0	102.8	-26	-59.9
6900	-30.2	103.4	-27	-60.1
6910	-30.4	104.0	-28	-60.1
6920	-31.1	104.6	-28	-60.1
6930	-30.9	105.2	-29	-60.1
6940	-30.9	105.8	-29	-60.1
6950	-31.7	106.4	-30	-60.1
6960	-32.0	107.0	-31	-60.4

6970	-32.1	107.7	-31	-60.1
6980	-32.0	108.3	-32	-60.4
6990	-31.9	108.9	-32	-60.4
7000	-31.9	109.5	-33	-60.1
7010	-32.5	110.1	-34	-59.9
7020	-32.4	110.7	-34	-60.1
7030	-32.3	111.3	-35	-60.1
7040	-32.5	111.9	-35	-60.1
7050	-33.1	112.5	-36	-59.9
7060	-33.4	113.1	-37	-59.9
7070	-33.2	113.7	-37	-60.1
7080	-33.4	114.3	-38	-60.4
7090	-33.5	114.9	-38	-59.9
7100	-33.8	115.5	-39	-60.1
7110	-33.0	116.1	-40	-60.1
7120	-32.5	116.7	-40	-60.1
7130	-32.3	117.3	-41	-60.1
7140	-32.8	117.8	-41	-52.9
7150	-40.0	118.4	-42	-43.3
7160	-40.8	118.8	-42	-43.1
7170	-35.9	119.1	-43	-33.8
7180	-33.5	119.4	-43	-26.8
7190	-33.1	119.6	-43	-21.5
7200	-32.8	119.7	-43	-17.0
7210	-31.3	119.9	-43	-13.8
7220	-29.8	120.0	-44	-10.9
7230	-28.1	120.1	-44	-8.5
7240	-26.4	120.1	-44	-6.6
7250	-24.4	120.2	-44	-5.3
7260	-22.4	120.2	-44	-4.2
7270	-20.6	120.3	-44	-3.1
7280	-18.0	120.3	-44	-2.3
7290	-14.8	120.3	-44	-1.8
7300	-11.4	120.3	-44	-1.3
7310	-8.7	120.3	-44	-0.7
7320	-5.7	120.3	-44	-0.2
7330	-3.1	120.3	-44	0.0
7340	-0.9	120.3	-44	0.0
7350	0.1	120.3	-44	0.0
7360	0.4	120.3	-44	0.0
7370	0.5	120.3	-44	0.0
7380	0.8	120.3	-44	0.2
7390	0.8	120.3	-44	0.5
7400	0.9	120.3	-44	0.7
7410	3.8	120.3	-44	1.3
7420	11.0	120.2	-44	4.7
7430	4.2	120.2	-44	8.7
7440	1.9	120.0	-44	11.1
7450	9.6	119.9	-43	12.5
7460	6.6	119.7	-43	16.5
7470	5.6	119.5	-43	19.9
7480	8.7	119.3	-43	23.1
7490	7.9	119.0	-43	26.8
7500	5.7	118.7	-42	30.8

7510	7.9	118.3	-42	34.0
7520	8.3	117.9	-41	37.8
7530	7.3	117.4	-41	46.5
7540	8.9	116.9	-40	50.8
7550	8.8	116.4	-40	55.9
7560	8.3	115.8	-39	60.4
7570	12.6	115.2	-39	60.9
7580	13.2	114.6	-38	60.9
7590	11.1	113.9	-37	60.9
7600	11.4	113.3	-37	60.6
7610	11.7	112.7	-36	60.9
7620	11.7	112.1	-36	60.9
7630	12.3	111.5	-35	60.9
7640	12.2	110.9	-34	60.6
7650	11.8	110.3	-34	60.9
7660	12.2	109.7	-33	60.9
7670	12.6	109.1	-33	60.9
7680	12.2	108.5	-32	60.9
7690	12.3	107.9	-31	60.6
7700	12.5	107.2	-31	61.2
7710	12.3	106.6	-30	60.9
7720	12.5	106.0	-30	60.9
7730	12.5	105.4	-29	60.6
7740	12.5	104.8	-28	60.9
7750	12.6	104.2	-28	60.9
7760	12.9	103.6	-27	61.2
7770	12.9	103.0	-27	60.9
7780	12.7	102.4	-26	60.9
7790	12.3	101.8	-25	60.9
7800	13.2	101.1	-25	61.2
7810	12.7	100.5	-24	60.9
7820	12.3	99.9	-23	60.9
7830	12.7	99.3	-23	61.2
7840	13.3	98.7	-22	60.9
7850	12.6	98.1	-22	60.9
7860	12.7	97.5	-21	60.9
7870	12.6	96.9	-20	60.9
7880	12.5	96.3	-20	61.2
7890	12.2	95.7	-19	60.9
7900	12.3	95.0	-19	60.9
7910	11.5	94.4	-18	60.9
7920	11.5	93.8	-17	60.9
7930	11.5	93.2	-17	60.9
7940	11.5	92.6	-16	60.6
7950	11.4	92.0	-16	60.6
7960	11.7	91.4	-15	60.6
7970	11.7	90.8	-14	60.9
7980	11.7	90.2	-14	60.9
7990	11.9	89.6	-13	60.9
8000	11.9	89.0	-13	60.9
8010	11.8	88.3	-12	60.9
8020	11.9	87.7	-11	60.9
8030	11.8	87.1	-11	60.6
8040	12.2	86.5	-10	60.9

8050	12.2	85.9	-9	60.9
8060	12.3	85.3	-9	60.9
8070	12.6	84.7	-8	60.9
8080	12.5	84.1	-8	60.9
8090	12.6	83.5	-7	60.9
8100	12.7	82.9	-6	61.2
8110	12.7	82.2	-6	60.9
8120	12.7	81.6	-5	60.9
8130	13.7	81.0	-5	60.9
8140	12.9	80.4	-4	60.9
8150	12.9	79.8	-3	61.2
8160	13.2	79.2	-3	60.9
8170	13.2	78.6	-2	60.9
8180	13.0	78.0	-2	61.2
8190	13.4	77.4	-1	61.2
8200	13.3	76.8	0	60.9
8210	13.2	76.1	0	60.9
8220	13.3	75.5	1	61.2
8230	13.2	74.9	2	61.2
8240	13.0	74.3	2	61.2
8250	13.3	73.7	3	60.9
8260	12.6	73.1	3	61.2
8270	13.0	72.5	4	60.9
8280	12.7	71.9	5	61.2
8290	12.7	71.3	5	60.9
8300	12.5	70.7	6	60.6
8310	12.7	70.0	6	61.2
8320	12.2	69.4	7	60.9
8330	12.1	68.8	8	60.9
8340	11.9	68.2	8	60.9
8350	12.1	67.6	9	60.9
8360	11.9	67.0	9	60.9
8370	11.5	66.4	10	60.6
8380	11.4	65.8	11	60.6
8390	16.0	65.2	11	60.4
8400	19.8	64.7	12	50.0
8410	16.7	64.4	12	36.4
8420	14.6	64.0	12	31.6
8430	14.9	63.8	13	23.1
8440	14.2	63.6	13	16.7
8450	13.4	63.5	13	15.9
8460	11.8	63.3	13	11.4
8470	9.9	63.2	13	10.3
8480	9.6	63.2	13	7.9
8490	8.9	63.1	13	5.8
8500	7.3	63.1	13	4.2
8510	6.2	63.0	13	3.9
8520	5.6	63.0	13	2.9
8530	4.2	63.0	13	1.8
8540	1.9	62.9	14	2.1
8550	0.4	62.9	14	2.1
8560	0.0	62.9	14	1.3
8570	-0.8	62.9	14	0.0
8580	-1.1	62.9	14	1.0

8590	-1.8	62.9	14	1.0
8600	-15.9	62.9	14	-1.3
8610	-9.4	62.9	14	-3.9
8620	-3.0	63.0	13	-6.3
8630	-8.1	63.1	13	-10.1
8640	-11.9	63.2	13	-14.3
8650	-8.1	63.4	13	-21.0
8660	-7.7	63.6	13	-26.3
8670	-12.7	63.9	13	-31.4
8680	-10.8	64.2	12	-38.3
8690	-9.1	64.6	12	-44.9
8700	-12.7	65.0	11	-50.8
8710	-13.6	65.6	11	-58.3
8720	-13.7	66.1	10	-62.8
8730	-18.6	66.7	10	-57.5
8740	-19.9	67.3	9	-58.3
8750	-18.0	67.9	9	-58.5
8760	-19.4	68.4	8	-59.1
8770	-21.0	69.0	7	-59.6
8780	-20.7	69.6	7	-59.3
8790	-20.5	70.2	6	-59.3
8800	-21.4	70.8	6	-59.3
8810	-21.6	71.4	5	-59.3
8820	-21.2	72.0	4	-59.6
8830	-21.6	72.6	4	-59.3
8840	-22.0	73.2	3	-59.3
8850	-22.1	73.8	3	-59.3
8860	-22.6	74.4	2	-59.6
8870	-23.1	75.0	1	-59.3
8880	-23.5	75.6	1	-59.3
8890	-23.6	76.2	0	-59.3
8900	-23.6	76.8	0	-59.3
8910	-23.9	77.4	-1	-59.6
8920	-24.1	78.0	-2	-59.6
8930	-24.1	78.6	-2	-59.3
8940	-23.9	79.2	-3	-59.3
8950	-23.9	79.8	-3	-59.6
8960	-23.6	80.3	-4	-59.6
8970	-23.1	80.9	-4	-59.6
8980	-22.8	81.5	-5	-59.3
8990	-22.9	82.1	-6	-59.6
9000	-22.9	82.7	-6	-59.6
9010	-22.8	83.3	-7	-59.6
9020	-23.1	83.9	-7	-59.3
9030	-23.3	84.5	-8	-59.3
9040	-23.5	85.1	-9	-59.6
9050	-23.5	85.7	-9	-59.3
9060	-23.6	86.3	-10	-59.3
9070	-23.3	86.9	-10	-59.3
9080	-23.1	87.5	-11	-59.6
9090	-22.9	88.1	-12	-59.6
9100	-23.2	88.7	-12	-59.6
9110	-22.8	89.3	-13	-59.3
9120	-22.5	89.9	-13	-59.6

9130	-23.3	90.5	-14	-59.6
9140	-23.6	91.1	-15	-59.6
9150	-23.6	91.7	-15	-59.3
9160	-23.5	92.3	-16	-59.6
9170	-23.5	92.8	-16	-59.6
9180	-23.6	93.4	-17	-59.6
9190	-23.6	94.0	-18	-59.6
9200	-23.7	94.6	-18	-59.3
9210	-23.3	95.2	-19	-59.3
9220	-23.5	95.8	-19	-59.6
9230	-24.0	96.4	-20	-59.3
9240	-24.3	97.0	-21	-59.3
9250	-24.1	97.6	-21	-59.6
9260	-24.0	98.2	-22	-59.9
9270	-24.4	98.8	-22	-59.6
9280	-24.5	99.4	-23	-59.6
9290	-24.4	100.0	-24	-59.3
9300	-24.4	100.6	-24	-59.6
9310	-24.3	101.2	-25	-59.6
9320	-24.5	101.8	-25	-59.6
9330	-24.7	102.4	-26	-59.3
9340	-24.3	103.0	-27	-59.6
9350	-24.5	103.6	-27	-59.6
9360	-24.8	104.2	-28	-59.6
9370	-25.1	104.8	-28	-59.6
9380	-24.5	105.4	-29	-59.3
9390	-24.4	106.0	-30	-59.6
9400	-24.8	106.6	-30	-59.9
9410	-25.0	107.1	-31	-59.6
9420	-24.7	107.7	-31	-59.3
9430	-25.0	108.3	-32	-59.6
9440	-25.1	108.9	-32	-59.9
9450	-25.4	109.5	-33	-59.9
9460	-25.9	110.1	-34	-59.6
9470	-25.5	110.7	-34	-59.9
9480	-25.2	111.3	-35	-59.6
9490	-25.4	111.9	-35	-59.9
9500	-26.0	112.5	-36	-59.3
9510	-25.5	113.1	-37	-59.6
9520	-25.4	113.7	-37	-59.6
9530	-25.2	114.3	-38	-59.9
9540	-25.2	114.9	-38	-59.6
9550	-25.6	115.5	-39	-59.6
9560	-25.4	116.1	-40	-59.6
9570	-24.4	116.7	-40	-59.9
9580	-23.6	117.3	-41	-59.6
9590	-24.7	117.9	-41	-52.1
9600	-31.3	118.4	-42	-42.3
9610	-31.1	118.8	-42	-41.7
9620	-25.0	119.1	-43	-33.2
9630	-24.0	119.3	-43	-26.0
9640	-24.8	119.6	-43	-21.2
9650	-23.3	119.7	-43	-17.0
9660	-21.0	119.8	-43	-13.5

9670	-20.3	120.0	-44	-10.9
9680	-19.4	120.0	-44	-8.7
9690	-17.5	120.1	-44	-6.6
9700	-15.5	120.2	-44	-5.0
9710	-14.0	120.2	-44	-4.2
9720	-12.6	120.2	-44	-3.1
9730	-10.3	120.3	-44	-2.6
9740	-7.3	120.3	-44	-1.5
9750	-3.9	120.3	-44	-1.0
9760	-1.5	120.3	-44	-0.7
9770	-0.7	120.3	-44	-0.2
9780	-0.3	120.3	-44	-0.2
9790	0.4	120.3	-44	-0.2
9800	0.7	120.3	-44	0.0
9810	0.8	120.3	-44	0.0
9820	0.8	120.3	-44	0.2
9830	4.1	120.3	-44	0.5
9840	10.2	120.3	-44	3.7
9850	3.3	120.2	-44	7.1
9860	0.5	120.1	-44	9.0
9870	9.5	120.0	-44	10.1
9880	7.1	119.9	-43	13.5
9890	4.5	119.7	-43	17.3
9900	7.9	119.5	-43	19.7
9910	7.7	119.2	-43	23.4
9920	5.4	118.9	-42	27.1
9930	7.2	118.6	-42	30.0
9940	8.0	118.2	-42	33.5
9950	6.2	117.8	-41	37.5
9960	8.4	117.4	-41	45.2
9970	8.9	116.9	-40	49.7
9980	7.2	116.3	-40	54.5
9990	8.0	115.8	-39	59.1
10000	11.3	115.2	-39	60.9
10010	11.9	114.5	-38	60.9
10020	11.4	113.9	-37	60.9
10030	11.0	113.3	-37	60.6
10040	11.1	112.7	-36	60.9
10050	11.8	112.1	-36	60.9
10060	12.2	111.5	-35	60.9
10070	11.8	110.9	-34	60.9
10080	11.4	110.3	-34	60.9
10090	11.4	109.7	-33	60.9
10100	11.4	109.1	-33	60.9
10110	11.1	108.5	-32	60.6
10120	11.1	107.8	-31	60.9
10130	11.1	107.2	-31	60.9
10140	10.8	106.6	-30	60.9
10150	10.6	106.0	-30	60.9
10160	10.2	105.4	-29	60.9
10170	10.4	104.8	-28	60.9
10180	10.2	104.2	-28	60.9
10190	10.0	103.6	-27	60.9
10200	9.9	103.0	-27	60.6

10210	10.0	102.4	-26	60.6
10220	9.6	101.8	-25	60.9
10230	10.0	101.1	-25	60.6
10240	10.0	100.5	-24	60.6
10250	9.9	99.9	-23	60.6
10260	10.3	99.3	-23	60.9
10270	10.3	98.7	-22	60.9
10280	9.9	98.1	-22	60.6
10290	10.4	97.5	-21	60.6
10300	10.3	96.9	-20	60.9
10310	9.9	96.3	-20	60.9
10320	9.9	95.7	-19	60.9
10330	10.4	95.1	-19	60.9
10340	10.2	94.5	-18	60.6
10350	10.2	93.8	-17	60.6
10360	10.4	93.2	-17	60.9
10370	10.7	92.6	-16	60.9
10380	10.7	92.0	-16	60.6
10390	10.8	91.4	-15	60.6
10400	10.7	90.8	-14	60.9
10410	11.0	90.2	-14	60.9
10420	11.4	89.6	-13	60.6
10430	11.3	89.0	-13	60.9
10440	11.4	88.4	-12	60.9
10450	11.4	87.8	-11	60.9
10460	11.3	87.2	-11	60.6
10470	11.7	86.5	-10	60.6
10480	11.4	85.9	-9	60.9
10490	11.3	85.3	-9	60.9
10500	11.8	84.7	-8	60.9
10510	11.7	84.1	-8	60.6
10520	11.4	83.5	-7	60.9
10530	11.7	82.9	-6	60.9
10540	11.7	82.3	-6	60.9
10550	11.5	81.7	-5	60.9
10560	12.2	81.1	-5	60.9
10570	11.7	80.4	-4	60.9
10580	11.5	79.8	-3	60.9
10590	11.9	79.2	-3	60.6
10600	12.1	78.6	-2	60.9
10610	11.7	78.0	-2	60.9
10620	11.7	77.4	-1	60.9
10630	11.8	76.8	0	60.9
10640	12.2	76.2	0	60.9
10650	12.3	75.6	1	60.9
10660	12.1	75.0	1	61.2
10670	11.5	74.4	2	60.9
10680	12.1	73.7	3	60.6
10690	11.8	73.1	3	60.9
10700	11.8	72.5	4	60.9
10710	11.3	71.9	5	60.9
10720	11.4	71.3	5	60.9
10730	11.4	70.7	6	60.9
10740	11.4	70.1	6	60.6

10750	11.0	69.5	7	60.9
10760	10.8	68.9	8	60.6
10770	10.4	68.3	8	60.6
10780	10.2	67.7	9	60.6
10790	9.6	67.0	9	60.9
10800	9.2	66.4	10	60.9
10810	8.8	65.9	11	54.5
10820	11.8	65.3	11	49.7
10830	16.0	64.8	12	41.5
10840	12.9	64.4	12	36.7
10850	10.6	64.1	12	29.2
10860	11.4	63.8	13	21.0
10870	9.8	63.6	13	20.4
10880	8.9	63.5	13	14.6
10890	8.8	63.4	13	10.6
10900	6.6	63.3	13	10.6
10910	5.6	63.2	13	7.4
10920	5.6	63.1	13	5.3
10930	4.2	63.1	13	5.3
10940	3.1	63.0	13	3.7
10950	2.6	63.0	13	2.3
10960	1.8	63.0	13	2.6
10970	0.5	63.0	13	2.1
10980	0.0	62.9	14	2.3
10990	0.0	62.9	14	2.3
11000	-0.7	62.9	14	0.7
11010	-0.9	62.9	14	0.7
11020	-1.5	62.9	14	1.0
11030	-11.9	62.9	14	-0.5
11040	-7.5	62.9	14	-1.8
11050	-1.5	62.9	14	-3.7
11060	-6.6	63.0	13	-5.3
11070	-9.5	63.0	13	-7.9
11080	-5.2	63.2	13	-11.9
11090	-6.1	63.3	13	-14.6
11100	-10.2	63.5	13	-17.8
11110	-8.0	63.7	13	-22.6
11120	-6.5	64.0	12	-26.3
11130	-9.8	64.3	12	-29.8
11140	-10.4	64.7	12	-34.6
11150	-7.9	65.1	11	-39.4
11160	-9.4	65.6	11	-43.6
11170	-11.7	66.2	10	-53.7
11180	-12.1	66.7	10	-56.9
11190	-14.1	67.3	9	-57.2
11200	-15.7	67.9	9	-56.9
11210	-14.9	68.4	8	-57.2
11220	-14.9	69.0	7	-58.0
11230	-15.9	69.6	7	-58.5
11240	-16.5	70.2	6	-58.8
11250	-16.5	70.8	6	-59.1
11260	-16.3	71.4	5	-59.3
11270	-17.0	72.0	4	-59.3
11280	-17.4	72.6	4	-59.3

11290	-17.2	73.1	3	-59.3
11300	-17.4	73.7	3	-59.6
11310	-18.2	74.3	2	-59.6
11320	-18.6	74.9	2	-59.6
11330	-18.4	75.5	1	-59.6
11340	-18.8	76.1	0	-59.3
11350	-18.8	76.7	0	-59.3
11360	-18.8	77.3	-1	-59.6
11370	-19.1	77.9	-1	-59.6
11380	-19.4	78.5	-2	-59.6
11390	-19.3	79.1	-3	-59.6
11400	-19.5	79.7	-3	-59.6
11410	-19.8	80.3	-4	-59.9
11420	-20.1	80.9	-4	-59.6
11430	-20.1	81.5	-5	-59.6
11440	-20.3	82.1	-6	-59.6
11450	-20.6	82.7	-6	-59.6
11460	-20.6	83.3	-7	-59.6
11470	-20.6	83.9	-7	-59.6
11480	-20.5	84.5	-8	-59.6
11490	-20.5	85.1	-9	-59.6
11500	-20.7	85.7	-9	-59.6
11510	-21.2	86.3	-10	-59.9
11520	-21.0	86.9	-10	-59.6
11530	-20.7	87.5	-11	-59.9
11540	-21.2	88.1	-12	-59.6
11550	-21.6	88.6	-12	-59.6
11560	-21.2	89.2	-13	-59.6
11570	-20.7	89.8	-13	-59.9
11580	-21.7	90.4	-14	-59.9
11590	-22.0	91.0	-15	-59.9
11600	-22.1	91.6	-15	-59.6
11610	-22.4	92.2	-16	-59.6
11620	-22.4	92.8	-16	-59.9
11630	-22.8	93.4	-17	-59.9
11640	-23.1	94.0	-18	-59.6
11650	-23.2	94.6	-18	-59.6
11660	-22.6	95.2	-19	-59.9
11670	-22.9	95.8	-19	-59.9
11680	-23.3	96.4	-20	-59.9
11690	-23.6	97.0	-21	-59.6
11700	-23.3	97.6	-21	-59.9
11710	-23.3	98.2	-22	-60.1
11720	-23.6	98.8	-22	-59.9
11730	-24.0	99.4	-23	-59.6
11740	-24.0	100.0	-24	-59.9
11750	-23.9	100.6	-24	-59.9
11760	-24.0	101.2	-25	-59.9
11770	-24.4	101.8	-25	-59.9
11780	-24.4	102.4	-26	-59.9
11790	-23.9	103.0	-27	-59.9
11800	-24.5	103.6	-27	-60.1
11810	-25.0	104.2	-28	-60.1
11820	-25.0	104.8	-28	-59.9

11830	-24.4	105.4	-29	-59.9
11840	-24.5	106.0	-30	-59.9
11850	-25.0	106.6	-30	-60.1
11860	-25.1	107.2	-31	-60.1
11870	-24.7	107.8	-31	-60.1
11880	-25.0	108.4	-32	-60.1
11890	-25.1	109.0	-33	-60.1
11900	-25.4	109.6	-33	-60.1
11910	-25.5	110.2	-34	-59.9
11920	-25.1	110.8	-34	-59.9
11930	-24.8	111.4	-35	-59.9
11940	-25.1	112.0	-36	-59.9
11950	-25.6	112.6	-36	-59.9
11960	-25.4	113.2	-37	-59.9
11970	-25.4	113.8	-37	-60.1
11980	-25.4	114.4	-38	-59.9
11990	-25.8	115.0	-39	-60.1
12000	-25.6	115.6	-39	-59.9
12010	-25.6	116.2	-40	-59.9
12020	-25.5	116.8	-40	-60.1
12030	-25.8	117.4	-41	-59.9
12040	-27.8	118.0	-42	-62.5
12050	-34.7	118.5	-42	-45.5
12060	-34.3	118.8	-42	-33.0
12070	-27.9	119.2	-43	-26.0
12080	-28.7	119.4	-43	-23.1
12090	-29.2	119.6	-43	-18.9
12100	-27.7	119.8	-43	-13.3
12110	-26.3	119.9	-43	-10.6
12120	-26.4	120.0	-44	-8.7
12130	-25.5	120.1	-44	-6.9
12140	-23.7	120.1	-44	-6.1
12150	-22.4	120.2	-44	-4.7
12160	-21.4	120.2	-44	-3.4
12170	-19.8	120.3	-44	-2.6
12180	-17.2	120.3	-44	-1.8
12190	-14.6	120.3	-44	-1.3
12200	-11.4	120.3	-44	-1.0
12210	-7.6	120.3	-44	-0.5
12220	-3.7	120.3	-44	0.0
12230	-1.2	120.3	-44	0.0
12240	-0.3	120.3	-44	0.0
12250	0.4	120.3	-44	0.0
12260	0.7	120.3	-44	0.0
12270	0.8	120.3	-44	0.0
12280	0.8	120.3	-44	0.5
12290	1.5	120.3	-44	1.0
12300	14.0	120.3	-44	2.1
12310	6.2	120.2	-44	7.4
12320	0.5	120.1	-44	13.0
12330	9.1	120.0	-44	14.3
12340	9.4	119.8	-43	18.1
12350	5.4	119.6	-43	24.2
12360	8.4	119.4	-43	27.9

12370	9.8	119.1	-43	32.7
12380	5.6	118.7	-42	38.3
12390	8.0	118.4	-42	42.3
12400	9.5	118.0	-42	47.1
12410	6.9	117.5	-41	52.7
12420	8.3	117.0	-41	51.9
12430	10.0	116.4	-40	56.4
12440	9.1	115.8	-39	60.9
12450	12.5	115.2	-39	60.9
12460	14.1	114.6	-38	60.9
12470	11.9	114.0	-38	60.9
12480	12.1	113.4	-37	60.9
12490	12.2	112.8	-36	60.9
12500	12.1	112.2	-36	60.9
12510	12.2	111.6	-35	60.9
12520	11.8	110.9	-34	60.9
12530	11.3	110.3	-34	60.9
12540	11.7	109.7	-33	60.9
12550	11.9	109.1	-33	60.9
12560	11.9	108.5	-32	60.9
12570	12.3	107.9	-31	60.9
12580	12.2	107.3	-31	60.9
12590	11.9	106.7	-30	60.9
12600	12.1	106.1	-30	60.9
12610	12.1	105.5	-29	60.9
12620	11.8	104.9	-28	60.9
12630	11.5	104.2	-28	60.9
12640	11.8	103.6	-27	61.2
12650	11.9	103.0	-27	60.9
12660	11.9	102.4	-26	60.9
12670	11.9	101.8	-25	60.9
12680	12.2	101.2	-25	61.2
12690	11.9	100.6	-24	60.9
12700	11.5	100.0	-24	60.9
12710	11.7	99.4	-23	60.9
12720	11.8	98.8	-22	60.9
12730	11.3	98.1	-22	60.9
12740	11.1	97.5	-21	60.9
12750	11.1	96.9	-20	60.9
12760	11.3	96.3	-20	60.9
12770	11.5	95.7	-19	60.9
12780	11.9	95.1	-19	60.9
12790	11.7	94.5	-18	60.9
12800	11.8	93.9	-17	60.9
12810	12.1	93.3	-17	60.9
12820	12.1	92.7	-16	60.9
12830	12.2	92.0	-16	60.9
12840	12.1	91.4	-15	60.9
12850	11.9	90.8	-14	60.9
12860	12.1	90.2	-14	60.9
12870	12.3	89.6	-13	60.6
12880	12.3	89.0	-13	60.9
12890	12.2	88.4	-12	61.2
12900	12.2	87.8	-11	60.9

12910	12.3	87.2	-11	60.9
12920	12.3	86.6	-10	60.9
12930	12.5	86.0	-10	60.9
12940	12.6	85.3	-9	60.9
12950	12.9	84.7	-8	60.9
12960	12.6	84.1	-8	60.9
12970	12.7	83.5	-7	61.2
12980	12.9	82.9	-6	61.2
12990	12.7	82.3	-6	61.2
13000	12.6	81.7	-5	60.9
13010	13.2	81.1	-5	61.2
13020	12.6	80.5	-4	60.9
13030	12.6	79.8	-3	61.2
13040	12.6	79.2	-3	60.9
13050	12.3	78.6	-2	60.9
13060	12.1	78.0	-2	60.9
13070	12.5	77.4	-1	60.9
13080	12.5	76.8	0	60.9
13090	12.3	76.2	0	60.9
13100	12.3	75.6	1	60.9
13110	12.3	75.0	1	60.9
13120	12.1	74.4	2	60.9
13130	12.6	73.7	3	60.9
13140	11.8	73.1	3	60.9
13150	11.9	72.5	4	60.9
13160	12.2	71.9	5	60.9
13170	12.2	71.3	5	60.9
13180	11.7	70.7	6	60.9
13190	11.8	70.1	6	60.9
13200	11.7	69.5	7	60.9
13210	11.4	68.9	8	60.9
13220	11.4	68.3	8	60.9
13230	11.5	67.6	9	60.9
13240	11.4	67.0	9	60.9
13250	11.1	66.4	10	60.9
13260	10.7	65.8	11	60.9
13270	14.6	65.2	11	61.4
13280	19.0	64.8	12	50.5
13290	16.3	64.4	12	37.2
13300	13.7	64.1	12	32.2
13310	14.4	63.8	13	23.6
13320	13.6	63.6	13	17.0
13330	12.1	63.5	13	14.6
13340	11.4	63.3	13	10.3
13350	9.2	63.2	13	10.3
13360	8.3	63.2	13	7.1
13370	7.2	63.1	13	5.3
13380	5.6	63.0	13	5.3
13390	4.3	63.0	13	3.4
13400	3.5	63.0	13	2.3
13410	2.3	63.0	13	2.6
13420	0.8	62.9	14	2.1
13430	0.0	62.9	14	2.6
13440	-0.5	62.9	14	0.5

13450	-0.9	62.9	14	0.5
13460	-1.4	62.9	14	1.3
13470	-14.9	62.9	14	-0.5
13480	-10.7	62.9	14	-3.1
13490	-3.8	62.9	14	-5.0
13500	-6.8	63.0	13	-8.7
13510	-12.9	63.1	13	-12.7
13520	-8.4	63.3	13	-20.2
13530	-7.9	63.5	13	-25.8
13540	-13.6	63.8	13	-30.6
13550	-12.3	64.1	12	-38.6
13560	-9.1	64.5	12	-45.7
13570	-12.6	65.0	11	-51.6
13580	-15.1	65.5	11	-58.8
13590	-15.1	66.1	10	-62.8
13600	-18.7	66.6	10	-58.0
13610	-20.1	67.2	9	-58.3
13620	-19.0	67.8	9	-58.5
13630	-19.4	68.4	8	-59.1
13640	-20.3	69.0	7	-59.3
13650	-21.2	69.6	7	-59.3
13660	-21.3	70.2	6	-59.3
13670	-21.8	70.8	6	-59.6
13680	-21.6	71.4	5	-59.6
13690	-21.7	72.0	4	-59.3
13700	-22.4	72.6	4	-59.6
13710	-22.4	73.2	3	-59.3
13720	-22.1	73.8	3	-59.3
13730	-22.5	74.4	2	-59.6
13740	-22.6	75.0	1	-59.6
13750	-22.2	75.5	1	-59.3
13760	-22.1	76.1	0	-59.1
13770	-22.1	76.7	0	-59.3
13780	-22.1	77.3	-1	-59.6
13790	-22.0	77.9	-1	-59.3
13800	-22.1	78.5	-2	-59.3
13810	-22.0	79.1	-3	-59.3
13820	-22.1	79.7	-3	-59.6
13830	-22.1	80.3	-4	-59.6
13840	-22.0	80.9	-4	-59.3
13850	-21.8	81.5	-5	-59.6
13860	-21.8	82.1	-6	-59.6
13870	-21.7	82.7	-6	-59.6
13880	-21.4	83.3	-7	-59.6
13890	-21.3	83.9	-7	-59.3
13900	-21.2	84.5	-8	-59.6
13910	-21.3	85.1	-9	-59.6
13920	-21.4	85.7	-9	-59.3
13930	-21.8	86.2	-10	-59.3
13940	-21.7	86.8	-10	-59.3
13950	-21.6	87.4	-11	-59.3
13960	-22.1	88.0	-12	-59.6
13970	-22.6	88.6	-12	-59.6
13980	-22.4	89.2	-13	-59.6

13990	-21.8	89.8	-13	-59.6
14000	-22.2	90.4	-14	-59.6
14010	-22.4	91.0	-15	-59.3
14020	-22.4	91.6	-15	-59.3
14030	-22.5	92.2	-16	-59.3
14040	-22.2	92.8	-16	-59.6
14050	-22.6	93.4	-17	-59.6
14060	-22.8	94.0	-18	-59.6
14070	-22.9	94.6	-18	-59.3
14080	-22.4	95.2	-19	-59.6
14090	-22.5	95.8	-19	-59.6
14100	-22.5	96.4	-20	-59.6
14110	-22.2	97.0	-21	-59.1
14120	-22.1	97.6	-21	-59.6
14130	-22.0	98.2	-22	-59.6
14140	-22.0	98.7	-22	-59.6
14150	-22.2	99.3	-23	-59.3
14160	-22.2	99.9	-23	-59.3
14170	-22.1	100.5	-24	-59.6
14180	-22.1	101.1	-25	-59.6
14190	-22.2	101.7	-25	-59.6
14200	-22.4	102.3	-26	-59.3
14210	-21.8	102.9	-26	-59.3
14220	-21.8	103.5	-27	-59.3
14230	-21.7	104.1	-28	-59.6
14240	-22.1	104.7	-28	-59.6
14250	-21.3	105.3	-29	-59.3
14260	-21.0	105.9	-29	-59.3
14270	-21.8	106.5	-30	-59.6
14280	-21.4	107.1	-31	-59.6
14290	-21.2	107.7	-31	-59.6
14300	-20.9	108.3	-32	-59.6
14310	-20.9	108.9	-32	-59.6
14320	-20.3	109.5	-33	-59.6
14330	-20.3	110.1	-34	-59.1
14340	-19.9	110.6	-34	-59.3
14350	-19.4	111.2	-35	-59.6
14360	-19.7	111.8	-35	-59.3
14370	-20.1	112.4	-36	-59.3
14380	-19.7	113.0	-37	-59.1
14390	-19.0	113.6	-37	-59.3
14400	-18.8	114.2	-38	-59.3
14410	-18.6	114.8	-38	-59.1
14420	-18.2	115.4	-39	-59.3
14430	-17.1	116.0	-40	-59.1
14440	-16.5	116.6	-40	-59.3
14450	-15.9	117.2	-41	-59.3
14460	-15.7	117.8	-41	-58.5
14470	-23.1	118.3	-42	-52.9
14480	-23.3	118.7	-42	-42.8
14490	-18.0	119.0	-43	-34.6
14500	-17.0	119.3	-43	-27.4
14510	-18.8	119.5	-43	-22.0
14520	-17.5	119.7	-43	-18.1

14530	-15.1	119.8	-43	-14.1
14540	-14.1	119.9	-43	-11.4
14550	-13.7	120.0	-44	-9.0
14560	-11.4	120.1	-44	-7.1
14570	-9.6	120.1	-44	-5.5
14580	-8.1	120.2	-44	-4.2
14590	-5.4	120.2	-44	-3.4
14600	-3.1	120.2	-44	-2.6
14610	-1.8	120.2	-44	-2.1
14620	0.1	120.3	-44	-1.5
14630	0.7	120.3	-44	-1.0
14640	0.7	120.3	-44	-0.5
14650	0.7	120.3	-44	0.0
14660	1.2	120.3	-44	0.0
14670	11.3	120.3	-44	1.0
14680	6.9	120.2	-44	6.3
14690	1.2	120.1	-44	10.6
14700	5.2	120.0	-44	11.7
14710	8.5	119.9	-43	13.0
14720	4.3	119.7	-43	15.7
14730	5.8	119.5	-43	18.3
14740	9.2	119.3	-43	21.2
14750	5.8	119.1	-43	25.0
14760	6.1	118.7	-42	28.4
14770	8.8	118.4	-42	31.6
14780	6.6	118.0	-42	35.6
14790	6.6	117.6	-41	39.1
14800	8.8	117.1	-41	47.3
14810	7.6	116.6	-40	52.1
14820	7.3	116.0	-40	56.7
14830	9.1	115.4	-39	60.6
14840	11.7	114.8	-38	60.9
14850	12.3	114.2	-38	60.9
14860	11.4	113.6	-37	60.9
14870	11.5	113.0	-37	60.9
14880	11.3	112.4	-36	60.9
14890	11.8	111.8	-35	60.9
14900	12.2	111.2	-35	60.9
14910	11.7	110.6	-34	60.9
14920	10.8	110.0	-34	60.6
14930	11.1	109.4	-33	60.9
14940	11.4	108.7	-32	60.9
14950	11.4	108.1	-32	60.9
14960	11.5	107.5	-31	60.6
14970	11.5	106.9	-30	61.2
14980	11.3	106.3	-30	60.9
14990	11.3	105.7	-29	60.9
15000	10.7	105.1	-29	60.6
15010	10.7	104.5	-28	60.9
15020	10.7	103.9	-27	60.9
15030	11.0	103.3	-27	60.9
15040	10.7	102.7	-26	60.6
15050	10.3	102.0	-26	60.9
15060	10.6	101.4	-25	60.9

