

**INITIAL EXERCISE SESSION FOR INTERNAL AND EXTERNAL
ROTATION MOVEMENTS - RIGHT SIDE**

ISOK_EXERC_ER/IR_300_R_SIDE
01/07
Set #1

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	117.2	-40	0.0
10	0.5	117.2	-40	0.7
20	0.3	117.1	-40	1.5
30	1.2	117.1	-40	1.0
40	0.8	117.1	-40	2.1
50	0.8	117.1	-40	2.1
60	1.1	117.1	-40	3.4
70	1.1	117.0	-40	3.9
80	0.9	117.0	-40	4.5
90	1.1	116.9	-39	5.0
100	1.1	116.9	-39	5.5
110	1.2	116.8	-39	5.3
120	1.1	116.8	-39	5.8
130	1.1	116.7	-39	6.6
140	1.1	116.6	-39	6.9
150	1.1	116.5	-39	7.7
160	1.1	116.4	-39	8.2
170	1.1	116.3	-39	8.7
180	1.2	116.2	-39	9.0
190	1.9	116.1	-39	9.8
200	3.9	116.0	-39	10.9
210	2.2	115.9	-38	12.7
220	0.5	115.7	-38	17.0
230	1.6	115.6	-38	17.3
240	2.6	115.4	-38	18.3
250	1.6	115.2	-38	19.7
260	1.2	115.0	-38	20.4
270	1.6	114.8	-37	21.5
280	1.8	114.6	-37	22.0
290	1.6	114.4	-37	23.4
300	1.6	114.2	-37	21.8
310	1.8	114.0	-37	20.7
320	1.8	113.8	-36	21.2
330	1.9	113.5	-36	22.3
340	1.8	113.2	-36	28.4
350	1.6	113.0	-36	29.2
360	1.8	112.7	-35	27.4
370	1.5	112.4	-35	25.5
380	1.8	112.2	-35	26.0
390	1.9	111.8	-34	32.7
400	1.8	111.5	-34	34.0
410	1.8	111.2	-34	31.9
420	1.9	110.9	-33	29.5
430	1.9	110.6	-33	30.0
440	1.8	110.2	-33	31.1
450	1.9	109.9	-32	31.9
460	1.8	109.5	-32	32.7
470	1.8	109.1	-32	33.5
480	1.8	108.8	-31	34.3

490	1.8	108.4	-31	35.1
500	1.8	108.0	-31	35.9
510	1.8	107.6	-30	36.7
520	1.8	107.2	-30	37.5
530	1.8	106.7	-29	38.3
540	1.8	106.3	-29	39.1
550	1.8	105.9	-28	39.9
560	1.8	105.4	-28	45.2
570	1.8	104.9	-27	46.0
580	1.8	104.5	-27	47.1
590	1.8	104.0	-27	47.6
600	1.9	103.5	-26	48.4
610	1.8	103.0	-26	49.2
620	1.8	102.5	-25	50.3
630	1.9	102.0	-25	51.1
640	2.0	101.5	-24	51.9
650	1.8	101.0	-24	52.9
660	1.8	100.4	-23	53.7
670	1.8	99.9	-22	54.5
680	1.8	99.3	-22	55.3
690	1.8	98.8	-21	56.1
700	1.8	98.2	-21	57.2
710	1.8	97.6	-20	58.0
720	1.8	97.0	-20	58.8
730	1.8	96.4	-19	59.6
740	1.8	95.8	-18	60.4
750	1.8	95.2	-18	61.2
760	1.9	94.6	-17	61.7
770	1.6	94.0	-17	62.8
780	1.8	93.4	-16	63.6
790	1.8	92.7	-15	64.1
800	1.9	92.1	-15	65.2
810	1.6	91.4	-14	65.7
820	1.6	90.7	-13	66.5
830	1.9	90.1	-13	67.3
840	1.9	89.4	-12	68.1
850	1.8	88.7	-11	68.9
860	1.8	88.0	-11	69.7
870	1.8	87.3	-10	70.5
880	1.8	86.6	-9	71.0
890	1.8	85.9	-8	71.8
900	1.8	85.2	-8	72.9
910	1.8	84.4	-7	73.4
920	1.8	83.7	-6	74.0
930	1.6	82.9	-5	75.0
940	1.6	82.2	-5	75.6
950	1.8	81.4	-4	76.1
960	1.9	80.7	-3	76.9
970	1.9	79.9	-2	77.7
980	1.9	79.1	-2	78.2
990	1.8	78.3	-1	79.0
1000	1.8	77.5	0	79.8
1010	1.8	76.7	1	80.6
1020	1.8	75.9	2	81.1

1030	1.8	75.1	2	81.9
1040	1.5	74.3	3	82.7
1050	1.4	73.4	4	83.0
1060	1.2	72.6	5	75.0
1070	3.8	71.8	6	70.8
1080	6.1	71.0	6	80.9
1090	4.3	70.4	7	68.4
1100	3.3	69.7	8	70.0
1110	4.1	69.1	8	59.6
1120	3.9	68.5	9	60.9
1130	3.8	68.0	9	51.6
1140	3.1	67.5	10	52.9
1150	2.3	67.1	10	45.2
1160	2.2	66.7	11	41.7
1170	2.7	66.3	11	38.8
1180	2.7	65.9	12	39.9
1190	2.8	65.5	12	33.8
1200	3.3	65.2	12	34.8
1210	3.3	64.9	13	29.8
1220	3.1	64.6	13	30.3
1230	3.3	64.4	13	26.0
1240	3.0	64.1	13	21.5
1250	2.6	63.9	14	22.6
1260	2.8	63.7	14	18.9
1270	2.7	63.5	14	21.2
1280	2.8	63.3	14	17.8
1290	3.0	63.1	14	15.1
1300	3.3	63.0	14	15.7
1310	3.4	62.8	15	13.3
1320	3.7	62.7	15	13.5
1330	3.7	62.6	15	11.4
1340	3.4	62.4	15	12.2
1350	3.7	62.3	15	12.2
1360	3.5	62.2	15	10.3
1370	3.4	62.1	15	8.7
1380	3.4	62.0	15	9.3
1390	3.8	61.9	16	7.7
1400	3.5	61.8	16	7.1
1410	3.7	61.8	16	7.9
1420	3.9	61.7	16	7.1
1430	3.9	61.6	16	5.8
1440	4.1	61.6	16	6.3
1450	4.1	61.5	16	5.3
1460	3.8	61.5	16	4.5
1470	3.9	61.4	16	4.7
1480	4.2	61.4	16	4.5
1490	4.1	61.3	16	3.7
1500	4.1	61.3	16	4.5
1510	4.2	61.2	16	4.2
1520	4.3	61.2	16	3.4
1530	4.5	61.2	16	3.1
1540	4.3	61.1	16	3.1
1550	4.3	61.1	16	2.9
1560	4.3	61.1	16	2.9