15070	10.8	100.8	-24	60.9
15080	10.6	100.2	-24	60.9
15090	10.6	99.6	-23	60.9
15100	10.7	99.0	-23	60.6
15110	10.6	98.4	-22	60.9
15120	10.3	97.8	-21	60.6
15130	10.2	97.2	-21	60.6
15140	9.9	96.6	-20	60.9
15150	9.9	96.0	-20	60.9
15160	10.6	95.3	-19	60.6
15170	10.4	94.7	-18	60.6
15180	10.2	94.1	-18	60.9
15190	10.7	93.5	-17	60.6
15200	11.5	92.9	-16	60.9
15210	11.3	92.3	-16	60.9
15220	11.1	91.7	-15	60.9
15230	10.7	91.1	-15	60.9
15240	11.1	90.5	-14	60.9
15250	11.5	89.9	-13	60.9
15260	11.4	89.3	-13	60.9
15270	11.3	88.6	-12	60.9
15280	11.5	88.0	-12	60.9
15290	11.7	87.4	-11	60.9
15300	11.8	86.8	-10	60.6
15310	11.9	86.2	-10	60.9
15320	11.8	85.6	-9	60.9
15330	11.8	85.0	-9	61.2
15340	11.9	84.4	-8	60.9
15350	11.8	83.8	-7	60.6
15360	12.2	83.2	-7	60.9
15370	11.9	82.5	-6	60.9
15380	11.8	81.9	-5	60.9
15390	12.2	81.3	-5	60.9
15400	12.6	80.7	-4	60.9
15410	12.5	80.1	-4	61.2
15420	12.6	79.5	-3	60.9
15430	12.2	78.9	-2	60.9
15440	12.1	78.3	-2	60.9
15450	12.1	77.7	-1	61.2
15460	12.6	77.1	-1	60.9
15470	12.2	76.4	0	60.9
15480	12.2	75.8	1	60.9
15490	12.5	75.2	1	60.9
15500	12.5	74.6	2	61.2
15510	12.5	74.0	2	60.9
15520	12.1	73.4	3	60.6
15530	12.1	72.8	4	60.9
15540	12.2	72.2	4	60.9
15550	12.1	71.6	5	60.9
15560	11.9	71.0	5	60.6
15570	11.7	70.3	6	60.9
15580	11.4	69.7	7	60.9
15590	11.4	69.1	7	60.9
15600	11.5	68.5	8	60.9

15610	11.4	67.9	9	60.9
15620	10.8	67.3	9	60.9
15630	11.0	66.7	10	60.9
15640	10.6	66.1	10	60.9
15650	11.1	65.5	11	54.0
15660	17.8	65.0	11	44.9
15670	17.6	64.5	12	36.4
15680	14.0	64.2	12	32.4
15690	13.8	63.9	13	23.1
15700	13.6	63.7	13	22.3
15710	12.6	63.5	13	16.2
15720	11.7	63.4	13	11.4
15730	9.4	63.3	13	10.3
15740	7.2	63.2	13	7.1
15750	7.2	63.1	13	6.9
15760	6.6	63.1	13	5.0
15770	5.7	63.0	13	3.7
15780	5.2	63.0	13	3.4
15790	4.9	63.0	13	2.9
15800	4.2	63.0	13	2.6
15810	3.1	62.9	14	2.6
15820	2.4	62.9	14	2.6
15830	2.4	62.9	14	0.7
15840	1.1	62.9	14	0.0
15850	-0.7	62.9	14	0.0
15860	-0.8	62.9	14	1.0
15870	-1.1	62.9	14	1.5
15880	-1.4	62.9	14	0.0
15890	-13.0	62.9	14	-0.5
15900	-11.9	62.9	14	-2.9
15910	-3.8	62.9	14	-5.8
15920	-6.1	63.0	13	-8.2
15930	-11.9	63.1	13	-12.5
15940	-8.5	63.3	13	-18.9
15950	-7.6	63.5	13	-24.4
15960	-11.5	63.7	13	-29.2
15970	-10.8	64.0	12	-35.9
15980	-8.8	64.4	12	-42.3
15990	-10.8	64.8	12	-47.9
16000	-12.6	65.3	11	-54.0
16010	-11.0	65.9	11	-61.2
16020	-15.5	66.4	10	-57.2
16030	-19.3	67.0	9	-58.0
16040	-17.5	67.6	9	-58.5
16050	-16.5	68.2	8	-58.8
16060	-18.7	68.8	8	-59.3
16070	-19.1	69.4	7	-59.3
16080	-18.7	70.0	6	-59.3
16090	-18.7	70.6	6	-59.3
16100	-18.8	71.1	5	-59.3
16110	-18.4	71.7	5	-59.6
16120	-18.4	72.3	4	-59.6
16130	-18.7	72.9	4	-59.3
16140	-18.6	73.5	3	-59.1

16150	-19.0	74.1	2	-59.6
16160	-19.1	74.7	2	-59.3
16170	-19.3	75.3	1	-59.3
16180	-19.1	75.9	1	-59.3
16190	-19.0	76.5	0	-59.3
16200	-18.8	77.1	-1	-59.6
16210	-19.1	77.7	-1	-59.3
16220	-19.0	78.3	-2	-59.6
16230	-19.0	78.9	-2	-59.3
16240	-19.3	79.5	-3	-59.3
16250	-19.7	80.1	-4	-59.6
16260	-19.8	80.7	-4	-59.3
16270	-19.5	81.3	-5	-59.3
16280	-19.5	81.8	-5	-59.6
16290	-19.4	82.4	-6	-59.6
16300	-20.1	83.0	-7	-59.6
16310	-19.8	83.6	-7	-59.3
16320	-19.5	84.2	-8	-59.3
16330	-19.7	84.8	-8	-59.3
16340	-20.1	85.4	-9	-59.6
16350	-20.3	86.0	-10	-59.3
16360	-20.5	86.6	-10	-59.3
16370	-20.3	87.2	-11	-59.6
16380	-20.3	87.8	-11	-59.6
16390	-21.0	88.4	-12	-59.3
16400	-20.9	89.0	-13	-59.3
16410	-20.6	89.6	-13	-59.6
16420	-20.7	90.2	-14	-59.6
16430	-21.2	90.8	-14	-59.6
16440	-21.3	91.4	-15	-59.3
16450	-21.3	92.0	-16	-59.3
16460	-21.7	92.6	-16	-59.9
16470	-21.4	93.2	-17	-59.6
16480	-22.1	93.8	-17	-59.6
16490	-22.4	94.4	-18	-59.6
16500	-22.2	95.0	-19	-59.6
16510	-22.2	95.5	-19	-59.6
16520	-22.5	96.1	-20	-59.9
16530	-22.6	96.7	-20	-59.6
16540	-22.5	97.3	-21	-59.6
16550	-21.8	97.9	-21	-59.6
16560	-22.1	98.5	-22	-59.6
16570	-22.5	99.1	-23	-59.6
16580	-22.4	99.7	-23	-59.6
16590	-22.4	100.3	-24	-59.6
16600	-22.4	100.9	-24	-59.6
16610	-22.6	101.5	-25	-59.6
16620	-22.8	102.1	-26	-59.6
16630	-22.9	102.7	-26	-59.6
16640	-22.5	103.3	-27	-59.9
16650	-22.8	103.9	-27	-59.6
16660	-23.2	104.5	-28	-59.6
16670	-22.9	105.1	-29	-59.6
16680	-22.1	105.7	-29	-59.9

16690	-22.4	106.3	-30	-59.6
16700	-22.5	106.9	-30	-59.9
16710	-22.4	107.5	-31	-59.6
16720	-22.2	108.1	-32	-59.9
16730	-22.0	108.7	-32	-59.9
16740	-22.0	109.3	-33	-59.9
16750	-22.1	109.9	-33	-59.6
16760	-22.2	110.5	-34	-59.6
16770	-21.4	111.1	-35	-59.6
16780	-21.2	111.7	-35	-59.6
16790	-21.0	112.3	-36	-59.3
16800	-20.3	112.9	-36	-59.3
16810	-19.7	113.4	-37	-59.6
16820	-19.1	114.0	-38	-59.6
16830	-19.3	114.6	-38	-59.3
16840	-19.0	115.2	-39	-59.1
16850	-18.4	115.8	-39	-59.3
16860	-17.6	116.4	-40	-59.3
16870	-17.2	117.0	-41	-59.6
16880	-17.0	117.6	-41	-59.3
16890	-22.1	118.2	-42	-56.4
16900	-24.5	118.6	-42	-45.2
16910	-20.3	118.9	-42	-36.4
16920	-15.3	119.2	-43	-28.7
16930	-17.1	119.4	-43	-23.1
16940	-17.2	119.6	-43	-18.9
16950	-14.1	119.8	-43	-14.9
16960	-12.3	119.9	-43	-11.9
16970	-12.7	120.0	-44	-9.5
16980	-11.9	120.0	-44	-7.4
16990	-10.2	120.1	-44	-5.8
17000	-9.5	120.1	-44	-4.5
17010	-8.9	120.2	-44	-3.7
17020	-7.3	120.2	-44	-2.9
17030	-5.6	120.2	-44	-2.1
17040	-3.5	120.2	-44	-1.8
17050	-2.0	120.2	-44	-1.0
17060	-0.7	120.3	-44	-0.7
17070	0.3	120.3	-44	-0.5
17080	0.7	120.3	-44	-0.2
17090	0.8	120.3	-44	0.0
17100	0.8	120.3	-44	-0.2
17110	2.8	120.3	-44	0.7
17120	12.5	120.2	-44	2.9
17130	4.1	120.2	-44	9.3
17140	0.4	120.1	-44	12.2
17150	9.8	119.9	-43	13.3
17160	7.7	119.8	-43	17.8
17170	4.3	119.6	-43	22.6
17180	7.9	119.4	-43	25.5
17190	8.3	119.1	-43	29.8
17200	5.8	118.8	-42	35.1
17210	7.7	118.5	-42	39.1
17220	8.1	118.1	-42	43.3

17230	6.6	117.6	-41	48.1
17240	8.4	117.2	-41	47.6
17250	8.7	116.7	-40	52.1
17260	7.3	116.1	-40	56.9
17270	8.8	115.5	-39	60.6
17280	11.8	114.9	-38	60.9
17290	11.5	114.3	-38	60.9
17300	10.0	113.7	-37	60.6
17310	11.3	113.1	-37	60.9
17320	11.0	112.5	-36	60.9
17330	11.3	111.8	-35	60.9
17340	11.8	111.2	-35	60.9
17350	11.5	110.6	-34	60.9
17360	11.3	110.0	-34	60.9
17370	11.8	109.4	-33	60.9
17380	11.9	108.8	-32	60.6
17390	11.8	108.2	-32	60.6
17400	11.9	107.6	-31	60.9
17410	12.1	107.0	-31	60.9
17420	11.9	106.4	-30	60.9
17430	12.2	105.8	-29	60.9
17440	11.7	105.1	-29	60.9
17450	11.7	104.5	-28	60.9
17460	11.8	103.9	-27	60.9
17470	11.9	103.3	-27	60.9
17480	11.7	102.7	-26	60.9
17490	11.3	102.1	-26	60.9
17500	11.5	101.5	-25	60.9
17510	11.4	100.9	-24	60.9
17520	11.3	100.3	-24	60.6
17530	11.1	99.7	-23	60.9
17540	11.0	99.1	-23	60.9
17550	11.1	98.4	-22	60.6
17560	11.1	97.8	-21	60.9
17570	10.6	97.2	-21	60.9
17580	9.9	96.6	-20	60.9
17590	9.4	96.0	-20	60.9
17600	9.6	95.4	-19	60.9
17610	8.9	94.8	-18	60.6
17620	8.8	94.2	-18	60.6
17630	8.7	93.6	-17	60.6
17640	8.9	93.0	-17	60.9
17650	8.5	92.4	-16	60.6
17660	9.1	91.8	-15	60.6
17670	9.1	91.1	-15	60.6
17680	9.6	90.5	-14	60.9
17690	9.5	89.9	-13	60.6
17700	9.6	89.3	-13	60.6
17710	9.6	88.7	-12	60.6
17720	10.2	88.1	-12	60.9
17730	10.2	87.5	-11	60.9
17740	10.3	86.9	-10	60.9
17750	10.4	86.3	-10	60.6
17760	10.7	85.7	-9	60.9

17770	10.8	85.1	-9	60.9
17780	11.1	84.5	-8	60.9
17790	11.1	83.9	-7	60.6
17800	11.4	83.2	-7	60.9
17810	11.5	82.6	-6	60.9
17820	11.3	82.0	-6	60.9
17830	11.4	81.4	-5	60.9
17840	11.5	80.8	-4	60.9
17850	11.5	80.2	-4	60.6
17860	11.9	79.6	-3	60.9
17870	12.1	79.0	-3	60.9
17880	11.4	78.4	-2	60.9
17890	11.3	77.8	-1	60.9
17900	11.8	77.1	-1	60.9
17910	11.7	76.5	0	60.9
17920	11.4	75.9	1	60.6
17930	11.4	75.3	1	60.9
17940	11.3	74.7	2	60.9
17950	11.5	74.1	2	60.9
17960	11.5	73.5	3	60.9
17970	11.5	72.9	4	60.9
17980	11.3	72.3	4	60.9
17990	11.3	71.7	5	60.9
18000	10.7	71.1	5	60.9
18010	10.7	70.4	6	60.6
18020	10.3	69.8	7	60.6
18030	10.2	69.2	7	60.9
18040	10.3	68.6	8	60.6
18050	10.0	68.0	8	60.6
18060	9.6	67.4	9	60.9
18070	9.8	66.8	10	60.6
18080	9.8	66.2	10	60.6
18090	9.4	65.6	11	60.4
18100	15.9	65.0	11	56.7
18110	16.7	64.6	12	42.3
18120	12.5	64.3	12	30.3
18130	12.5	64.0	12	29.2
18140	12.2	63.8	13	21.2
18150	10.4	63.6	13	15.1
18160	10.0	63.4	13	14.6
18170	8.8	63.3	13	10.6
18180	7.1	63.2	13	7.7
18190	7.1	63.2	13	6.6
18200	6.9	63.1	13	4.7
18210	5.6	63.1	13	4.7
18220	5.0	63.0	13	3.1
18230	4.6	63.0	13	2.3
18240	3.5	63.0	13	1.8
18250	1.9	62.9	14	2.3
18260	0.9	62.9	14	2.1
18270	0.0	62.9	14	1.8
18280	-0.7	62.9	14	0.2
18290	-1.1	62.9	14	0.7
18300	-1.2	62.9	14	1.5

18310	-11.4	62.9	14	-0.2
18320	-11.5	62.9	14	-2.9
18330	-4.1	62.9	14	-4.5
18340	-3.4	63.0	13	-7.1
18350	-11.0	63.1	13	-8.7
18360	-8.8	63.2	13	-13.8
18370	-5.8	63.4	13	-17.8
18380	-10.2	63.6	13	-21.2
18390	-11.1	63.9	13	-26.0
18400	-8.4	64.2	12	-31.1
18410	-9.9	64.6	12	-35.4
18420	-12.6	65.1	11	-40.4
18430	-11.1	65.6	11	-46.5
18440	-11.9	66.1	10	-56.7
18450	-17.9	66.7	10	-57.2
18460	-18.3	67.3	9	-58.5
18470	-16.4	67.9	9	-58.5
18480	-17.0	68.5	8	-59.1
18490	-18.6	69.1	7	-59.6
18500	-19.0	69.7	7	-59.3
18510	-19.0	70.3	6	-59.3
18520	-19.1	70.8	6	-59.6
18530	-19.0	71.4	5	-59.6
18540	-19.3	72.0	4	-59.6
18550	-19.5	72.6	4	-59.3
18560	-19.5	73.2	3	-59.3
18570	-19.3	73.8	3	-59.3
18580	-19.8	74.4	2	-59.6
18590	-20.1	75.0	1	-59.3
18600	-20.1	75.6	1	-59.3
18610	-20.1	76.2	0	-59.3
18620	-19.9	76.8	0	-59.3
18630	-20.2	77.4	-1	-59.3
18640	-20.5	78.0	-2	-59.3
18650	-20.6	78.6	-2	-59.6
18660	-20.3	79.2	-3	-59.3
18670	-20.3	79.8	-3	-59.6
18680	-20.6	80.4	-4	-59.6
18690	-20.6	81.0	-5	-59.3
18700	-20.3	81.6	-5	-59.6
18710	-20.5	82.1	-6	-59.6
18720	-20.7	82.7	-6	-59.6
18730	-20.7	83.3	-7	-59.6
18740	-20.5	83.9	-7	-59.3
18750	-20.5	84.5	-8	-59.6
18760	-20.9	85.1	-9	-59.6
18770	-21.3	85.7	-9	-59.6
18780	-21.6	86.3	-10	-59.6
18790	-21.4	86.9	-10	-59.6
18800	-21.3	87.5	-11	-59.9
18810	-21.6	88.1	-12	-59.6
18820	-22.1	88.7	-12	-59.3
18830	-21.8	89.3	-13	-59.6
18840	-21.7	89.9	-13	-59.6

18850	-22.4	90.5	-14	-59.6
18860	-22.6	91.1	-15	-59.6
18870	-22.9	91.7	-15	-59.6
18880	-22.8	92.3	-16	-59.6
18890	-22.9	92.9	-16	-59.9
18900	-23.3	93.5	-17	-59.6
18910	-23.6	94.1	-18	-59.6
18920	-23.6	94.7	-18	-59.6
18930	-23.3	95.3	-19	-59.9
18940	-23.6	95.9	-19	-59.9
18950	-23.7	96.5	-20	-59.6
18960	-23.9	97.1	-21	-59.3
18970	-23.5	97.6	-21	-59.6
18980	-23.6	98.2	-22	-59.9
18990	-23.9	98.8	-22	-59.9
19000	-23.7	99.4	-23	-59.6
19010	-23.3	100.0	-24	-59.6
19020	-23.6	100.6	-24	-59.6
19030	-23.7	101.2	-25	-59.9
19040	-23.9	101.8	-25	-59.9
19050	-23.7	102.4	-26	-59.6
19060	-23.5	103.0	-27	-59.6
19070	-23.7	103.6	-27	-59.6
19080	-23.9	104.2	-28	-59.6
19090	-23.9	104.8	-28	-59.6
19100	-23.3	105.4	-29	-59.6
19110	-23.2	106.0	-30	-59.6
19120	-23.7	106.6	-30	-59.9
19130	-23.5	107.2	-31	-59.6
19140	-23.1	107.8	-31	-59.6
19150	-23.1	108.4	-32	-59.6
19160	-22.9	109.0	-33	-59.9
19170	-23.1	109.6	-33	-59.6
19180	-23.2	110.2	-34	-59.6
19190	-22.5	110.8	-34	-59.6
19200	-22.4	111.4	-35	-59.6
19210	-22.5	112.0	-36	-59.6
19220	-22.8	112.6	-36	-59.6
19230	-22.4	113.2	-37	-59.6
19240	-22.2	113.8	-37	-59.6
19250	-21.7	114.4	-38	-59.6
19260	-21.6	115.0	-39	-59.6
19270	-21.3	115.6	-39	-59.6
19280	-20.5	116.2	-40	-59.3
19290	-19.5	116.8	-40	-59.6
19300	-19.1	117.3	-41	-59.6
19310	-20.1	117.9	-41	-51.3
19320	-26.8	118.4	-42	-40.9
19330	-26.2	118.8	-42	-33.2
19340	-19.8	119.1	-43	-26.3
19350	-19.0	119.3	-43	-21.0
19360	-19.7	119.5	-43	-17.0
19370	-17.6	119.7	-43	-13.5
19380	-14.4	119.8	-43	-10.6

19390	-12.2	119.9	-43	-8.5
19400	-10.2	120.0	-44	-6.6
19410	-7.1	120.1	-44	-5.0
19420	-3.5	120.1	-44	-3.7
19430	-2.2	120.1	-44	-2.9
19440	-2.2	120.2	-44	-2.3
19450	-1.9	120.2	-44	-2.3
19460	-0.5	120.2	-44	-1.5
19470	-0.1	120.2	-44	-1.3
19480	0.4	120.2	-44	-1.0
19490	0.7	120.2	-44	-0.7
19500	0.8	120.3	-44	-0.2
19510	0.8	120.3	-44	0.0
19520	6.4	120.3	-44	0.2
19530	10.3	120.2	-44	3.7
19540	2.4	120.1	-44	7.7
19550	0.9	120.0	-44	9.0
19560	8.8	119.9	-43	9.8
19570	5.3	119.8	-43	16.5
19580	3.4	119.6	-43	19.9
19590	6.2	119.4	-43	22.3
19600	5.7	119.2	-43	25.5
19610	4.7	118.9	-42	29.0
19620	6.1	118.7	-42	32.2
19630	5.8	118.3	-42	35.9
19640	5.4	118.0	-42	39.6
19650	7.3	117.6	-41	39.9
19660	7.2	117.2	-41	43.1
19670	6.1	116.7	-40	47.1
19680	6.9	116.2	-40	50.8
19690	7.3	115.7	-39	54.5
19700	6.5	115.1	-39	58.8
19710	8.0	114.5	-38	60.6
19720	10.7	113.9	-37	60.6
19730	10.3	113.3	-37	60.6
19740	9.5	112.7	-36	60.6
19750	10.7	112.1	-36	60.9
19760	11.1	111.5	-35	60.6
19770	10.8	110.9	-34	60.6
19780	10.8	110.2	-34	60.9
19790	10.4	109.6	-33	60.9
19800	10.6	109.0	-33	60.6
19810	10.4	108.4	-32	60.6
19820	10.4	107.8	-31	60.9
19830	10.6	107.2	-31	60.9
19840	10.8	106.6	-30	60.9
19850	11.1	106.0	-30	60.9
19860	11.1	105.4	-29	60.9
19870	11.3	104.8	-28	60.9
19880	11.1	104.2	-28	60.9
19890	11.1	103.5	-27	60.9
19900	11.1	102.9	-26	60.6
19910	11.0	102.3	-26	60.9
19920	10.6	101.7	-25	60.9

19930	10.8	101.1	-25	60.9
19940	10.8	100.5	-24	60.6
19950	11.0	99.9	-23	60.6
19960	11.3	99.3	-23	60.9
19970	10.8	98.7	-22	60.9
19980	10.6	98.1	-22	60.6
19990	10.8	97.5	-21	60.6
20000	10.7	96.8	-20	60.9
20010	10.4	96.2	-20	60.6
20020	10.0	95.6	-19	60.9
20030	10.6	95.0	-19	60.6
20040	10.3	94.4	-18	60.6
20050	10.6	93.8	-17	60.9
20060	10.7	93.2	-17	60.6
20070	10.7	92.6	-16	60.9
20080	10.6	92.0	-16	60.6
20090	10.7	91.4	-15	60.9
20100	10.4	90.8	-14	60.9
20110	10.6	90.2	-14	60.6
20120	10.6	89.6	-13	60.6
20130	10.3	88.9	-12	60.9
20140	10.3	88.3	-12	60.9
20150	10.6	87.7	-11	60.6
20160	10.6	87.1	-11	60.6
20170	10.7	86.5	-10	60.6
20180	10.6	85.9	-9	60.9
20190	10.6	85.3	-9	60.6
20200	10.7	84.7	-8	60.9
20210	10.4	84.1	-8	60.6
20220	10.6	83.5	-7	60.6
20230	10.8	82.9	-6	60.9
20240	10.6	82.2	-6	60.6
20250	10.2	81.6	-5	60.6
20260	10.7	81.0	-5	60.9
20270	10.7	80.4	-4	60.9
20280	10.8	79.8	-3	60.6
20290	11.0	79.2	-3	60.9
20300	10.8	78.6	-2	60.6
20310	10.4	78.0	-2	60.9
20320	11.0	77.4	-1	60.9
20330	11.1	76.8	0	60.9
20340	10.8	76.2	0	60.9
20350	10.8	75.6	1	60.9
20360	11.1	74.9	2	60.9
20370	10.7	74.3	2	60.6
20380	11.0	73.7	3	60.6
20390	10.4	73.1	3	60.9
20400	10.4	72.5	4	60.9
20410	10.0	71.9	5	60.6
20420	10.2	71.3	5	60.6
20430	9.9	70.7	6	60.9
20440	9.8	70.1	6	60.6
20450	9.6	69.5	7	60.6
20460	9.5	68.9	8	60.6

20470	8.9	68.3	8	60.6
20480	8.8	67.7	9	60.6
20490	8.7	67.0	9	60.6
20500	8.4	66.4	10	60.9
20510	8.1	65.9	11	54.8
20520	11.5	65.3	11	49.5
20530	16.0	64.8	12	41.2
20540	12.9	64.4	12	40.1
20550	10.4	64.1	12	29.2
20560	10.6	63.8	13	20.7
20570	9.8	63.6	13	20.4
20580	8.8	63.5	13	14.6
20590	6.9	63.4	13	12.7
20600	5.0	63.3	13	9.3
20610	3.8	63.2	13	6.6
20620	3.9	63.1	13	6.3
20630	2.6	63.1	13	4.5
20640	1.5	63.0	13	3.1
20650	1.4	63.0	13	2.9
20660	0.9	63.0	13	2.6
20670	0.0	63.0	13	2.3
20680	-0.3	62.9	14	2.1
20690	-0.8	62.9	14	1.8
20700	-1.2	62.9	14	1.8
20710	-10.0	62.9	14	0.2
20720	-12.2	62.9	14	-2.3
20730	-4.7	63.0	13	-5.5
20740	-3.8	63.0	13	-9.8
20750	-10.7	63.1	13	-12.2
20760	-9.8	63.3	13	-18.3
20770	-6.1	63.5	13	-23.9
20780	-9.9	63.8	13	-27.9
20790	-11.0	64.0	12	-33.8
20800	-8.8	64.4	12	-40.1
20810	-9.8	64.8	12	-45.5
20820	-12.6	65.3	11	-51.6
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20850	-18.0	66.9	10	-57.2
20860	-17.9	67.5	9	-57.7
20870	-15.1	68.1	8	-58.5
20880	-17.2	68.7	8	-58.8
20890	-19.3	69.3	7	-59.3
20900	-18.8	69.8	7	-59.3
20910	-19.0	70.4	6	-59.3
20920	-19.7	71.0	5	-59.3
20930	-19.8	71.6	5	-59.6
20940	-19.8	72.2	4	-59.3
20950	-20.2	72.8	4	-59.3
20960	-20.6	73.4	3	-59.3
20970	-20.9	74.0	2	-59.6
20980	-21.3	74.6	2	-59.6
20990	-21.6	75.2	1	-59.6
21000	-21.7	75.8	1	-59.3

21010	-22.1	76.4	0	-59.3
21020	-22.2	77.0	-1	-59.6
21030	-22.1	77.6	-1	-59.6
21040	-22.1	78.2	-2	-59.3
21050	-21.7	78.8	-2	-59.3
21060	-22.0	79.4	-3	-59.6
21070	-22.0	80.0	-4	-59.9
21080	-22.0	80.6	-4	-59.3
21090	-21.6	81.2	-5	-59.3
21100	-21.6	81.7	-5	-59.3
21110	-21.6	82.3	-6	-59.6
21120	-21.4	82.9	-6	-59.3
21130	-21.2	83.5	-7	-59.3
21140	-21.3	84.1	-8	-59.3
21150	-21.4	84.7	-8	-59.3
21160	-21.3	85.3	-9	-59.6
21170	-21.7	85.9	-9	-59.3
21180	-22.0	86.5	-10	-59.3
21190	-21.8	87.1	-11	-59.3
21200	-21.7	87.7	-11	-59.3
21210	-22.5	88.3	-12	-59.3
21220	-22.6	88.9	-12	-59.6
21230	-22.1	89.5	-13	-59.6
21240	-22.1	90.1	-14	-59.6
21250	-22.2	90.7	-14	-59.6
21260	-22.8	91.3	-15	-59.6
21270	-22.5	91.9	-15	-59.3
21280	-22.5	92.5	-16	-59.6
21290	-22.2	93.1	-17	-59.6
21300	-22.9	93.7	-17	-59.6
21310	-23.1	94.3	-18	-59.3
21320	-22.6	94.9	-18	-59.3
21330	-22.9	95.4	-19	-59.6
21340	-22.8	96.0	-20	-59.9
21350	-22.9	96.6	-20	-59.6
21360	-22.6	97.2	-21	-59.3
21370	-22.5	97.8	-21	-59.6
21380	-22.9	98.4	-22	-59.6
21390	-23.6	99.0	-23	-59.6
21400	-23.5	99.6	-23	-59.6
21410	-23.6	100.2	-24	-59.6
21420	-23.5	100.8	-24	-59.6
21430	-23.7	101.4	-25	-59.6
21440	-23.9	102.0	-26	-59.6
21450	-24.0	102.6	-26	-59.6
21460	-23.5	103.2	-27	-59.9
21470	-23.7	103.8	-27	-59.6
21480	-24.7	104.4	-28	-59.6
21490	-24.4	105.0	-29	-59.9
21500	-24.3	105.6	-29	-59.6
21510	-24.7	106.2	-30	-59.9
21520	-25.4	106.8	-30	-59.9
21530	-25.0	107.4	-31	-59.9
21540	-24.7	108.0	-32	-59.9

21550	-24.4	108.6	-32	-59.9
21560	-24.5	109.2	-33	-59.6
21570	-24.8	109.8	-33	-59.6
21580	-25.1	110.4	-34	-59.9
21590	-24.5	111.0	-35	-59.6
21600	-24.8	111.6	-35	-59.9
21610	-25.1	112.2	-36	-59.9
21620	-24.7	112.8	-36	-59.6
21630	-25.1	113.4	-37	-59.6
21640	-24.4	114.0	-38	-59.6
21650	-24.5	114.6	-38	-59.9
21660	-24.4	115.2	-39	-59.6
21670	-23.9	115.7	-39	-59.6
21680	-23.2	116.3	-40	-59.9
21690	-23.1	116.9	-40	-59.6
21700	-23.3	117.5	-41	-58.8
21710	-27.3	118.1	-42	-59.1
21720	-31.3	118.5	-42	-43.1
21730	-28.7	118.9	-42	-31.4
21740	-23.1	119.2	-43	-24.7
21750	-23.7	119.4	-43	-19.9
21760	-23.1	119.6	-43	-19.7
21770	-20.3	119.8	-43	-15.4
21780	-18.2	119.9	-43	-12.2
21790	-17.1	120.0	-44	-9.5
21800	-15.3	120.1	-44	-7.7
21810	-13.0	120.1	-44	-5.8
21820	-11.5	120.2	-44	-4.5
21830	-10.4	120.2	-44	-3.4
21840	-8.8	120.2	-44	-2.9
21850	-6.6	120.2	-44	-2.1
21860	-4.2	120.3	-44	-1.8
21870	-2.0	120.3	-44	-1.0
21880	-0.8	120.3	-44	-0.5
21890	-0.3	120.3	-44	-0.5
21900	0.0	120.3	-44	-0.5
21910	0.4	120.3	-44	-0.2
21920	0.7	120.3	-44	0.0
21930	0.8	120.3	-44	0.0
21940	0.9	120.3	-44	0.0
21950	6.4	120.3	-44	0.7
21960	8.8	120.2	-44	4.2
21970	1.8	120.2	-44	9.5
21980	1.8	120.1	-44	10.9
21990	9.9	120.0	-44	12.5
22000	5.4	119.8	-43	17.5
22010	4.1	119.6	-43	21.2
22020	7.9	119.4	-43	23.9
22030	6.4	119.2	-43	28.2
22040	4.9	118.9	-42	32.2
22050	7.6	118.6	-42	35.4
22060	7.6	118.2	-42	39.9
22070	6.2	117.8	-41	44.4
22080	8.7	117.4	-41	44.4

22090	8.8	116.9	-40	48.9
22100	7.6	116.4	-40	53.7
22110	8.3	115.8	-39	58.3
22120	9.9	115.2	-39	60.9
22130	11.4	114.6	-38	60.9
22140	11.7	114.0	-38	60.9
22150	10.7	113.4	-37	60.9
22160	10.7	112.8	-36	60.9
22170	11.4	112.2	-36	60.9
22180	12.1	111.5	-35	60.9
22190	12.3	110.9	-34	60.9
22200	11.5	110.3	-34	60.6
22210	11.4	109.7	-33	60.9
22220	11.5	109.1	-33	60.9
22230	11.4	108.5	-32	60.9
22240	11.4	107.9	-31	60.9
22250	11.4	107.3	-31	60.9
22260	11.3	106.7	-30	60.9
22270	11.4	106.1	-30	60.9
22280	11.7	105.5	-29	60.9
22290	12.1	104.8	-28	60.9
22300	11.5	104.2	-28	61.2
22310	11.4	103.6	-27	60.9
22320	11.5	103.0	-27	60.9
22330	11.5	102.4	-26	60.9
22340	10.8	101.8	-25	60.9
22350	11.3	101.2	-25	60.9
22360	11.3	100.6	-24	60.6
22370	11.1	100.0	-24	60.9
22380	11.3	99.4	-23	60.9
22390	11.3	98.7	-22	60.9
22400	10.8	98.1	-22	60.9
22410	11.0	97.5	-21	60.6
22420	10.6	96.9	-20	60.9
22430	10.2	96.3	-20	60.9
22440	9.9	95.7	-19	60.9
22450	10.0	95.1	-19	60.6
22460	9.8	94.5	-18	60.9
22470	9.6	93.9	-17	60.9
22480	9.9	93.3	-17	60.6
22490	9.8	92.7	-16	60.6
22500	10.0	92.1	-16	60.6
22510	9.9	91.4	-15	60.6
22520	9.9	90.8	-14	60.9
22530	10.2	90.2	-14	60.9
22540	10.4	89.6	-13	60.6
22550	10.3	89.0	-13	60.6
22560	10.4	88.4	-12	60.9
22570	10.6	87.8	-11	60.9
22580	10.3	87.2	-11	60.6
22590	10.4	86.6	-10	60.6
22600	10.7	86.0	-10	61.2
22610	11.1	85.4	-9	61.2
22620	11.5	84.7	-8	60.9

22630	11.3	84.1	-8	60.6
22640	11.5	83.5	-7	60.9
22650	11.9	82.9	-6	61.2
22660	11.9	82.3	-6	60.9
22670	11.9	81.7	-5	60.9
22680	12.9	81.1	-5	60.9
22690	12.5	80.5	-4	61.2
22700	12.3	79.9	-3	60.9
22710	12.5	79.3	-3	61.2
22720	12.5	78.6	-2	60.9
22730	12.1	78.0	-2	60.9
22740	12.5	77.4	-1	61.2
22750	12.3	76.8	0	60.9
22760	11.9	76.2	0	60.9
22770	12.1	75.6	1	61.2
22780	12.2	75.0	1	61.2
22790	11.9	74.4	2	60.9
22800	12.1	73.8	3	60.9
22810	11.5	73.2	3	60.6
22820	11.5	72.5	4	61.2
22830	11.4	71.9	5	60.9
22840	11.4	71.3	5	60.6
22850	11.1	70.7	6	60.9
22860	11.1	70.1	6	60.9
22870	10.7	69.5	7	60.9
22880	10.4	68.9	8	60.6
22890	9.9	68.3	8	60.6
22900	9.5	67.7	9	60.9
22910	9.4	67.1	9	60.6
22920	8.8	66.5	10	60.6
22930	8.3	65.9	11	59.9
22940	11.4	65.3	11	61.4
22950	15.9	64.8	12	46.8
22960	13.2	64.4	12	37.5
22970	9.8	64.1	12	32.4
22980	10.4	63.8	13	23.6
22990	9.5	63.6	13	17.0
23000	7.7	63.5	13	14.9
23010	6.9	63.4	13	10.6
23020	5.2	63.3	13	10.6
23030	4.2	63.2	13	7.7
23040	4.3	63.1	13	5.3
23050	3.7	63.1	13	5.3
23060	3.0	63.0	13	4.2
23070	2.6	63.0	13	3.4
23080	2.3	63.0	13	2.9
23090	1.6	62.9	14	2.6
23100	0.3	62.9	14	2.3
23110	0.1	62.9	14	1.3
23120	-0.5	62.9	14	0.0
23130	-0.9	62.9	14	0.7
23140	-1.1	62.9	14	1.5
23150	-4.5	62.9	14	0.2
23160	-12.2	62.9	14	-1.5

23170	-4.3	62.9	14	-3.7
23180	-1.5	63.0	13	-5.0
23190	-9.6	63.0	13	-6.6
23200	-9.1	63.1	13	-10.3
23210	-4.7	63.3	13	-18.1
23220	-9.6	63.5	13	-21.5
23230	-11.3	63.7	13	-26.8
23240	-7.7	64.0	12	-33.2
23250	-9.2	64.3	12	-38.0
23260	-12.7	64.7	12	-43.9
23270	-11.0	65.2	11	-51.1
23280	-9.8	65.7	11	-58.0
23290	-13.6	66.2	10	-62.5
23300	-17.8	66.8	10	-57.7
23310	-16.4	67.4	9	-58.3
23320	-15.3	68.0	8	-58.3
23330	-16.7	68.6	8	-59.1
23340	-17.6	69.2	7	-59.6
23350	-17.4	69.8	7	-59.3
23360	-17.6	70.3	6	-59.1
23370	-17.5	70.9	6	-59.3
23380	-17.2	71.5	5	-59.3
23390	-17.4	72.1	4	-59.6
23400	-17.2	72.7	4	-59.3
23410	-17.4	73.3	3	-59.3
23420	-17.2	73.9	3	-59.3
23430	-17.9	74.5	2	-59.6
23440	-18.0	75.1	1	-59.6
23450	-18.0	75.7	1	-59.3
23460	-18.3	76.3	0	-59.3
23470	-18.4	76.9	0	-59.6
23480	-18.4	77.5	-1	-59.6
23490	-18.7	78.1	-2	-59.3
23500	-18.6	78.7	-2	-59.3
23510	-18.6	79.3	-3	-59.3
23520	-18.7	79.9	-3	-59.6
23530	-19.1	80.5	-4	-59.6
23540	-19.7	81.0	-5	-59.6
23550	-19.4	81.6	-5	-59.6
23560	-19.5	82.2	-6	-59.6
23570	-19.5	82.8	-6	-59.6
23580	-19.9	83.4	-7	-59.6
23590	-19.8	84.0	-8	-59.6
23600	-19.8	84.6	-8	-59.6
23610	-19.7	85.2	-9	-59.9
23620	-20.2	85.8	-9	-59.3
23630	-20.3	86.4	-10	-59.6
23640	-20.3	87.0	-11	-59.6
23650	-20.1	87.6	-11	-59.9
23660	-20.5	88.2	-12	-59.6
23670	-21.2	88.8	-12	-59.6
23680	-20.6	89.4	-13	-59.6
23690	-20.6	90.0	-14	-59.6
23700	-20.9	90.6	-14	-59.9

23710	-21.4	91.2	-15	-59.6
23720	-21.4	91.8	-15	-59.6
23730	-21.4	92.4	-16	-59.6
23740	-21.8	93.0	-17	-59.9
23750	-22.1	93.6	-17	-59.6
23760	-22.5	94.2	-18	-59.6
23770	-22.4	94.8	-18	-59.9
23780	-22.4	95.4	-19	-59.9
23790	-22.5	96.0	-20	-59.9
23800	-22.8	96.6	-20	-59.9
23810	-22.8	97.2	-21	-59.3
23820	-22.4	97.8	-21	-59.9
23830	-22.4	98.4	-22	-59.9
23840	-23.2	99.0	-23	-59.6
23850	-23.2	99.6	-23	-59.6
23860	-23.2	100.2	-24	-59.9
23870	-23.3	100.8	-24	-60.1
23880	-23.2	101.4	-25	-59.9
23890	-23.2	102.0	-26	-59.6
23900	-23.5	102.5	-26	-59.6
23910	-23.1	103.1	-27	-59.9
23920	-23.1	103.7	-27	-59.9
23930	-23.9	104.3	-28	-59.9
23940	-23.7	104.9	-28	-59.6
23950	-23.7	105.5	-29	-59.9
23960	-23.9	106.1	-30	-59.9
23970	-24.1	106.7	-30	-60.1
23980	-24.3	107.3	-31	-59.9
23990	-24.1	107.9	-31	-59.9
24000	-24.0	108.5	-32	-60.1
24010	-23.9	109.1	-33	-59.9
24020	-24.1	109.7	-33	-59.9
24030	-24.1	110.3	-34	-59.9
24040	-23.9	110.9	-34	-59.9
24050	-23.5	111.5	-35	-59.9
24060	-23.9	112.1	-36	-59.6
24070	-24.0	112.7	-36	-59.9
24080	-24.3	113.3	-37	-59.6
24090	-23.7	113.9	-37	-59.9
24100	-23.9	114.5	-38	-59.9
24110	-24.0	115.1	-39	-59.6
24120	-24.1	115.7	-39	-59.9
24130	-23.7	116.3	-40	-59.9
24140	-23.3	116.9	-40	-59.9
24150	-23.3	117.5	-41	-59.9
24160	-27.0	118.1	-42	-59.9
24170	-32.3	118.5	-42	-43.6
24180	-30.2	118.9	-42	-31.6
24190	-24.1	119.2	-43	-25.0
24200	-24.7	119.4	-43	-19.9
24210	-24.8	119.6	-43	-19.9
24220	-23.2	119.8	-43	-15.4
24230	-21.6	119.9	-43	-12.5
24240	-20.5	120.0	-44	-10.1

24250	-18.8	120.1	-44	-7.9
24260	-17.4	120.1	-44	-6.1
24270	-16.3	120.2	-44	-4.5
24280	-14.8	120.2	-44	-3.9
24290	-12.7	120.2	-44	-2.9
24300	-10.3	120.3	-44	-2.1
24310	-8.0	120.3	-44	-1.5
24320	-5.7	120.3	-44	-0.7
24330	-3.8	120.3	-44	-0.7
24340	-3.1	120.3	-44	-0.5
24350	-2.7	120.3	-44	-0.2
24360	-2.2	120.3	-44	-0.2
24370	-1.4	120.3	-44	0.0
24380	-0.7	120.3	-44	0.0
24390	0.0	120.3	-44	0.0
24400	0.5	120.3	-44	0.0
24410	0.7	120.3	-44	0.0
24420	0.8	120.3	-44	0.2
24430	0.9	120.3	-44	0.5
24440	2.2	120.3	-44	0.7
24450	14.5	120.3	-44	3.4
24460	5.7	120.2	-44	8.2
24470	0.1	120.1	-44	11.4
24480	8.3	119.9	-43	11.9
24490	8.3	119.8	-43	15.1
24500	3.7	119.6	-43	19.4
24510	6.2	119.4	-43	21.5
24520	8.7	119.1	-43	24.4
24530	6.2	118.8	-42	28.7
24540	7.5	118.4	-42	32.2
24550	8.7	118.1	-42	35.6
24560	7.3	117.6	-41	39.9
24570	8.9	117.1	-41	48.7
24580	9.1	116.6	-40	53.5
24590	7.2	116.0	-40	58.3
24600	9.9	115.4	-39	60.6
24610	12.6	114.8	-38	61.2
24620	11.8	114.2	-38	60.9
24630	10.8	113.6	-37	60.6
24640	12.3	113.0	-37	60.9
24650	11.9	112.4	-36	60.9
24660	12.2	111.8	-35	60.9
24670	12.3	111.2	-35	60.9
24680	12.2	110.6	-34	60.9
24690	11.9	109.9	-33	60.9
24700	11.7	109.3	-33	60.9
24710	11.7	108.7	-32	60.9
24720	11.9	108.1	-32	60.9
24730	12.1	107.5	-31	60.9
24740	12.2	106.9	-30	60.9
24750	12.3	106.3	-30	60.9
24760	12.7	105.7	-29	60.9
24770	12.5	105.1	-29	60.9
24780	12.2	104.5	-28	60.9

24790	12.2	103.8	-27	60.9
24800	12.6	103.2	-27	60.9
24810	12.3	102.6	-26	60.9
24820	11.7	102.0	-26	61.2
24830	11.7	101.4	-25	60.9
24840	12.1	100.8	-24	60.9
24850	11.7	100.2	-24	60.9
24860	11.7	99.6	-23	60.9
24870	11.9	99.0	-23	60.9
24880	12.2	98.4	-22	60.6
24890	11.8	97.7	-21	60.9
24900	11.7	97.1	-21	60.9
24910	11.3	96.5	-20	60.9
24920	11.4	95.9	-19	60.9
24930	11.7	95.3	-19	60.9
24940	11.7	94.7	-18	60.9
24950	11.7	94.1	-18	60.9
24960	11.7	93.5	-17	60.9
24970	11.7	92.9	-16	60.9
24980	11.4	92.3	-16	60.9
24990	11.3	91.7	-15	60.6
25000	11.1	91.0	-15	60.9
25010	11.4	90.4	-14	60.9
25020	11.4	89.8	-13	60.9
25030	11.4	89.2	-13	60.9
25040	11.1	88.6	-12	60.6
25050	11.3	88.0	-12	60.6
25060	11.4	87.4	-11	60.9
25070	11.4	86.8	-10	60.6
25080	11.3	86.2	-10	60.9
25090	11.1	85.6	-9	60.9
25100	11.4	85.0	-9	60.9
25110	11.3	84.3	-8	60.9
25120	11.1	83.7	-7	60.9
25130	11.4	83.1	-7	60.9
25140	11.1	82.5	-6	60.9
25150	11.1	81.9	-5	60.9
25160	11.5	81.3	-5	60.9
25170	11.5	80.7	-4	60.9
25180	11.1	80.1	-4	60.9
25190	11.5	79.5	-3	60.9
25200	11.3	78.9	-2	60.9
25210	10.8	78.3	-2	60.9
25220	11.0	77.6	-1	60.9
25230	11.3	77.0	-1	60.6
25240	10.6	76.4	0	60.6
25250	10.4	75.8	1	60.6
25260	10.6	75.2	1	60.9
25270	10.8	74.6	2	60.9
25280	10.6	74.0	2	60.9
25290	10.2	73.4	3	60.6
25300	9.8	72.8	4	60.9
25310	9.8	72.2	4	60.9
25320	9.6	71.6	5	60.6

25330	9.5	70.9	6	60.9
25340	9.1	70.3	6	60.6
25350	8.7	69.7	7	60.6
25360	8.1	69.1	7	60.6
25370	8.0	68.5	8	60.6
25380	7.6	67.9	9	60.4
25390	6.8	67.3	9	60.9
25400	6.4	66.7	10	60.6
25410	6.2	66.1	10	60.4
25420	6.1	65.5	11	53.5
25430	12.7	65.0	11	44.7
25440	12.2	64.5	12	44.7
25450	8.1	64.2	12	32.4
25460	8.7	63.9	13	23.6
25470	8.5	63.7	13	18.3
25480	6.4	63.6	13	16.5
25490	5.8	63.4	13	11.7
25500	4.6	63.3	13	11.7
25510	3.1	63.2	13	8.5
25520	3.0	63.1	13	6.1
25530	2.7	63.1	13	4.7
25540	1.8	63.0	13	4.5
25550	1.2	63.0	13	3.4
25560	1.1	63.0	13	2.3
25570	0.4	63.0	13	2.1
25580	0.0	62.9	14	2.3
25590	-0.3	62.9	14	2.3
25600	-0.8	62.9	14	1.3
25610	-1.1	62.9	14	0.7
25620	-4.5	62.9	14	0.7
25630	-10.8	62.9	14	-1.5
25640	-3.8	62.9	14	-3.1
25650	-1.6	63.0	13	-3.9
25660	-8.3	63.0	13	-6.9
25670	-7.5	63.1	13	-10.1
25680	-3.8	63.2	13	-12.7
25690	-7.3	63.4	13	-14.9
25700	-9.2	63.6	13	-18.3
25710	-6.4	63.8	13	-22.3
25720	-7.3	64.1	12	-26.0
25730	-10.6	64.4	12	-29.8
25740	-9.6	64.8	12	-34.6
25750	-8.8	65.2	11	-39.4
25760	-10.8	65.7	11	-43.9
25770	-11.7	66.2	10	-54.8
25780	-13.3	66.8	10	-56.9
25790	-16.3	67.4	9	-57.2
25800	-16.8	68.0	8	-57.2
25810	-15.9	68.5	8	-57.5
25820	-16.3	69.1	7	-58.5
25830	-17.6	69.7	7	-58.8
25840	-18.3	70.3	6	-59.1
25850	-18.7	70.9	6	-59.6
25860	-18.6	71.5	5	-59.6

25870	-19.8	72.1	4	-59.6
25880	-19.8	72.7	4	-59.3
25890	-19.9	73.3	3	-59.3
25900	-19.8	73.9	3	-59.6
25910	-20.5	74.5	2	-59.6
25920	-20.6	75.1	1	-59.3
25930	-20.7	75.6	1	-59.3
25940	-20.6	76.2	0	-59.3
25950	-20.5	76.8	0	-59.6
25960	-20.9	77.4	-1	-59.6
25970	-20.9	78.0	-2	-59.6
25980	-20.7	78.6	-2	-59.6
25990	-20.9	79.2	-3	-59.3
26000	-21.2	79.8	-3	-59.6
26010	-21.4	80.4	-4	-59.6
26020	-21.3	81.0	-5	-59.3
26030	-21.0	81.6	-5	-59.3
26040	-21.0	82.2	-6	-59.6
26050	-20.9	82.8	-6	-59.6
26060	-20.7	83.4	-7	-59.3
26070	-20.6	84.0	-8	-59.3
26080	-20.3	84.6	-8	-59.6
26090	-20.3	85.2	-9	-59.6
26100	-21.0	85.8	-9	-59.3
26110	-21.2	86.4	-10	-59.3
26120	-20.9	87.0	-11	-59.3
26130	-20.9	87.6	-11	-59.6
26140	-21.3	88.1	-12	-59.6
26150	-21.8	88.7	-12	-59.6
26160	-21.3	89.3	-13	-59.6
26170	-21.2	89.9	-13	-59.6
26180	-21.6	90.5	-14	-59.6
26190	-21.7	91.1	-15	-59.6
26200	-21.8	91.7	-15	-59.6
26210	-21.8	92.3	-16	-59.6
26220	-21.8	92.9	-16	-59.9
26230	-22.0	93.5	-17	-59.6
26240	-22.4	94.1	-18	-59.3
26250	-22.4	94.7	-18	-59.3
26260	-22.1	95.3	-19	-59.6
26270	-22.0	95.9	-19	-59.6
26280	-22.4	96.5	-20	-59.6
26290	-22.5	97.1	-21	-59.3
26300	-22.0	97.7	-21	-59.6
26310	-21.7	98.3	-22	-59.6
26320	-22.2	98.9	-22	-59.6
26330	-22.2	99.5	-23	-59.6
26340	-21.8	100.1	-24	-59.6
26350	-21.6	100.7	-24	-59.9
26360	-21.4	101.3	-25	-59.6
26370	-21.7	101.9	-25	-59.6
26380	-21.4	102.5	-26	-59.6
26390	-20.7	103.1	-27	-59.6
26400	-20.6	103.6	-27	-59.6

26410	-21.2	104.2	-28	-59.6
26420	-21.0	104.8	-28	-59.3
26430	-20.5	105.4	-29	-59.3
26440	-20.5	106.0	-30	-59.6
26450	-20.7	106.6	-30	-59.6
26460	-20.3	107.2	-31	-59.6
26470	-19.5	107.8	-31	-59.6
26480	-19.1	108.4	-32	-59.6
26490	-18.4	109.0	-33	-59.6
26500	-18.0	109.6	-33	-59.3
26510	-17.8	110.2	-34	-59.3
26520	-17.0	110.8	-34	-59.3
26530	-16.4	111.4	-35	-59.3
26540	-16.1	112.0	-36	-59.3
26550	-16.3	112.6	-36	-59.3
26560	-15.1	113.2	-37	-59.3
26570	-14.5	113.7	-37	-59.3
26580	-14.0	114.3	-38	-59.3
26590	-13.7	114.9	-38	-59.3
26600	-12.6	115.5	-39	-59.1
26610	-11.4	116.1	-40	-59.3
26620	-10.4	116.7	-40	-59.3
26630	-10.0	117.3	-41	-59.3
26640	-10.6	117.9	-41	-51.6
26650	-17.8	118.3	-42	-40.7
26660	-16.7	118.7	-42	-32.7
26670	-10.0	119.0	-43	-26.0
26680	-9.4	119.3	-43	-20.7
26690	-12.1	119.5	-43	-21.0
26700	-9.9	119.7	-43	-17.0
26710	-6.6	119.8	-43	-13.3
26720	-6.6	119.9	-43	-10.3
26730	-7.3	120.0	-44	-7.7
26740	-5.7	120.0	-44	-6.1
26750	-3.8	120.1	-44	-5.3
26760	-3.4	120.1	-44	-4.2
26770	-3.1	120.2	-44	-3.1
26780	-1.9	120.2	-44	-2.3
26790	-0.9	120.2	-44	-1.5
26800	-0.4	120.2	-44	-1.3
26810	-0.1	120.2	-44	-1.0
26820	0.5	120.2	-44	-0.7
26830	0.7	120.3	-44	-0.7
26840	0.8	120.3	-44	0.0
26850	0.9	120.3	-44	-0.2
26860	8.7	120.3	-44	1.3
26870	8.7	120.2	-44	4.7
26880	1.8	120.1	-44	7.9
26890	1.8	120.0	-44	9.0
26900	9.6	119.9	-43	10.3
26910	5.3	119.8	-43	14.3
26920	3.7	119.6	-43	17.3
26930	7.7	119.4	-43	19.1
26940	6.4	119.2	-43	22.6

26950	4.7	118.9	-42	25.8
26960	7.1	118.6	-42	28.4
26970	6.8	118.2	-42	31.6
26980	5.3	117.8	-41	35.1
26990	7.2	117.4	-41	42.3
27000	7.2	117.0	-41	46.0
27010	6.0	116.5	-40	50.0
27020	7.1	115.9	-39	53.7
27030	7.1	115.4	-39	57.5
27040	6.6	114.8	-38	60.9
27050	9.5	114.2	-38	60.6
27060	10.3	113.6	-37	60.9
27070	8.5	113.0	-37	60.6
27080	8.9	112.3	-36	60.6
27090	10.0	111.7	-35	60.6
27100	9.6	111.1	-35	60.6
27110	9.5	110.5	-34	60.6
27120	9.8	109.9	-33	60.9
27130	9.4	109.3	-33	60.9
27140	9.4	108.7	-32	60.9
27150	9.4	108.1	-32	60.6
27160	9.2	107.5	-31	60.6
27170	9.1	106.9	-30	60.6
27180	9.4	106.3	-30	60.6
27190	9.6	105.7	-29	60.6
27200	8.8	105.0	-29	60.9
27210	8.8	104.4	-28	60.9
27220	8.9	103.8	-27	60.9
27230	9.4	103.2	-27	60.6
27240	8.9	102.6	-26	60.6
27250	8.7	102.0	-26	60.9
27260	9.1	101.4	-25	60.6
27270	9.2	100.8	-24	60.6
27280	9.1	100.2	-24	60.6
27290	9.4	99.6	-23	60.9
27300	9.5	99.0	-23	60.9
27310	9.4	98.4	-22	60.6
27320	9.1	97.7	-21	60.6
27330	9.1	97.1	-21	60.6
27340	8.8	96.5	-20	60.9
27350	9.1	95.9	-19	60.9
27360	9.4	95.3	-19	60.9
27370	9.4	94.7	-18	60.6
27380	9.2	94.1	-18	60.9
27390	9.4	93.5	-17	60.9
27400	9.4	92.9	-16	60.6
27410	9.1	92.3	-16	60.6
27420	9.2	91.7	-15	60.6
27430	9.1	91.1	-15	60.6
27440	9.2	90.5	-14	60.6
27450	9.5	89.8	-13	60.6
27460	9.5	89.2	-13	60.6
27470	9.4	88.6	-12	60.6
27480	9.6	88.0	-12	60.6

27490	9.5	87.4	-11	60.6
27500	9.1	86.8	-10	60.6
27510	9.1	86.2	-10	60.6
27520	9.1	85.6	-9	60.9
27530	9.1	85.0	-9	60.6
27540	9.4	84.4	-8	60.9
27550	9.1	83.8	-7	60.6
27560	8.9	83.2	-7	60.6
27570	9.1	82.6	-6	60.6
27580	9.4	81.9	-5	60.6
27590	9.5	81.3	-5	60.6
27600	9.5	80.7	-4	60.9
27610	9.2	80.1	-4	60.6
27620	9.8	79.5	-3	60.6
27630	9.8	78.9	-2	60.6
27640	9.1	78.3	-2	60.6
27650	9.2	77.7	-1	60.9
27660	10.2	77.1	-1	60.6
27670	10.2	76.5	0	60.6
27680	10.0	75.9	1	60.6
27690	9.9	75.2	1	60.9
27700	10.2	74.6	2	60.9
27710	10.4	74.0	2	60.9
27720	10.7	73.4	3	60.6
27730	10.8	72.8	4	60.9
27740	10.6	72.2	4	60.9
27750	10.8	71.6	5	60.9
27760	10.8	71.0	5	60.9
27770	11.0	70.4	6	60.6
27780	10.4	69.8	7	60.9
27790	10.6	69.2	7	60.6
27800	10.6	68.6	8	60.6
27810	10.3	67.9	9	60.6
27820	10.0	67.3	9	60.9
27830	10.0	66.7	10	60.9
27840	9.9	66.1	10	60.6
27850	10.4	65.5	11	54.0
27860	17.0	65.0	11	45.7
27870	17.4	64.6	12	37.0
27880	13.2	64.2	12	32.7
27890	13.6	63.9	13	23.6
27900	13.7	63.7	13	22.8
27910	11.8	63.5	13	16.7
27920	11.3	63.4	13	11.7
27930	9.6	63.3	13	10.6
27940	8.1	63.2	13	7.4
27950	8.0	63.1	13	7.1
27960	7.1	63.1	13	5.3
27970	6.1	63.0	13	3.7
27980	6.1	63.0	13	3.1
27990	5.7	63.0	13	2.9
28000	4.9	62.9	14	2.6
28010	3.9	62.9	14	2.6
28020	3.3	62.9	14	1.8

28030	3.0	62.9	14	0.0
28040	0.3	62.9	14	0.0
28050	-0.7	62.9	14	0.0
28060	-0.7	62.9	14	1.5
28070	-0.8	62.9	14	1.3
28080	-0.9	62.9	14	0.5
28090	-1.1	62.9	14	0.2
28100	-8.3	62.9	14	-0.2
28110	-10.6	62.9	14	-2.3
28120	-3.7	62.9	14	-4.2
28130	-5.0	63.0	13	-5.5
28140	-10.0	63.0	13	-7.9
28150	-7.7	63.2	13	-12.5
28160	-7.1	63.3	13	-16.5
28170	-9.6	63.5	13	-20.2
28180	-8.9	63.8	13	-24.4
28190	-7.5	64.1	12	-29.0
28200	-9.5	64.5	12	-32.7
28210	-10.3	64.9	12	-37.2
28220	-9.2	65.3	11	-42.3
28230	-9.9	65.8	11	-47.1
28240	-12.3	66.4	10	-56.7
28250	-15.5	67.0	9	-57.2
28260	-15.7	67.6	9	-57.2
28270	-14.9	68.1	8	-57.2
28280	-15.2	68.7	8	-57.2
28290	-15.5	69.3	7	-58.3
28300	-16.0	69.9	7	-58.5
28310	-16.4	70.5	6	-58.8
28320	-16.1	71.0	5	-59.3
28330	-16.1	71.6	5	-59.6
28340	-16.8	72.2	4	-59.3
28350	-17.2	72.8	4	-59.1
28360	-17.0	73.4	3	-59.1
28370	-17.2	74.0	2	-59.6
28380	-17.6	74.6	2	-59.6
28390	-18.0	75.2	1	-59.6
28400	-18.2	75.8	1	-59.3
28410	-18.3	76.4	0	-59.3
28420	-18.6	77.0	-1	-59.3
28430	-19.3	77.6	-1	-59.6
28440	-19.5	78.2	-2	-59.6
28450	-19.4	78.8	-2	-59.3
28460	-19.9	79.4	-3	-59.6
28470	-20.2	80.0	-4	-59.6
28480	-20.6	80.6	-4	-59.3
28490	-20.3	81.2	-5	-59.6
28500	-20.3	81.8	-5	-59.6
28510	-20.9	82.3	-6	-59.6
28520	-21.2	82.9	-6	-59.6
28530	-21.2	83.5	-7	-59.6
28540	-21.2	84.1	-8	-59.6
28550	-21.4	84.7	-8	-59.6
28560	-21.6	85.3	-9	-59.9

28570	-22.1	85.9	-9	-59.6
28580	-22.2	86.5	-10	-59.9
28590	-21.8	87.1	-11	-59.9
28600	-21.7	87.7	-11	-59.9
28610	-22.4	88.3	-12	-59.6
28620	-22.4	88.9	-12	-59.6
28630	-22.2	89.5	-13	-59.6
28640	-22.1	90.1	-14	-59.9
28650	-22.1	90.7	-14	-60.1
28660	-22.5	91.3	-15	-59.9
28670	-22.2	91.9	-15	-59.6
28680	-22.2	92.5	-16	-59.6
28690	-21.8	93.1	-17	-59.9
28700	-22.2	93.7	-17	-59.6
28710	-22.1	94.3	-18	-59.6
28720	-21.8	94.9	-18	-59.6
28730	-22.0	95.5	-19	-59.6
28740	-22.0	96.1	-20	-59.9
28750	-22.2	96.7	-20	-59.6
28760	-22.2	97.3	-21	-59.6
28770	-22.2	97.9	-21	-59.9
28780	-22.4	98.5	-22	-59.9
28790	-22.6	99.1	-23	-59.6
28800	-22.6	99.7	-23	-59.6
28810	-22.8	100.3	-24	-59.6
28820	-22.6	100.9	-24	-59.9
28830	-22.9	101.5	-25	-59.9
28840	-23.1	102.1	-26	-59.6
28850	-23.6	102.7	-26	-59.6
28860	-23.1	103.3	-27	-59.9
28870	-23.5	103.9	-27	-59.9
28880	-24.0	104.5	-28	-59.9
28890	-23.7	105.1	-29	-59.9
28900	-23.2	105.7	-29	-59.9
28910	-23.6	106.3	-30	-59.9
28920	-23.9	106.9	-30	-60.1
28930	-23.6	107.5	-31	-59.9
28940	-23.5	108.1	-32	-59.9
28950	-23.1	108.7	-32	-59.9
28960	-23.2	109.3	-33	-59.9
28970	-23.3	109.9	-33	-59.6
28980	-23.1	110.5	-34	-59.9
28990	-22.1	111.1	-35	-59.9
29000	-21.8	111.7	-35	-59.9
29010	-22.0	112.2	-36	-59.6
29020	-21.6	112.8	-36	-59.6
29030	-20.7	113.4	-37	-59.6
29040	-19.9	114.0	-38	-59.6
29050	-19.9	114.6	-38	-59.9
29060	-19.5	115.2	-39	-59.6
29070	-19.0	115.8	-39	-59.6
29080	-18.0	116.4	-40	-59.6
29090	-17.6	117.0	-41	-59.6
29100	-17.2	117.6	-41	-59.3

29110	-22.5	118.2	-42	-56.7
29120	-25.5	118.6	-42	-45.2
29130	-21.3	118.9	-42	-36.4
29140	-16.1	119.2	-43	-28.7
29150	-17.5	119.4	-43	-23.1
29160	-17.1	119.6	-43	-18.6
29170	-13.8	119.8	-43	-14.9
29180	-11.9	119.9	-43	-11.7
29190	-11.5	120.0	-44	-9.5
29200	-10.0	120.0	-44	-7.4
29210	-8.3	120.1	-44	-5.5
29220	-7.1	120.1	-44	-4.2
29230	-5.7	120.2	-44	-3.4
29240	-4.3	120.2	-44	-2.3
29250	-3.3	120.2	-44	-1.5
29260	-2.4	120.2	-44	-1.3
29270	-1.4	120.2	-44	-1.0
29280	-0.1	120.3	-44	-1.0
29290	0.3	120.3	-44	-0.5
29300	0.7	120.3	-44	-0.5
29310	0.8	120.3	-44	0.0
29320	0.8	120.3	-44	0.2
29330	1.9	120.3	-44	0.2
29340	10.4	120.2	-44	2.6
29350	3.8	120.2	-44	7.1
29360	-0.1	120.1	-44	9.5

ISOK_EXERC_ER_IR_60_R_SIDE
01/08
Set #9

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	3.0	119.3	-43	13.3
10	4.1	119.1	-43	14.6
20	2.3	118.9	-42	16.5
30	2.7	118.7	-42	17.5
40	4.5	118.5	-42	18.9
50	4.3	118.3	-42	21.2
60	3.4	118.0	-42	23.4
70	3.9	117.8	-41	25.2
80	4.7	117.5	-41	30.0
90	4.3	117.1	-41	32.7
100	4.2	116.8	-40	35.4
110	4.5	116.4	-40	37.8
120	5.2	116.0	-40	40.1
130	5.6	115.6	-39	43.1
140	5.6	115.1	-39	46.3
150	5.7	114.7	-38	49.2
160	6.1	114.1	-38	52.1
170	6.1	113.6	-37	55.6
180	6.1	113.0	-37	59.3
190	7.3	112.4	-36	60.6
200	9.6	111.8	-35	60.9
210	9.8	111.2	-35	60.9
220	9.4	110.6	-34	60.6
230	9.6	110.0	-34	60.6
240	10.7	109.4	-33	60.9
250	11.4	108.8	-32	60.9
260	11.4	108.2	-32	60.9
270	11.4	107.5	-31	60.9
280	11.8	106.9	-30	60.9
290	12.1	106.3	-30	60.9
300	12.2	105.7	-29	60.9
310	12.1	105.1	-29	60.9
320	12.5	104.5	-28	60.9
330	12.9	103.9	-27	60.9
340	13.6	103.3	-27	61.2
350	13.6	102.7	-26	61.2
360	13.4	102.1	-26	61.2
370	13.8	101.4	-25	61.2
380	14.0	100.8	-24	61.2
390	13.6	100.2	-24	61.2
400	13.4	99.6	-23	61.2
410	13.6	99.0	-23	60.9
420	13.7	98.4	-22	60.9
430	13.8	97.8	-21	60.9
440	14.0	97.2	-21	61.2
450	13.7	96.6	-20	61.2
460	13.8	95.9	-19	61.2
470	14.1	95.3	-19	61.2
480	13.4	94.7	-18	60.9

490	13.2	94.1	-18	60.9
500	12.9	93.5	-17	60.9
510	13.0	92.9	-16	60.9
520	12.6	92.3	-16	60.9
530	12.5	91.7	-15	60.6
540	12.2	91.1	-15	60.9
550	12.3	90.4	-14	60.9
560	12.5	89.8	-13	60.9
570	12.3	89.2	-13	60.9
580	12.2	88.6	-12	60.9
590	12.1	88.0	-12	60.9
600	12.1	87.4	-11	60.9
610	11.9	86.8	-10	60.9
620	11.8	86.2	-10	60.9
630	11.7	85.6	-9	60.9
640	12.1	85.0	-9	60.9
650	12.2	84.3	-8	60.9
660	11.9	83.7	-7	60.9
670	12.2	83.1	-7	60.9
680	12.1	82.5	-6	61.2
690	12.1	81.9	-5	60.9
700	11.9	81.3	-5	60.9
710	12.1	80.7	-4	60.9
720	11.8	80.1	-4	61.2
730	12.5	79.5	-3	60.9
740	12.1	78.9	-2	60.9
750	11.9	78.2	-2	60.9
760	12.1	77.6	-1	61.2
770	12.7	77.0	-1	60.6
780	12.3	76.4	0	60.9
790	12.2	75.8	1	60.9
800	12.3	75.2	1	61.2
810	12.5	74.6	2	60.9
820	12.3	74.0	2	60.6
830	12.1	73.4	3	60.9
840	11.9	72.8	4	60.9
850	12.2	72.1	4	60.9
860	12.1	71.5	5	60.9
870	11.9	70.9	6	60.9
880	11.8	70.3	6	60.9
890	11.5	69.7	7	61.2
900	11.4	69.1	7	60.9
910	11.5	68.5	8	60.9
920	11.1	67.9	9	60.6
930	11.0	67.3	9	60.9
940	11.0	66.7	10	60.9
950	10.6	66.1	10	60.9
960	11.1	65.5	11	53.5
970	17.9	65.0	11	44.7
980	17.6	64.5	12	44.1
990	14.1	64.2	12	32.2
1000	13.7	63.9	13	23.1
1010	14.0	63.7	13	22.0
1020	14.0	63.5	13	16.2

1030	12.1	63.4	13	11.4
1040	10.0	63.3	13	10.1
1050	8.8	63.2	13	7.1
1060	8.4	63.1	13	5.5
1070	7.2	63.1	13	5.8
1080	6.1	63.0	13	3.9
1090	5.4	63.0	13	2.6
1100	4.5	63.0	13	2.6
1110	3.5	62.9	14	2.3
1120	2.4	62.9	14	2.3
1130	1.4	62.9	14	2.3
1140	1.5	62.9	14	0.2
1150	-0.7	62.9	14	0.0
1160	-0.9	62.9	14	0.5
1170	-1.1	62.9	14	1.5
1180	-2.2	62.9	14	0.0
1190	-16.0	62.9	14	-0.5
1200	-8.0	62.9	14	-4.5
1210	-3.1	63.0	13	-5.3
1220	-8.5	63.0	13	-7.9
1230	-11.0	63.2	13	-14.3
1240	-7.9	63.3	13	-20.7
1250	-7.2	63.6	13	-25.5
1260	-11.4	63.8	13	-30.0
1270	-9.6	64.2	12	-36.7
1280	-8.1	64.5	12	-42.8
1290	-10.6	65.0	11	-47.9
1300	-12.3	65.4	11	-54.0
1310	-11.0	66.0	10	-60.9
1320	-14.8	66.5	10	-57.2
1330	-18.8	67.1	9	-57.2
1340	-17.2	67.7	9	-58.0
1350	-15.9	68.3	8	-58.5
1360	-17.4	68.9	8	-59.1
1370	-18.8	69.5	7	-59.3
1380	-18.4	70.0	6	-59.3
1390	-18.2	70.6	6	-59.3
1400	-18.6	71.2	5	-59.6
1410	-18.8	71.8	5	-59.3
1420	-19.4	72.4	4	-59.6
1430	-19.5	73.0	3	-59.3
1440	-19.7	73.6	3	-59.6
1450	-20.2	74.2	2	-59.6
1460	-20.2	74.8	2	-59.6
1470	-20.1	75.4	1	-59.3
1480	-20.3	76.0	0	-59.3
1490	-20.2	76.6	0	-59.3
1500	-20.3	77.2	-1	-59.3
1510	-20.7	77.8	-1	-59.3
1520	-21.0	78.4	-2	-59.3
1530	-21.0	79.0	-3	-59.3
1540	-20.9	79.6	-3	-59.6
1550	-21.3	80.2	-4	-59.6
1560	-21.2	80.8	-4	-59.3

1570	-20.9	81.3	-5	-59.3
1580	-20.7	81.9	-5	-59.6
1590	-20.7	82.5	-6	-59.6
1600	-21.0	83.1	-7	-59.6
1610	-20.9	83.7	-7	-59.3
1620	-21.0	84.3	-8	-59.3
1630	-21.0	84.9	-8	-59.6
1640	-21.3	85.5	-9	-59.3
1650	-21.6	86.1	-10	-59.3
1660	-21.6	86.7	-10	-59.6
1670	-21.0	87.3	-11	-59.6
1680	-21.2	87.9	-11	-59.6
1690	-21.6	88.5	-12	-59.3
1700	-21.6	89.1	-13	-59.3
1710	-21.3	89.7	-13	-59.6
1720	-21.4	90.3	-14	-59.6
1730	-22.1	90.9	-14	-59.6
1740	-22.2	91.5	-15	-59.6
1750	-22.4	92.1	-16	-59.3
1760	-22.2	92.7	-16	-59.6
1770	-22.5	93.3	-17	-59.6
1780	-23.1	93.9	-17	-59.6
1790	-23.2	94.5	-18	-59.6
1800	-22.9	95.1	-19	-59.6
1810	-23.2	95.7	-19	-59.6
1820	-23.5	96.3	-20	-59.6
1830	-23.6	96.8	-20	-59.6
1840	-23.9	97.4	-21	-59.6
1850	-23.5	98.0	-22	-59.9
1860	-23.6	98.6	-22	-59.9
1870	-23.9	99.2	-23	-59.6
1880	-23.9	99.8	-23	-59.6
1890	-23.5	100.4	-24	-59.6
1900	-23.7	101.0	-25	-59.9
1910	-24.0	101.6	-25	-59.6
1920	-24.3	102.2	-26	-59.6
1930	-24.1	102.8	-26	-59.6
1940	-24.1	103.4	-27	-59.9
1950	-24.5	104.0	-28	-59.6
1960	-25.2	104.6	-28	-59.9
1970	-25.0	105.2	-29	-59.9
1980	-24.5	105.8	-29	-59.9
1990	-25.0	106.4	-30	-59.9
2000	-25.5	107.0	-31	-59.9
2010	-25.6	107.6	-31	-59.9
2020	-25.5	108.2	-32	-59.9
2030	-25.6	108.8	-32	-60.1
2040	-26.0	109.4	-33	-59.9
2050	-26.7	110.0	-34	-59.9
2060	-26.8	110.6	-34	-59.9
2070	-26.4	111.2	-35	-59.9
2080	-26.8	111.8	-35	-59.9
2090	-27.0	112.4	-36	-59.9
2100	-26.7	113.0	-37	-59.9