1570	4.3	61.1	16	2.6
1580	4.3	61.1	16	2.1
1590	4.3	61.0	16	2.1
1600	4.3	61.0	16	2.1
1610	4.5	61.0	16	1.5
1620	4.6	61.0	16	2.1
1630	4.7	60.9	17	2.1
1640	4.6	60.9	17	1.8
1650	4.7	60.9	17	2.1
1660	5.6	60.9	17	0.7
1670	5.2	60.9	17	0.2
1680	4.3	60.9	17	0.2
1690	4.6	60.9	17	0.2
1700	4.7	60.9	17	0.2
1710	4.7	60.9	17	0.2
1720	5.0	60.9	17	0.0
1730	4.7	60.9	17	0.2
1740	4.7	60.9	17	0.0
1750	4.9	60.9	17	0.0
1760	4.9	60.9	17	0.2
1770	4.7	60.9	17	0.0
1780	4.7	60.9	17	0.2
1790	4.7	60.9	17	0.0
1800	4.7	60.9	17	0.2
1810	4.7	60.9	17	0.0
1820	4.7	60.9	17	0.0
1830	4.6	60.9	17	0.2
1840	4.5	60.9	17	0.2
1850	4.5	60.9	17	0.0
1860	4.3	60.9	17	0.0
1870	4.3	60.9	17	0.0
1880	4.3	60.9	17	0.0
1890	4.1	60.9	17	0.0
1900	4.2	60.9	17	0.0
1910	4.1	60.9	17	0.0
1920	3.9	60.9	17	0.0
1930	3.8	60.9	17	0.0
1940	3.7	60.9	17	0.0
1950	3.5	60.9	17	0.0
1960	3.5	60.9	17	0.0
1970	3.5	60.9	17	0.0
1980	3.5	60.9	17	0.0
1990	3.4	60.9	17	0.0
2000	3.4	60.9	17	0.0
2010	3.3	60.9	17	0.0
2020	3.1	60.9	17	0.0
2030	3.0	60.9	17	0.0
2040	2.8	60.9	17	0.0
2050	2.8	60.9	17	0.0
2060	2.8	60.9	17	0.0
2070	2.7	60.9	17	0.0
2080	2.7	60.9	17	0.0
2090	2.6	60.9	17	0.0
2100	2.6	60.9	17	0.0

2110	2.6	60.9	17	0.0
2120	2.4	60.9	17	0.0
2130	2.3	60.9	17	0.0
2140	2.4	60.9	17	0.0
2150	2.4	60.9	17	0.0
2160	2.6	60.9	17	0.0
2170	2.6	60.9	17	0.0
2180	2.6	60.9	17	0.0
2190	2.6	60.9	17	0.0
2200	2.6	60.9	17	0.0
2210	2.6	60.9	17	0.0
2220	2.7	60.9	17	0.0
2230	2.7	60.9	17	0.0
2240	2.6	60.9	17	0.0
2250	2.6	60.9	17	0.0
2260	2.7	60.9	17	0.0
2270	2.6	60.9	17	0.0
2280	2.6	60.9	17	0.0
2290	2.7	60.9	17	0.0
2300	2.6	60.9	17	0.0
2310	2.6	60.9	17	0.0
2320	2.6	60.9	17	0.0
2330	2.4	60.9	17	0.0
2340	2.4	60.9	17	0.0
2350	2.3	60.9	17	0.0
2360	2.3	60.9	17	0.0
2370	2.3	60.9	17	0.0
2380	2.2	60.9	17	0.0
2390	2.2	60.9	17	0.0
2400	2.2	60.9	17	0.0
2410	2.2	60.9	17	0.0
2420	2.3	60.9	17	0.0
2430	2.2	60.9	17	0.0
2440	2.2	60.9	17	0.0
2450	2.2	60.9	17	0.0
2460	2.2	60.9	17	0.0
2470	2.2	60.9	17	0.0
2480	2.2	60.9	17	0.0
2490	2.3	60.9	17	0.0
2500	2.3	60.9	17	0.0
2510	2.3	60.9	17	0.0
2520	2.3	60.9	17	0.0
2530	2.3	60.9	17	0.0
2540	2.3	60.9	17	0.0
2550	2.4	60.9	17	0.0
2560	2.4	60.9	17	0.0
2570	2.4	60.9	17	0.0
2580	2.6	60.9	17	0.0
2590	2.6	60.9	17	0.0
2600	2.7	60.9	17	0.0
2610	2.7	60.9	17	0.0
2620	2.7	60.9	17	0.0
2630	2.7	60.9	17	0.0
2640	2.7	60.9	17	0.0

2650	2.6	60.9	17	0.0
2660	2.7	60.9	17	0.0
2670	2.7	60.9	17	0.0
2680	2.8	60.9	17	0.0
2690	2.8	60.9	17	0.0
2700	2.8	60.9	17	0.0
2710	3.0	60.9	17	0.0
2720	3.0	60.9	17	0.0
2730	2.8	60.9	17	0.0
2740	2.8	60.9	17	0.0
2750	2.8	60.9	17	0.0
2760	2.8	60.9	17	0.0
2770	2.7	60.9	17	0.0
2780	2.8	60.9	17	0.0
2790	2.8	60.9	17	0.0
2800	2.8	60.9	17	0.0
2810	3.0	60.9	17	0.0
2820	3.0	60.9	17	0.0
2830	2.8	60.9	17	0.0
2840	2.8	60.9	17	0.0
2850	2.8	60.9	17	0.0
2860	2.8	60.9	17	0.0
2870	2.8	60.9	17	0.0
2880	2.8	60.9	17	0.0
2890	2.8	60.9	17	0.0
2900	2.8	60.9	17	0.0
2910	2.8	60.9	17	0.0
2920	2.8	60.9	17	0.0
2930	2.8	60.9	17	0.0
2940	2.8	60.9	17	0.0
2950	2.8	60.9	17	0.0
2960	2.8	60.9	17	0.0
2970	2.8	60.9	17	0.0
2980	2.8	60.9	17	0.0
2990	2.8	60.9	17	0.0
3000	2.7	60.9	17	0.0
3010	2.8	60.9	17	0.0
3020	2.7	60.9	17	0.0
3030	2.6	60.9	17	0.0
3040	2.6	60.9	17	0.0
3050	2.6	60.9	17	0.0
3060	2.6	60.9	17	0.0
3070	2.4	60.9	17	0.0
3080	2.4	60.9	17	0.0
3090	2.3	60.9	17	0.0
3100	2.3	60.9	17	0.0
3110	2.3	60.9	17	0.0
3120	2.3	60.9	17	0.0
3130	2.3	60.9	17	0.0
3140	2.4	60.9	17	0.0
3150	2.3	60.9	17	0.0
3160	2.3	60.9	17	0.0
3170	2.3	60.9	17	0.0
3180	2.3	60.9	17	0.0

3190	2.3	60.9	17	0.0
3200	2.3	60.9	17	0.0
3210	2.3	60.9	17	0.0
3220	2.3	60.9	17	0.0
3230	2.3	60.9	17	0.0
3240	2.3	60.9	17	0.0
3250	2.3	60.9	17	0.0
3260	2.3	60.9	17	0.0
3270	2.3	60.9	17	0.0
3280	2.3	60.9	17	0.0
3290	2.3	60.9	17	0.0
3300	2.3	60.9	17	0.0
3310	2.3	60.9	17	0.0
3320	2.4	60.9	17	0.0
3330	2.4	60.9	17	0.0
3340	2.4	60.9	17	0.0
3350	2.3	60.9	17	0.0
3360	2.3	60.9	17	0.0
3370	2.3	60.9	17	0.0
3380	2.3	60.9	17	0.0
3390	2.3	60.9	17	0.0
3400	2.3	60.9	17	0.0
3410	2.2	60.9	17	0.0
3420	2.0	60.9	17	0.0
3430	1.9	60.9	17	0.0
3440	1.8	60.9	17	0.0
3450	1.5	60.9	17	0.0
3460	1.1	60.9	17	0.0
3470	0.7	60.9	17	0.0
3480	0.1	60.9	17	0.0
3490	-0.4	60.9	17	0.0
3500	-0.8	60.9	17	0.2
3510	-0.9	60.8	17	1.5
3520	-1.1	60.8	17	0.0
3530	-1.5	60.8	17	0.0
3540	-1.5	60.8	17	-0.2
3550	-3.8	60.8	17	0.2
3560	-9.2	60.9	17	-2.3
3570	-5.0	60.9	17	-3.4
3580	-2.3	60.9	17	-4.2
3590	-7.7	61.0	16	-6.1
3600	-6.6	61.1	16	-10.1
3610	-5.6	61.2	16	-12.5
3620	-6.4	61.4	16	-15.1
3630	-6.8	61.6	16	-18.3
3640	-6.1	61.8	16	-21.2
3650	-6.2	62.1	15	-24.4
3660	-6.9	62.4	15	-33.5
3670	-6.6	62.7	15	-34.0
3680	-6.9	63.1	14	-34.0
3690	-7.1	63.5	14	-37.5
3700	-6.8	63.9	14	-40.9
3710	-6.9	64.4	13	-54.0
3720	-6.9	64.9	13	-52.4

3730	-6.4	65.5	12	-50.5
3740	-6.4	66.0	11	-54.8
3750	-7.2	66.7	11	-56.9
3760	-6.9	67.4	10	-73.4
3770	-7.1	68.1	9	-77.2
3780	-7.7	68.8	9	-81.4
3790	-7.6	69.6	8	-85.7
3800	-8.0	70.3	7	-81.7
3810	-8.4	71.2	6	-77.2
3820	-8.0	72.1	5	-81.1
3830	-7.6	73.0	4	-93.9
3840	-8.3	74.0	3	-98.5
3850	-7.7	75.0	2	-103.0
3860	-7.7	76.1	1	-106.7
3870	-7.9	77.2	0	-111.0
3880	-8.1	78.3	-1	-115.0
3890	-7.3	79.5	-2	-119.2
3900	-7.2	80.7	-3	-122.9
3910	-7.1	82.0	-5	-126.4
3920	-6.6	83.3	-6	-130.1
3930	-6.4	84.6	-7	-133.1
3940	-5.6	86.0	-9	-136.5
3950	-6.4	87.4	-10	-139.2
3960	-5.3	88.8	-11	-142.4
3970	-4.3	90.2	-13	-144.5
3980	-3.9	91.7	-14	-146.6
3990	-3.9	93.1	-16	-148.2
4000	-3.5	94.6	-17	-149.6
4010	-2.8	96.2	-19	-151.4
4020	-3.0	97.7	-20	-152.0
4030	-1.9	99.2	-22	-153.3
4040	-1.9	100.7	-23	-153.6
4050	-2.2	102.3	-25	-154.1
4060	-2.2	103.8	-26	-154.6
4070	-2.6	105.4	-28	-154.9
4080	-8.0	106.8	-29	-146.4
4090	-18.0	108.2	-31	-126.9
4100	-14.9	109.3	-32	-111.8
4110	-7.5	110.3	-33	-88.6
4120	-9.6	111.2	-34	-93.1
4130	-10.7	111.9	-34	-74.5
4140	-9.4	112.6	-35	-71.3
4150	-7.9	113.2	-36	-56.4
4160	-7.9	113.7	-36	-44.4
4170	-6.5	114.2	-37	-43.3
4180	-6.2	114.6	-37	-34.0
4190	-6.8	114.9	-37	-36.4
4200	-7.1	115.2	-38	-29.0
4210	-7.2	115.5	-38	-25.2
4220	-7.5	115.7	-38	-19.9
4230	-7.6	115.9	-38	-21.2
4240	-7.6	116.1	-39	-17.0
4250	-7.7	116.2	-39	-16.2
4260	-7.5	116.4	-39	-13.0