2110	-26.0	113.6	-37	-59.9
2120	-25.5	114.2	-38	-59.9
2130	-25.0	114.8	-38	-59.9
2140	-24.4	115.4	-39	-59.9
2150	-23.2	116.0	-40	-59.6
2160	-22.1	116.6	-40	-59.6
2170	-21.0	117.2	-41	-59.6
2180	-20.2	117.8	-41	-59.1
2190	-26.3	118.3	-42	-48.7
2200	-27.0	118.7	-42	-35.1
2210	-21.4	119.0	-43	-28.2
2220	-18.6	119.3	-43	-22.3
2230	-19.8	119.5	-43	-18.1
2240	-19.0	119.7	-43	-14.3
2250	-15.7	119.8	-43	-11.4
2260	-14.1	119.9	-43	-9.0
2270	-13.8	120.0	-44	-7.1
2280	-12.6	120.1	-44	-5.8
2290	-10.8	120.1	-44	-4.2
2300	-10.0	120.2	-44	-3.7
2310	-9.8	120.2	-44	-2.9
2320	-8.8	120.2	-44	-2.3
2330	-7.3	120.2	-44	-1.8
2340	-5.8	120.3	-44	-1.3
2350	-4.3	120.3	-44	-0.7
2360	-2.2	120.3	-44	-0.7
2370	-0.3	120.3	-44	-0.5
2380	0.4	120.3	-44	-0.2
2390	0.5	120.3	-44	0.0
2400	0.8	120.3	-44	0.2
2410	0.8	120.3	-44	0.2
2420	1.5	120.3	-44	1.0
2430	13.7	120.3	-44	1.8
2440	6.2	120.2	-44	8.5
2450	0.7	120.1	-44	12.5
2460	5.8	120.0	-44	13.3
2470	9.2	119.8	-43	16.2
2480	6.8	119.6	-43	21.8
2490	6.6	119.4	-43	26.0
2500	8.3	119.2	-43	30.0
2510	8.4	118.8	-42	34.8
2520	9.4	118.5	-42	39.9
2530	8.7	118.1	-42	45.7
2540	8.3	117.6	-41	50.8
2550	10.2	117.1	-41	51.1
2560	10.0	116.6	-40	56.7
2570	10.3	116.0	-40	60.9
2580	14.1	115.4	-39	60.9
2590	15.2	114.8	-38	61.2
2600	14.1	114.1	-38	60.9
2610	14.5	113.5	-37	60.9
2620	14.8	112.9	-36	61.2
2630	15.1	112.3	-36	61.2
2640	15.6	111.7	-35	61.2

2650	15.3	111.1	-35	60.9
2660	14.9	110.5	-34	60.9
2670	15.2	109.9	-33	60.9
2680	15.5	109.3	-33	61.2
2690	15.7	108.6	-32	61.2
2700	16.0	108.0	-32	61.2
2710	16.5	107.4	-31	61.2
2720	16.4	106.8	-30	61.2
2730	16.4	106.2	-30	61.2
2740	16.3	105.6	-29	61.2
2750	15.9	105.0	-29	61.2
2760	15.7	104.4	-28	61.2
2770	15.7	103.7	-27	61.2
2780	16.0	103.1	-27	61.2
2790	16.0	102.5	-26	61.2
2800	15.9	101.9	-25	61.2
2810	16.1	101.3	-25	61.2
2820	16.3	100.7	-24	61.2
2830	15.9	100.1	-24	61.2
2840	16.0	99.5	-23	61.2
2850	15.5	98.8	-22	61.2
2860	15.2	98.2	-22	60.9
2870	15.2	97.6	-21	61.2
2880	15.2	97.0	-21	61.2
2890	14.6	96.4	-20	61.2
2900	14.6	95.8	-19	61.2
2910	14.9	95.2	-19	60.9
2920	14.9	94.6	-18	60.9
2930	14.5	94.0	-18	61.2
2940	15.1	93.3	-17	61.2
2950	15.1	92.7	-16	61.2
2960	15.2	92.1	-16	61.2
2970	14.8	91.5	-15	60.9
2980	15.1	90.9	-14	61.2
2990	15.2	90.3	-14	61.2
3000	15.6	89.7	-13	60.9
3010	15.3	89.1	-13	61.2
3020	15.5	88.5	-12	61.2
3030	15.6	87.8	-11	61.2
3040	15.7	87.2	-11	61.2
3050	15.5	86.6	-10	61.2
3060	15.5	86.0	-10	61.4
3070	15.5	85.4	-9	61.2
3080	15.9	84.8	-8	61.2
3090	15.5	84.2	-8	61.2
3100	15.3	83.6	-7	61.2
3110	15.7	82.9	-6	61.2
3120	15.9	82.3	-6	61.2
3130	15.6	81.7	-5	61.2
3140	15.9	81.1	-5	61.2
3150	15.6	80.5	-4	61.2
3160	15.6	79.9	-3	61.2
3170	15.3	79.3	-3	61.2
3180	15.2	78.7	-2	61.2

3190	14.9	78.0	-2	61.2
3200	15.1	77.4	-1	61.2
3210	15.1	76.8	0	60.9
3220	15.2	76.2	0	61.2
3230	15.6	75.6	1	61.4
3240	15.6	75.0	1	61.2
3250	15.5	74.4	2	61.2
3260	15.7	73.8	3	61.2
3270	15.2	73.2	3	61.2
3280	15.3	72.5	4	61.2
3290	15.3	71.9	5	61.2
3300	15.3	71.3	5	61.2
3310	14.9	70.7	6	61.2
3320	14.8	70.1	6	60.9
3330	14.8	69.5	7	61.2
3340	14.5	68.9	8	61.2
3350	14.0	68.3	8	60.9
3360	13.8	67.7	9	60.9
3370	13.4	67.0	9	61.2
3380	12.9	66.4	10	60.9
3390	12.3	65.8	11	60.6
3400	16.1	65.2	11	61.2
3410	20.2	64.8	12	50.8
3420	17.5	64.4	12	37.2
3430	14.8	64.1	12	32.2
3440	14.4	63.8	13	23.4
3450	14.1	63.6	13	17.0
3460	14.1	63.5	13	16.2
3470	12.6	63.3	13	11.9
3480	10.2	63.2	13	10.3
3490	10.4	63.2	13	7.4
3500	10.0	63.1	13	6.1
3510	8.8	63.0	13	4.2
3520	7.9	63.0	13	3.9
3530	6.8	63.0	13	3.1
3540	5.4	62.9	14	2.3
3550	3.5	62.9	14	2.3
3560	1.6	62.9	14	2.6
3570	1.5	62.9	14	0.2
3580	-1.1	62.9	14	0.0
3590	-1.1	62.9	14	0.7
3600	-1.2	62.9	14	1.3
3610	-11.1	62.9	14	-0.5
3620	-12.7	62.9	14	-2.6
3630	-4.6	62.9	14	-4.7
3640	-2.8	63.0	13	-7.7
3650	-11.4	63.1	13	-9.0
3660	-9.8	63.2	13	-14.1
3670	-6.5	63.4	13	-19.1
3680	-9.2	63.7	13	-22.3
3690	-11.7	64.0	12	-26.8
3700	-9.5	64.3	12	-32.2
3710	-8.9	64.7	12	-37.0
3720	-12.1	65.2	11	-41.5

3730	-11.8	65.7	11	-47.6
3740	-12.3	66.2	10	-56.7
3750	-17.0	66.8	10	-57.2
3760	-18.4	67.4	9	-57.5
3770	-15.9	68.0	8	-58.3
3780	-16.5	68.6	8	-58.5
3790	-18.7	69.2	7	-59.3
3800	-19.0	69.7	7	-59.3
3810	-18.7	70.3	6	-59.1
3820	-19.0	70.9	6	-59.3
3830	-19.1	71.5	5	-59.6
3840	-19.3	72.1	4	-59.6
3850	-19.3	72.7	4	-59.6
3860	-19.7	73.3	3	-59.3
3870	-19.5	73.9	3	-59.3
3880	-19.9	74.5	2	-59.3
3890	-19.9	75.1	1	-59.3
3900	-20.2	75.7	1	-59.3
3910	-20.2	76.3	0	-59.3
3920	-20.3	76.9	0	-59.3
3930	-20.2	77.5	-1	-59.3
3940	-20.6	78.1	-2	-59.6
3950	-20.5	78.7	-2	-59.3
3960	-20.3	79.3	-3	-59.6
3970	-20.5	79.9	-3	-59.6
3980	-20.7	80.4	-4	-59.3
3990	-21.0	81.0	-5	-59.3
4000	-20.7	81.6	-5	-59.3
4010	-20.9	82.2	-6	-59.6
4020	-20.7	82.8	-6	-59.6
4030	-20.6	83.4	-7	-59.3
4040	-20.3	84.0	-8	-59.3
4050	-20.2	84.6	-8	-59.3
4060	-19.8	85.2	-9	-59.3
4070	-19.9	85.8	-9	-59.3
4080	-20.1	86.4	-10	-59.3
4090	-19.5	87.0	-11	-59.3
4100	-19.4	87.6	-11	-59.3
4110	-19.7	88.2	-12	-59.3
4120	-20.2	88.8	-12	-59.6
4130	-19.5	89.4	-13	-59.3
4140	-19.5	90.0	-14	-59.6
4150	-20.1	90.6	-14	-59.6
4160	-20.5	91.2	-15	-59.3
4170	-20.7	91.7	-15	-59.3
4180	-20.6	92.3	-16	-59.3
4190	-20.9	92.9	-16	-59.6
4200	-21.3	93.5	-17	-59.6
4210	-21.8	94.1	-18	-59.3
4220	-21.8	94.7	-18	-59.3
4230	-21.7	95.3	-19	-59.6
4240	-21.8	95.9	-19	-59.6
4250	-22.2	96.5	-20	-59.6
4260	-22.5	97.1	-21	-59.3

4270	-22.1	97.7	-21	-59.6
4280	-22.0	98.3	-22	-59.6
4290	-22.2	98.9	-22	-59.6
4300	-22.2	99.5	-23	-59.3
4310	-21.8	100.1	-24	-59.3
4320	-21.7	100.7	-24	-59.6
4330	-21.3	101.3	-25	-59.6
4340	-21.6	101.9	-25	-59.6
4350	-21.7	102.5	-26	-59.3
4360	-21.3	103.1	-27	-59.3
4370	-21.4	103.7	-27	-59.6
4380	-22.0	104.3	-28	-59.6
4390	-22.4	104.8	-28	-59.3
4400	-22.1	105.4	-29	-59.6
4410	-22.5	106.0	-30	-59.6
4420	-23.3	106.6	-30	-59.9
4430	-23.6	107.2	-31	-59.9
4440	-23.3	107.8	-31	-59.6
4450	-23.6	108.4	-32	-59.6
4460	-23.7	109.0	-33	-59.9
4470	-24.1	109.6	-33	-59.9
4480	-24.5	110.2	-34	-59.6
4490	-24.4	110.8	-34	-59.9
4500	-24.5	111.4	-35	-59.9
4510	-25.2	112.0	-36	-59.6
4520	-25.9	112.6	-36	-59.6
4530	-25.5	113.2	-37	-59.6
4540	-25.4	113.8	-37	-59.6
4550	-25.4	114.4	-38	-59.9
4560	-25.9	115.0	-39	-59.9
4570	-25.9	115.6	-39	-59.9
4580	-25.6	116.2	-40	-59.9
4590	-25.5	116.8	-40	-59.9
4600	-25.9	117.4	-41	-59.9
4610	-27.8	118.0	-42	-51.1
4620	-35.1	118.5	-42	-49.7
4630	-34.7	118.8	-42	-36.7
4640	-28.5	119.1	-43	-26.0
4650	-28.2	119.4	-43	-21.0
4660	-29.6	119.6	-43	-20.4
4670	-28.7	119.8	-43	-16.5
4680	-26.6	119.9	-43	-13.0
4690	-26.3	120.0	-44	-10.3
4700	-25.6	120.1	-44	-8.2
4710	-24.0	120.1	-44	-6.6
4720	-22.9	120.2	-44	-5.3
4730	-22.0	120.2	-44	-4.2
4740	-20.3	120.2	-44	-3.1
4750	-17.4	120.3	-44	-2.3
4760	-14.5	120.3	-44	-1.8
4770	-12.1	120.3	-44	-1.0
4780	-9.2	120.3	-44	-0.5
4790	-5.6	120.3	-44	-0.2
4800	-3.1	120.3	-44	0.0

4810	-2.2	120.3	-44	0.0
4820	-1.4	120.3	-44	0.0
4830	-0.1	120.3	-44	0.0
4840	0.5	120.3	-44	0.0
4850	0.7	120.3	-44	0.2
4860	0.8	120.3	-44	0.2
4870	0.8	120.3	-44	0.2
4880	1.6	120.3	-44	0.7
4890	12.9	120.3	-44	2.6
4900	6.8	120.2	-44	9.0
4910	1.2	120.1	-44	13.5
4920	6.2	119.9	-43	14.6
4930	8.1	119.8	-43	18.1
4940	5.7	119.6	-43	23.1
4950	6.1	119.4	-43	26.6
4960	7.2	119.1	-43	30.3
4970	6.4	118.8	-42	34.3
4980	7.5	118.4	-42	38.3
4990	7.7	118.1	-42	38.8
5000	7.1	117.7	-41	38.8
5010	9.1	117.2	-41	47.1
5020	9.2	116.7	-40	52.1
5030	8.4	116.1	-40	57.2
5040	9.8	115.5	-39	60.9
5050	12.9	114.9	-38	60.9
5060	13.2	114.3	-38	61.2
5070	11.3	113.7	-37	60.6
5080	11.7	113.1	-37	60.6
5090	11.5	112.5	-36	60.9
5100	12.3	111.8	-35	60.9
5110	12.7	111.2	-35	60.9
5120	12.2	110.6	-34	60.9
5130	11.9	110.0	-34	60.9
5140	12.3	109.4	-33	60.9
5150	12.6	108.8	-32	60.9
5160	12.3	108.2	-32	60.9
5170	12.1	107.6	-31	60.9
5180	12.3	107.0	-31	61.2
5190	12.3	106.4	-30	60.9
5200	12.6	105.7	-29	60.6
5210	12.3	105.1	-29	60.9
5220	12.3	104.5	-28	60.9
5230	12.3	103.9	-27	60.9
5240	12.6	103.3	-27	60.9
5250	12.3	102.7	-26	60.9
5260	11.9	102.1	-26	60.9
5270	12.3	101.5	-25	60.9
5280	12.7	100.9	-24	61.2
5290	12.6	100.3	-24	60.9
5300	12.6	99.7	-23	61.2
5310	12.7	99.0	-23	60.9
5320	13.0	98.4	-22	61.2
5330	13.3	97.8	-21	60.9
5340	12.7	97.2	-21	60.6

5350	12.3	96.6	-20	61.2
5360	12.3	96.0	-20	60.9
5370	12.7	95.4	-19	60.9
5380	12.5	94.8	-18	60.9
5390	12.7	94.2	-18	60.9
5400	12.6	93.6	-17	60.9
5410	12.7	92.9	-16	60.9
5420	12.5	92.3	-16	60.9
5430	12.9	91.7	-15	60.6
5440	12.5	91.1	-15	60.9
5450	12.5	90.5	-14	60.9
5460	12.3	89.9	-13	60.9
5470	12.5	89.3	-13	60.9
5480	12.2	88.7	-12	60.9
5490	12.5	88.1	-12	60.9
5500	12.5	87.5	-11	60.9
5510	12.2	86.8	-10	60.9
5520	11.9	86.2	-10	60.9
5530	11.8	85.6	-9	61.2
5540	11.7	85.0	-9	60.9
5550	11.7	84.4	-8	60.6
5560	11.1	83.8	-7	60.9
5570	11.3	83.2	-7	60.9
5580	11.4	82.6	-6	60.9
5590	11.8	82.0	-6	60.9
5600	12.1	81.4	-5	60.9
5610	12.2	80.8	-4	60.9
5620	12.1	80.1	-4	60.9
5630	12.7	79.5	-3	60.9
5640	12.7	78.9	-2	60.9
5650	12.1	78.3	-2	60.9
5660	11.9	77.7	-1	60.9
5670	12.3	77.1	-1	60.9
5680	12.5	76.5	0	60.9
5690	12.3	75.9	1	60.9
5700	12.2	75.3	1	61.2
5710	12.5	74.7	2	61.2
5720	12.7	74.0	2	60.9
5730	12.3	73.4	3	60.6
5740	12.6	72.8	4	60.9
5750	12.5	72.2	4	60.9
5760	12.7	71.6	5	60.9
5770	12.6	71.0	5	60.9
5780	12.6	70.4	6	60.9
5790	12.1	69.8	7	60.9
5800	12.1	69.2	7	60.9
5810	12.2	68.6	8	60.9
5820	11.9	67.9	9	60.9
5830	11.7	67.3	9	60.9
5840	11.4	66.7	10	60.9
5850	11.1	66.1	10	60.6
5860	10.8	65.5	11	54.0
5870	17.2	65.0	11	45.7
5880	17.5	64.6	12	45.5

5890	13.7	64.2	12	33.0
5900	13.2	63.9	13	28.7
5910	13.0	63.7	13	21.0
5920	12.2	63.5	13	18.3
5930	10.7	63.4	13	13.3
5940	8.4	63.3	13	9.3
5950	6.9	63.2	13	8.2
5960	6.6	63.1	13	5.8
5970	5.3	63.1	13	5.5
5980	3.8	63.0	13	4.2
5990	3.0	63.0	13	2.6
6000	1.8	63.0	13	2.9
6010	0.4	62.9	14	2.3
6020	-0.1	62.9	14	2.3
6030	-0.8	62.9	14	2.3
6040	-1.1	62.9	14	1.0
6050	-6.8	62.9	14	0.2
6060	-15.3	62.9	14	-2.1
6070	-8.0	62.9	14	-5.0
6080	-2.3	63.0	13	-10.6
6090	-11.5	63.2	13	-13.3
6100	-11.1	63.3	13	-19.1
6110	-7.2	63.5	13	-25.8
6120	-8.5	63.8	13	-30.3
6130	-11.5	64.1	12	-35.6
6140	-9.4	64.5	12	-42.0
6150	-8.7	64.9	12	-47.9
6160	-11.8	65.4	11	-53.2
6170	-11.9	65.9	11	-60.1
6180	-14.6	66.5	10	-57.2
6190	-18.2	67.1	9	-57.2
6200	-18.3	67.6	9	-58.0
6210	-17.2	68.2	8	-58.5
6220	-18.3	68.8	8	-58.8
6230	-19.4	69.4	7	-59.3
6240	-19.8	70.0	6	-59.1
6250	-19.4	70.6	6	-59.1
6260	-19.0	71.2	5	-59.3
6270	-19.4	71.8	5	-59.3
6280	-20.1	72.4	4	-59.3
6290	-20.2	73.0	3	-59.3
6300	-20.2	73.6	3	-59.1
6310	-20.9	74.2	2	-59.6
6320	-21.2	74.7	2	-59.3
6330	-21.0	75.3	1	-59.3
6340	-20.9	75.9	1	-59.3
6350	-21.0	76.5	0	-59.6
6360	-21.4	77.1	-1	-59.3
6370	-21.7	77.7	-1	-59.6
6380	-21.7	78.3	-2	-59.6
6390	-22.0	78.9	-2	-59.3
6400	-22.2	79.5	-3	-59.6
6410	-22.5	80.1	-4	-59.6
6420	-22.2	80.7	-4	-59.3

6430	-22.2	81.3	-5	-59.6
6440	-22.2	81.9	-5	-59.6
6450	-22.2	82.5	-6	-59.6
6460	-22.4	83.1	-7	-59.6
6470	-22.2	83.7	-7	-59.6
6480	-22.2	84.3	-8	-59.6
6490	-22.2	84.9	-8	-59.6
6500	-22.8	85.5	-9	-59.6
6510	-23.1	86.1	-10	-59.3
6520	-23.2	86.6	-10	-59.6
6530	-22.6	87.2	-11	-59.6
6540	-22.9	87.8	-11	-59.9
6550	-23.6	88.4	-12	-59.3
6560	-23.5	89.0	-13	-59.6
6570	-23.2	89.6	-13	-59.6
6580	-23.3	90.2	-14	-59.9
6590	-24.4	90.8	-14	-59.6
6600	-24.5	91.4	-15	-59.6
6610	-24.4	92.0	-16	-59.6
6620	-24.5	92.6	-16	-59.9
6630	-24.7	93.2	-17	-59.6
6640	-25.4	93.8	-17	-59.6
6650	-25.2	94.4	-18	-59.6
6660	-25.1	95.0	-19	-59.9
6670	-25.0	95.6	-19	-59.9
6680	-25.0	96.2	-20	-59.9
6690	-25.1	96.8	-20	-59.6
6700	-25.4	97.4	-21	-59.6
6710	-25.0	98.0	-22	-59.9
6720	-25.1	98.6	-22	-59.6
6730	-25.8	99.2	-23	-59.6
6740	-26.2	99.8	-23	-59.9
6750	-25.9	100.4	-24	-59.9
6760	-25.9	101.0	-25	-59.9
6770	-25.9	101.6	-25	-59.9
6780	-26.3	102.2	-26	-59.9
6790	-26.4	102.8	-26	-59.9
6800	-26.4	103.4	-27	-59.9
6810	-26.7	104.0	-28	-59.9
6820	-27.1	104.6	-28	-59.9
6830	-27.1	105.2	-29	-59.9
6840	-27.0	105.8	-29	-59.9
6850	-27.1	106.4	-30	-59.9
6860	-27.1	107.0	-31	-60.1
6870	-27.3	107.6	-31	-59.9
6880	-27.0	108.2	-32	-59.9
6890	-26.8	108.8	-32	-59.9
6900	-27.0	109.4	-33	-59.9
6910	-27.3	110.0	-34	-59.9
6920	-27.3	110.6	-34	-59.9
6930	-26.8	111.2	-35	-59.9
6940	-26.8	111.8	-35	-59.9
6950	-27.0	112.4	-36	-59.9
6960	-27.0	113.0	-37	-59.9

6970	-26.4	113.6	-37	-59.6
6980	-26.4	114.2	-38	-60.1
6990	-26.4	114.8	-38	-59.9
7000	-26.6	115.4	-39	-59.6
7010	-26.2	116.0	-40	-59.9
7020	-25.6	116.6	-40	-59.9
7030	-25.0	117.1	-41	-59.9
7040	-24.4	117.7	-41	-53.5
7050	-30.5	118.2	-42	-44.4
7060	-31.7	118.7	-42	-43.9
7070	-26.7	119.0	-43	-35.1
7080	-23.2	119.3	-43	-27.9
7090	-23.7	119.5	-43	-20.4
7100	-23.5	119.7	-43	-14.6
7110	-20.9	119.8	-43	-11.7
7120	-18.8	119.9	-43	-9.3
7130	-17.1	120.0	-44	-7.4
7140	-14.8	120.1	-44	-5.8
7150	-12.2	120.1	-44	-4.5
7160	-10.2	120.2	-44	-3.4
7170	-7.9	120.2	-44	-2.9
7180	-5.3	120.2	-44	-2.1
7190	-3.1	120.2	-44	-1.5
7200	-1.8	120.3	-44	-1.3
7210	-1.1	120.3	-44	-0.7
7220	0.0	120.3	-44	-0.5
7230	0.5	120.3	-44	-0.5
7240	0.8	120.3	-44	0.0
7250	0.8	120.3	-44	0.0
7260	1.9	120.3	-44	0.0
7270	13.7	120.3	-44	1.8
7280	5.4	120.2	-44	9.0
7290	0.4	120.1	-44	11.9
7300	7.5	120.0	-44	13.3
7310	8.1	119.8	-43	16.7
7320	5.4	119.6	-43	21.5
7330	6.0	119.4	-43	25.2
7340	7.9	119.2	-43	28.7
7350	7.1	118.9	-42	33.5
7360	6.9	118.5	-42	37.8
7370	7.1	118.2	-42	42.3
7380	6.8	117.7	-41	46.3
7390	7.5	117.3	-41	46.0
7400	8.3	116.8	-40	50.3
7410	7.9	116.3	-40	54.8
7420	7.2	115.7	-39	59.6
7430	10.0	115.1	-39	60.6
7440	11.8	114.5	-38	60.9
7450	11.0	113.9	-37	60.6
7460	10.6	113.3	-37	60.6
7470	11.1	112.6	-36	60.6
7480	11.5	112.0	-36	60.9
7490	12.2	111.4	-35	60.9
7500	12.2	110.8	-34	60.9

7510	12.1	110.2	-34	60.6
7520	12.2	109.6	-33	60.9
7530	12.7	109.0	-33	60.9
7540	12.7	108.4	-32	60.9
7550	12.9	107.8	-31	60.9
7560	12.9	107.2	-31	61.2
7570	13.2	106.5	-30	60.9
7580	13.4	105.9	-29	60.9
7590	13.6	105.3	-29	60.9
7600	13.2	104.7	-28	60.9
7610	13.3	104.1	-28	61.2
7620	13.6	103.5	-27	61.2
7630	13.7	102.9	-26	61.2
7640	13.3	102.3	-26	60.9
7650	13.0	101.7	-25	60.9
7660	13.3	101.1	-25	60.9
7670	13.4	100.4	-24	61.2
7680	13.3	99.8	-23	60.9
7690	13.4	99.2	-23	60.9
7700	13.0	98.6	-22	61.2
7710	12.9	98.0	-22	60.9
7720	12.9	97.4	-21	60.9
7730	12.5	96.8	-20	60.9
7740	12.1	96.2	-20	60.9
7750	11.8	95.6	-19	60.9
7760	11.5	95.0	-19	60.9
7770	10.8	94.3	-18	60.9
7780	10.8	93.7	-17	60.9
7790	10.8	93.1	-17	60.9
7800	10.7	92.5	-16	60.6
7810	10.7	91.9	-15	60.6
7820	10.7	91.3	-15	60.6
7830	10.6	90.7	-14	60.9
7840	11.0	90.1	-14	60.9
7850	11.1	89.5	-13	60.9
7860	11.1	88.9	-12	60.9
7870	11.0	88.3	-12	60.9
7880	11.3	87.6	-11	60.6
7890	11.4	87.0	-11	60.9
7900	11.7	86.4	-10	60.9
7910	11.4	85.8	-9	60.9
7920	11.7	85.2	-9	60.9
7930	11.9	84.6	-8	60.9
7940	11.9	84.0	-8	60.9
7950	11.8	83.4	-7	60.9
7960	12.2	82.8	-6	61.2
7970	11.9	82.2	-6	60.9
7980	12.1	81.6	-5	60.9
7990	12.1	80.9	-4	60.9
8000	12.1	80.3	-4	60.9
8010	12.1	79.7	-3	60.9
8020	12.2	79.1	-3	60.9
8030	12.1	78.5	-2	60.6
8040	12.1	77.9	-1	60.9

8050	12.5	77.3	-1	60.9
8060	12.3	76.7	0	60.9
8070	12.2	76.1	0	60.9
8080	12.6	75.5	1	60.9
8090	12.5	74.8	2	60.9
8100	11.9	74.2	2	60.9
8110	11.9	73.6	3	60.6
8120	11.7	73.0	3	60.9
8130	11.5	72.4	4	60.9
8140	11.4	71.8	5	60.9
8150	11.1	71.2	5	60.6
8160	10.8	70.6	6	60.9
8170	10.8	70.0	6	60.9
8180	10.8	69.4	7	60.9
8190	10.4	68.7	8	60.6
8200	9.9	68.1	8	60.6
8210	9.9	67.5	9	60.6
8220	10.0	66.9	10	60.9
8230	9.8	66.3	10	60.6
8240	9.2	65.7	11	54.5
8250	14.6	65.2	11	48.1
8260	17.6	64.7	12	40.1
8270	14.1	64.3	12	31.6
8280	12.6	64.0	12	27.9
8290	13.3	63.8	13	19.9
8300	11.7	63.6	13	19.7
8310	11.1	63.5	13	14.1
8320	10.2	63.3	13	10.1
8330	7.6	63.2	13	9.8
8340	6.6	63.2	13	6.9
8350	5.8	63.1	13	4.7
8360	3.9	63.1	13	5.0
8370	3.0	63.0	13	3.4
8380	2.3	63.0	13	2.3
8390	1.2	63.0	13	2.1
8400	0.0	63.0	13	2.1
8410	-0.4	62.9	14	2.1
8420	-0.9	62.9	14	1.8
8430	-1.2	62.9	14	1.0
8440	-12.1	62.9	14	-0.2
8450	-11.4	62.9	14	-2.6
8460	-5.7	63.0	13	-5.5
8470	-3.9	63.0	13	-7.9
8480	-11.5	63.2	13	-10.9
8490	-10.2	63.3	13	-15.9
8500	-6.6	63.5	13	-21.0
8510	-10.3	63.8	13	-24.2
8520	-12.2	64.1	12	-29.2
8530	-9.6	64.5	12	-35.1
8540	-9.9	64.9	12	-39.9
8550	-13.4	65.4	11	-44.9
8560	-12.7	66.0	10	-56.4
8570	-16.5	66.5	10	-57.2
8580	-19.1	67.1	9	-58.0

8590	-18.4	67.7	9	-58.5
8600	-18.0	68.3	8	-58.8
8610	-19.0	68.9	8	-59.3
8620	-20.3	69.5	7	-59.3
8630	-20.3	70.1	6	-59.3
8640	-20.9	70.7	6	-59.3
8650	-21.0	71.3	5	-59.3
8660	-21.0	71.9	5	-59.6
8670	-21.6	72.4	4	-59.3
8680	-21.8	73.0	3	-59.3
8690	-21.8	73.6	3	-59.3
8700	-22.1	74.2	2	-59.3
8710	-22.5	74.8	2	-59.6
8720	-22.9	75.4	1	-59.6
8730	-23.2	76.0	0	-59.3
8740	-23.1	76.6	0	-59.6
8750	-23.5	77.2	-1	-59.6
8760	-24.1	77.8	-1	-59.6
8770	-24.5	78.4	-2	-59.3
8780	-24.4	79.0	-3	-59.6
8790	-24.3	79.6	-3	-59.9
8800	-24.4	80.2	-4	-59.6
8810	-24.3	80.8	-4	-59.6
8820	-24.3	81.4	-5	-59.3
8830	-24.0	82.0	-6	-59.6
8840	-24.4	82.6	-6	-59.6
8850	-24.7	83.2	-7	-59.6
8860	-24.8	83.8	-7	-59.6
8870	-24.7	84.4	-8	-59.3
8880	-25.0	85.0	-9	-59.6
8890	-25.5	85.5	-9	-59.6
8900	-26.0	86.1	-10	-59.6
8910	-26.2	86.7	-10	-59.6
8920	-25.6	87.3	-11	-59.6
8930	-26.0	87.9	-11	-59.9
8940	-26.8	88.5	-12	-59.6
8950	-27.1	89.1	-13	-59.6
8960	-26.8	89.7	-13	-59.9
8970	-27.0	90.3	-14	-59.9
8980	-27.5	90.9	-14	-59.9
8990	-27.8	91.5	-15	-59.9
9000	-27.9	92.1	-16	-59.9
9010	-27.5	92.7	-16	-59.9
9020	-27.9	93.3	-17	-59.9
9030	-28.3	93.9	-17	-59.9
9040	-28.3	94.5	-18	-59.9
9050	-27.9	95.1	-19	-59.9
9060	-28.3	95.7	-19	-59.9
9070	-28.6	96.3	-20	-59.9
9080	-28.9	96.9	-20	-59.6
9090	-28.9	97.5	-21	-59.9
9100	-28.5	98.1	-22	-60.1
9110	-28.7	98.7	-22	-59.9
9120	-29.0	99.3	-23	-59.9

9130	-29.2	99.9	-23	-59.9
9140	-28.7	100.5	-24	-59.9
9150	-28.7	101.1	-25	-59.9
9160	-28.6	101.7	-25	-59.9
9170	-29.0	102.3	-26	-59.9
9180	-28.6	102.9	-26	-59.6
9190	-28.9	103.5	-27	-59.9
9200	-28.9	104.1	-28	-59.9
9210	-29.0	104.7	-28	-59.9
9220	-28.9	105.3	-29	-59.9
9230	-28.6	105.9	-29	-59.9
9240	-28.9	106.5	-30	-60.1
9250	-29.0	107.1	-31	-59.9
9260	-28.9	107.7	-31	-59.9
9270	-28.7	108.3	-32	-60.1
9280	-28.7	108.9	-32	-60.1
9290	-28.7	109.5	-33	-59.9
9300	-29.0	110.1	-34	-59.9
9310	-28.6	110.7	-34	-59.9
9320	-28.2	111.3	-35	-59.9
9330	-28.1	111.9	-35	-59.9
9340	-28.2	112.5	-36	-59.9
9350	-28.1	113.1	-37	-59.9
9360	-27.7	113.7	-37	-59.9
9370	-27.4	114.3	-38	-59.9
9380	-27.1	114.9	-38	-59.6
9390	-27.0	115.5	-39	-59.6
9400	-26.3	116.1	-40	-59.6
9410	-26.0	116.7	-40	-59.9
9420	-25.8	117.3	-41	-59.9
9430	-25.9	117.8	-41	-53.5
9440	-33.1	118.3	-42	-42.5
9450	-33.5	118.8	-42	-42.0
9460	-27.8	119.1	-43	-33.5
9470	-25.5	119.3	-43	-26.6
9480	-26.0	119.5	-43	-19.7
9490	-25.5	119.7	-43	-13.8
9500	-23.2	119.8	-43	-11.1
9510	-21.3	119.9	-43	-8.7
9520	-19.1	120.0	-44	-6.9
9530	-17.5	120.1	-44	-5.3
9540	-16.0	120.1	-44	-3.9
9550	-14.4	120.2	-44	-3.4
9560	-12.6	120.2	-44	-2.6
9570	-10.3	120.2	-44	-1.8
9580	-7.9	120.3	-44	-1.3
9590	-4.5	120.3	-44	-1.0
9600	-1.9	120.3	-44	-0.5
9610	-0.9	120.3	-44	-0.2
9620	-0.3	120.3	-44	-0.2
9630	0.5	120.3	-44	-0.2
9640	0.8	120.3	-44	0.0
9650	0.8	120.3	-44	0.2
9660	0.9	120.3	-44	0.2

9670	8.9	120.3	-44	1.0
9680	8.5	120.2	-44	6.1
9690	2.2	120.1	-44	10.9
9700	1.9	120.0	-44	12.7
9710	9.9	119.9	-43	14.1
9720	7.2	119.7	-43	19.4
9730	5.2	119.5	-43	24.2
9740	7.3	119.3	-43	27.4
9750	7.9	119.0	-43	31.4
9760	7.1	118.7	-42	36.2
9770	7.2	118.3	-42	40.7
9780	6.9	117.9	-41	45.2
9790	7.7	117.5	-41	49.5
9800	8.5	117.0	-41	49.2
9810	7.3	116.5	-40	54.0
9820	7.2	115.9	-39	58.3
9830	9.1	115.3	-39	60.9
9840	11.1	114.7	-38	60.9
9850	10.3	114.1	-38	60.9
9860	9.4	113.5	-37	60.9
9870	9.6	112.9	-36	60.6
9880	10.4	112.3	-36	60.9
9890	10.6	111.6	-35	60.9
9900	10.8	111.0	-35	60.9
9910	10.8	110.4	-34	60.9
9920	10.8	109.8	-33	60.9
9930	11.1	109.2	-33	60.9
9940	11.4	108.6	-32	60.9
9950	11.4	108.0	-32	60.9
9960	11.5	107.4	-31	60.9
9970	11.4	106.8	-30	60.9
9980	11.8	106.2	-30	60.9
9990	11.9	105.6	-29	60.9
10000	11.9	104.9	-28	60.9
10010	11.7	104.3	-28	60.9
10020	12.1	103.7	-27	60.9
10030	12.5	103.1	-27	60.9
10040	12.3	102.5	-26	60.9
10050	12.1	101.9	-25	60.9
10060	12.7	101.3	-25	61.2
10070	13.0	100.7	-24	60.9
10080	12.2	100.1	-24	60.9
10090	12.6	99.5	-23	60.9
10100	12.7	98.8	-22	61.2
10110	12.7	98.2	-22	60.9
10120	12.5	97.6	-21	60.9
10130	12.3	97.0	-21	60.9
10140	12.1	96.4	-20	61.2
10150	12.5	95.8	-19	60.9
10160	12.7	95.2	-19	60.6
10170	12.6	94.6	-18	60.9
10180	12.6	94.0	-18	60.9
10190	13.0	93.4	-17	61.2
10200	12.7	92.7	-16	60.9

10210	13.2	92.1	-16	60.9
10220	12.7	91.5	-15	60.9
10230	12.6	90.9	-14	61.2
10240	12.9	90.3	-14	60.9
10250	13.2	89.7	-13	60.9
10260	12.9	89.1	-13	60.9
10270	12.9	88.5	-12	61.2
10280	12.7	87.9	-11	60.9
10290	13.3	87.2	-11	61.2
10300	13.3	86.6	-10	60.9
10310	12.9	86.0	-10	60.9
10320	12.6	85.4	-9	61.2
10330	13.4	84.8	-8	60.9
10340	13.3	84.2	-8	60.9
10350	13.2	83.6	-7	61.2
10360	13.0	83.0	-7	61.2
10370	13.0	82.4	-6	61.2
10380	12.7	81.8	-5	60.9
10390	13.4	81.1	-5	60.9
10400	13.2	80.5	-4	60.9
10410	12.9	79.9	-3	60.9
10420	13.3	79.3	-3	61.2
10430	13.4	78.7	-2	60.9
10440	13.0	78.1	-2	61.2
10450	13.2	77.5	-1	60.9
10460	13.0	76.9	0	60.9
10470	12.9	76.3	0	60.9
10480	12.9	75.6	1	61.2
10490	12.6	75.0	1	61.2
10500	12.5	74.4	2	61.2
10510	12.9	73.8	3	60.9
10520	12.6	73.2	3	60.9
10530	12.3	72.6	4	61.2
10540	12.3	72.0	4	60.9
10550	12.3	71.4	5	60.9
10560	12.3	70.8	6	60.9
10570	11.9	70.2	6	60.9
10580	11.8	69.5	7	60.9
10590	11.3	68.9	8	60.9
10600	10.8	68.3	8	60.9
10610	10.6	67.7	9	60.6
10620	10.6	67.1	9	60.9
10630	10.6	66.5	10	60.9
10640	10.3	65.9	11	60.6
10650	12.3	65.3	11	51.1
10660	18.0	64.8	12	42.5
10670	16.1	64.4	12	41.7
10680	12.5	64.1	12	30.0
10690	12.6	63.9	13	21.2
10700	12.6	63.7	13	19.1
10710	11.8	63.5	13	13.5
10720	10.4	63.4	13	11.9
10730	8.0	63.3	13	8.5
10740	7.1	63.2	13	8.2