4270	-7.2	116.5	-39	-12.5
4280	-7.6	116.6	-39	-9.8
4290	-7.9	116.7	-39	-7.9
4300	-8.8	116.8	-39	-7.7
4310	-9.6	116.8	-39	-6.9
4320	-10.4	116.9	-39	-6.6
4330	-10.7	116.9	-39	-5.3
4340	-10.8	117.0	-40	-3.9
4350	-11.1	117.0	-40	-4.5
4360	-11.4	117.1	-40	-3.4
4370	-11.7	117.1	-40	-3.1
4380	-11.8	117.1	-40	-2.9
4390	-12.2	117.1	-40	-2.6
4400	-12.6	117.2	-40	-2.1
4410	-13.3	117.2	-40	-1.5
4420	-13.7	117.2	-40	-1.8
4430	-14.1	117.2	-40	-1.3
4440	-14.4	117.2	-40	-1.0
4450	-14.2	117.2	-40	-1.0
4460	-14.0	117.3	-40	-1.0
4470	-13.6	117.3	-40	-0.7
4480	-13.3	117.3	-40	-0.5
4490	-13.0	117.3	-40	-0.2
4500	-12.7	117.3	-40	-0.5
4510	-12.5	117.3	-40	-0.2
4520	-12.3	117.3	-40	-0.2
4530	-11.8	117.3	-40	-0.2
4540	-11.0	117.3	-40	0.0
4550	-10.0	117.3	-40	0.0
4560	-8.8	117.3	-40	0.0
4570	-7.7	117.3	-40	0.0
4580	-6.5	117.3	-40	0.0
4590	-5.6	117.3	-40	0.0
4600	-4.9	117.3	-40	0.0
4610	-4.2	117.3	-40	0.0
4620	-3.7	117.3	-40	0.0
4630	-3.1	117.3	-40	0.0
4640	-2.4	117.3	-40	0.0
4650	-1.8	117.3	-40	0.0
4660	-1.2	117.3	-40	0.0
4670	-0.4	117.3	-40	0.0
4680	0.0	117.3	-40	0.0
4690	0.4	117.3	-40	0.0
4700	0.5	117.3	-40	0.2
4710	0.8	117.3	-40	0.5
4720	0.9	117.3	-40	0.5
4730	0.9	117.3	-40	1.0
4740	0.9	117.3	-40	1.5
4750	0.9	117.2	-40	1.5
4760	1.1	117.2	-40	2.1
4770	3.1	117.2	-40	3.1
4780	6.2	117.1	-40	5.5
4790	2.2	117.1	-40	7.9
4800	0.8	117.0	-40	8.2

4810	3.5	116.9	-39	9.0
4820	4.1	116.8	-39	10.3
4830	2.6	116.6	-39	12.5
4840	2.6	116.5	-39	13.8
4850	3.3	116.3	-39	14.9
4860	3.3	116.1	-39	16.5
4870	3.1	115.9	-38	18.3
4880	3.1	115.7	-38	19.7
4890	3.4	115.5	-38	26.0
4900	3.8	115.2	-38	27.9
4910	3.8	115.0	-38	27.4
4920	3.7	114.7	-37	26.3
4930	3.7	114.4	-37	34.6
4940	3.7	114.0	-37	36.4
4950	3.7	113.7	-36	38.6
4960	3.5	113.3	-36	37.2
4970	3.7	113.0	-36	35.1
4980	3.8	112.6	-35	37.0
4990	3.8	112.1	-35	38.8
5000	3.8	111.7	-34	40.4
5010	3.8	111.2	-34	51.6
5020	3.8	110.7	-33	48.9
5030	3.9	110.2	-33	45.7
5040	3.7	109.7	-32	47.6
5050	3.4	109.1	-32	60.1
5060	3.5	108.6	-31	62.0
5070	3.3	108.0	-31	63.8
5080	3.4	107.4	-30	65.7
5090	3.5	106.8	-29	67.6
5100	3.5	106.2	-29	69.4
5110	3.5	105.5	-28	71.3
5120	3.4	104.9	-27	66.5
5130	3.1	104.2	-27	68.4
5140	3.7	103.5	-26	70.0
5150	3.3	102.8	-25	71.8
5160	3.0	102.0	-25	73.4
5170	3.3	101.3	-24	74.8
5180	2.8	100.5	-23	76.4
5190	2.8	99.8	-22	78.0
5200	3.4	99.0	-22	79.3
5210	3.4	98.2	-21	80.9
5220	3.3	97.3	-20	82.2
5230	3.1	96.5	-19	84.1
5240	2.8	95.7	-18	85.4
5250	2.8	94.8	-17	86.7
5260	2.8	93.9	-16	88.3
5270	2.8	93.0	-16	89.7
5280	3.0	92.1	-15	91.0
5290	3.1	91.2	-14	92.1
5300	2.7	90.3	-13	93.4
5310	3.3	89.3	-12	94.7
5320	3.5	88.4	-11	96.3
5330	3.0	87.4	-10	97.7
5340	3.3	86.4	-9	99.3

5350	3.4	85.4	-8	100.6
5360	2.8	84.4	-7	102.2
5370	3.3	83.3	-6	103.5
5380	3.1	82.3	-5	105.1
5390	3.0	81.2	-4	106.2
5400	3.4	80.2	-3	107.5
5410	3.3	79.1	-2	109.1
5420	2.8	78.0	-1	110.4
5430	3.3	76.9	1	111.8
5440	3.7	75.7	2	113.1
5450	3.7	74.6	3	114.7
5460	2.8	73.4	4	116.3
5470	3.7	72.3	5	127.7
5480	11.4	71.2	6	106.7
5490	12.2	70.2	7	87.0
5500	8.1	69.3	8	87.5
5510	8.8	68.5	9	86.5
5520	9.6	67.8	10	71.6
5530	9.4	67.1	10	64.9
5540	9.1	66.5	11	64.4
5550	7.9	66.0	11	52.9
5560	6.6	65.5	12	47.9
5570	6.5	65.0	12	39.1
5580	6.1	64.6	13	39.1
5590	5.8	64.3	13	32.2
5600	6.6	63.9	14	35.4
5610	7.1	63.6	14	29.0
5620	6.6	63.4	14	26.3
5630	6.5	63.1	14	21.2
5640	6.1	62.9	15	21.2
5650	5.3	62.7	15	17.5
5660	4.3	62.5	15	17.3
5670	3.7	62.4	15	17.3
5680	3.1	62.2	15	14.3
5690	2.6	62.1	15	13.0
5700	2.3	62.0	15	10.6
5710	2.3	61.9	16	11.7
5720	1.8	61.8	16	9.5
5730	1.4	61.7	16	9.5
5740	0.9	61.6	16	7.7
5750	0.1	61.5	16	7.7
5760	0.0	61.5	16	6.1
5770	0.0	61.4	16	5.3
5780	-0.8	61.3	16	5.5
5790	-2.2	61.3	16	4.5
5800	-11.5	61.3	16	1.8
5810	-4.2	61.3	16	-2.1
5820	-0.8	61.3	16	-3.4
5830	-7.2	61.4	16	-4.2
5840	-6.6	61.4	16	-7.7
5850	-4.5	61.5	16	-11.9
5860	-5.7	61.7	16	-14.6
5870	-7.2	61.9	16	-17.5
5880	-6.1	62.1	15	-19.1

5890	-6.5	62.3	15	-26.8
5900	-7.6	62.6	15	-27.9
5910	-7.5	62.9	15	-29.0
5920	-7.9	63.2	14	-32.4
5930	-8.3	63.6	14	-36.4
5940	-8.8	64.1	13	-49.2
5950	-8.8	64.6	13	-54.3
5960	-9.1	65.1	12	-54.0
5970	-8.9	65.6	12	-52.9
5980	-9.2	66.3	11	-70.2
5990	-9.8	67.0	10	-75.6
6000	-9.5	67.7	10	-81.1
6010	-9.6	68.4	9	-78.8
6020	-10.0	69.3	8	-75.6
6030	-10.2	70.1	7	-80.1
6040	-10.4	71.1	6	-86.2
6050	-10.6	72.1	5	-90.2
6060	-10.0	73.1	4	-105.4
6070	-10.4	74.2	3	-111.0
6080	-9.8	75.4	2	-116.3
6090	-10.3	76.6	1	-121.6
6100	-10.2	77.9	0	-127.2
6110	-10.2	79.2	-2	-132.3
6120	-9.4	80.5	-3	-137.9
6130	-9.1	81.9	-4	-142.6
6140	-9.5	83.4	-6	-147.7
6150	-9.4	84.9	-7	-152.2
6160	-9.1	86.5	-9	-157.3
6170	-8.8	88.1	-11	-161.5
6180	-9.2	89.7	-12	-166.3
6190	-7.3	91.4	-14	-170.9
6200	-7.9	93.2	-16	-174.6
6210	-8.5	94.9	-17	-178.3
6220	-7.5	96.8	-19	-182.6
6230	-7.1	98.6	-21	-186.3
6240	-6.6	100.5	-23	-189.5
6250	-6.5	102.4	-25	-192.4
6260	-6.2	104.4	-27	-195.9
6270	-7.2	106.2	-29	-177.5
6280	-27.0	108.0	-31	-170.9
6290	-30.6	109.5	-32	-129.3
6300	-20.9	110.8	-33	-120.8
6310	-15.7	111.9	-34	-89.9
6320	-17.2	112.7	-35	-84.6
6330	-16.3	113.5	-36	-71.0
6340	-13.7	114.1	-37	-53.2
6350	-12.5	114.7	-37	-54.3
6360	-10.6	115.1	-38	-41.5
6370	-9.2	115.4	-38	-38.0
6380	-8.4	115.7	-38	-29.2
6390	-8.1	116.0	-39	-26.8
6400	-8.1	116.2	-39	-20.4
6410	-8.3	116.4	-39	-15.7
6420	-8.5	116.5	-39	-14.6