10750	6.5	63.1	13	6.1
10760	5.2	63.1	13	4.2
10770	3.9	63.0	13	3.9
10780	3.4	63.0	13	3.1
10790	2.6	63.0	13	2.3
10800	1.8	63.0	13	2.3
10810	0.9	62.9	14	2.3
10820	0.4	62.9	14	2.6
10830	0.9	62.9	14	0.5
10840	-0.4	62.9	14	0.0
10850	-0.8	62.9	14	0.5
10860	-1.1	62.9	14	0.7
10870	-1.2	62.9	14	0.5
10880	-8.8	62.9	14	-0.2
10890	-9.9	62.9	14	-2.1
10900	-4.5	62.9	14	-3.9
10910	-3.1	63.0	13	-6.3
10920	-10.3	63.1	13	-8.2
10930	-8.8	63.2	13	-12.7
10940	-6.9	63.4	13	-21.0
10950	-9.8	63.6	13	-25.2
10960	-11.1	63.9	13	-31.1
10970	-8.8	64.2	12	-37.5
10980	-9.2	64.6	12	-42.8
10990	-11.7	65.0	11	-48.4
11000	-10.7	65.5	11	-55.1
11010	-10.2	66.0	10	-61.4
11020	-15.5	66.6	10	-56.9
11030	-17.9	67.2	9	-57.2
11040	-15.9	67.8	9	-58.0
11050	-15.7	68.3	8	-58.5
11060	-17.5	68.9	8	-59.1
11070	-18.4	69.5	7	-59.3
11080	-18.3	70.1	6	-59.3
11090	-19.1	70.7	6	-59.3
11100	-18.6	71.3	5	-59.6
11110	-18.7	71.9	5	-59.6
11120	-19.0	72.5	4	-59.3
11130	-19.3	73.1	3	-59.3
11140	-19.0	73.7	3	-59.3
11150	-19.3	74.3	2	-59.6
11160	-19.7	74.9	2	-59.3
11170	-19.8	75.5	1	-59.3
11180	-20.1	76.1	0	-59.3
11190	-20.2	76.7	0	-59.3
11200	-20.2	77.3	-1	-59.6
11210	-20.5	77.8	-1	-59.3
11220	-20.6	78.4	-2	-59.6
11230	-20.5	79.0	-3	-59.3
11240	-20.6	79.6	-3	-59.6
11250	-20.9	80.2	-4	-59.6
11260	-20.7	80.8	-4	-59.6
11270	-20.9	81.4	-5	-59.3
11280	-21.0	82.0	-6	-59.6

11290	-21.2	82.6	-6	-59.6
11300	-21.2	83.2	-7	-59.6
11310	-21.0	83.8	-7	-59.6
11320	-20.9	84.4	-8	-59.6
11330	-20.6	85.0	-9	-59.6
11340	-20.9	85.6	-9	-59.3
11350	-21.2	86.2	-10	-59.6
11360	-21.3	86.8	-10	-59.6
11370	-20.9	87.4	-11	-59.6
11380	-21.7	88.0	-12	-59.9
11390	-22.4	88.6	-12	-59.6
11400	-22.4	89.2	-13	-59.6
11410	-22.2	89.8	-13	-59.6
11420	-22.9	90.4	-14	-59.9
11430	-23.5	91.0	-15	-59.9
11440	-23.6	91.6	-15	-59.6
11450	-23.9	92.2	-16	-59.6
11460	-23.9	92.7	-16	-59.6
11470	-24.5	93.3	-17	-59.9
11480	-24.8	93.9	-17	-59.6
11490	-25.0	94.5	-18	-59.6
11500	-24.4	95.1	-19	-59.9
11510	-24.7	95.7	-19	-59.9
11520	-25.0	96.3	-20	-59.9
11530	-24.8	96.9	-20	-59.6
11540	-24.7	97.5	-21	-59.6
11550	-24.4	98.1	-22	-59.9
11560	-24.5	98.7	-22	-59.9
11570	-24.5	99.3	-23	-59.9
11580	-24.7	99.9	-23	-59.6
11590	-24.5	100.5	-24	-59.9
11600	-24.5	101.1	-25	-59.9
11610	-24.7	101.7	-25	-59.6
11620	-25.0	102.3	-26	-59.6
11630	-24.5	102.9	-26	-59.6
11640	-24.5	103.5	-27	-59.9
11650	-24.5	104.1	-28	-59.9
11660	-24.8	104.7	-28	-59.6
11670	-24.3	105.3	-29	-59.6
11680	-24.1	105.9	-29	-59.9
11690	-24.7	106.5	-30	-59.9
11700	-24.5	107.1	-31	-59.9
11710	-24.0	107.7	-31	-59.6
11720	-23.5	108.3	-32	-59.6
11730	-23.1	108.9	-32	-59.9
11740	-22.9	109.5	-33	-59.6
11750	-23.3	110.1	-34	-59.6
11760	-22.5	110.7	-34	-59.6
11770	-21.8	111.3	-35	-59.6
11780	-21.8	111.9	-35	-59.6
11790	-22.0	112.5	-36	-59.3
11800	-21.6	113.1	-37	-59.3
11810	-20.9	113.7	-37	-59.6
11820	-20.9	114.3	-38	-59.6

11830	-20.6	114.9	-38	-59.6
11840	-20.3	115.5	-39	-59.6
11850	-19.4	116.0	-40	-59.6
11860	-18.8	116.6	-40	-59.3
11870	-18.2	117.2	-41	-59.6
11880	-18.3	117.8	-41	-52.4
11890	-25.2	118.3	-42	-42.3
11900	-25.2	118.7	-42	-34.6
11910	-19.1	119.0	-43	-27.4
11920	-16.8	119.3	-43	-22.0
11930	-17.9	119.5	-43	-17.5
11940	-16.1	119.7	-43	-14.6
11950	-12.3	119.8	-43	-11.1
11960	-9.8	119.9	-43	-8.7
11970	-7.9	120.0	-44	-6.9
11980	-5.4	120.1	-44	-5.5
11990	-3.1	120.1	-44	-3.9
12000	-2.7	120.1	-44	-3.1
12010	-2.0	120.2	-44	-2.6
12020	-0.7	120.2	-44	-2.6
12030	-0.1	120.2	-44	-2.1
12040	0.0	120.2	-44	-1.5
12050	0.5	120.3	-44	-1.3
12060	0.8	120.3	-44	-0.7
12070	0.8	120.3	-44	-0.2
12080	4.1	120.3	-44	0.2
12090	12.5	120.2	-44	2.3
12100	3.7	120.2	-44	9.3
12110	0.5	120.1	-44	11.7
12120	8.7	120.0	-44	12.5
12130	6.6	119.8	-43	16.5
12140	3.7	119.6	-43	20.7
12150	5.7	119.4	-43	23.4
12160	6.8	119.2	-43	26.6
12170	5.3	118.9	-42	30.3
12180	6.1	118.6	-42	33.8
12190	6.8	118.3	-42	37.5
12200	6.1	117.9	-41	41.7
12210	7.1	117.5	-41	45.5
12220	7.6	117.1	-41	45.5
12230	6.8	116.6	-40	49.5
12240	7.3	116.1	-40	53.5
12250	7.9	115.5	-39	57.7
12260	8.0	114.9	-38	60.6
12270	11.0	114.3	-38	60.9
12280	11.7	113.7	-37	60.9
12290	10.7	113.1	-37	60.9
12300	11.1	112.5	-36	60.9
12310	11.9	111.8	-35	60.9
12320	11.9	111.2	-35	60.9
12330	12.1	110.6	-34	60.6
12340	11.5	110.0	-34	60.9
12350	11.3	109.4	-33	60.9
12360	11.4	108.8	-32	60.9

12370	11.5	108.2	-32	60.6
12380	11.5	107.6	-31	60.9
12390	11.4	107.0	-31	60.9
12400	11.5	106.4	-30	60.9
12410	11.9	105.7	-29	60.9
12420	11.5	105.1	-29	60.9
12430	11.4	104.5	-28	61.2
12440	11.3	103.9	-27	60.9
12450	11.0	103.3	-27	60.9
12460	10.6	102.7	-26	60.6
12470	10.0	102.1	-26	60.9
12480	10.2	101.5	-25	60.9
12490	9.8	100.9	-24	60.6
12500	9.8	100.3	-24	60.6
12510	9.9	99.7	-23	60.6
12520	9.9	99.0	-23	60.9
12530	9.6	98.4	-22	60.9
12540	9.4	97.8	-21	60.9
12550	9.6	97.2	-21	60.6
12560	9.5	96.6	-20	60.9
12570	9.1	96.0	-20	60.6
12580	9.5	95.4	-19	60.6
12590	9.5	94.8	-18	60.6
12600	9.6	94.2	-18	60.9
12610	9.8	93.6	-17	60.6
12620	10.2	93.0	-17	60.9
12630	10.0	92.4	-16	60.9
12640	10.3	91.7	-15	60.6
12650	9.8	91.1	-15	60.6
12660	10.2	90.5	-14	60.6
12670	10.4	89.9	-13	60.6
12680	10.4	89.3	-13	60.6
12690	9.9	88.7	-12	60.6
12700	10.3	88.1	-12	60.9
12710	10.2	87.5	-11	60.9
12720	10.0	86.9	-10	60.6
12730	10.0	86.3	-10	60.9
12740	9.9	85.7	-9	60.9
12750	9.9	85.1	-9	60.9
12760	9.9	84.4	-8	60.9
12770	9.6	83.8	-7	60.9
12780	9.9	83.2	-7	60.6
12790	10.2	82.6	-6	60.9
12800	10.3	82.0	-6	60.6
12810	10.3	81.4	-5	60.9
12820	10.4	80.8	-4	60.9
12830	10.6	80.2	-4	60.9
12840	10.8	79.6	-3	60.6
12850	10.7	79.0	-3	60.9
12860	10.6	78.4	-2	60.9
12870	10.6	77.7	-1	60.9
12880	10.8	77.1	-1	60.9
12890	11.0	76.5	0	60.9
12900	11.1	75.9	1	60.9

12910	11.3	75.3	1	60.9
12920	10.7	74.7	2	61.2
12930	10.6	74.1	2	60.9
12940	10.6	73.5	3	60.6
12950	11.0	72.9	4	60.9
12960	10.2	72.3	4	60.9
12970	10.0	71.7	5	60.9
12980	9.8	71.0	5	60.6
12990	9.9	70.4	6	60.9
13000	9.4	69.8	7	60.6
13010	9.4	69.2	7	60.6
13020	9.1	68.6	8	60.6
13030	8.5	68.0	8	60.6
13040	7.9	67.4	9	60.9
13050	7.5	66.8	10	60.6
13060	6.5	66.2	10	60.4
13070	6.1	65.6	11	54.3
13080	12.1	65.1	11	46.0
13090	13.2	64.6	12	37.5
13100	8.7	64.3	12	36.4
13110	8.5	64.0	12	26.6
13120	8.9	63.8	13	19.1
13130	7.6	63.6	13	18.9
13140	6.5	63.4	13	13.5
13150	5.3	63.3	13	9.5
13160	3.3	63.2	13	9.5
13170	3.0	63.2	13	6.6
13180	2.8	63.1	13	5.0
13190	2.2	63.1	13	3.9
13200	1.8	63.0	13	3.1
13210	1.4	63.0	13	3.1
13220	0.5	63.0	13	2.6
13230	0.0	62.9	14	2.3
13240	0.0	62.9	14	2.3
13250	-0.5	62.9	14	1.3
13260	-0.9	62.9	14	0.5
13270	-1.2	62.9	14	1.5
13280	-9.9	62.9	14	0.2
13290	-9.9	62.9	14	-2.1
13300	-4.1	62.9	14	-3.9
13310	-3.8	63.0	13	-5.8
13320	-9.4	63.1	13	-7.7
13330	-8.0	63.2	13	-11.9
13340	-6.4	63.3	13	-19.4
13350	-9.1	63.6	13	-23.4
13360	-10.2	63.8	13	-29.0
13370	-8.7	64.1	12	-34.8
13380	-9.5	64.5	12	-40.1
13390	-11.3	64.9	12	-46.0
13400	-10.7	65.3	11	-52.4
13410	-10.2	65.9	11	-58.8
13420	-13.7	66.4	10	-56.9
13430	-17.4	67.0	9	-57.2
13440	-16.5	67.6	9	-57.7

13450	-14.9	68.2	8	-58.5
13460	-17.2	68.7	8	-59.1
13470	-17.8	69.3	7	-59.3
13480	-18.8	69.9	7	-59.1
13490	-18.6	70.5	6	-59.3
13500	-18.6	71.1	5	-59.3
13510	-19.0	71.7	5	-59.6
13520	-19.0	72.3	4	-59.6
13530	-19.0	72.9	4	-59.3
13540	-18.4	73.5	3	-59.3
13550	-18.8	74.1	2	-59.6
13560	-19.1	74.7	2	-59.6
13570	-19.7	75.3	1	-59.3
13580	-19.9	75.9	1	-59.1
13590	-20.3	76.5	0	-59.3
13600	-20.7	77.1	-1	-59.3
13610	-21.4	77.7	-1	-59.6
13620	-21.3	78.2	-2	-59.6
13630	-21.2	78.8	-2	-59.6
13640	-21.3	79.4	-3	-59.3
13650	-21.3	80.0	-4	-59.6
13660	-21.4	80.6	-4	-59.6
13670	-21.6	81.2	-5	-59.6
13680	-21.8	81.8	-5	-59.6
13690	-22.1	82.4	-6	-59.6
13700	-22.4	83.0	-7	-59.6
13710	-22.6	83.6	-7	-59.6
13720	-22.8	84.2	-8	-59.6
13730	-22.6	84.8	-8	-59.6
13740	-22.9	85.4	-9	-59.9
13750	-22.9	86.0	-10	-59.3
13760	-22.9	86.6	-10	-59.6
13770	-22.6	87.2	-11	-59.6
13780	-22.6	87.8	-11	-59.6
13790	-23.1	88.4	-12	-59.6
13800	-22.8	89.0	-13	-59.6
13810	-22.5	89.6	-13	-59.6
13820	-22.2	90.2	-14	-59.9
13830	-22.6	90.8	-14	-59.9
13840	-23.1	91.4	-15	-59.6
13850	-23.1	92.0	-16	-59.6
13860	-23.1	92.6	-16	-59.6
13870	-22.9	93.2	-17	-59.6
13880	-23.9	93.8	-17	-59.6
13890	-24.0	94.4	-18	-59.6
13900	-23.9	95.0	-19	-59.9
13910	-24.0	95.6	-19	-59.9
13920	-24.4	96.2	-20	-59.6
13930	-24.5	96.8	-20	-59.6
13940	-24.5	97.3	-21	-59.6
13950	-24.1	97.9	-21	-59.9
13960	-24.3	98.5	-22	-59.9
13970	-24.7	99.1	-23	-59.6
13980	-24.8	99.7	-23	-59.9

13990	-24.5	100.3	-24	-59.9
14000	-24.3	100.9	-24	-59.9
14010	-24.4	101.5	-25	-59.9
14020	-24.3	102.1	-26	-59.9
14030	-24.4	102.7	-26	-59.6
14040	-24.0	103.3	-27	-59.9
14050	-24.4	103.9	-27	-59.6
14060	-24.7	104.5	-28	-59.9
14070	-24.3	105.1	-29	-59.9
14080	-24.0	105.7	-29	-59.9
14090	-24.5	106.3	-30	-59.9
14100	-24.8	106.9	-30	-59.9
14110	-24.8	107.5	-31	-59.9
14120	-24.7	108.1	-32	-59.9
14130	-24.7	108.7	-32	-59.9
14140	-25.1	109.3	-33	-59.9
14150	-25.5	109.9	-33	-59.9
14160	-25.8	110.5	-34	-59.9
14170	-25.4	111.1	-35	-59.9
14180	-26.0	111.7	-35	-59.9
14190	-26.2	112.3	-36	-59.9
14200	-26.2	112.9	-36	-59.6
14210	-26.0	113.5	-37	-59.9
14220	-25.6	114.1	-38	-59.9
14230	-26.0	114.7	-38	-59.9
14240	-26.2	115.3	-39	-59.6
14250	-26.0	115.9	-39	-59.9
14260	-25.6	116.5	-40	-59.9
14270	-25.6	117.1	-41	-59.9
14280	-25.6	117.7	-41	-54.0
14290	-31.6	118.2	-42	-45.7
14300	-34.3	118.7	-42	-40.7
14310	-30.1	119.0	-43	-36.2
14320	-25.5	119.3	-43	-28.4
14330	-25.6	119.5	-43	-22.6
14340	-25.2	119.7	-43	-18.3
14350	-22.5	119.8	-43	-14.3
14360	-19.7	119.9	-43	-11.4
14370	-17.8	120.0	-44	-9.0
14380	-16.1	120.1	-44	-6.9
14390	-14.1	120.1	-44	-5.5
14400	-12.5	120.2	-44	-4.2
14410	-11.1	120.2	-44	-3.4
14420	-9.5	120.2	-44	-2.6
14430	-7.5	120.2	-44	-1.8
14440	-4.9	120.3	-44	-1.5
14450	-2.6	120.3	-44	-0.7
14460	-1.1	120.3	-44	-0.5
14470	-0.5	120.3	-44	-0.5
14480	0.0	120.3	-44	-0.5
14490	0.5	120.3	-44	-0.2
14500	0.8	120.3	-44	0.0
14510	0.8	120.3	-44	0.2
14520	1.5	120.3	-44	0.5

14530	12.5	120.3	-44	2.1
14540	5.7	120.2	-44	6.9
14550	0.0	120.1	-44	9.0
14560	5.0	120.0	-44	9.8
14570	8.7	119.9	-43	11.9
14580	4.5	119.7	-43	15.9
14590	4.6	119.5	-43	18.3
14600	6.9	119.3	-43	25.5
14610	6.2	119.0	-43	29.2
14620	5.8	118.7	-42	33.0
14630	6.0	118.4	-42	36.7
14640	6.4	118.1	-42	40.4
14650	6.9	117.7	-41	36.2
14660	7.1	117.2	-41	43.9
14670	6.9	116.8	-40	47.6
14680	6.8	116.3	-40	51.6
14690	6.5	115.7	-39	55.6
14700	6.0	115.1	-39	59.3
14710	8.1	114.5	-38	60.6
14720	10.4	113.9	-37	60.9
14730	9.6	113.3	-37	60.6
14740	8.8	112.7	-36	60.6
14750	9.9	112.1	-36	60.9
14760	10.6	111.5	-35	60.6
14770	10.6	110.9	-34	60.6
14780	10.4	110.3	-34	60.6
14790	10.4	109.7	-33	60.9
14800	10.7	109.0	-33	60.6
14810	10.7	108.4	-32	60.9
14820	10.8	107.8	-31	60.9
14830	10.7	107.2	-31	60.6
14840	10.8	106.6	-30	60.9
14850	11.3	106.0	-30	60.9
14860	11.4	105.4	-29	60.6
14870	11.4	104.8	-28	60.9
14880	11.5	104.2	-28	61.2
14890	11.9	103.6	-27	60.9
14900	11.8	102.9	-26	60.9
14910	11.5	102.3	-26	60.9
14920	11.3	101.7	-25	61.2
14930	11.7	101.1	-25	60.9
14940	11.7	100.5	-24	60.9
14950	11.1	99.9	-23	60.9
14960	11.3	99.3	-23	60.9
14970	11.5	98.7	-22	60.9
14980	10.8	98.1	-22	60.9
14990	11.0	97.5	-21	60.9
15000	11.3	96.9	-20	60.9
15010	11.5	96.2	-20	61.2
15020	11.9	95.6	-19	60.9
15030	12.2	95.0	-19	60.6
15040	11.8	94.4	-18	60.9
15050	12.1	93.8	-17	60.9
15060	12.1	93.2	-17	60.9

15070	12.2	92.6	-16	60.9
15080	12.2	92.0	-16	60.9
15090	12.2	91.4	-15	60.9
15100	12.2	90.8	-14	60.9
15110	12.7	90.1	-14	60.9
15120	13.2	89.5	-13	60.9
15130	13.0	88.9	-12	60.9
15140	13.2	88.3	-12	60.9
15150	13.0	87.7	-11	60.9
15160	12.7	87.1	-11	60.9
15170	12.6	86.5	-10	60.9
15180	12.1	85.9	-9	61.2
15190	11.9	85.3	-9	61.2
15200	12.2	84.7	-8	60.9
15210	12.3	84.0	-8	60.9
15220	11.9	83.4	-7	60.9
15230	11.9	82.8	-6	60.9
15240	11.9	82.2	-6	60.9
15250	11.8	81.6	-5	60.9
15260	11.5	81.0	-5	60.9
15270	10.8	80.4	-4	60.9
15280	10.7	79.8	-3	60.6
15290	11.0	79.2	-3	60.9
15300	10.7	78.6	-2	60.9
15310	10.6	78.0	-2	60.9
15320	11.0	77.3	-1	60.9
15330	11.1	76.7	0	60.9
15340	11.1	76.1	0	60.9
15350	11.3	75.5	1	60.9
15360	11.4	74.9	2	60.9
15370	11.1	74.3	2	60.9
15380	10.8	73.7	3	60.9
15390	9.9	73.1	3	60.9
15400	10.7	72.5	4	60.9
15410	10.8	71.9	5	60.9
15420	10.6	71.3	5	60.9
15430	10.6	70.6	6	60.6
15440	10.8	70.0	6	60.9
15450	10.7	69.4	7	60.9
15460	10.6	68.8	8	60.9
15470	10.2	68.2	8	60.9
15480	10.0	67.6	9	60.9
15490	9.8	67.0	9	60.9
15500	9.5	66.4	10	60.9
15510	8.8	65.8	11	60.6
15520	13.4	65.2	11	60.1
15530	17.1	64.8	12	45.5
15540	14.0	64.4	12	32.4
15550	11.9	64.1	12	31.1
15560	12.3	63.8	13	22.8
15570	11.5	63.6	13	16.5
15580	10.7	63.5	13	15.7
15590	9.4	63.3	13	10.3
15600	7.3	63.2	13	10.1

15610	7.2	63.2	13	7.9
15620	6.5	63.1	13	5.8
15630	4.7	63.1	13	3.9
15640	3.7	63.0	13	3.7
15650	3.3	63.0	13	2.9
15660	2.0	63.0	13	2.1
15670	0.5	62.9	14	2.1
15680	0.0	62.9	14	1.8
15690	-0.7	62.9	14	2.3
15700	-0.9	62.9	14	0.7
15710	-1.6	62.9	14	0.5
15720	-15.6	62.9	14	-0.7
15730	-9.1	62.9	14	-3.9
15740	-3.5	63.0	13	-6.3
15750	-7.1	63.1	13	-7.9
15760	-11.4	63.2	13	-11.4
15770	-9.4	63.3	13	-17.0
15780	-8.3	63.6	13	-21.5
15790	-11.1	63.8	13	-25.8
15800	-11.7	64.2	12	-31.1
15810	-11.0	64.6	12	-36.7
15820	-11.8	65.0	11	-42.3
15830	-12.7	65.5	11	-48.1
15840	-15.3	66.1	10	-57.2
15850	-18.4	66.7	10	-58.0
15860	-18.8	67.3	9	-58.5
15870	-17.9	67.9	9	-58.8
15880	-18.4	68.5	8	-59.1
15890	-19.4	69.1	7	-59.6
15900	-20.6	69.7	7	-59.3
15910	-20.2	70.3	6	-59.3
15920	-20.7	70.9	6	-59.6
15930	-20.5	71.4	5	-59.6
15940	-20.7	72.0	4	-59.6
15950	-21.2	72.6	4	-59.3
15960	-21.3	73.2	3	-59.3
15970	-21.2	73.8	3	-59.3
15980	-21.6	74.4	2	-59.6
15990	-21.8	75.0	1	-59.6
16000	-22.1	75.6	1	-59.6
16010	-22.1	76.2	0	-59.3
16020	-22.4	76.8	0	-59.3
16030	-22.5	77.4	-1	-59.6
16040	-22.8	78.0	-2	-59.6
16050	-22.8	78.6	-2	-59.3
16060	-22.4	79.2	-3	-59.3
16070	-22.4	79.8	-3	-59.6
16080	-22.4	80.4	-4	-59.6
16090	-22.6	81.0	-5	-59.6
16100	-22.5	81.6	-5	-59.6
16110	-22.8	82.2	-6	-59.3
16120	-22.8	82.8	-6	-59.6
16130	-22.9	83.4	-7	-59.6
16140	-22.9	84.0	-8	-59.6

16150	-22.8	84.5	-8	-59.6
16160	-22.4	85.1	-9	-59.6
16170	-22.4	85.7	-9	-59.3
16180	-22.5	86.3	-10	-59.3
16190	-22.1	86.9	-10	-59.3
16200	-21.7	87.5	-11	-59.6
16210	-22.0	88.1	-12	-59.6
16220	-22.6	88.7	-12	-59.6
16230	-22.4	89.3	-13	-59.6
16240	-22.1	89.9	-13	-59.6
16250	-22.6	90.5	-14	-59.9
16260	-22.6	91.1	-15	-59.6
16270	-22.5	91.7	-15	-59.6
16280	-22.2	92.3	-16	-59.6
16290	-22.4	92.9	-16	-59.6
16300	-22.6	93.5	-17	-59.6
16310	-23.1	94.1	-18	-59.6
16320	-23.3	94.7	-18	-59.3
16330	-23.2	95.3	-19	-59.6
16340	-23.3	95.9	-19	-59.9
16350	-23.9	96.5	-20	-59.3
16360	-24.0	97.1	-21	-59.3
16370	-23.6	97.6	-21	-59.3
16380	-23.5	98.2	-22	-59.6
16390	-23.6	98.8	-22	-59.6
16400	-23.7	99.4	-23	-59.6
16410	-23.5	100.0	-24	-59.3
16420	-23.6	100.6	-24	-59.6
16430	-23.3	101.2	-25	-59.6
16440	-23.6	101.8	-25	-59.6
16450	-23.7	102.4	-26	-59.6
16460	-23.7	103.0	-27	-59.6
16470	-23.9	103.6	-27	-59.6
16480	-24.1	104.2	-28	-59.6
16490	-24.3	104.8	-28	-59.6
16500	-24.0	105.4	-29	-59.6
16510	-23.9	106.0	-30	-59.6
16520	-24.1	106.6	-30	-59.9
16530	-24.0	107.2	-31	-59.9
16540	-23.7	107.8	-31	-59.6
16550	-23.7	108.4	-32	-59.6
16560	-23.6	109.0	-33	-59.6
16570	-23.7	109.6	-33	-59.6
16580	-23.9	110.2	-34	-59.6
16590	-23.3	110.8	-34	-59.6
16600	-23.2	111.4	-35	-59.6
16610	-23.5	112.0	-36	-59.6
16620	-23.6	112.6	-36	-59.6
16630	-22.8	113.2	-37	-59.6
16640	-22.6	113.8	-37	-59.6
16650	-22.8	114.4	-38	-59.6
16660	-22.8	114.9	-38	-59.6
16670	-22.6	115.5	-39	-59.6
16680	-22.2	116.1	-40	-59.6

16690	-22.0	116.7	-40	-59.6
16700	-21.8	117.3	-41	-59.6
16710	-22.9	117.9	-41	-51.6
16720	-29.7	118.4	-42	-41.5
16730	-29.6	118.8	-42	-41.2
16740	-23.6	119.1	-43	-32.7
16750	-23.2	119.4	-43	-26.0
16760	-23.9	119.5	-43	-17.3
16770	-22.4	119.7	-43	-13.8
16780	-19.8	119.8	-43	-10.9
16790	-19.0	119.9	-43	-8.7
16800	-17.9	120.0	-44	-6.9
16810	-15.9	120.1	-44	-5.5
16820	-13.6	120.1	-44	-4.2
16830	-11.8	120.2	-44	-3.4
16840	-9.6	120.2	-44	-2.6
16850	-6.8	120.2	-44	-1.8
16860	-3.7	120.3	-44	-1.3
16870	-1.8	120.3	-44	-1.0
16880	-0.4	120.3	-44	-0.7
16890	0.4	120.3	-44	-0.5
16900	0.7	120.3	-44	-0.2
16910	0.8	120.3	-44	0.2
16920	0.9	120.3	-44	0.2
16930	9.4	120.3	-44	0.7
16940	9.5	120.2	-44	5.0
16950	2.3	120.1	-44	9.0
16960	1.6	120.0	-44	10.1
16970	10.2	119.9	-43	11.7
16980	6.2	119.8	-43	15.7
16990	4.9	119.5	-43	19.1
17000	8.3	119.3	-43	21.5
17010	7.2	119.0	-43	25.2
17020	6.8	118.7	-42	28.7
17030	8.1	118.4	-42	32.2
17040	7.1	118.0	-42	36.4
17050	7.7	117.5	-41	43.9
17060	9.1	117.1	-41	48.7
17070	7.3	116.5	-40	53.7
17080	7.7	116.0	-40	58.3
17090	10.4	115.4	-39	60.9
17100	12.9	114.8	-38	60.9
17110	12.5	114.1	-38	60.9
17120	11.5	113.5	-37	60.9
17130	11.9	112.9	-36	60.9
17140	12.5	112.3	-36	60.9
17150	12.6	111.7	-35	61.2
17160	12.7	111.1	-35	60.9
17170	12.7	110.5	-34	60.9
17180	12.7	109.9	-33	60.9
17190	12.6	109.3	-33	60.9
17200	12.6	108.7	-32	60.9
17210	12.6	108.0	-32	60.9
17220	13.0	107.4	-31	60.9

17230	13.0	106.8	-30	60.9
17240	13.3	106.2	-30	61.2
17250	13.2	105.6	-29	60.9
17260	12.7	105.0	-29	61.2
17270	12.9	104.4	-28	61.2
17280	13.2	103.8	-27	61.2
17290	13.3	103.2	-27	61.2
17300	13.2	102.5	-26	60.9
17310	12.9	101.9	-25	60.9
17320	13.0	101.3	-25	60.9
17330	13.2	100.7	-24	60.9
17340	12.9	100.1	-24	60.9
17350	13.3	99.5	-23	60.9
17360	13.0	98.9	-22	61.2
17370	13.0	98.3	-22	60.9
17380	12.9	97.7	-21	60.9
17390	12.7	97.1	-21	60.9
17400	12.1	96.4	-20	60.9
17410	11.9	95.8	-19	61.2
17420	11.8	95.2	-19	60.9
17430	11.8	94.6	-18	60.9
17440	11.7	94.0	-18	60.9
17450	12.2	93.4	-17	60.9
17460	11.9	92.8	-16	60.9
17470	12.2	92.2	-16	60.9
17480	12.1	91.6	-15	60.9
17490	12.1	91.0	-15	60.9
17500	12.2	90.3	-14	61.2
17510	12.5	89.7	-13	60.9
17520	12.2	89.1	-13	60.9
17530	12.5	88.5	-12	60.9
17540	12.6	87.9	-11	60.9
17550	12.7	87.3	-11	60.9
17560	12.7	86.7	-10	60.9
17570	13.0	86.1	-10	61.2
17580	12.7	85.5	-9	61.2
17590	13.0	84.9	-8	60.9
17600	12.9	84.2	-8	60.9
17610	12.9	83.6	-7	60.9
17620	13.0	83.0	-7	60.9
17630	13.0	82.4	-6	60.9
17640	12.9	81.8	-5	61.2
17650	13.7	81.2	-5	60.9
17660	13.4	80.6	-4	60.9
17670	13.2	80.0	-4	60.9
17680	13.3	79.4	-3	60.9
17690	13.2	78.7	-2	60.9
17700	12.9	78.1	-2	61.2
17710	12.7	77.5	-1	61.2
17720	12.9	76.9	0	60.9
17730	12.9	76.3	0	60.9
17740	13.3	75.7	1	61.2
17750	13.2	75.1	1	60.9
17760	12.9	74.5	2	61.2

17770	12.6	73.9	3	60.9
17780	12.3	73.3	3	60.9
17790	12.2	72.6	4	60.9
17800	12.6	72.0	4	60.9
17810	12.2	71.4	5	60.9
17820	11.9	70.8	6	60.9
17830	11.8	70.2	6	60.9
17840	12.1	69.6	7	60.9
17850	11.7	69.0	7	60.9
17860	11.4	68.4	8	60.6
17870	10.8	67.8	9	60.6
17880	10.4	67.2	9	61.2
17890	9.9	66.5	10	60.9
17900	9.4	65.9	11	60.6
17910	10.3	65.3	11	63.6
17920	16.7	64.8	12	52.4
17930	15.5	64.5	12	38.8
17940	11.7	64.1	12	27.4
17950	12.3	63.9	13	26.6
17960	12.3	63.7	13	19.4
17970	10.7	63.5	13	13.8
17980	9.4	63.4	13	12.2
17990	7.2	63.3	13	8.7
18000	5.8	63.2	13	7.7
18010	5.2	63.1	13	5.3
18020	3.9	63.1	13	5.3
18030	2.8	63.0	13	3.7
18040	2.2	63.0	13	2.9
18050	1.5	63.0	13	2.6
18060	0.5	62.9	14	2.3
18070	0.0	62.9	14	2.6
18080	-0.3	62.9	14	2.3
18090	-0.8	62.9	14	0.2
18100	-1.1	62.9	14	1.0
18110	-6.5	62.9	14	1.0
18120	-13.2	62.9	14	-2.1
18130	-6.5	62.9	14	-4.5
18140	-3.7	63.0	13	-7.4
18150	-11.5	63.1	13	-9.3
18160	-11.1	63.2	13	-14.3
18170	-7.7	63.4	13	-19.7
18180	-9.8	63.7	13	-23.6
18190	-12.1	64.0	12	-28.7
18200	-9.5	64.3	12	-34.0
18210	-9.5	64.8	12	-38.8
18220	-12.6	65.2	11	-43.6
18230	-11.7	65.8	11	-49.7
18240	-14.4	66.4	10	-56.9
18250	-18.6	66.9	10	-57.5
18260	-18.0	67.5	9	-58.3
18270	-16.8	68.1	8	-58.5
18280	-18.4	68.7	8	-59.3
18290	-19.5	69.3	7	-59.3
18300	-19.9	69.9	7	-59.3

18310	-19.9	70.5	6	-59.3
18320	-19.9	71.1	5	-59.3
18330	-20.1	71.7	5	-59.3
18340	-20.3	72.3	4	-59.6
18350	-20.7	72.9	4	-59.3
18360	-20.6	73.5	3	-59.1
18370	-21.0	74.1	2	-59.6
18380	-21.6	74.6	2	-59.3
18390	-22.0	75.2	1	-59.3
18400	-22.0	75.8	1	-59.3
18410	-22.0	76.4	0	-59.3
18420	-22.1	77.0	-1	-59.3
18430	-22.4	77.6	-1	-59.6
18440	-22.8	78.2	-2	-59.3
18450	-22.8	78.8	-2	-59.3
18460	-23.1	79.4	-3	-59.6
18470	-23.3	80.0	-4	-59.6
18480	-23.6	80.6	-4	-59.6
18490	-23.5	81.2	-5	-59.6
18500	-23.3	81.8	-5	-59.6
18510	-23.3	82.4	-6	-59.6
18520	-23.7	83.0	-7	-59.6
18530	-23.6	83.6	-7	-59.6
18540	-23.2	84.2	-8	-59.6
18550	-23.1	84.8	-8	-59.6
18560	-23.5	85.4	-9	-59.6
18570	-24.0	86.0	-10	-59.6
18580	-23.9	86.6	-10	-59.3
18590	-23.5	87.2	-11	-59.6
18600	-23.7	87.8	-11	-59.6
18610	-24.4	88.3	-12	-59.6
18620	-24.3	88.9	-12	-59.6
18630	-23.9	89.5	-13	-59.6
18640	-23.9	90.1	-14	-59.9
18650	-24.5	90.7	-14	-59.9
18660	-25.0	91.3	-15	-59.9
18670	-24.7	91.9	-15	-59.6
18680	-25.0	92.5	-16	-59.9
18690	-24.8	93.1	-17	-59.6
18700	-25.2	93.7	-17	-59.6
18710	-25.5	94.3	-18	-59.6
18720	-25.6	94.9	-18	-59.6
18730	-25.5	95.5	-19	-59.9
18740	-25.5	96.1	-20	-59.9
18750	-26.0	96.7	-20	-59.6
18760	-26.4	97.3	-21	-59.6
18770	-26.0	97.9	-21	-59.9
18780	-26.2	98.5	-22	-59.6
18790	-26.8	99.1	-23	-59.9
18800	-26.8	99.7	-23	-59.9
18810	-26.6	100.3	-24	-59.9
18820	-26.4	100.9	-24	-59.9
18830	-27.0	101.5	-25	-59.9
18840	-27.0	102.1	-26	-59.6