6430	-8.5	116.7	-39	-12.5
6440	-8.4	116.8	-39	-9.3
6450	-7.9	116.9	-39	-9.3
6460	-7.3	116.9	-39	-7.1
6470	-6.2	117.0	-40	-5.3
6480	-4.9	117.1	-40	-4.7
6490	-4.1	117.1	-40	-3.9
6500	-3.3	117.1	-40	-2.9
6510	-2.6	117.2	-40	-2.3
6520	-2.3	117.2	-40	-2.1
6530	-2.3	117.2	-40	-1.8
6540	-2.2	117.2	-40	-1.3
6550	-1.5	117.2	-40	-1.3
6560	-0.7	117.2	-40	-1.0
6570	0.0	117.3	-40	-0.7
6580	0.3	117.3	-40	-0.7
6590	0.5	117.3	-40	-0.5
6600	0.8	117.3	-40	0.0
6610	0.8	117.3	-40	0.0
6620	0.8	117.3	-40	0.5
6630	1.8	117.3	-40	0.7
6640	6.9	117.2	-40	1.5
6650	1.9	117.2	-40	4.5
6660	-0.3	117.1	-40	5.0
6670	2.3	117.1	-40	5.0
6680	3.5	117.0	-40	6.3
6690	2.2	116.9	-39	7.9
6700	2.2	116.8	-39	9.3
6710	3.0	116.7	-39	12.5
6720	2.7	116.6	-39	14.3
6730	2.7	116.5	-39	16.2
6740	3.0	116.3	-39	17.8
6750	3.1	116.1	-39	19.4
6760	3.1	115.9	-38	21.2
6770	3.5	115.7	-38	21.0
6780	3.5	115.5	-38	20.7
6790	3.4	115.3	-38	22.6
6800	3.5	115.0	-38	23.9
6810	3.5	114.7	-37	25.5
6820	3.4	114.4	-37	33.5
6830	3.7	114.1	-37	35.4
6840	3.7	113.8	-36	37.5
6850	3.7	113.4	-36	39.6
6860	3.7	113.0	-36	38.0
6870	3.8	112.6	-35	35.9
6880	4.1	112.2	-35	38.0
6890	4.2	111.8	-34	39.4
6900	3.8	111.3	-34	50.3
6910	3.5	110.9	-33	47.6
6920	3.5	110.4	-33	44.4
6930	3.5	109.9	-32	46.0
6940	3.5	109.4	-32	47.6
6950	3.7	108.8	-31	49.2
6960	3.4	108.3	-31	50.8

6970	3.9	107.7	-30	52.4
6980	3.5	107.1	-30	54.0
6990	3.5	106.5	-29	55.9
7000	3.7	105.8	-28	57.2
7010	3.3	105.2	-28	65.4
7020	3.1	104.5	-27	67.3
7030	3.3	103.8	-26	68.6
7040	3.5	103.1	-26	70.5
7050	3.4	102.4	-25	72.1
7060	3.0	101.7	-24	74.0
7070	3.4	100.9	-23	75.3
7080	3.3	100.1	-23	77.2
7090	3.4	99.4	-22	78.5
7100	3.4	98.6	-21	80.3
7110	3.1	97.7	-20	81.9
7120	3.5	96.9	-19	83.5
7130	3.0	96.1	-19	85.1
7140	3.0	95.2	-18	86.7
7150	3.4	94.3	-17	88.3
7160	3.4	93.4	-16	89.9
7170	3.5	92.5	-15	91.5
7180	3.7	91.6	-14	93.1
7190	3.3	90.6	-13	94.7
7200	3.7	89.7	-12	96.3
7210	3.9	88.7	-11	97.9
7220	3.3	87.7	-10	99.8
7230	3.3	86.7	-9	101.4
7240	3.3	85.7	-8	103.0
7250	3.7	84.6	-7	104.6
7260	3.4	83.6	-6	105.9
7270	3.7	82.5	-5	107.8
7280	3.4	81.4	-4	109.1
7290	3.8	80.3	-3	110.7
7300	3.9	79.2	-2	112.6
7310	3.4	78.0	-1	114.2
7320	3.3	76.9	1	115.8
7330	3.5	75.7	2	117.1
7340	3.8	74.5	3	119.0
7350	3.1	73.3	4	120.3
7360	4.1	72.1	5	132.0
7370	13.3	71.1	6	109.4
7380	13.2	70.1	7	88.9
7390	9.2	69.1	8	88.9
7400	9.8	68.3	9	79.8
7410	10.7	67.6	10	64.9
7420	10.2	66.9	11	65.2
7430	9.8	66.3	11	64.6
7440	8.0	65.8	12	52.9
7450	7.1	65.3	12	47.6
7460	7.2	64.8	13	47.3
7470	6.8	64.4	13	38.8
7480	6.5	64.0	13	38.3
7490	7.1	63.7	14	31.4
7500	7.7	63.5	14	25.2

7510	7.5	63.2	14	25.5
7520	7.2	62.9	15	25.2
7530	6.8	62.7	15	20.7
7540	6.4	62.5	15	17.0
7550	5.8	62.4	15	17.0
7560	5.2	62.2	15	13.8
7570	4.6	62.1	15	13.8
7580	4.6	61.9	16	12.5
7590	4.9	61.8	16	11.1
7600	4.6	61.7	16	10.9
7610	4.7	61.6	16	9.3
7620	5.2	61.6	16	7.1
7630	4.7	61.5	16	7.1
7640	4.1	61.4	16	5.8
7650	3.8	61.3	16	6.3
7660	3.4	61.3	16	4.7
7670	2.6	61.2	16	5.3
7680	2.0	61.2	16	4.2
7690	1.6	61.2	16	3.7
7700	0.7	61.1	16	2.9
7710	0.0	61.1	16	3.1
7720	0.0	61.1	16	2.6
7730	-0.5	61.0	16	2.1
7740	-0.9	61.0	16	2.1
7750	-1.6	61.0	16	1.5
7760	-10.7	61.0	16	-0.5
7770	-5.7	61.0	16	-4.2
7780	-1.5	61.1	16	-6.6
7790	-5.2	61.2	16	-7.1
7800	-7.9	61.3	16	-9.5
7810	-4.9	61.4	16	-13.0
7820	-4.5	61.6	16	-15.4
7830	-6.8	61.8	16	-17.8
7840	-5.7	62.0	15	-25.5
7850	-5.6	62.3	15	-28.7
7860	-6.4	62.5	15	-29.0
7870	-6.8	62.8	15	-29.2
7880	-6.5	63.2	14	-39.9
7890	-6.9	63.6	14	-39.9
7900	-7.5	64.0	13	-39.1
7910	-7.1	64.5	13	-52.1
7920	-7.2	65.0	12	-50.8
7930	-6.9	65.5	12	-49.2
7940	-6.9	66.1	11	-52.9
7950	-7.6	66.7	11	-68.6
7960	-7.5	67.4	10	-72.6
7970	-7.7	68.0	9	-70.0
7980	-8.4	68.8	9	-66.5
7990	-8.4	69.5	8	-70.5
8000	-8.8	70.4	7	-74.2
8010	-9.1	71.3	6	-95.8
8020	-8.4	72.2	5	-101.1
8030	-8.3	73.1	4	-105.6
8040	-8.9	74.1	3	-100.6

8050	-8.0	75.2	2	-105.4
8060	-8.5	76.2	1	-109.6
8070	-8.5	77.4	0	-114.2
8080	-8.5	78.5	-1	-118.4
8090	-8.1	79.8	-2	-122.9
8100	-7.6	81.0	-4	-127.2
8110	-7.5	82.3	-5	-131.2
8120	-7.7	83.7	-6	-134.9
8130	-7.3	85.1	-8	-138.7
8140	-7.2	86.5	-9	-142.4
8150	-6.5	87.9	-10	-145.8
8160	-7.3	89.4	-12	-149.3
8170	-6.1	90.9	-13	-153.0
8180	-6.6	92.5	-15	-155.7
8190	-6.1	94.1	-17	-158.9
8200	-7.2	95.7	-18	-161.5
8210	-6.4	97.3	-20	-164.7
8220	-4.9	99.0	-22	-167.9
8230	-5.7	100.7	-23	-170.3
8240	-5.3	102.4	-25	-172.7
8250	-5.2	104.1	-27	-175.1
8260	-5.8	105.9	-28	-177.0
8270	-20.7	107.5	-30	-159.2
8280	-25.5	108.9	-31	-125.1
8290	-19.4	110.1	-33	-117.1
8300	-13.0	111.2	-34	-89.4
8310	-16.0	112.0	-35	-85.4
8320	-15.3	112.8	-35	-65.4
8330	-13.6	113.5	-36	-62.5
8340	-11.4	114.0	-37	-47.9
8350	-10.6	114.5	-37	-45.7
8360	-9.8	114.9	-37	-35.1
8370	-8.9	115.2	-38	-33.2
8380	-8.7	115.5	-38	-25.5
8390	-8.4	115.8	-38	-24.4
8400	-8.5	116.0	-39	-18.9
8410	-8.7	116.2	-39	-17.8
8420	-8.4	116.4	-39	-13.8
8430	-7.9	116.5	-39	-14.6
8440	-7.5	116.6	-39	-11.1
8450	-6.2	116.7	-39	-8.5
8460	-4.9	116.8	-39	-9.0
8470	-4.2	116.9	-39	-6.9
8480	-3.4	116.9	-39	-5.5
8490	-2.6	117.0	-40	-5.3
8500	-1.9	117.0	-40	-4.2
8510	-1.8	117.1	-40	-3.1
8520	-1.6	117.1	-40	-3.1
8530	-1.1	117.1	-40	-2.6
8540	-0.5	117.1	-40	-2.1
8550	0.0	117.2	-40	-1.8
8560	0.0	117.2	-40	-1.5
8570	0.5	117.2	-40	-1.3
8580	0.7	117.2	-40	-1.0

8590	0.8	117.2	-40	-0.2
8600	0.8	117.2	-40	0.0
8610	2.0	117.2	-40	0.0
8620	6.9	117.2	-40	1.3
8630	2.0	117.2	-40	3.9
8640	-0.1	117.1	-40	5.3
8650	3.0	117.1	-40	5.5
8660	3.8	117.0	-40	6.3
8670	2.3	116.9	-39	8.2
8680	2.6	116.8	-39	9.3
8690	3.1	116.7	-39	12.7
8700	2.6	116.6	-39	14.6
8710	2.8	116.4	-39	16.5
8720	3.0	116.3	-39	18.1
8730	3.0	116.1	-39	19.9
8740	3.1	115.9	-38	19.4
8750	3.3	115.7	-38	19.1
8760	3.4	115.5	-38	20.4
8770	3.5	115.2	-38	22.3
8780	3.3	115.0	-38	23.9
8790	3.3	114.7	-37	31.1
8800	3.4	114.4	-37	30.0
8810	3.4	114.1	-37	28.7
8820	3.3	113.7	-36	37.0
8830	3.4	113.4	-36	35.4
8840	3.5	113.0	-36	33.2
8850	3.5	112.6	-35	34.8
8860	3.5	112.2	-35	36.7
8870	3.7	111.8	-34	38.8
8880	3.7	111.4	-34	39.9
8890	3.5	110.9	-33	41.5
8900	3.3	110.4	-33	52.7
8910	3.1	109.9	-32	54.5
8920	3.5	109.4	-32	55.9
8930	3.5	108.9	-31	58.3
8940	3.3	108.4	-31	59.9
8950	3.5	107.8	-30	61.7
8960	3.3	107.2	-30	64.1
8970	3.1	106.6	-29	65.7
8980	3.7	106.0	-29	67.6
8990	3.1	105.4	-28	69.2
9000	3.0	104.7	-27	64.6
9010	3.1	104.1	-27	66.2
9020	3.3	103.4	-26	67.6
9030	3.1	102.7	-25	69.2
9040	2.8	102.0	-25	70.8
9050	3.3	101.3	-24	72.1
9060	3.1	100.6	-23	73.7
9070	3.0	99.8	-22	75.3
9080	3.4	99.1	-22	76.6
9090	3.4	98.3	-21	78.2
9100	3.3	97.5	-20	79.8
9110	3.5	96.7	-19	81.7
9120	3.1	95.8	-18	83.0