18850	-27.5	102.7	-26	-59.6
18860	-27.4	103.3	-27	-59.9
18870	-28.1	103.9	-27	-59.9
18880	-28.6	104.5	-28	-59.9
18890	-28.2	105.1	-29	-59.9
18900	-27.8	105.7	-29	-59.9
18910	-27.9	106.3	-30	-59.9
18920	-28.1	106.9	-30	-60.1
18930	-27.8	107.5	-31	-59.9
18940	-27.4	108.1	-32	-59.9
18950	-26.8	108.7	-32	-59.9
18960	-26.6	109.3	-33	-59.9
18970	-27.0	109.9	-33	-59.9
18980	-27.0	110.5	-34	-59.9
18990	-26.2	111.1	-35	-59.9
19000	-26.2	111.7	-35	-59.9
19010	-26.6	112.3	-36	-59.9
19020	-26.8	112.9	-36	-59.9
19030	-26.6	113.5	-37	-59.6
19040	-26.0	114.1	-38	-59.9
19050	-26.6	114.7	-38	-59.6
19060	-26.7	115.3	-39	-59.6
19070	-26.3	115.9	-39	-59.9
19080	-25.9	116.5	-40	-59.9
19090	-26.2	117.1	-41	-59.9
19100	-26.4	117.6	-41	-53.7
19110	-32.0	118.2	-42	-46.5
19120	-35.5	118.6	-42	-45.7
19130	-32.0	119.0	-43	-36.7
19140	-27.9	119.3	-43	-29.0
19150	-29.2	119.5	-43	-21.5
19160	-29.4	119.7	-43	-15.4
19170	-27.0	119.8	-43	-12.2
19180	-25.0	119.9	-43	-9.5
19190	-23.7	120.0	-44	-7.9
19200	-22.4	120.1	-44	-6.1
19210	-20.7	120.1	-44	-4.7
19220	-19.4	120.2	-44	-3.7
19230	-17.2	120.2	-44	-2.9
19240	-14.8	120.3	-44	-2.1
19250	-12.1	120.3	-44	-1.8
19260	-8.7	120.3	-44	-1.0
19270	-5.3	120.3	-44	-0.2
19280	-3.0	120.3	-44	0.0
19290	-1.6	120.3	-44	-0.2
19300	-0.8	120.3	-44	-0.7
19310	-0.7	120.3	-44	-0.2
19320	0.0	120.3	-44	0.0
19330	0.5	120.3	-44	0.0
19340	0.8	120.3	-44	-0.2
19350	0.8	120.3	-44	0.5
19360	0.8	120.3	-44	0.2
19370	2.6	120.3	-44	0.7
19380	10.8	120.3	-44	3.1

19390	4.9	120.2	-44	8.7
19400	1.8	120.1	-44	12.2
19410	8.0	120.0	-44	13.8
19420	6.5	119.8	-43	17.5
19430	4.3	119.6	-43	21.8
19440	6.5	119.4	-43	25.0
19450	6.8	119.2	-43	28.7
19460	5.4	118.9	-42	32.4
19470	6.8	118.5	-42	36.2
19480	7.6	118.2	-42	40.1
19490	6.9	117.8	-41	44.7
19500	8.3	117.4	-41	44.7
19510	8.3	116.9	-40	49.2
19520	7.2	116.3	-40	54.0
19530	8.0	115.8	-39	58.3
19540	9.6	115.2	-39	60.9
19550	11.0	114.6	-38	60.9
19560	11.1	113.9	-37	60.9
19570	10.4	113.3	-37	60.6
19580	10.8	112.7	-36	60.6
19590	11.8	112.1	-36	61.2
19600	12.5	111.5	-35	60.9
19610	12.3	110.9	-34	60.9
19620	11.9	110.3	-34	60.6
19630	11.8	109.7	-33	60.9
19640	11.8	109.1	-33	60.6
19650	11.1	108.5	-32	60.9
19660	11.1	107.9	-31	60.9
19670	11.4	107.2	-31	60.9
19680	11.7	106.6	-30	60.9
19690	11.9	106.0	-30	60.9
19700	12.1	105.4	-29	60.6
19710	12.1	104.8	-28	61.2
19720	12.3	104.2	-28	60.9
19730	12.5	103.6	-27	60.9
19740	12.2	103.0	-27	60.9
19750	12.1	102.4	-26	60.9
19760	11.9	101.8	-25	60.9
19770	12.3	101.1	-25	61.2
19780	12.2	100.5	-24	60.9
19790	12.2	99.9	-23	60.9
19800	12.9	99.3	-23	60.9
19810	13.2	98.7	-22	60.9
19820	12.7	98.1	-22	60.9
19830	13.2	97.5	-21	60.9
19840	12.7	96.9	-20	60.9
19850	12.5	96.3	-20	61.2
19860	12.3	95.7	-19	61.2
19870	12.5	95.0	-19	60.6
19880	11.8	94.4	-18	60.9
19890	12.1	93.8	-17	61.2
19900	11.9	93.2	-17	60.9
19910	12.1	92.6	-16	60.9
19920	12.1	92.0	-16	60.6

19930	12.2	91.4	-15	60.9
19940	11.8	90.8	-14	60.9
19950	12.1	90.2	-14	60.9
19960	11.9	89.6	-13	60.6
19970	11.4	88.9	-12	60.9
19980	11.1	88.3	-12	60.9
19990	11.1	87.7	-11	60.6
20000	11.3	87.1	-11	60.9
20010	11.5	86.5	-10	60.9
20020	11.1	85.9	-9	60.9
20030	11.3	85.3	-9	60.9
20040	11.5	84.7	-8	60.9
20050	11.5	84.1	-8	60.6
20060	11.5	83.5	-7	60.9
20070	11.8	82.9	-6	60.9
20080	11.7	82.2	-6	60.9
20090	11.7	81.6	-5	60.9
20100	11.8	81.0	-5	60.9
20110	11.4	80.4	-4	60.9
20120	11.5	79.8	-3	60.9
20130	11.9	79.2	-3	60.9
20140	11.7	78.6	-2	60.6
20150	11.1	78.0	-2	61.2
20160	11.4	77.4	-1	60.9
20170	11.4	76.8	0	60.9
20180	11.5	76.1	0	60.9
20190	11.3	75.5	1	60.9
20200	11.0	74.9	2	61.2
20210	10.8	74.3	2	60.9
20220	11.4	73.7	3	60.6
20230	10.7	73.1	3	60.9
20240	10.8	72.5	4	60.6
20250	10.7	71.9	5	60.9
20260	11.0	71.3	5	60.9
20270	10.4	70.7	6	60.9
20280	10.3	70.1	6	60.9
20290	10.0	69.5	7	60.6
20300	10.4	68.8	8	60.6
20310	10.0	68.2	8	60.6
20320	9.6	67.6	9	60.9
20330	9.5	67.0	9	60.9
20340	9.6	66.4	10	60.6
20350	9.4	65.8	11	60.9
20360	13.4	65.2	11	60.6
20370	17.4	64.8	12	45.7
20380	14.8	64.4	12	32.7
20390	12.3	64.1	12	31.6
20400	12.7	63.8	13	23.1
20410	11.9	63.6	13	16.7
20420	11.3	63.5	13	15.9
20430	9.6	63.4	13	11.7
20440	7.1	63.3	13	10.1
20450	6.6	63.2	13	7.1
20460	6.5	63.1	13	5.0

20470	4.9	63.1	13	5.0
20480	4.1	63.0	13	3.4
20490	3.9	63.0	13	2.3
20500	3.4	63.0	13	2.1
20510	2.2	63.0	13	2.3
20520	0.8	62.9	14	2.6
20530	0.0	62.9	14	2.3
20540	0.1	62.9	14	0.5
20550	-0.8	62.9	14	0.0
20560	-1.1	62.9	14	1.0
20570	-1.1	62.9	14	0.7
20580	-7.3	62.9	14	-0.2
20590	-9.6	62.9	14	-1.8
20600	-2.3	62.9	14	-3.7
20610	-2.7	63.0	13	-3.9
20620	-8.7	63.0	13	-5.8
20630	-6.2	63.1	13	-9.5
20640	-4.7	63.2	13	-12.7
20650	-8.7	63.4	13	-15.1
20660	-8.4	63.6	13	-19.4
20670	-6.5	63.9	13	-23.1
20680	-8.7	64.1	12	-26.8
20690	-9.6	64.5	12	-30.8
20700	-8.1	64.9	12	-35.6
20710	-8.9	65.3	11	-39.6
20720	-10.4	65.8	11	-44.1
20730	-10.0	66.3	10	-54.8
20740	-12.1	66.9	10	-56.7
20750	-15.2	67.5	9	-56.9
20760	-15.2	68.0	8	-57.2
20770	-14.5	68.6	8	-57.2
20780	-15.2	69.2	7	-57.7
20790	-16.1	69.8	7	-58.3
20800	-16.8	70.3	6	-58.5
20810	-17.1	70.9	6	-59.1
20820	-17.2	71.5	5	-59.3
20830	-17.9	72.1	4	-59.6
20840	-18.3	72.7	4	-59.3
20850	-18.4	73.3	3	-59.3
20860	-18.3	73.9	3	-59.3
20870	-18.8	74.5	2	-59.3
20880	-19.0	75.1	1	-59.3
20890	-19.5	75.7	1	-59.3
20900	-20.1	76.3	0	-59.6
20910	-20.3	76.9	0	-59.3
20920	-20.5	77.5	-1	-59.6
20930	-20.9	78.1	-2	-59.3
20940	-21.0	78.7	-2	-59.6
20950	-21.2	79.3	-3	-59.6
20960	-21.2	79.9	-3	-59.6
20970	-21.3	80.4	-4	-59.6
20980	-21.3	81.0	-5	-59.3
20990	-20.9	81.6	-5	-59.3
21000	-21.0	82.2	-6	-59.6

21010	-21.0	82.8	-6	-59.3
21020	-20.9	83.4	-7	-59.6
21030	-20.6	84.0	-8	-59.3
21040	-20.5	84.6	-8	-59.6
21050	-20.2	85.2	-9	-59.6
21060	-20.5	85.8	-9	-59.6
21070	-20.6	86.4	-10	-59.6
21080	-20.3	87.0	-11	-59.6
21090	-20.1	87.6	-11	-59.6
21100	-20.5	88.2	-12	-59.6
21110	-20.9	88.8	-12	-59.6
21120	-20.2	89.4	-13	-59.6
21130	-20.2	90.0	-14	-59.9
21140	-20.6	90.6	-14	-59.6
21150	-21.2	91.2	-15	-59.6
21160	-21.3	91.8	-15	-59.3
21170	-21.0	92.4	-16	-59.6
21180	-21.2	93.0	-17	-59.6
21190	-21.6	93.6	-17	-59.6
21200	-22.4	94.2	-18	-59.6
21210	-22.4	94.7	-18	-59.6
21220	-22.4	95.3	-19	-59.6
21230	-22.5	95.9	-19	-59.6
21240	-23.2	96.5	-20	-59.3
21250	-23.3	97.1	-21	-59.3
21260	-23.2	97.7	-21	-59.6
21270	-23.2	98.3	-22	-59.6
21280	-23.9	98.9	-22	-59.9
21290	-24.0	99.5	-23	-59.6
21300	-24.0	100.1	-24	-59.9
21310	-24.3	100.7	-24	-59.9
21320	-24.3	101.3	-25	-59.9
21330	-24.4	101.9	-25	-59.9
21340	-24.5	102.5	-26	-59.6
21350	-24.1	103.1	-27	-59.9
21360	-24.3	103.7	-27	-59.6
21370	-24.8	104.3	-28	-59.9
21380	-24.4	104.9	-28	-59.6
21390	-24.0	105.5	-29	-59.6
21400	-23.9	106.1	-30	-59.6
21410	-24.1	106.7	-30	-59.9
21420	-24.0	107.3	-31	-59.9
21430	-23.7	107.9	-31	-59.6
21440	-23.5	108.5	-32	-59.9
21450	-23.1	109.1	-33	-59.6
21460	-23.1	109.7	-33	-59.6
21470	-22.9	110.3	-34	-59.6
21480	-22.2	110.9	-34	-59.9
21490	-21.8	111.5	-35	-59.6
21500	-21.8	112.1	-36	-59.6
21510	-21.6	112.7	-36	-59.6
21520	-20.9	113.3	-37	-59.3
21530	-20.3	113.9	-37	-59.6
21540	-19.9	114.5	-38	-59.6

21550	-19.8	115.1	-39	-59.3
21560	-19.1	115.6	-39	-59.3
21570	-18.4	116.2	-40	-59.6
21580	-17.6	116.8	-40	-59.3
21590	-17.1	117.4	-41	-59.6
21600	-19.1	118.0	-42	-60.9
21610	-24.7	118.4	-42	-44.1
21620	-22.5	118.8	-42	-31.9
21630	-15.2	119.1	-43	-25.2
21640	-15.5	119.4	-43	-20.2
21650	-16.1	119.6	-43	-19.9
21660	-13.2	119.7	-43	-15.9
21670	-10.2	119.8	-43	-12.5
21680	-9.8	119.9	-43	-10.1
21690	-8.9	120.0	-44	-8.2
21700	-7.2	120.1	-44	-6.3
21710	-5.7	120.1	-44	-4.7
21720	-5.0	120.1	-44	-3.9
21730	-4.3	120.2	-44	-2.9
21740	-3.1	120.2	-44	-2.6
21750	-2.3	120.2	-44	-1.8
21760	-1.4	120.2	-44	-1.5
21770	-0.3	120.2	-44	-1.0
21780	0.1	120.3	-44	-0.7
21790	0.5	120.3	-44	-0.5
21800	0.8	120.3	-44	0.0
21810	0.8	120.3	-44	0.2
21820	2.3	120.3	-44	-0.2
21830	10.8	120.2	-44	2.9
21840	4.2	120.2	-44	5.8
21850	-0.1	120.1	-44	7.9
21860	6.2	120.0	-44	8.5
21870	6.6	119.9	-43	10.6
21880	3.1	119.8	-43	13.8
21890	5.0	119.6	-43	15.9
21900	7.6	119.4	-43	18.3
21910	5.0	119.2	-43	21.8
21920	5.7	118.9	-42	24.7
21930	7.5	118.6	-42	27.4
21940	6.1	118.3	-42	31.1
21950	6.1	117.9	-41	34.0
21960	7.3	117.5	-41	41.2
21970	7.1	117.0	-41	45.2
21980	6.8	116.5	-40	49.5
21990	7.6	116.0	-40	53.5
22000	7.1	115.4	-39	57.7
22010	8.0	114.8	-38	60.6
22020	11.3	114.2	-38	60.9
22030	11.0	113.6	-37	60.9
22040	9.9	113.0	-37	60.9
22050	10.4	112.4	-36	60.9
22060	11.3	111.8	-35	60.9
22070	11.3	111.2	-35	60.9
22080	11.4	110.6	-34	60.9

22090	11.1	110.0	-34	60.9
22100	11.3	109.4	-33	60.6
22110	11.7	108.7	-32	60.9
22120	11.5	108.1	-32	60.6
22130	11.8	107.5	-31	60.9
22140	11.9	106.9	-30	60.9
22150	11.9	106.3	-30	60.9
22160	12.1	105.7	-29	60.9
22170	11.9	105.1	-29	60.9
22180	12.5	104.5	-28	61.2
22190	12.5	103.9	-27	60.9
22200	12.6	103.3	-27	60.9
22210	12.3	102.6	-26	61.2
22220	12.3	102.0	-26	60.9
22230	12.6	101.4	-25	61.2
22240	12.9	100.8	-24	61.2
22250	12.6	100.2	-24	60.9
22260	12.5	99.6	-23	60.9
22270	12.7	99.0	-23	60.9
22280	13.0	98.4	-22	60.9
22290	12.7	97.8	-21	60.9
22300	12.7	97.2	-21	60.9
22310	12.6	96.5	-20	61.2
22320	12.6	95.9	-19	61.2
22330	12.7	95.3	-19	60.9
22340	12.3	94.7	-18	60.9
22350	12.1	94.1	-18	60.9
22360	12.5	93.5	-17	60.9
22370	12.3	92.9	-16	60.9
22380	12.1	92.3	-16	60.9
22390	12.3	91.7	-15	60.9
22400	11.9	91.1	-15	60.9
22410	12.2	90.4	-14	60.9
22420	12.3	89.8	-13	60.9
22430	11.9	89.2	-13	60.9
22440	11.8	88.6	-12	60.9
22450	12.1	88.0	-12	60.9
22460	11.8	87.4	-11	60.9
22470	11.9	86.8	-10	60.9
22480	11.4	86.2	-10	61.2
22490	11.4	85.6	-9	60.9
22500	11.8	85.0	-9	60.9
22510	11.3	84.3	-8	60.9
22520	10.7	83.7	-7	60.9
22530	11.1	83.1	-7	61.2
22540	11.0	82.5	-6	60.9
22550	10.4	81.9	-5	60.6
22560	10.2	81.3	-5	60.6
22570	10.6	80.7	-4	60.9
22580	10.0	80.1	-4	60.9
22590	10.3	79.5	-3	60.9
22600	10.2	78.9	-2	60.9
22610	9.9	78.3	-2	60.9
22620	10.2	77.6	-1	60.9

22630	10.8	77.0	-1	60.6
22640	10.6	76.4	0	60.9
22650	10.6	75.8	1	60.6
22660	10.7	75.2	1	60.9
22670	10.8	74.6	2	60.9
22680	10.4	74.0	2	60.6
22690	10.3	73.4	3	60.6
22700	10.3	72.8	4	60.9
22710	10.3	72.2	4	60.6
22720	10.3	71.6	5	60.9
22730	10.4	70.9	6	60.9
22740	10.3	70.3	6	60.6
22750	9.9	69.7	7	60.9
22760	9.8	69.1	7	60.9
22770	10.0	68.5	8	60.6
22780	9.6	67.9	9	60.6
22790	9.2	67.3	9	60.9
22800	8.9	66.7	10	60.6
22810	8.5	66.1	10	60.9
22820	8.7	65.5	11	53.5
22830	15.3	65.0	11	44.9
22840	15.2	64.5	12	40.4
22850	11.1	64.2	12	32.2
22860	11.9	63.9	13	23.1
22870	11.8	63.7	13	22.3
22880	10.0	63.5	13	16.5
22890	9.6	63.4	13	14.1
22900	8.4	63.3	13	10.3
22910	6.5	63.2	13	7.1
22920	6.4	63.1	13	7.1
22930	5.7	63.1	13	5.3
22940	4.6	63.0	13	3.7
22950	4.3	63.0	13	3.7
22960	3.8	63.0	13	2.9
22970	2.6	63.0	13	2.3
22980	1.4	62.9	14	2.6
22990	0.5	62.9	14	2.6
23000	0.4	62.9	14	1.0
23010	0.0	62.9	14	0.0
23020	-0.8	62.9	14	0.5
23030	-1.1	62.9	14	1.5
23040	-1.1	62.9	14	0.5
23050	-5.4	62.9	14	-0.2
23060	-12.1	62.9	14	-1.0
23070	-3.5	62.9	14	-4.2
23080	-3.4	63.0	13	-5.0
23090	-11.0	63.0	13	-7.1
23100	-8.7	63.1	13	-11.9
23110	-6.1	63.3	13	-16.2
23120	-9.6	63.5	13	-19.4
23130	-11.0	63.8	13	-23.9
23140	-7.3	64.1	12	-29.0
23150	-8.7	64.4	12	-32.7
23160	-11.4	64.8	12	-37.2

23170	-9.6	65.3	11	-42.5
23180	-8.4	65.8	11	-52.1
23190	-12.3	66.4	10	-56.7
23200	-16.1	67.0	9	-57.2
23210	-15.1	67.5	9	-57.2
23220	-14.1	68.1	8	-57.2
23230	-15.6	68.7	8	-57.2
23240	-15.3	69.3	7	-58.3
23250	-15.7	69.8	7	-58.5
23260	-16.4	70.4	6	-58.8
23270	-16.8	71.0	5	-59.3
23280	-16.5	71.6	5	-59.3
23290	-17.1	72.2	4	-59.3
23300	-17.9	72.8	4	-59.3
23310	-17.8	73.4	3	-59.1
23320	-17.6	74.0	2	-59.6
23330	-18.0	74.6	2	-59.6
23340	-18.3	75.2	1	-59.3
23350	-18.2	75.8	1	-59.3
23360	-18.2	76.4	0	-59.3
23370	-18.4	77.0	-1	-59.6
23380	-18.7	77.6	-1	-59.6
23390	-18.8	78.2	-2	-59.3
23400	-18.6	78.7	-2	-59.6
23410	-18.7	79.3	-3	-59.3
23420	-19.0	79.9	-3	-59.6
23430	-19.4	80.5	-4	-59.6
23440	-19.5	81.1	-5	-59.3
23450	-19.3	81.7	-5	-59.3
23460	-19.7	82.3	-6	-59.6
23470	-20.2	82.9	-6	-59.3
23480	-20.2	83.5	-7	-59.6
23490	-20.1	84.1	-8	-59.6
23500	-20.3	84.7	-8	-59.6
23510	-20.5	85.3	-9	-59.6
23520	-21.0	85.9	-9	-59.3
23530	-21.2	86.5	-10	-59.6
23540	-20.9	87.1	-11	-59.6
23550	-20.5	87.7	-11	-59.6
23560	-21.3	88.3	-12	-59.6
23570	-21.8	88.9	-12	-59.6
23580	-21.3	89.5	-13	-59.6
23590	-21.3	90.1	-14	-59.9
23600	-21.7	90.7	-14	-59.9
23610	-22.0	91.3	-15	-59.6
23620	-21.7	91.9	-15	-59.6
23630	-22.0	92.5	-16	-59.6
23640	-21.8	93.1	-17	-59.9
23650	-22.2	93.7	-17	-59.6
23660	-22.5	94.3	-18	-59.6
23670	-22.2	94.9	-18	-59.6
23680	-22.5	95.4	-19	-59.6
23690	-22.6	96.0	-20	-59.9
23700	-23.3	96.6	-20	-59.6

23710	-23.3	97.2	-21	-59.6
23720	-23.1	97.8	-21	-59.9
23730	-23.1	98.4	-22	-59.9
23740	-23.7	99.0	-23	-59.9
23750	-23.7	99.6	-23	-59.9
23760	-24.0	100.2	-24	-59.9
23770	-23.9	100.8	-24	-59.9
23780	-24.1	101.4	-25	-59.9
23790	-24.3	102.0	-26	-59.6
23800	-24.5	102.6	-26	-59.9
23810	-24.3	103.2	-27	-59.9
23820	-24.7	103.8	-27	-59.9
23830	-25.4	104.4	-28	-60.1
23840	-25.0	105.0	-29	-59.9
23850	-24.7	105.6	-29	-59.9
23860	-25.1	106.2	-30	-59.9
23870	-25.6	106.8	-30	-60.1
23880	-25.5	107.4	-31	-59.9
23890	-25.4	108.0	-32	-60.1
23900	-25.1	108.6	-32	-60.1
23910	-25.4	109.2	-33	-59.9
23920	-25.9	109.8	-33	-59.9
23930	-25.9	110.4	-34	-59.9
23940	-25.4	111.0	-35	-59.9
23950	-25.5	111.6	-35	-59.9
23960	-25.8	112.2	-36	-59.9
23970	-25.8	112.8	-36	-59.9
23980	-25.9	113.4	-37	-59.9
23990	-25.1	114.0	-38	-60.1
24000	-25.1	114.6	-38	-59.9
24010	-24.8	115.2	-39	-59.9
24020	-24.1	115.8	-39	-59.9
24030	-23.6	116.4	-40	-59.9
24040	-23.6	117.0	-41	-59.9
24050	-23.3	117.6	-41	-59.6
24060	-28.6	118.2	-42	-57.5
24070	-32.0	118.6	-42	-42.3
24080	-28.9	118.9	-42	-30.6
24090	-24.1	119.2	-43	-24.2
24100	-25.4	119.5	-43	-23.6
24110	-25.4	119.7	-43	-19.1
24120	-23.1	119.8	-43	-14.9
24130	-21.8	119.9	-43	-12.2
24140	-21.2	120.0	-44	-9.5
24150	-19.8	120.1	-44	-7.4
24160	-18.0	120.1	-44	-5.8
24170	-17.2	120.2	-44	-4.7
24180	-16.0	120.2	-44	-3.9
24190	-14.0	120.3	-44	-2.9
24200	-11.5	120.3	-44	-2.1
24210	-9.2	120.3	-44	-1.5
24220	-7.2	120.3	-44	-0.7
24230	-5.0	120.3	-44	-0.5
24240	-2.7	120.3	-44	-0.2

24250	-1.6	120.3	-44	-0.2
24260	-0.9	120.3	-44	0.0
24270	0.0	120.3	-44	0.0
24280	0.5	120.3	-44	0.0
24290	0.7	120.3	-44	0.0
24300	0.8	120.3	-44	0.0
24310	0.8	120.3	-44	0.0
24320	1.5	120.3	-44	1.3
24330	12.9	120.3	-44	2.3
24340	6.2	120.2	-44	8.7
24350	0.9	120.1	-44	13.0

ISOK_EXERC_ER_IR_60_R_SIDE
01/08
Set #10

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	3.0	119.4	-43	15.9
10	4.1	119.2	-43	17.8
20	5.6	119.0	-43	19.4
30	5.3	118.8	-42	22.3
40	4.5	118.5	-42	25.0
50	5.2	118.2	-42	27.4
60	6.0	117.9	-41	29.8
70	6.1	117.5	-41	36.2
80	5.7	117.1	-41	39.9
90	5.6	116.7	-40	43.1
100	6.1	116.3	-40	46.3
110	6.2	115.8	-39	49.7
120	6.0	115.3	-39	53.5
130	6.2	114.7	-38	56.7
140	6.4	114.1	-38	60.4
150	9.4	113.5	-37	60.6
160	10.3	112.9	-36	60.6
170	9.5	112.3	-36	60.9
180	9.5	111.7	-35	60.6
190	10.3	111.1	-35	60.6
200	10.6	110.5	-34	60.6
210	10.4	109.8	-33	60.9
220	10.0	109.2	-33	60.6
230	10.4	108.6	-32	60.9
240	10.8	108.0	-32	60.6
250	11.3	107.4	-31	60.9
260	11.1	106.8	-30	60.9
270	11.4	106.2	-30	60.9
280	11.9	105.6	-29	60.9
290	12.1	105.0	-29	60.9
300	11.8	104.4	-28	61.2
310	11.8	103.8	-27	60.9
320	12.2	103.1	-27	60.9
330	11.9	102.5	-26	60.9
340	11.7	101.9	-25	60.9
350	11.8	101.3	-25	60.9
360	12.1	100.7	-24	60.6
370	11.8	100.1	-24	60.9
380	12.2	99.5	-23	60.9
390	12.2	98.9	-22	60.9
400	12.2	98.3	-22	60.6
410	11.8	97.7	-21	60.9
420	11.5	97.1	-21	60.9
430	11.3	96.4	-20	60.9
440	11.4	95.8	-19	60.9
450	11.1	95.2	-19	60.6
460	11.3	94.6	-18	60.9
470	11.0	94.0	-18	60.9
480	11.5	93.4	-17	60.9

490	11.3	92.8	-16	60.9
500	11.4	92.2	-16	60.6
510	11.1	91.6	-15	60.9
520	11.3	91.0	-15	60.9
530	11.3	90.4	-14	60.6
540	11.3	89.7	-13	60.6
550	11.1	89.1	-13	60.6
560	11.1	88.5	-12	60.9
570	11.3	87.9	-11	60.9
580	11.4	87.3	-11	60.9
590	11.3	86.7	-10	60.9
600	11.4	86.1	-10	60.9
610	11.5	85.5	-9	60.9
620	11.9	84.9	-8	60.9
630	11.4	84.3	-8	60.6
640	11.1	83.7	-7	60.9
650	11.4	83.0	-7	60.9
660	11.4	82.4	-6	60.9
670	11.3	81.8	-5	60.6
680	11.7	81.2	-5	60.9
690	11.4	80.6	-4	60.9
700	11.4	80.0	-4	60.9
710	11.8	79.4	-3	60.9
720	11.7	78.8	-2	60.6
730	11.4	78.2	-2	60.9
740	11.5	77.6	-1	60.9
750	11.9	77.0	-1	60.9
760	11.4	76.3	0	60.6
770	11.4	75.7	1	60.9
780	11.4	75.1	1	60.9
790	11.8	74.5	2	60.9
800	11.7	73.9	3	60.9
810	11.4	73.3	3	60.9
820	11.1	72.7	4	60.6
830	11.5	72.1	4	60.9
840	11.4	71.5	5	60.9
850	11.4	70.9	6	60.9
860	10.8	70.3	6	60.9
870	10.8	69.6	7	60.9
880	10.7	69.0	7	60.9
890	10.8	68.4	8	60.9
900	10.6	67.8	9	60.6
910	10.4	67.2	9	60.6
920	10.3	66.6	10	60.9
930	10.2	66.0	10	60.9
940	11.0	65.4	11	64.4
950	17.6	64.9	12	53.7
960	17.0	64.5	12	39.6
970	13.2	64.2	12	28.2
980	12.6	63.9	13	27.4
990	12.5	63.7	13	20.2
1000	11.5	63.5	13	14.1
1010	10.2	63.4	13	12.7
1020	8.1	63.3	13	9.0

1030	6.6	63.2	13	8.7
1040	6.4	63.1	13	6.9
1050	5.8	63.1	13	5.0
1060	4.7	63.0	13	3.4
1070	3.7	63.0	13	3.4
1080	2.8	63.0	13	2.6
1090	1.6	62.9	14	2.1
1100	-0.1	62.9	14	2.1
1110	-0.5	62.9	14	1.8
1120	-0.9	62.9	14	0.2
1130	-1.5	62.9	14	1.0
1140	-16.4	62.9	14	0.0
1150	-11.1	62.9	14	-3.4
1160	-3.7	63.0	13	-5.8
1170	-6.2	63.0	13	-8.2
1180	-12.1	63.2	13	-11.4
1190	-9.6	63.3	13	-17.0
1200	-6.1	63.6	13	-21.8
1210	-11.5	63.8	13	-25.0
1220	-11.9	64.2	12	-30.3
1230	-9.1	64.5	12	-36.2
1240	-10.4	65.0	11	-40.7
1250	-13.3	65.5	11	-46.0
1260	-12.6	66.1	10	-56.9
1270	-15.6	66.6	10	-57.2
1280	-18.3	67.2	9	-57.2
1290	-16.3	67.8	9	-58.0
1300	-16.0	68.4	8	-58.8
1310	-17.8	69.0	7	-59.3
1320	-18.0	69.6	7	-59.3
1330	-17.1	70.1	6	-59.3
1340	-17.2	70.7	6	-59.3
1350	-17.5	71.3	5	-59.6
1360	-16.8	71.9	5	-59.6
1370	-16.8	72.5	4	-59.3
1380	-16.8	73.1	3	-59.1
1390	-16.8	73.7	3	-59.3
1400	-17.1	74.3	2	-59.3
1410	-17.4	74.9	2	-59.3
1420	-17.2	75.5	1	-59.3
1430	-17.6	76.1	0	-59.3
1440	-17.5	76.7	0	-59.6
1450	-17.4	77.3	-1	-59.6
1460	-17.6	77.9	-1	-59.6
1470	-17.9	78.5	-2	-59.3
1480	-17.8	79.1	-3	-59.3
1490	-18.0	79.7	-3	-59.6
1500	-18.6	80.3	-4	-59.6
1510	-18.8	80.8	-4	-59.3
1520	-18.8	81.4	-5	-59.3
1530	-19.1	82.0	-6	-59.6
1540	-19.4	82.6	-6	-59.6
1550	-19.4	83.2	-7	-59.6
1560	-19.3	83.8	-7	-59.3

1570	-19.3	84.4	-8	-59.3
1580	-19.3	85.0	-9	-59.9
1590	-19.3	85.6	-9	-59.3
1600	-19.5	86.2	-10	-59.6
1610	-19.7	86.8	-10	-59.6
1620	-19.3	87.4	-11	-59.9
1630	-19.5	88.0	-12	-59.6
1640	-19.9	88.6	-12	-59.6
1650	-19.5	89.2	-13	-59.3
1660	-18.7	89.8	-13	-59.6
1670	-19.0	90.4	-14	-59.6
1680	-19.3	91.0	-15	-59.6
1690	-19.3	91.6	-15	-59.3
1700	-19.3	92.2	-16	-59.6
1710	-19.4	92.8	-16	-59.6
1720	-19.9	93.4	-17	-59.6
1730	-19.9	94.0	-18	-59.6
1740	-20.3	94.6	-18	-59.6
1750	-20.1	95.2	-19	-59.6
1760	-20.3	95.8	-19	-59.9
1770	-20.6	96.3	-20	-59.9
1780	-20.9	96.9	-20	-59.6
1790	-20.7	97.5	-21	-59.9
1800	-20.7	98.1	-22	-59.9
1810	-21.3	98.7	-22	-59.9
1820	-22.0	99.3	-23	-59.9
1830	-22.1	99.9	-23	-59.6
1840	-22.2	100.5	-24	-59.6
1850	-22.4	101.1	-25	-60.1
1860	-22.5	101.7	-25	-59.9
1870	-22.8	102.3	-26	-59.6
1880	-22.4	102.9	-26	-59.9
1890	-22.6	103.5	-27	-59.9
1900	-22.8	104.1	-28	-59.9
1910	-23.2	104.7	-28	-59.9
1920	-22.8	105.3	-29	-59.9
1930	-22.6	105.9	-29	-59.6
1940	-23.2	106.5	-30	-60.1
1950	-23.5	107.1	-31	-59.9
1960	-23.3	107.7	-31	-59.9
1970	-23.5	108.3	-32	-59.9
1980	-23.6	108.9	-32	-59.9
1990	-23.6	109.5	-33	-60.1
2000	-23.9	110.1	-34	-59.9
2010	-23.5	110.7	-34	-59.9
2020	-23.5	111.3	-35	-59.9
2030	-23.9	111.9	-35	-59.9
2040	-24.3	112.5	-36	-59.9
2050	-23.9	113.1	-37	-59.6
2060	-23.7	113.7	-37	-59.9
2070	-23.6	114.3	-38	-59.9
2080	-23.6	114.9	-38	-59.9
2090	-23.5	115.5	-39	-59.9
2100	-22.8	116.1	-40	-59.9

2110	-22.4	116.7	-40	-59.9
2120	-22.0	117.3	-41	-59.9
2130	-22.2	117.9	-41	-52.4
2140	-29.0	118.4	-42	-42.0
2150	-28.6	118.8	-42	-41.7
2160	-22.1	119.1	-43	-33.0
2170	-20.2	119.3	-43	-26.3
2180	-21.2	119.5	-43	-19.4
2190	-19.1	119.7	-43	-14.1
2200	-16.1	119.8	-43	-10.9
2210	-15.2	119.9	-43	-8.7
2220	-14.5	120.0	-44	-7.1
2230	-12.5	120.1	-44	-5.3
2240	-10.2	120.1	-44	-4.2
2250	-9.4	120.2	-44	-3.4
2260	-8.9	120.2	-44	-2.9
2270	-7.6	120.2	-44	-2.1
2280	-5.7	120.3	-44	-1.8
2290	-4.5	120.3	-44	-1.3
2300	-2.8	120.3	-44	-1.0
2310	-2.2	120.3	-44	-0.7
2320	-0.7	120.3	-44	-0.5
2330	-0.1	120.3	-44	-0.2
2340	0.5	120.3	-44	-0.2
2350	0.7	120.3	-44	0.0
2360	0.8	120.3	-44	0.0
2370	0.8	120.3	-44	0.2
2380	1.4	120.3	-44	0.5
2390	9.4	120.3	-44	1.5
2400	4.9	120.2	-44	6.3
2410	0.1	120.2	-44	9.3
2420	3.7	120.1	-44	10.1
2430	6.1	120.0	-44	11.7
2440	4.1	119.8	-43	15.1
2450	3.9	119.7	-43	18.1
2460	5.0	119.5	-43	20.2
2470	4.7	119.3	-43	23.1
2480	5.0	119.1	-43	26.0
2490	4.5	118.8	-42	28.7
2500	4.3	118.5	-42	31.6
2510	5.0	118.2	-42	34.3
2520	5.2	117.9	-41	37.5
2530	4.7	117.5	-41	36.7
2540	5.2	117.1	-41	39.9
2550	5.4	116.7	-40	42.5
2560	5.2	116.3	-40	45.5
2570	5.2	115.8	-39	48.7
2580	5.4	115.3	-39	51.6
2590	5.8	114.7	-38	54.8
2600	5.7	114.2	-38	57.7
2610	5.8	113.6	-37	60.6
2620	8.3	113.0	-37	60.6
2630	8.9	112.3	-36	60.6
2640	8.3	111.7	-35	60.6

2650	8.4	111.1	-35	60.6
2660	9.1	110.5	-34	60.6
2670	8.8	109.9	-33	60.9
2680	8.9	109.3	-33	60.6
2690	9.1	108.7	-32	60.6
2700	9.1	108.1	-32	60.6
2710	9.5	107.5	-31	60.9
2720	9.5	106.9	-30	60.9
2730	9.4	106.3	-30	60.9
2740	9.9	105.7	-29	60.6
2750	9.8	105.1	-29	60.6
2760	9.8	104.4	-28	60.9
2770	9.9	103.8	-27	60.9
2780	10.3	103.2	-27	60.9
2790	9.9	102.6	-26	60.6
2800	9.5	102.0	-26	60.6
2810	9.9	101.4	-25	60.9
2820	10.0	100.8	-24	60.9
2830	9.6	100.2	-24	60.9
2840	9.9	99.6	-23	60.9
2850	9.9	99.0	-23	60.9
2860	10.2	98.4	-22	60.6
2870	9.9	97.7	-21	60.6
2880	9.8	97.1	-21	60.6
2890	9.5	96.5	-20	60.9
2900	9.6	95.9	-19	60.9
2910	10.0	95.3	-19	60.9
2920	9.8	94.7	-18	60.6
2930	9.6	94.1	-18	60.6
2940	9.9	93.5	-17	60.9
2950	10.3	92.9	-16	60.9
2960	10.0	92.3	-16	60.9
2970	10.3	91.7	-15	60.6
2980	10.2	91.1	-15	60.9
2990	10.6	90.4	-14	60.9
3000	10.6	89.8	-13	60.6
3010	10.6	89.2	-13	60.9
3020	10.7	88.6	-12	60.9
3030	10.6	88.0	-12	60.9
3040	10.7	87.4	-11	60.9
3050	10.8	86.8	-10	60.6
3060	10.8	86.2	-10	60.9
3070	10.8	85.6	-9	60.9
3080	11.1	85.0	-9	60.9
3090	11.4	84.4	-8	60.6
3100	11.3	83.7	-7	60.9
3110	11.8	83.1	-7	60.9
3120	11.8	82.5	-6	60.9
3130	12.2	81.9	-5	60.9
3140	12.1	81.3	-5	60.9
3150	12.1	80.7	-4	61.2
3160	12.1	80.1	-4	60.9
3170	12.5	79.5	-3	60.9
3180	12.1	78.9	-2	60.9

3190	11.7	78.3	-2	60.9
3200	11.8	77.6	-1	60.9
3210	12.3	77.0	-1	60.9
3220	12.2	76.4	0	60.9
3230	12.1	75.8	1	60.9
3240	11.9	75.2	1	60.9
3250	12.2	74.6	2	60.9
3260	11.9	74.0	2	60.6
3270	11.5	73.4	3	60.9
3280	11.1	72.8	4	60.9
3290	11.4	72.2	4	60.9
3300	11.7	71.5	5	60.6
3310	11.3	70.9	6	60.9
3320	10.8	70.3	6	60.6
3330	10.6	69.7	7	60.9
3340	10.4	69.1	7	60.9
3350	10.4	68.5	8	60.9
3360	10.0	67.9	9	60.6
3370	9.5	67.3	9	60.9
3380	8.9	66.7	10	60.9
3390	8.5	66.1	10	60.9
3400	8.7	65.5	11	53.5
3410	15.5	65.0	11	44.7
3420	15.1	64.5	12	37.0
3430	11.0	64.2	12	35.1
3440	10.8	63.9	13	25.5
3450	10.8	63.7	13	18.3
3460	9.2	63.5	13	17.8
3470	7.5	63.4	13	12.7
3480	5.2	63.3	13	9.0
3490	3.4	63.2	13	8.7
3500	3.3	63.1	13	6.9
3510	3.3	63.1	13	5.5
3520	2.6	63.1	13	4.5
3530	1.8	63.0	13	3.1
3540	1.6	63.0	13	2.1
3550	1.2	63.0	13	1.8
3560	0.1	62.9	14	2.1
3570	0.0	62.9	14	2.1
3580	-0.7	62.9	14	2.3
3590	-0.9	62.9	14	0.7
3600	-1.9	62.9	14	0.5
3610	-16.0	62.9	14	-1.0
3620	-8.5	62.9	14	-3.9
3630	-1.6	63.0	13	-6.9
3640	-7.5	63.1	13	-7.9
3650	-10.8	63.2	13	-11.1
3660	-6.8	63.3	13	-15.9
3670	-5.3	63.6	13	-19.7
3680	-10.7	63.8	13	-22.3
3690	-9.1	64.1	12	-27.4
3700	-6.4	64.4	12	-31.6
3710	-9.6	64.8	12	-35.1
3720	-11.3	65.2	11	-39.6

3730	-8.8	65.7	11	-45.2
3740	-9.2	66.3	10	-55.3
3750	-14.2	66.9	10	-56.9
3760	-15.6	67.4	9	-56.9
3770	-13.3	68.0	8	-56.9
3780	-13.2	68.6	8	-56.9
3790	-14.9	69.1	7	-57.2
3800	-15.2	69.7	7	-58.0
3810	-14.2	70.3	6	-58.5
3820	-15.3	70.9	6	-58.8
3830	-15.5	71.5	5	-59.1
3840	-15.1	72.1	4	-59.3
3850	-15.2	72.7	4	-59.3
3860	-15.9	73.3	3	-59.3
3870	-16.0	73.9	3	-59.3
3880	-16.4	74.4	2	-59.6
3890	-16.8	75.0	1	-59.6
3900	-17.5	75.6	1	-59.3
3910	-17.9	76.2	0	-59.3
3920	-18.0	76.8	0	-59.3
3930	-18.0	77.4	-1	-59.6
3940	-18.6	78.0	-2	-59.6
3950	-18.6	78.6	-2	-59.6
3960	-18.6	79.2	-3	-59.6
3970	-18.8	79.8	-3	-59.9
3980	-18.8	80.4	-4	-59.6
3990	-19.0	81.0	-5	-59.6
4000	-18.7	81.6	-5	-59.6
4010	-19.3	82.2	-6	-59.6
4020	-19.7	82.8	-6	-59.6
4030	-19.9	83.4	-7	-59.6
4040	-20.1	84.0	-8	-59.6
4050	-20.3	84.6	-8	-59.6
4060	-20.5	85.2	-9	-59.6
4070	-20.7	85.8	-9	-59.6
4080	-21.0	86.4	-10	-59.6
4090	-20.7	87.0	-11	-59.6
4100	-20.5	87.6	-11	-59.9
4110	-20.6	88.2	-12	-59.9
4120	-21.2	88.8	-12	-59.6
4130	-20.3	89.4	-13	-59.6
4140	-20.3	90.0	-14	-59.6
4150	-20.6	90.6	-14	-59.9
4160	-20.9	91.2	-15	-59.6
4170	-20.9	91.7	-15	-59.6
4180	-20.6	92.3	-16	-59.6
4190	-20.9	92.9	-16	-59.9
4200	-21.3	93.5	-17	-59.9
4210	-21.8	94.1	-18	-59.6
4220	-21.6	94.7	-18	-59.9
4230	-21.6	95.3	-19	-59.9
4240	-21.7	95.9	-19	-59.9
4250	-22.1	96.5	-20	-59.6
4260	-22.0	97.1	-21	-59.6

4270	-21.8	97.7	-21	-59.9
4280	-21.8	98.3	-22	-59.9
4290	-22.2	98.9	-22	-59.6
4300	-22.2	99.5	-23	-59.6
4310	-21.8	100.1	-24	-59.6
4320	-21.8	100.7	-24	-59.9
4330	-21.6	101.3	-25	-59.9
4340	-21.7	101.9	-25	-59.9
4350	-21.4	102.5	-26	-59.6
4360	-20.9	103.1	-27	-59.9
4370	-20.7	103.7	-27	-59.9
4380	-21.4	104.3	-28	-59.6
4390	-21.4	104.9	-28	-59.6
4400	-21.0	105.5	-29	-59.6
4410	-21.2	106.1	-30	-59.9
4420	-21.7	106.7	-30	-59.9
4430	-21.3	107.3	-31	-59.9
4440	-21.0	107.9	-31	-59.9
4450	-20.9	108.5	-32	-59.6
4460	-20.7	109.1	-33	-59.9
4470	-21.2	109.7	-33	-59.6
4480	-21.4	110.3	-34	-59.9
4490	-21.3	110.9	-34	-59.9
4500	-21.2	111.5	-35	-59.9
4510	-21.8	112.1	-36	-59.9
4520	-22.1	112.7	-36	-59.9
4530	-21.8	113.3	-37	-59.6
4540	-21.6	113.9	-37	-59.9
4550	-21.4	114.5	-38	-59.9
4560	-21.7	115.1	-39	-59.6
4570	-21.4	115.7	-39	-59.6
4580	-21.4	116.3	-40	-59.9
4590	-21.3	116.9	-40	-59.9
4600	-21.6	117.5	-41	-59.9
4610	-24.3	118.0	-42	-61.4
4620	-30.6	118.5	-42	-44.4
4630	-29.3	118.9	-42	-31.9
4640	-22.6	119.2	-43	-25.2
4650	-22.9	119.4	-43	-20.2
4660	-23.9	119.6	-43	-19.9
4670	-21.8	119.8	-43	-15.9
4680	-19.8	119.9	-43	-12.7
4690	-19.3	120.0	-44	-10.1
4700	-18.2	120.0	-44	-7.9
4710	-16.4	120.1	-44	-6.1
4720	-15.2	120.2	-44	-5.0
4730	-14.4	120.2	-44	-3.9
4740	-13.0	120.2	-44	-3.1
4750	-10.7	120.2	-44	-2.3
4760	-8.1	120.3	-44	-1.5
4770	-5.2	120.3	-44	-0.7
4780	-3.1	120.3	-44	-0.5
4790	-2.4	120.3	-44	-0.5
4800	-1.4	120.3	-44	-0.2

4810	0.0	120.3	-44	0.0
4820	0.5	120.3	-44	0.0
4830	0.7	120.3	-44	0.0
4840	0.8	120.3	-44	0.0
4850	0.8	120.3	-44	0.2
4860	1.5	120.3	-44	1.0
4870	10.3	120.3	-44	2.1
4880	5.4	120.2	-44	5.5
4890	0.4	120.1	-44	8.2
4900	4.9	120.0	-44	9.0
4910	6.9	119.9	-43	12.5
4920	4.2	119.7	-43	17.5
4930	5.0	119.6	-43	20.4
4940	5.7	119.4	-43	23.4
4950	4.5	119.1	-43	26.6
4960	5.3	118.9	-42	29.5
4970	6.2	118.6	-42	32.7
4980	5.2	118.2	-42	36.4
4990	5.3	117.9	-41	36.2
5000	6.8	117.5	-41	39.4
5010	6.2	117.1	-41	42.8
5020	5.7	116.6	-40	46.8
5030	6.4	116.1	-40	50.0
5040	6.4	115.6	-39	53.5
5050	6.1	115.0	-39	57.5
5060	6.2	114.4	-38	60.4
5070	9.2	113.8	-37	60.6
5080	10.0	113.2	-37	60.9
5090	9.2	112.6	-36	60.9
5100	9.4	112.0	-36	60.9
5110	10.3	111.4	-35	60.6
5120	10.3	110.8	-34	60.9
5130	10.3	110.2	-34	60.6
5140	9.9	109.6	-33	60.6
5150	10.0	109.0	-33	60.6
5160	10.3	108.4	-32	60.6
5170	10.4	107.8	-31	60.6
5180	9.9	107.1	-31	60.6
5190	10.2	106.5	-30	60.9
5200	10.8	105.9	-29	60.6
5210	11.0	105.3	-29	60.9
5220	10.8	104.7	-28	60.6
5230	11.1	104.1	-28	60.9
5240	11.4	103.5	-27	60.9
5250	11.3	102.9	-26	60.9
5260	10.8	102.3	-26	60.9
5270	10.6	101.7	-25	60.9
5280	10.8	101.0	-25	61.2
5290	11.0	100.4	-24	60.9
5300	10.8	99.8	-23	60.9
5310	11.4	99.2	-23	60.9
5320	11.1	98.6	-22	60.9
5330	11.3	98.0	-22	60.6
5340	11.0	97.4	-21	60.9

5350	10.6	96.8	-20	60.9
5360	10.3	96.2	-20	60.9
5370	10.3	95.6	-19	60.9
5380	10.2	95.0	-19	60.9
5390	10.0	94.3	-18	60.9
5400	10.3	93.7	-17	60.9
5410	10.0	93.1	-17	60.9
5420	10.4	92.5	-16	60.6
5430	10.3	91.9	-15	60.9
5440	10.3	91.3	-15	60.9
5450	10.0	90.7	-14	60.9
5460	10.3	90.1	-14	60.6
5470	10.3	89.5	-13	60.6
5480	10.4	88.9	-12	60.9
5490	10.4	88.3	-12	60.6
5500	10.4	87.7	-11	60.6
5510	10.2	87.0	-11	60.9
5520	10.7	86.4	-10	60.9
5530	10.7	85.8	-9	60.9
5540	11.0	85.2	-9	60.9
5550	11.3	84.6	-8	60.9
5560	11.0	84.0	-8	60.9
5570	10.8	83.4	-7	60.9
5580	11.1	82.8	-6	60.9
5590	10.7	82.2	-6	60.9
5600	10.8	81.6	-5	60.9
5610	11.0	81.0	-5	60.9
5620	10.7	80.3	-4	60.9
5630	11.0	79.7	-3	60.9
5640	11.4	79.1	-3	60.6
5650	11.1	78.5	-2	60.9
5660	11.1	77.9	-1	60.9
5670	11.4	77.3	-1	60.9
5680	11.4	76.7	0	60.9
5690	11.1	76.1	0	60.9
5700	11.1	75.5	1	60.9
5710	10.6	74.9	2	61.2
5720	10.4	74.2	2	60.9
5730	10.6	73.6	3	60.6
5740	10.0	73.0	3	60.9
5750	10.0	72.4	4	60.9
5760	10.0	71.8	5	60.9
5770	10.0	71.2	5	60.9
5780	9.8	70.6	6	60.9
5790	9.5	70.0	6	60.9
5800	9.1	69.4	7	60.9
5810	8.9	68.8	8	60.6
5820	8.3	68.2	8	60.6
5830	8.3	67.6	9	60.9
5840	8.1	66.9	10	60.6
5850	7.7	66.3	10	60.4
5860	7.2	65.7	11	60.4
5870	12.2	65.2	11	59.1
5880	15.2	64.7	12	44.4

5890	11.5	64.4	12	31.9
5900	9.4	64.1	12	27.9
5910	9.2	63.8	13	19.9
5920	8.1	63.6	13	19.7
5930	7.1	63.5	13	14.1
5940	5.6	63.4	13	10.1
5950	3.7	63.3	13	9.8
5960	3.3	63.2	13	7.1
5970	3.3	63.1	13	5.0
5980	2.4	63.1	13	5.0
5990	1.9	63.0	13	3.9
6000	1.6	63.0	13	2.9
6010	1.1	63.0	13	2.6
6020	0.1	63.0	13	2.3
6030	0.0	62.9	14	2.6
6040	-0.7	62.9	14	2.6
6050	-1.1	62.9	14	1.5
6060	-2.2	62.9	14	0.5
6070	-15.6	62.9	14	-1.0
6080	-8.4	62.9	14	-3.9
6090	-1.5	63.0	13	-7.1
6100	-9.6	63.1	13	-10.1
6110	-11.3	63.2	13	-14.9
6120	-7.3	63.4	13	-21.2
6130	-8.0	63.6	13	-26.3
6140	-12.7	63.9	13	-31.1
6150	-10.6	64.2	12	-38.3
6160	-8.4	64.6	12	-44.7
6170	-12.1	65.1	11	-50.3
6180	-13.0	65.6	11	-56.9
6190	-11.9	66.1	10	-62.8
6200	-16.5	66.7	10	-57.2
6210	-19.1	67.3	9	-57.5
6220	-16.8	67.9	9	-58.0
6230	-17.0	68.4	8	-58.8
6240	-19.0	69.0	7	-59.1
6250	-19.1	69.6	7	-59.3
6260	-18.8	70.2	6	-59.3
6270	-19.0	70.8	6	-59.6
6280	-18.4	71.4	5	-59.3
6290	-17.9	72.0	4	-59.3
6300	-17.8	72.6	4	-59.1
6310	-17.6	73.2	3	-59.3
6320	-17.5	73.8	3	-59.3
6330	-18.0	74.4	2	-59.6
6340	-18.7	75.0	1	-59.6
6350	-19.0	75.6	1	-59.3
6360	-19.3	76.2	0	-59.3
6370	-19.0	76.8	0	-59.3
6380	-18.7	77.3	-1	-59.3
6390	-18.6	77.9	-1	-59.3
6400	-18.3	78.5	-2	-59.3
6410	-18.0	79.1	-3	-59.3
6420	-18.2	79.7	-3	-59.6

6430	-18.2	80.3	-4	-59.6
6440	-18.4	80.9	-4	-59.3
6450	-18.6	81.5	-5	-59.3
6460	-19.0	82.1	-6	-59.6
6470	-19.1	82.7	-6	-59.6
6480	-19.1	83.3	-7	-59.3
6490	-19.1	83.9	-7	-59.3
6500	-19.0	84.5	-8	-59.6
6510	-19.1	85.1	-9	-59.6
6520	-19.5	85.7	-9	-59.6
6530	-20.2	86.3	-10	-59.6
6540	-20.3	86.9	-10	-59.6
6550	-20.9	87.5	-11	-59.6
6560	-21.6	88.1	-12	-59.6
6570	-22.2	88.7	-12	-59.9
6580	-22.1	89.3	-13	-59.6
6590	-21.7	89.9	-13	-59.9
6600	-22.4	90.5	-14	-59.9
6610	-22.6	91.1	-15	-59.9
6620	-22.9	91.7	-15	-59.6
6630	-23.1	92.2	-16	-59.9
6640	-23.3	92.8	-16	-59.9
6650	-24.0	93.4	-17	-59.9
6660	-24.5	94.0	-18	-59.9
6670	-25.0	94.6	-18	-59.9
6680	-24.8	95.2	-19	-59.9
6690	-24.8	95.8	-19	-59.9
6700	-25.1	96.4	-20	-59.9
6710	-25.0	97.0	-21	-59.6
6720	-24.7	97.6	-21	-59.9
6730	-24.7	98.2	-22	-60.1
6740	-25.2	98.8	-22	-59.9
6750	-25.4	99.4	-23	-59.9
6760	-25.4	100.0	-24	-59.9
6770	-25.4	100.6	-24	-59.9
6780	-25.6	101.2	-25	-60.1
6790	-25.9	101.8	-25	-59.9
6800	-25.6	102.4	-26	-59.9
6810	-25.0	103.0	-27	-59.9
6820	-25.4	103.6	-27	-59.9
6830	-25.8	104.2	-28	-60.1
6840	-25.8	104.8	-28	-60.1
6850	-25.2	105.4	-29	-59.9
6860	-25.4	106.0	-30	-59.9
6870	-26.0	106.6	-30	-60.1
6880	-25.9	107.2	-31	-60.1
6890	-25.5	107.8	-31	-60.1
6900	-25.2	108.4	-32	-60.1
6910	-24.8	109.0	-33	-60.1
6920	-25.0	109.6	-33	-59.9
6930	-24.8	110.2	-34	-59.9
6940	-24.5	110.8	-34	-59.9
6950	-24.4	111.4	-35	-59.9
6960	-24.7	112.0	-36	-59.9

6970	-25.1	112.6	-36	-59.9
6980	-24.7	113.2	-37	-59.9
6990	-24.5	113.8	-37	-59.9
7000	-24.7	114.4	-38	-59.9
7010	-25.0	115.0	-39	-59.9
7020	-24.5	115.6	-39	-59.9
7030	-24.1	116.2	-40	-59.9
7040	-23.7	116.8	-40	-60.1
7050	-23.6	117.4	-41	-59.9
7060	-25.2	118.0	-42	-62.2
7070	-31.6	118.5	-42	-44.9
7080	-30.2	118.8	-42	-32.7
7090	-22.9	119.1	-43	-25.8
7100	-22.2	119.4	-43	-20.4
7110	-22.4	119.6	-43	-16.5
7120	-19.7	119.7	-43	-13.0
7130	-15.9	119.9	-43	-10.1
7140	-13.7	120.0	-44	-8.2
7150	-11.7	120.0	-44	-6.3
7160	-9.2	120.1	-44	-4.7
7170	-6.9	120.1	-44	-3.7
7180	-5.4	120.2	-44	-2.9
7190	-4.6	120.2	-44	-2.3
7200	-3.0	120.2	-44	-1.8
7210	-1.4	120.2	-44	-1.3
7220	-0.5	120.3	-44	-1.0
7230	0.0	120.3	-44	-0.7
7240	0.7	120.3	-44	-0.7
7250	0.8	120.3	-44	-0.2
7260	0.9	120.3	-44	-0.2
7270	7.3	120.3	-44	1.0
7280	11.5	120.2	-44	4.7
7290	3.1	120.1	-44	9.0
7300	1.2	120.0	-44	10.9
7310	8.5	119.9	-43	11.7
7320	6.8	119.7	-43	18.9
7330	4.5	119.5	-43	22.8
7340	7.6	119.3	-43	26.0
7350	6.9	119.0	-43	30.0
7360	6.2	118.7	-42	34.3
7370	8.4	118.4	-42	38.3
7380	8.0	118.0	-42	43.3
7390	7.2	117.6	-41	48.4
7400	9.1	117.1	-41	48.1
7410	8.3	116.6	-40	52.9
7420	7.7	116.0	-40	58.0
7430	10.0	115.4	-39	60.9
7440	12.5	114.8	-38	60.9
7450	12.2	114.2	-38	60.9
7460	11.4	113.6	-37	60.9
7470	12.2	113.0	-37	60.9
7480	12.3	112.4	-36	60.9
7490	12.9	111.8	-35	60.9
7500	13.0	111.1	-35	60.9

7510	12.7	110.5	-34	60.9
7520	12.2	109.9	-33	60.9
7530	12.2	109.3	-33	60.9
7540	12.9	108.7	-32	60.9
7550	13.2	108.1	-32	60.9
7560	13.2	107.5	-31	60.9
7570	12.9	106.9	-30	60.9
7580	13.4	106.3	-30	61.2
7590	13.7	105.7	-29	60.9
7600	13.0	105.0	-29	60.9
7610	12.9	104.4	-28	60.9
7620	12.7	103.8	-27	60.9
7630	13.0	103.2	-27	60.9
7640	12.3	102.6	-26	60.9
7650	11.8	102.0	-26	60.9
7660	12.1	101.4	-25	60.9
7670	12.5	100.8	-24	61.2
7680	12.1	100.2	-24	60.9
7690	12.2	99.6	-23	60.9
7700	11.8	98.9	-22	60.9
7710	11.8	98.3	-22	60.9
7720	11.5	97.7	-21	60.9
7730	11.7	97.1	-21	60.9
7740	10.8	96.5	-20	60.9
7750	10.7	95.9	-19	60.9
7760	11.0	95.3	-19	60.6
7770	11.0	94.7	-18	60.9
7780	11.0	94.1	-18	60.9
7790	11.4	93.5	-17	60.9
7800	11.4	92.8	-16	60.6
7810	11.1	92.2	-16	60.9
7820	11.3	91.6	-15	60.9
7830	11.1	91.0	-15	60.9
7840	11.0	90.4	-14	60.9
7850	11.1	89.8	-13	60.9
7860	11.3	89.2	-13	60.9
7870	11.3	88.6	-12	60.9
7880	11.3	88.0	-12	60.9
7890	11.4	87.4	-11	60.9
7900	11.4	86.8	-10	60.6
7910	11.4	86.2	-10	60.9
7920	11.7	85.5	-9	60.9
7930	11.9	84.9	-8	61.2
7940	11.4	84.3	-8	60.9
7950	11.4	83.7	-7	60.9
7960	11.8	83.1	-7	60.9
7970	11.9	82.5	-6	60.9
7980	11.9	81.9	-5	60.9
7990	12.3	81.3	-5	60.9
8000	12.6	80.7	-4	61.2
8010	12.6	80.1	-4	60.9
8020	13.0	79.4	-3	60.9
8030	12.3	78.8	-2	60.9
8040	12.2	78.2	-2	60.9

8050	12.1	77.6	-1	60.9
8060	11.9	77.0	-1	60.6
8070	11.3	76.4	0	60.6
8080	11.1	75.8	1	60.9
8090	11.0	75.2	1	60.9
8100	11.3	74.6	2	60.9
8110	11.1	74.0	2	60.6
8120	11.3	73.3	3	60.9
8130	11.1	72.7	4	60.9
8140	11.4	72.1	4	60.9
8150	10.6	71.5	5	60.9
8160	10.2	70.9	6	60.9
8170	9.6	70.3	6	60.6
8180	9.4	69.7	7	60.6
8190	8.9	69.1	7	60.6
8200	8.8	68.5	8	60.6
8210	8.7	67.9	9	60.6
8220	8.5	67.3	9	60.9
8230	8.4	66.7	10	60.6
8240	8.4	66.0	10	60.6
8250	9.2	65.5	11	53.2
8260	15.7	65.0	11	44.4
8270	15.1	64.5	12	43.6
8280	10.7	64.2	12	31.6
8290	10.6	63.9	13	27.6
8300	10.6	63.7	13	19.9
8310	9.1	63.5	13	14.3
8320	8.0	63.4	13	12.7
8330	6.1	63.3	13	9.0
8340	4.7	63.2	13	8.7
8350	4.6	63.1	13	6.3
8360	3.7	63.1	13	4.5
8370	2.6	63.0	13	4.5
8380	2.0	63.0	13	2.9
8390	1.5	63.0	13	2.3
8400	0.5	63.0	13	1.8
8410	0.0	62.9	14	2.1
8420	-0.5	62.9	14	2.3
8430	-0.8	62.9	14	1.5
8440	-1.1	62.9	14	0.5
8450	-7.6	62.9	14	0.2
8460	-10.7	62.9	14	-1.8
8470	-3.8	62.9	14	-3.7
8480	-3.7	63.0	13	-6.1
8490	-9.2	63.1	13	-7.7
8500	-7.9	63.2	13	-11.9
8510	-6.2	63.4	13	-19.4
8520	-8.8	63.6	13	-23.4
8530	-9.2	63.8	13	-28.2
8540	-7.6	64.1	12	-33.8
8550	-8.8	64.5	12	-38.6
8560	-10.7	64.8	12	-43.9
8570	-9.5	65.3	11	-50.3
8580	-9.4	65.8	11	-56.1

8590	-11.9	66.3	10	-56.4
8600	-16.3	66.9	10	-56.9
8610	-17.0	67.5	9	-57.2
8620	-16.1	68.1	8	-57.2
8630	-16.5	68.6	8	-57.5
8640	-16.7	69.2	7	-58.5
8650	-17.1	69.8	7	-58.8
8660	-18.2	70.4	6	-59.1
8670	-18.2	71.0	5	-59.3
8680	-17.9	71.6	5	-59.3
8690	-18.7	72.2	4	-59.3
8700	-19.5	72.8	4	-59.3
8710	-19.7	73.4	3	-59.3
8720	-19.8	73.9	3	-59.3
8730	-20.7	74.5	2	-59.6
8740	-21.4	75.1	1	-59.6
8750	-22.0	75.7	1	-59.6
8760	-22.4	76.3	0	-59.6
8770	-22.5	76.9	0	-59.6
8780	-22.5	77.5	-1	-59.6
8790	-22.8	78.1	-2	-59.6
8800	-22.8	78.7	-2	-59.3
8810	-23.2	79.3	-3	-59.6
8820	-23.3	79.9	-3	-59.6
8830	-23.7	80.5	-4	-59.6
8840	-24.0	81.1	-5	-59.6
8850	-23.7	81.7	-5	-59.9
8860	-23.9	82.3	-6	-59.9
8870	-23.9	82.9	-6	-59.9
8880	-24.3	83.5	-7	-59.6
8890	-24.4	84.1	-8	-59.6
8900	-24.3	84.7	-8	-59.9
8910	-24.0	85.3	-9	-59.9
8920	-24.7	85.9	-9	-59.6
8930	-25.0	86.5	-10	-59.9
8940	-24.5	87.1	-11	-59.9
8950	-24.1	87.7	-11	-59.9
8960	-24.8	88.3	-12	-59.9
8970	-25.2	88.9	-12	-59.9
8980	-24.5	89.5	-13	-59.6
8990	-24.3	90.1	-14	-59.9
9000	-24.8	90.7	-14	-59.9
9010	-25.2	91.3	-15	-59.9
9020	-25.0	91.9	-15	-59.9
9030	-25.1	92.5	-16	-59.9
9040	-25.2	93.1	-17	-59.9
9050	-25.6	93.7	-17	-59.6
9060	-25.9	94.3	-18	-59.6
9070	-25.8	94.8	-18	-59.6
9080	-25.9	95.4	-19	-59.9
9090	-26.0	96.0	-20	-59.9
9100	-26.3	96.6	-20	-59.6
9110	-26.3	97.2	-21	-59.6
9120	-25.9	97.8	-21	-59.9

9130	-25.9	98.4	-22	-59.9
9140	-26.7	99.0	-23	-59.9
9150	-26.7	99.6	-23	-59.6
9160	-26.6	100.2	-24	-59.9
9170	-26.7	100.8	-24	-60.1
9180	-27.1	101.4	-25	-59.9
9190	-26.8	102.0	-26	-59.9
9200	-26.7	102.6	-26	-59.6
9210	-26.2	103.2	-27	-59.9
9220	-26.2	103.8	-27	-59.9
9230	-26.4	104.4	-28	-59.9
9240	-26.2	105.0	-29	-59.9
9250	-26.0	105.6	-29	-59.9
9260	-26.4	106.2	-30	-59.9
9270	-26.7	106.8	-30	-59.9
9280	-26.4	107.4	-31	-59.9
9290	-26.4	108.0	-32	-59.9
9300	-26.0	108.6	-32	-60.1
9310	-26.0	109.2	-33	-59.9
9320	-26.0	109.8	-33	-59.9
9330	-25.8	110.4	-34	-59.9
9340	-25.2	111.0	-35	-59.9
9350	-25.4	111.6	-35	-59.9
9360	-26.0	112.2	-36	-59.6
9370	-25.9	112.8	-36	-59.6
9380	-25.4	113.4	-37	-59.6
9390	-24.7	114.0	-38	-59.6
9400	-24.8	114.6	-38	-59.9
9410	-24.0	115.2	-39	-59.6
9420	-23.6	115.8	-39	-59.9
9430	-22.9	116.4	-40	-59.6
9440	-22.1	117.0	-41	-59.9
9450	-21.4	117.6	-41	-59.3
9460	-25.6	118.1	-42	-57.7
9470	-28.7	118.6	-42	-42.3
9480	-24.8	118.9	-42	-30.6
9490	-18.7	119.2	-43	-23.9
9500	-19.0	119.4	-43	-19.4
9510	-18.3	119.6	-43	-15.4
9520	-14.0	119.8	-43	-12.2
9530	-10.6	119.9	-43	-9.5
9540	-10.0	120.0	-44	-7.7
9550	-8.8	120.0	-44	-6.9
9560	-6.8	120.1	-44	-5.8
9570	-5.3	120.1	-44	-4.2
9580	-4.2	120.2	-44	-3.1
9590	-3.4	120.2	-44	-2.6
9600	-2.3	120.2	-44	-1.8
9610	-1.2	120.2	-44	-1.5
9620	-0.3	120.3	-44	-1.0
9630	0.3	120.3	-44	-0.7
9640	0.7	120.3	-44	-0.7
9650	0.8	120.3	-44	-0.2
9660	1.1	120.3	-44	0.2

9670	10.8	120.3	-44	0.2
9680	7.5	120.2	-44	5.0
9690	0.7	120.2	-44	8.2
9700	1.9	120.1	-44	8.7
9710	8.3	120.0	-44	10.1
9720	4.7	119.8	-43	13.5
9730	3.5	119.6	-43	16.5
9740	7.3	119.4	-43	18.3
9750	5.8	119.2	-43	21.5
9760	5.4	118.9	-42	24.4
9770	7.6	118.7	-42	27.4
9780	6.5	118.3	-42	30.8
9790	5.8	118.0	-42	34.0
9800	7.6	117.5	-41	41.2
9810	7.7	117.1	-41	45.5
9820	6.9	116.6	-40	50.0
9830	7.7	116.1	-40	54.0
9840	7.7	115.5	-39	58.5
9850	9.1	114.9	-38	60.6
9860	11.8	114.3	-38	60.9
9870	11.5	113.7	-37	60.9
9880	11.1	113.1	-37	60.9
9890	11.4	112.4	-36	60.9
9900	12.5	111.8	-35	60.9
9910	12.5	111.2	-35	60.9
9920	12.2	110.6	-34	60.9
9930	12.1	110.0	-34	60.9
9940	12.6	109.4	-33	61.2
9950	12.9	108.8	-32	60.9
9960	12.6	108.2	-32	60.9
9970	12.7	107.6	-31	60.9
9980	13.3	107.0	-31	61.2
9990	13.3	106.3	-30	60.9
10000	13.8	105.7	-29	60.9
10010	13.6	105.1	-29	60.9
10020	13.8	104.5	-28	60.9
10030	13.7	103.9	-27	61.2
10040	14.0	103.3	-27	61.2
10050	13.8	102.7	-26	61.2
10060	13.4	102.1	-26	61.2
10070	13.4	101.5	-25	60.9
10080	13.3	100.8	-24	60.9
10090	12.9	100.2	-24	60.9
10100	12.7	99.6	-23	60.9
10110	12.7	99.0	-23	60.9
10120	12.6	98.4	-22	60.9
10130	12.3	97.8	-21	60.9
10140	12.2	97.2	-21	60.9
10150	11.7	96.6	-20	60.9
10160	11.7	96.0	-20	60.9
10170	12.2	95.4	-19	60.9
10180	11.8	94.7	-18	60.9
10190	11.8	94.1	-18	60.9
10200	11.8	93.5	-17	60.9

10210	12.2	92.9	-16	60.9
10220	11.7	92.3	-16	60.9
10230	11.8	91.7	-15	60.6
10240	11.4	91.1	-15	60.9
10250	11.5	90.5	-14	60.9
10260	11.7	89.9	-13	60.9
10270	11.7	89.3	-13	60.6
10280	11.4	88.7	-12	60.9
10290	11.7	88.0	-12	60.9
10300	11.5	87.4	-11	60.9
10310	11.5	86.8	-10	60.6
10320	11.5	86.2	-10	60.9
10330	11.9	85.6	-9	61.2
10340	11.9	85.0	-9	60.9
10350	11.7	84.4	-8	60.9
10360	11.7	83.8	-7	60.9
10370	12.2	83.2	-7	61.2
10380	12.3	82.6	-6	60.9
10390	12.1	81.9	-5	60.9
10400	12.2	81.3	-5	60.9
10410	12.6	80.7	-4	60.9
10420	12.6	80.1	-4	60.9
10430	12.9	79.5	-3	60.9
10440	12.5	78.9	-2	60.9
10450	12.3	78.3	-2	60.9
10460	12.5	77.7	-1	60.9
10470	13.0	77.1	-1	60.9
10480	12.5	76.5	0	60.9
10490	12.5	75.8	1	61.2
10500	12.3	75.2	1	61.2
10510	12.5	74.6	2	61.2
10520	12.1	74.0	2	60.9
10530	11.8	73.4	3	60.6
10540	11.7	72.8	4	60.9
10550	11.9	72.2	4	61.2
10560	12.1	71.6	5	60.9
10570	11.9	71.0	5	60.6
10580	11.4	70.4	6	60.9
10590	11.1	69.7	7	60.9
10600	10.7	69.1	7	60.9
10610	11.0	68.5	8	60.9
10620	10.7	67.9	9	60.9
10630	10.3	67.3	9	60.9
10640	9.9	66.7	10	60.9
10650	9.5	66.1	10	60.6
10660	9.8	65.5	11	53.7
10670	16.5	65.0	11	45.2
10680	16.5	64.6	12	37.0
10690	12.2	64.2	12	32.4
10700	12.3	63.9	13	23.1
10710	12.2	63.7	13	22.6
10720	10.7	63.5	13	16.7
10730	10.0	63.4	13	14.1
10740	8.7	63.3	13	10.3

10750	7.2	63.2	13	7.7
10760	6.9	63.1	13	5.8
10770	5.6	63.1	13	5.5
10780	4.2	63.0	13	4.2
10790	3.8	63.0	13	2.9
10800	2.7	63.0	13	2.6
10810	1.2	62.9	14	2.3
10820	0.0	62.9	14	2.3
10830	0.0	62.9	14	2.1
10840	-0.7	62.9	14	0.0
10850	-1.1	62.9	14	0.7
10860	-2.4	62.9	14	1.3
10870	-15.6	62.9	14	-1.3
10880	-7.7	62.9	14	-3.9
10890	-1.1	63.0	13	-6.1
10900	-9.9	63.0	13	-7.1
10910	-11.4	63.2	13	-11.1
10920	-5.4	63.3	13	-20.7
10930	-8.8	63.6	13	-24.7
10940	-14.5	63.8	13	-29.8
10950	-9.6	64.1	12	-38.0
10960	-8.4	64.5	12	-44.1
10970	-14.8	65.0	11	-49.5
10980	-13.8	65.5	11	-57.7
10990	-12.1	66.0	10	-62.5
11000	-18.6	66.6	10	-57.2
11010	-20.3	67.2	9	-58.3
11020	-16.7	67.8	9	-58.3
11030	-17.9	68.4	8	-58.8
11040	-20.3	69.0	7	-59.3
11050	-20.3	69.6	7	-59.3
11060	-19.8	70.1	6	-59.3
11070	-20.9	70.7	6	-59.3
11080	-21.4	71.3	5	-59.6
11090	-20.7	71.9	5	-59.6
11100	-21.4	72.5	4	-59.3
11110	-21.7	73.1	3	-59.3
11120	-21.6	73.7	3	-59.6
11130	-22.0	74.3	2	-59.6
11140	-22.5	74.9	2	-59.3
11150	-22.8	75.5	1	-59.3
11160	-23.2	76.1	0	-59.3
11170	-22.9	76.7	0	-59.3
11180	-23.1	77.3	-1	-59.6
11190	-23.1	77.9	-1	-59.6
11200	-22.9	78.5	-2	-59.6
11210	-22.4	79.1	-3	-59.3
11220	-22.6	79.7	-3	-59.6
11230	-23.1	80.3	-4	-59.6
11240	-22.6	80.9	-4	-59.3
11250	-22.8	81.4	-5	-59.6
11260	-23.1	82.0	-6	-59.6
11270	-23.5	82.6	-6	-59.6
11280	-23.5	83.2	-7	-59.6

11290	-23.6	83.8	-7	-59.6
11300	-24.0	84.4	-8	-59.6
11310	-23.9	85.0	-9	-59.6
11320	-23.9	85.6	-9	-59.6
11330	-24.0	86.2	-10	-59.6
11340	-24.1	86.8	-10	-59.3
11350	-24.0	87.4	-11	-59.6
11360	-24.5	88.0	-12	-59.9
11370	-25.2	88.6	-12	-59.6
11380	-25.1	89.2	-13	-59.6
11390	-24.5	89.8	-13	-59.6
11400	-25.2	90.4	-14	-59.9
11410	-25.5	91.0	-15	-59.6
11420	-25.2	91.6	-15	-59.3
11430	-25.4	92.2	-16	-59.9
11440	-25.6	92.8	-16	-59.9
11450	-25.9	93.4	-17	-59.6
11460	-25.9	94.0	-18	-59.6
11470	-26.2	94.6	-18	-59.3
11480	-26.0	95.2	-19	-59.9
11490	-26.3	95.8	-19	-59.9
11500	-26.4	96.4	-20	-59.6
11510	-26.6	97.0	-21	-59.6
11520	-26.2	97.6	-21	-59.6
11530	-26.0	98.2	-22	-59.9
11540	-26.0	98.8	-22	-59.6
11550	-26.2	99.4	-23	-59.6
11560	-26.0	99.9	-23	-59.6
11570	-26.3	100.5	-24	-59.6
11580	-26.8	101.1	-25	-59.9
11590	-27.1	101.7	-25	-59.9
11600	-27.1	102.3	-26	-59.9
11610	-26.4	102.9	-26	-59.6
11620	-26.8	103.5	-27	-59.9
11630	-27.0	104.1	-28	-59.9
11640	-27.1	104.7	-28	-59.9
11650	-26.4	105.3	-29	-59.9
11660	-26.6	105.9	-29	-59.6
11670	-27.1	106.5	-30	-59.9
11680	-27.3	107.1	-31	-59.9
11690	-27.3	107.7	-31	-59.6
11700	-27.4	108.3	-32	-59.9
11710	-27.4	108.9	-32	-59.9
11720	-27.4	109.5	-33	-59.9
11730	-27.7	110.1	-34	-59.6
11740	-27.4	110.7	-34	-59.9
11750	-26.8	111.3	-35	-59.6
11760	-27.0	111.9	-35	-59.9
11770	-27.4	112.5	-36	-59.6
11780	-27.0	113.1	-37	-59.9
11790	-26.4	113.7	-37	-59.9
11800	-26.0	114.3	-38	-59.9
11810	-25.6	114.9	-38	-59.6
11820	-25.4	115.5	-39	-59.6

11830	-24.4	116.1	-40	-59.6
11840	-23.5	116.7	-40	-59.6
11850	-22.5	117.3	-41	-59.6
11860	-22.9	117.8	-41	-52.1
11870	-29.3	118.3	-42	-42.3
11880	-28.6	118.8	-42	-41.7
11890	-22.1	119.1	-43	-33.0
11900	-20.6	119.3	-43	-24.2
11910	-21.4	119.5	-43	-17.3
11920	-19.1	119.7	-43	-13.8
11930	-15.2	119.8	-43	-10.9
11940	-13.3	119.9	-43	-8.5
11950	-12.2	120.0	-44	-6.9
11960	-10.4	120.1	-44	-5.3
11970	-8.5	120.1	-44	-4.2
11980	-7.5	120.2	-44	-3.7
11990	-6.9	120.2	-44	-3.4
12000	-5.6	120.2	-44	-2.3
12010	-3.4	120.2	-44	-2.1
12020	-1.6	120.3	-44	-1.3
12030	-0.4	120.3	-44	-0.7
12040	0.4	120.3	-44	-0.7
12050	0.8	120.3	-44	-0.5
12060	0.8	120.3	-44	0.0
12070	1.2	120.3	-44	0.0
12080	14.1	120.3	-44	1.8
12090	8.3	120.2	-44	7.7
12100	0.4	120.1	-44	12.5
12110	5.2	120.0	-44	13.5
12120	9.1	119.9	-43	14.6
12130	5.3	119.7	-43	17.8
12140	5.8	119.5	-43	20.4
12150	8.5	119.2	-43	23.4
12160	6.5	118.9	-42	27.1
12170	7.6	118.6	-42	30.3
12180	9.5	118.2	-42	34.3
12190	7.3	117.8	-41	38.8
12200	8.5	117.3	-41	47.6
12210	10.0	116.8	-40	52.4
12220	8.3	116.2	-40	57.7
12230	9.9	115.6	-39	60.6
12240	14.4	115.0	-39	61.2
12250	13.4	114.4	-38	61.2
12260	12.1	113.8	-37	60.9
12270	13.3	113.2	-37	60.9
12280	13.4	112.6	-36	61.2
12290	13.3	112.0	-36	61.2
12300	14.1	111.4	-35	60.9
12310	13.6	110.8	-34	60.9
12320	13.3	110.1	-34	60.9
12330	13.0	109.5	-33	61.2
12340	13.2	108.9	-32	60.9
12350	13.2	108.3	-32	60.9
12360	13.6	107.7	-31	60.9

12370	13.4	107.1	-31	60.9
12380	13.2	106.5	-30	60.9
12390	13.8	105.9	-29	60.9
12400	13.7	105.3	-29	60.9
12410	12.6	104.6	-28	60.9
12420	12.6	104.0	-28	61.2
12430	12.7	103.4	-27	61.2
12440	12.7	102.8	-26	60.9
12450	12.3	102.2	-26	61.2
12460	12.6	101.6	-25	60.9
12470	12.6	101.0	-25	60.9
12480	12.5	100.4	-24	60.9
12490	12.6	99.8	-23	60.9
12500	12.7	99.2	-23	61.2
12510	12.1	98.5	-22	60.9
12520	12.1	97.9	-21	60.9
12530	12.2	97.3	-21	60.9
12540	12.1	96.7	-20	60.9
12550	11.4	96.1	-20	60.9
12560	11.8	95.5	-19	60.9
12570	11.4	94.9	-18	60.9
12580	11.3	94.3	-18	60.9
12590	11.4	93.7	-17	60.9
12600	11.4	93.1	-17	60.9
12610	10.8	92.5	-16	60.6
12620	10.7	91.8	-15	60.6
12630	10.6	91.2	-15	60.9
12640	10.7	90.6	-14	60.9
12650	10.8	90.0	-14	60.9
12660	10.8	89.4	-13	60.6
12670	10.7	88.8	-12	60.6
12680	11.0	88.2	-12	60.9
12690	11.1	87.6	-11	60.9
12700	10.6	87.0	-11	60.6
12710	10.6	86.4	-10	60.9
12720	10.6	85.8	-9	60.9
12730	10.7	85.1	-9	60.9
12740	10.8	84.5	-8	60.9
12750	10.7	83.9	-7	60.9
12760	10.8	83.3	-7	60.9
12770	11.0	82.7	-6	60.9
12780	10.8	82.1	-6	60.9
12790	11.1	81.5	-5	60.6
12800	11.1	80.9	-4	60.9
12810	10.8	80.3	-4	60.6
12820	10.7	79.7	-3	60.9
12830	11.1	79.1	-3	60.6
12840	11.1	78.4	-2	60.9
12850	11.1	77.8	-1	60.9
12860	11.1	77.2	-1	60.9
12870	11.1	76.6	0	60.9
12880	11.1	76.0	0	60.9
12890	11.5	75.4	1	60.9
12900	11.1	74.8	2	60.9

12910	11.0	74.2	2	60.9
12920	10.8	73.6	3	60.9
12930	11.0	73.0	3	60.9
12940	10.8	72.4	4	60.9
12950	11.0	71.7	5	60.9
12960	10.6	71.1	5	60.6
12970	10.4	70.5	6	60.6
12980	10.0	69.9	7	60.9
12990	9.8	69.3	7	60.9
13000	9.6	68.7	8	60.6
13010	9.4	68.1	8	60.6
13020	8.9	67.5	9	60.9
13030	8.7	66.9	10	60.9
13040	8.1	66.3	10	60.6
13050	7.9	65.7	11	54.5
13060	13.7	65.1	11	47.1
13070	15.9	64.7	12	39.1
13080	11.7	64.3	12	38.0
13090	10.7	64.0	12	27.4
13100	10.3	63.8	13	19.7
13110	8.3	63.6	13	19.4
13120	7.5	63.4	13	12.2
13130	6.0	63.3	13	11.7
13140	3.9	63.2	13	9.0
13150	3.3	63.2	13	6.3
13160	3.1	63.1	13	5.0
13170	2.3	63.1	13	3.9
13180	1.6	63.0	13	3.7
13190	1.1	63.0	13	2.9
13200	0.3	63.0	13	2.1
13210	0.0	62.9	14	2.1
13220	-0.7	62.9	14	1.8
13230	-1.1	62.9	14	1.5
13240	-1.6	62.9	14	0.0
13250	-16.5	62.9	14	-0.5
13260	-9.8	62.9	14	-3.9
13270	-2.3	63.0	13	-7.7
13280	-8.1	63.1	13	-8.7
13290	-12.5	63.2	13	-12.7
13300	-7.6	63.4	13	-18.3
13310	-6.5	63.6	13	-22.6
13320	-12.7	63.9	13	-26.0
13330	-10.6	64.3	12	-31.6
13340	-7.7	64.6	12	-37.0
13350	-11.3	65.1	11	-40.7
13360	-13.0	65.6	11	-46.3
13370	-11.7	66.2	10	-56.7
13380	-15.9	66.7	10	-57.2
13390	-18.4	67.3	9	-57.2
13400	-15.9	67.9	9	-58.3
13410	-15.6	68.5	8	-58.5
13420	-17.4	69.1	7	-59.3
13430	-18.3	69.7	7	-59.3
13440	-18.2	70.3	6	-59.1

13450	-18.3	70.9	6	-59.3
13460	-18.6	71.4	5	-59.3
13470	-19.0	72.0	4	-59.6
13480	-19.1	72.6	4	-59.3
13490	-19.5	73.2	3	-59.3
13500	-19.9	73.8	3	-59.3
13510	-20.7	74.4	2	-59.6
13520	-20.9	75.0	1	-59.6
13530	-21.3	75.6	1	-59.3
13540	-21.6	76.2	0	-59.3
13550	-21.8	76.8	0	-59.6
13560	-22.1	77.4	-1	-59.6
13570	-22.5	78.0	-2	-59.6
13580	-22.6	78.6	-2	-59.6
13590	-22.6	79.2	-3	-59.3
13600	-23.1	79.8	-3	-59.9
13610	-23.1	80.4	-4	-59.9
13620	-23.3	81.0	-5	-59.6
13630	-22.9	81.6	-5	-59.6
13640	-23.2	82.2	-6	-59.6
13650	-23.6	82.8	-6	-59.9
13660	-23.6	83.4	-7	-59.6
13670	-23.7	84.0	-8	-59.6
13680	-23.7	84.6	-8	-59.6
13690	-23.9	85.2	-9	-59.9
13700	-24.1	85.7	-9	-59.6
13710	-24.7	86.3	-10	-59.9
13720	-24.3	86.9	-10	-59.6
13730	-24.1	87.5	-11	-59.9
13740	-24.7	88.1	-12	-59.9
13750	-25.5	88.7	-12	-59.9
13760	-25.0	89.3	-13	-59.9
13770	-25.1	89.9	-13	-59.9
13780	-25.9	90.5	-14	-60.1
13790	-26.0	91.1	-15	-59.9
13800	-26.2	91.7	-15	-59.9
13810	-26.2	92.3	-16	-59.9
13820	-26.3	92.9	-16	-60.1
13830	-26.6	93.5	-17	-59.9
13840	-26.8	94.1	-18	-59.6
13850	-26.7	94.7	-18	-59.6
13860	-26.4	95.3	-19	-59.9
13870	-26.6	95.9	-19	-59.9
13880	-27.1	96.5	-20	-59.9
13890	-27.3	97.1	-21	-59.6
13900	-27.3	97.7	-21	-59.9
13910	-27.3	98.3	-22	-59.9
13920	-27.5	98.9	-22	-60.1
13930	-27.5	99.5	-23	-59.6
13940	-27.0	100.1	-24	-59.9
13950	-27.1	100.7	-24	-60.1
13960	-27.0	101.3	-25	-60.1
13970	-27.3	101.9	-25	-59.9
13980	-27.3	102.5	-26	-59.6

13990	-26.7	103.1	-27	-59.9
14000	-26.7	103.7	-27	-59.9
14010	-27.4	104.3	-28	-59.9
14020	-27.0	104.9	-28	-59.9
14030	-26.3	105.5	-29	-59.9
14040	-26.3	106.1	-30	-59.9
14050	-27.0	106.7	-30	-59.9
14060	-27.0	107.3	-31	-59.9
14070	-26.6	107.9	-31	-59.9
14080	-26.3	108.5	-32	-59.9
14090	-26.4	109.1	-33	-60.1
14100	-26.4	109.7	-33	-59.9
14110	-26.2	110.3	-34	-59.6
14120	-25.8	110.9	-34	-59.9
14130	-25.2	111.5	-35	-59.9
14140	-25.1	112.1	-36	-59.9
14150	-24.7	112.7	-36	-59.6
14160	-23.7	113.3	-37	-59.6
14170	-23.3	113.9	-37	-59.9
14180	-23.3	114.5	-38	-59.6
14190	-23.5	115.1	-39	-59.6
14200	-22.8	115.7	-39	-59.6
14210	-22.4	116.3	-40	-59.6
14220	-21.8	116.9	-40	-59.6
14230	-21.4	117.5	-41	-59.6
14240	-23.7	118.0	-42	-60.6
14250	-28.9	118.5	-42	-44.1
14260	-26.4	118.9	-42	-31.9
14270	-19.3	119.1	-43	-25.0
14280	-19.3	119.4	-43	-19.9
14290	-19.3	119.6	-43	-16.2
14300	-16.0	119.7	-43	-12.7
14310	-12.7	119.8	-43	-9.8
14320	-12.1	119.9	-43	-7.9
14330	-10.8	120.0	-44	-6.3
14340	-8.4	120.1	-44	-4.7
14350	-6.0	120.1	-44	-3.7
14360	-4.9	120.2	-44	-2.9
14370	-4.1	120.2	-44	-2.3
14380	-2.2	120.2	-44	-1.8
14390	-0.8	120.2	-44	-1.3
14400	-0.3	120.2	-44	-1.5
14410	0.0	120.2	-44	-1.3
14420	0.5	120.3	-44	-1.0
14430	0.8	120.3	-44	-0.2
14440	0.8	120.3	-44	0.2
14450	2.3	120.3	-44	0.0
14460	12.3	120.2	-44	3.1
14470	4.3	120.2	-44	7.7
14480	0.0	120.1	-44	9.3
14490	7.2	120.0	-44	9.8
14500	6.8	119.8	-43	12.5
14510	4.1	119.7	-43	15.9
14520	6.2	119.5	-43	18.1

14530	6.2	119.2	-43	21.2
14540	5.4	119.0	-43	24.2
14550	6.6	118.7	-42	27.1
14560	7.1	118.4	-42	30.3
14570	6.2	118.0	-42	37.5
14580	7.3	117.6	-41	45.2
14590	7.9	117.1	-41	45.2
14600	6.6	116.7	-40	49.5
14610	6.9	116.1	-40	53.5
14620	7.9	115.6	-39	57.7
14630	7.9	115.0	-39	60.9
14640	10.2	114.4	-38	60.9
14650	11.0	113.7	-37	60.6
14660	9.4	113.1	-37	60.6
14670	9.2	112.5	-36	60.6
14680	10.2	111.9	-35	60.9
14690	10.8	111.3	-35	60.6
14700	10.6	110.7	-34	60.6
14710	9.9	110.1	-34	60.9
14720	10.0	109.5	-33	60.9
14730	10.6	108.9	-32	60.6
14740	10.7	108.3	-32	60.6
14750	10.4	107.7	-31	60.9
14760	10.2	107.1	-31	60.6
14770	10.4	106.4	-30	60.9
14780	11.0	105.8	-29	60.6
14790	10.8	105.2	-29	60.6
14800	10.6	104.6	-28	60.9
14810	10.8	104.0	-28	60.9
14820	11.0	103.4	-27	60.9
14830	11.1	102.8	-26	60.9
14840	10.8	102.2	-26	60.9
14850	11.1	101.6	-25	60.9
14860	11.1	101.0	-25	60.9
14870	11.3	100.3	-24	60.6
14880	11.0	99.7	-23	60.9
14890	11.3	99.1	-23	60.9
14900	11.0	98.5	-22	60.9
14910	11.3	97.9	-21	60.6
14920	11.3	97.3	-21	60.9
14930	11.3	96.7	-20	60.6
14940	10.7	96.1	-20	60.9
14950	11.1	95.5	-19	60.9
14960	11.0	94.9	-18	60.9
14970	11.4	94.3	-18	60.9
14980	11.5	93.6	-17	61.2
14990	11.5	93.0	-17	60.9
15000	11.3	92.4	-16	60.9
15010	11.5	91.8	-15	60.6
15020	11.0	91.2	-15	60.9
15030	11.4	90.6	-14	60.9
15040	11.7	90.0	-14	60.6
15050	11.5	89.4	-13	60.9
15060	11.4	88.8	-12	60.9

15070	11.8	88.2	-12	61.2
15080	11.8	87.6	-11	60.6
15090	11.7	86.9	-10	60.9
15100	11.5	86.3	-10	60.9
15110	11.4	85.7	-9	60.9
15120	11.5	85.1	-9	60.9
15130	11.5	84.5	-8	60.9
15140	11.4	83.9	-7	60.9
15150	11.1	83.3	-7	60.9
15160	11.5	82.7	-6	60.9
15170	11.7	82.1	-6	60.6
15180	11.5	81.5	-5	60.9
15190	11.4	80.8	-4	60.9
15200	11.5	80.2	-4	60.9
15210	11.7	79.6	-3	60.9
15220	11.8	79.0	-3	60.9
15230	11.5	78.4	-2	60.9
15240	11.7	77.8	-1	60.9
15250	11.4	77.2	-1	61.2
15260	11.1	76.6	0	60.9
15270	11.3	76.0	0	60.9
15280	11.4	75.4	1	60.9
15290	10.8	74.8	2	60.9
15300	10.7	74.1	2	60.9
15310	10.8	73.5	3	60.6
15320	11.1	72.9	4	60.9
15330	10.7	72.3	4	60.9
15340	11.1	71.7	5	60.9
15350	11.3	71.1	5	60.9
15360	11.4	70.5	6	60.9
15370	11.1	69.9	7	60.9
15380	11.1	69.3	7	60.9
15390	11.0	68.7	8	60.9
15400	10.4	68.1	8	60.9
15410	10.2	67.4	9	60.9
15420	10.3	66.8	10	60.9
15430	10.0	66.2	10	60.6
15440	9.8	65.6	11	54.5
15450	16.0	65.1	11	47.1
15460	17.8	64.6	12	38.8
15470	13.7	64.3	12	37.2
15480	13.0	64.0	12	27.1
15490	13.3	63.8	13	19.4
15500	12.2	63.6	13	19.1
15510	11.7	63.4	13	13.5
15520	10.4	63.3	13	11.9
15530	8.8	63.2	13	8.7
15540	8.4	63.2	13	7.4
15550	7.7	63.1	13	5.5
15560	6.4	63.1	13	3.7
15570	5.6	63.0	13	3.7
15580	4.7	63.0	13	2.9
15590	3.3	63.0	13	2.1
15600	1.6	62.9	14	2.1

15610	0.4	62.9	14	2.1
15620	0.1	62.9	14	1.5
15630	-0.7	62.9	14	0.0
15640	-0.9	62.9	14	1.0
15650	-1.2	62.9	14	1.5
15660	-7.6	62.9	14	0.0
15670	-12.3	62.9	14	-2.1
15680	-5.2	62.9	14	-4.5
15690	-2.3	63.0	13	-6.6
15700	-9.9	63.1	13	-7.9
15710	-9.5	63.2	13	-12.5
15720	-6.1	63.4	13	-16.7
15730	-9.1	63.6	13	-20.2
15740	-11.3	63.8	13	-24.2
15750	-8.4	64.2	12	-29.8
15760	-8.1	64.5	12	-33.8
15770	-12.1	64.9	12	-38.3
15780	-10.8	65.4	11	-43.9
15790	-9.4	66.0	10	-54.8
15800	-14.9	66.5	10	-56.9
15810	-18.4	67.1	9	-57.5
15820	-16.0	67.7	9	-58.0
15830	-15.5	68.3	8	-58.3
15840	-18.0	68.9	8	-59.1
15850	-18.4	69.4	7	-59.3
15860	-17.9	70.0	6	-59.1
15870	-18.7	70.6	6	-59.3
15880	-19.7	71.2	5	-59.6
15890	-19.3	71.8	5	-59.6
15900	-19.8	72.4	4	-59.6
15910	-20.2	73.0	3	-59.3
15920	-20.3	73.6	3	-59.6
15930	-20.7	74.2	2	-59.6
15940	-21.2	74.8	2	-59.6
15950	-21.4	75.4	1	-59.6
15960	-21.8	76.0	0	-59.6
15970	-21.8	76.6	0	-59.3
15980	-21.8	77.2	-1	-59.6
15990	-22.4	77.8	-1	-59.6
16000	-22.4	78.4	-2	-59.6
16010	-22.4	79.0	-3	-59.6
16020	-22.4	79.6	-3	-59.9
16030	-22.6	80.2	-4	-59.9
16040	-22.6	80.8	-4	-59.6
16050	-22.8	81.4	-5	-59.6
16060	-22.8	82.0	-6	-59.6
16070	-23.2	82.6	-6	-59.6
16080	-23.3	83.2	-7	-59.6
16090	-23.3	83.8	-7	-59.6
16100	-23.2	84.3	-8	-59.9
16110	-23.5	84.9	-8	-59.9
16120	-24.0	85.5	-9	-59.6
16130	-24.3	86.1	-10	-59.9
16140	-24.3	86.7	-10	-59.9

16150	-24.0	87.3	-11	-59.9
16160	-24.4	87.9	-11	-59.9
16170	-25.0	88.5	-12	-59.6
16180	-25.1	89.1	-13	-59.6
16190	-24.8	89.7	-13	-59.9
16200	-25.4	90.3	-14	-59.9
16210	-26.0	90.9	-14	-59.9
16220	-25.8	91.5	-15	-59.6
16230	-25.9	92.1	-16	-59.9
16240	-25.9	92.7	-16	-59.9
16250	-26.3	93.3	-17	-59.9
16260	-26.6	93.9	-17	-59.6
16270	-26.8	94.5	-18	-59.9
16280	-26.3	95.1	-19	-60.1
16290	-26.2	95.7	-19	-59.9
16300	-26.2	96.3	-20	-59.9
16310	-26.2	96.9	-20	-59.6
16320	-26.0	97.5	-21	-59.9
16330	-25.5	98.1	-22	-60.1
16340	-25.6	98.7	-22	-59.9
16350	-25.9	99.3	-23	-59.9
16360	-25.9	99.9	-23	-59.6
16370	-25.8	100.5	-24	-59.9
16380	-26.2	101.1	-25	-59.9
16390	-26.6	101.7	-25	-59.9
16400	-26.7	102.3	-26	-59.9
16410	-26.0	102.9	-26	-59.9
16420	-26.3	103.5	-27	-59.9
16430	-26.4	104.1	-28	-60.1
16440	-26.8	104.7	-28	-60.1
16450	-26.6	105.3	-29	-59.9
16460	-26.4	105.9	-29	-59.9
16470	-26.7	106.5	-30	-59.9
16480	-26.8	107.1	-31	-60.1
16490	-26.6	107.7	-31	-60.1
16500	-26.6	108.3	-32	-60.1
16510	-26.4	108.9	-32	-60.1
16520	-26.3	109.5	-33	-59.9
16530	-26.4	110.1	-34	-59.9
16540	-25.9	110.7	-34	-59.9
16550	-25.6	111.3	-35	-59.9
16560	-25.6	111.9	-35	-59.9
16570	-25.5	112.5	-36	-59.9
16580	-24.5	113.1	-37	-59.9
16590	-23.9	113.7	-37	-59.9
16600	-23.3	114.3	-38	-59.9
16610	-22.6	114.9	-38	-59.6
16620	-21.8	115.5	-39	-59.6
16630	-20.5	116.1	-40	-59.9
16640	-19.5	116.7	-40	-59.6
16650	-19.0	117.3	-41	-59.6
16660	-18.8	117.8	-41	-52.1
16670	-25.5	118.3	-42	-41.7
16680	-25.0	118.7	-42	-33.5

16690	-18.3	119.1	-43	-26.8
16700	-16.4	119.3	-43	-21.5
16710	-17.4	119.5	-43	-17.3
16720	-15.3	119.7	-43	-13.8
16730	-12.2	119.8	-43	-10.6
16740	-10.8	119.9	-43	-8.7
16750	-10.2	120.0	-44	-6.9
16760	-8.7	120.1	-44	-5.5
16770	-6.5	120.1	-44	-3.9
16780	-5.8	120.1	-44	-3.1
16790	-5.7	120.2	-44	-2.6
16800	-4.5	120.2	-44	-2.1
16810	-3.1	120.2	-44	-1.5
16820	-2.2	120.2	-44	-1.0
16830	-1.1	120.2	-44	-1.3
16840	0.0	120.3	-44	-0.7
16850	0.5	120.3	-44	-0.5
16860	0.8	120.3	-44	-0.2
16870	0.8	120.3	-44	-0.2
16880	1.1	120.3	-44	0.5
16890	10.0	120.3	-44	1.0
16900	6.8	120.2	-44	5.3
16910	0.1	120.1	-44	7.9
16920	1.9	120.0	-44	8.5
16930	7.2	119.9	-43	9.5
16940	3.5	119.8	-43	15.7
16950	3.4	119.6	-43	18.3
16960	6.9	119.4	-43	20.4
16970	5.0	119.2	-43	24.2
16980	4.9	119.0	-43	27.4
16990	6.8	118.7	-42	30.6
17000	6.1	118.4	-42	34.3
17010	5.7	118.1	-42	38.0
17020	7.6	117.7	-41	41.5
17030	7.9	117.3	-41	46.0
17040	6.6	116.8	-40	46.0
17050	7.3	116.4	-40	50.0
17060	7.7	115.8	-39	54.0
17070	7.1	115.2	-39	58.3
17080	8.8	114.6	-38	60.6
17090	10.8	114.0	-38	60.9
17100	11.0	113.4	-37	60.9
17110	9.9	112.8	-36	60.9
17120	10.6	112.2	-36	60.9
17130	10.7	111.6	-35	60.9
17140	11.1	111.0	-35	60.9
17150	10.8	110.4	-34	60.9
17160	10.0	109.8	-33	60.6
17170	9.8	109.2	-33	60.6
17180	10.0	108.6	-32	60.9
17190	9.5	108.0	-32	60.6
17200	9.1	107.3	-31	60.6
17210	8.9	106.7	-30	60.6
17220	8.8	106.1	-30	60.6

17230	8.7	105.5	-29	60.6
17240	8.7	104.9	-28	60.9
17250	8.1	104.3	-28	60.6
17260	7.9	103.7	-27	60.9
17270	8.0	103.1	-27	60.6
17280	7.7	102.5	-26	60.4
17290	7.1	101.9	-25	60.6
17300	7.6	101.3	-25	60.6
17310	7.5	100.7	-24	60.4
17320	7.1	100.1	-24	60.6
17330	7.6	99.5	-23	60.6
17340	7.2	98.8	-22	60.6
17350	7.2	98.2	-22	60.4
17360	7.3	97.6	-21	60.6
17370	7.3	97.0	-21	60.6
17380	7.1	96.4	-20	60.6
17390	7.7	95.8	-19	60.6
17400	7.9	95.2	-19	60.4
17410	8.0	94.6	-18	60.6
17420	7.9	94.0	-18	60.6
17430	8.1	93.4	-17	60.6
17440	8.1	92.8	-16	60.6
17450	8.7	92.2	-16	60.6
17460	8.4	91.6	-15	60.4
17470	8.4	91.0	-15	60.6
17480	8.5	90.4	-14	60.6
17490	9.1	89.8	-13	60.6
17500	9.1	89.1	-13	60.6
17510	9.1	88.5	-12	60.6
17520	9.5	87.9	-11	60.6
17530	9.5	87.3	-11	60.6
17540	9.4	86.7	-10	60.6
17550	9.4	86.1	-10	60.6
17560	9.1	85.5	-9	60.6
17570	9.4	84.9	-8	60.6
17580	9.5	84.3	-8	60.6
17590	9.2	83.7	-7	60.6
17600	9.2	83.1	-7	60.6
17610	9.5	82.5	-6	60.9
17620	9.9	81.9	-5	60.6
17630	10.0	81.2	-5	60.6
17640	10.0	80.6	-4	60.9
17650	9.9	80.0	-4	60.6
17660	10.3	79.4	-3	60.6
17670	10.4	78.8	-2	60.6
17680	10.2	78.2	-2	60.9
17690	10.2	77.6	-1	60.6
17700	10.4	77.0	-1	60.6
17710	10.0	76.4	0	60.6
17720	10.2	75.8	1	60.9
17730	10.4	75.2	1	60.9
17740	10.4	74.6	2	60.6
17750	10.0	74.0	2	60.6
17760	10.2	73.3	3	60.6

17770	9.6	72.7	4	60.6
17780	9.9	72.1	4	60.9
17790	9.6	71.5	5	60.6
17800	9.8	70.9	6	60.6
17810	9.5	70.3	6	60.6
17820	9.1	69.7	7	60.4
17830	8.8	69.1	7	60.6
17840	8.8	68.5	8	60.6
17850	8.7	67.9	9	60.6
17860	8.3	67.3	9	60.6
17870	8.0	66.7	10	60.6
17880	7.7	66.1	10	60.4
17890	8.0	65.5	11	52.9
17900	14.1	65.0	11	45.2
17910	13.3	64.5	12	35.9
17920	8.8	64.2	12	31.9
17930	9.1	63.9	13	22.8
17940	8.9	63.7	13	22.3
17950	7.1	63.5	13	16.2
17960	6.2	63.4	13	14.1
17970	4.9	63.3	13	10.3
17980	3.1	63.2	13	7.4
17990	3.0	63.1	13	7.1
18000	2.7	63.1	13	5.5
18010	2.3	63.0	13	4.2
18020	2.0	63.0	13	2.9
18030	1.8	63.0	13	2.3
18040	1.5	63.0	13	2.1
18050	0.7	62.9	14	2.1
18060	0.1	62.9	14	2.3
18070	0.4	62.9	14	0.5
18080	-0.7	62.9	14	0.0
18090	-0.9	62.9	14	1.0
18100	-1.1	62.9	14	1.5
18110	-1.5	62.9	14	0.0
18120	-11.8	62.9	14	-0.2
18130	-6.5	62.9	14	-2.6
18140	-0.8	62.9	14	-3.4
18150	-6.2	63.0	13	-4.2
18160	-8.9	63.0	13	-7.1
18170	-4.2	63.1	13	-11.1
18180	-6.5	63.3	13	-13.5
18190	-11.1	63.5	13	-16.7
18200	-7.6	63.7	13	-21.8
18210	-6.9	64.0	12	-26.0
18220	-11.7	64.3	12	-29.5
18230	-11.8	64.7	12	-34.8
18240	-9.5	65.1	11	-40.4
18250	-12.3	65.6	11	-45.5
18260	-14.9	66.2	10	-56.7
18270	-17.1	66.7	10	-58.0
18280	-17.8	67.3	9	-58.3
18290	-18.3	67.9	9	-58.5
18300	-19.0	68.5	8	-59.3

18310	-19.8	69.1	7	-59.6
18320	-20.2	69.7	7	-59.6
18330	-20.7	70.3	6	-59.3
18340	-21.8	70.9	6	-59.3
18350	-21.8	71.5	5	-59.6
18360	-22.1	72.1	4	-59.9
18370	-22.4	72.7	4	-59.3
18380	-22.5	73.3	3	-59.6
18390	-22.4	73.9	3	-59.6
18400	-22.8	74.5	2	-59.9
18410	-23.1	75.1	1	-59.3
18420	-23.3	75.7	1	-59.3
18430	-23.7	76.2	0	-59.6
18440	-24.1	76.8	0	-59.6
18450	-24.3	77.4	-1	-59.6
18460	-24.5	78.0	-2	-59.6
18470	-24.3	78.6	-2	-59.6
18480	-24.0	79.2	-3	-59.6
18490	-23.9	79.8	-3	-59.6
18500	-23.7	80.4	-4	-59.6
18510	-23.9	81.0	-5	-59.6
18520	-23.9	81.6	-5	-59.6
18530	-24.1	82.2	-6	-59.6
18540	-24.0	82.8	-6	-59.9
18550	-24.1	83.4	-7	-59.3
18560	-24.4	84.0	-8	-59.3
18570	-24.4	84.6	-8	-59.6
18580	-24.1	85.2	-9	-59.9
18590	-24.7	85.8	-9	-59.3
18600	-24.8	86.4	-10	-59.6
18610	-24.5	87.0	-11	-59.6
18620	-24.5	87.6	-11	-59.9
18630	-24.8	88.2	-12	-59.9
18640	-25.6	88.8	-12	-59.6
18650	-25.4	89.4	-13	-59.6
18660	-25.2	90.0	-14	-59.6
18670	-25.8	90.6	-14	-59.6
18680	-25.8	91.2	-15	-59.9
18690	-25.6	91.8	-15	-59.6
18700	-25.5	92.4	-16	-59.6
18710	-25.4	92.9	-16	-59.6
18720	-25.5	93.5	-17	-59.6
18730	-25.6	94.1	-18	-59.6
18740	-25.2	94.7	-18	-59.3
18750	-25.2	95.3	-19	-59.9
18760	-25.0	95.9	-19	-59.6
18770	-25.0	96.5	-20	-59.3
18780	-24.8	97.1	-21	-59.3
18790	-24.4	97.7	-21	-59.6
18800	-24.0	98.3	-22	-59.9
18810	-24.4	98.9	-22	-59.6
18820	-24.3	99.5	-23	-59.6
18830	-24.1	100.1	-24	-59.3
18840	-24.3	100.7	-24	-59.9

18850	-24.4	101.3	-25	-59.6
18860	-24.7	101.9	-25	-59.6
18870	-24.5	102.5	-26	-59.6
18880	-24.1	103.1	-27	-59.6
18890	-24.1	103.7	-27	-59.6
18900	-24.7	104.3	-28	-59.6
18910	-24.5	104.9	-28	-59.6
18920	-24.1	105.5	-29	-59.3
18930	-24.1	106.1	-30	-59.9
18940	-24.8	106.7	-30	-59.6
18950	-25.1	107.3	-31	-59.6
18960	-25.2	107.9	-31	-59.9
18970	-25.2	108.5	-32	-59.6
18980	-25.1	109.1	-33	-59.9
18990	-25.2	109.7	-33	-59.6
19000	-25.1	110.2	-34	-59.6
19010	-24.4	110.8	-34	-59.6
19020	-23.9	111.4	-35	-59.6
19030	-23.7	112.0	-36	-59.6
19040	-23.6	112.6	-36	-59.3
19050	-22.8	113.2	-37	-59.6
19060	-22.4	113.8	-37	-59.6
19070	-21.8	114.4	-38	-59.3
19080	-21.6	115.0	-39	-59.3
19090	-21.0	115.6	-39	-59.3
19100	-20.1	116.2	-40	-59.3
19110	-19.3	116.8	-40	-59.3
19120	-18.6	117.4	-41	-59.3
19130	-19.4	117.9	-41	-56.1
19140	-25.4	118.4	-42	-40.1
19150	-23.7	118.8	-42	-32.4
19160	-16.8	119.1	-43	-25.8
19170	-15.7	119.3	-43	-20.7
19180	-15.7	119.5	-43	-16.5
19190	-12.2	119.7	-43	-13.3
19200	-8.8	119.8	-43	-10.3
19210	-7.3	119.9	-43	-8.2
19220	-6.1	120.0	-44	-6.6
19230	-4.1	120.1	-44	-5.0
19240	-3.0	120.1	-44	-3.9
19250	-2.2	120.1	-44	-3.1
19260	-1.4	120.2	-44	-2.6
19270	-0.8	120.2	-44	-2.6
19280	-0.3	120.2	-44	-2.1
19290	0.0	120.2	-44	-1.5
19300	0.5	120.3	-44	-1.3
19310	0.7	120.3	-44	-0.7
19320	0.8	120.3	-44	0.0
19330	1.5	120.3	-44	0.0
19340	12.5	120.3	-44	1.5
19350	4.6	120.2	-44	7.1
19360	0.0	120.1	-44	8.7
19370	5.3	120.0	-44	8.7
19380	5.8	119.9	-43	13.3