9130	3.4	95.0	-18	84.6
9140	3.7	94.1	-17	86.2
9150	3.7	93.3	-16	88.1
9160	3.5	92.4	-15	89.7
9170	3.4	91.5	-14	91.3
9180	3.5	90.5	-13	93.1
9190	4.1	89.6	-12	95.0
9200	3.8	88.6	-11	96.9
9210	3.8	87.6	-10	98.7
9220	3.7	86.6	-9	100.6
9230	3.7	85.6	-8	102.4
9240	3.9	84.6	-7	104.0
9250	3.8	83.5	-6	105.9
9260	3.8	82.5	-5	107.5
9270	3.8	81.4	-4	109.6
9280	4.3	80.3	-3	111.2
9290	4.3	79.1	-2	113.1
9300	3.8	78.0	-1	115.2
9310	3.9	76.8	1	117.1
9320	4.3	75.6	2	118.7
9330	4.3	74.4	3	120.8
9340	3.4	73.2	4	122.7
9350	4.9	72.0	5	108.8
9360	14.1	70.9	7	120.8
9370	13.7	69.9	8	99.3
9380	9.4	69.0	8	89.1
9390	10.2	68.2	9	71.6
9400	10.7	67.4	10	72.1
9410	11.1	66.8	11	58.3
9420	10.4	66.2	11	58.0
9430	8.3	65.6	12	52.1
9440	7.7	65.1	12	47.1
9450	7.7	64.7	13	38.0
9460	7.1	64.3	13	38.3
9470	7.1	64.0	13	30.8
9480	7.7	63.6	14	30.6
9490	7.9	63.4	14	24.7
9500	8.1	63.1	14	25.0
9510	8.1	62.9	15	20.2
9520	8.0	62.7	15	20.2
9530	7.7	62.5	15	16.2
9540	6.9	62.3	15	16.5
9550	6.2	62.2	15	14.6
9560	5.8	62.0	15	13.3
9570	5.8	61.9	16	11.7
9580	5.3	61.8	16	9.5
9590	5.3	61.7	16	10.3
9600	5.7	61.6	16	8.5
9610	5.8	61.5	16	6.6
9620	5.3	61.4	16	6.9
9630	4.9	61.4	16	6.9
9640	4.6	61.3	16	5.5
9650	3.9	61.3	16	5.5
9660	3.7	61.2	16	4.5

9670	3.7	61.2	16	3.9
9680	3.5	61.2	16	3.4
9690	3.5	61.1	16	3.1
9700	3.7	61.1	16	3.1
9710	3.8	61.1	16	2.6
9720	3.8	61.0	16	2.3
9730	3.8	61.0	16	1.8
9740	3.4	61.0	16	1.8
9750	3.0	61.0	16	1.8
9760	3.0	61.0	16	1.8
9770	2.8	60.9	17	2.1
9780	2.7	60.9	17	2.1
9790	3.3	60.9	17	1.8
9800	4.5	60.9	17	0.2
9810	3.7	60.9	17	0.0
9820	3.1	60.9	17	0.0
9830	3.9	60.9	17	0.0
9840	3.7	60.9	17	0.2
9850	3.5	60.9	17	0.0
9860	3.3	60.9	17	0.0
9870	2.8	60.9	17	0.2
9880	3.1	60.9	17	0.0
9890	3.5	60.9	17	0.2
9900	3.9	60.9	17	0.2
9910	4.2	60.9	17	0.0
9920	4.5	60.9	17	0.0
9930	4.6	60.9	17	0.2
9940	4.6	60.9	17	0.0
9950	4.5	60.9	17	0.2
9960	4.5	60.9	17	0.0
9970	4.5	60.9	17	0.0
9980	4.3	60.9	17	0.0
9990	4.7	60.9	17	0.0
10000	4.9	60.9	17	0.0
10010	5.2	60.9	17	0.0
10020	5.4	60.9	17	0.0
10030	5.7	60.9	17	0.0
10040	5.8	60.9	17	0.0
10050	5.6	60.9	17	0.0
10060	5.4	60.9	17	0.0
10070	5.4	60.9	17	0.0
10080	5.4	60.9	17	0.0
10090	5.4	60.9	17	0.0
10100	5.6	60.9	17	0.0
10110	5.8	60.9	17	0.0
10120	6.0	60.9	17	0.0
10130	6.0	60.9	17	0.0
10140	6.0	60.9	17	0.0
10150	5.8	60.9	17	0.0
10160	5.6	60.9	17	0.0
10170	4.9	60.9	17	0.0
10180	4.2	60.9	17	0.0
10190	3.5	60.9	17	0.0
10200	2.7	60.9	17	0.0

10210	1.8	60.9	17	0.0
10220	1.1	60.9	17	0.0
10230	0.3	60.9	17	0.0
10240	-0.5	60.9	17	0.0
10250	-1.1	60.9	17	0.7
10260	-1.2	60.8	17	1.0
10270	-1.4	60.8	17	0.0
10280	-4.3	60.8	17	0.0
10290	-12.7	60.9	17	-2.3
10300	-6.5	60.9	17	-4.2
10310	-3.5	61.0	16	-5.5
10320	-9.2	61.0	16	-7.9
10330	-9.4	61.2	16	-13.3
10340	-8.7	61.3	16	-16.5
10350	-8.7	61.5	16	-22.8
10360	-9.1	61.8	16	-30.3
10370	-9.4	62.1	15	-35.6
10380	-9.4	62.5	15	-37.5
10390	-9.1	62.9	15	-38.3
10400	-9.6	63.4	14	-43.1
10410	-10.4	63.9	14	-58.0
10420	-10.6	64.5	13	-63.3
10430	-10.3	65.1	12	-70.2
10440	-10.0	65.7	12	-69.2
10450	-10.4	66.5	11	-67.3
10460	-10.0	67.3	10	-88.3
10470	-9.8	68.1	9	-93.9
10480	-9.8	69.0	8	-98.7
10490	-9.9	70.0	7	-105.4
10500	-10.3	71.0	6	-111.0
10510	-9.8	72.0	5	-117.1
10520	-9.9	73.1	4	-122.4
10530	-10.6	74.3	3	-116.6
10540	-9.8	75.5	2	-121.9
10550	-9.8	76.8	1	-127.5
10560	-9.8	78.1	-1	-132.8
10570	-9.4	79.4	-2	-137.9
10580	-8.8	80.9	-3	-142.9
10590	-8.1	82.3	-5	-147.4
10600	-8.3	83.8	-6	-151.4
10610	-8.0	85.4	-8	-155.7
10620	-8.7	87.0	-10	-159.4
10630	-7.6	88.6	-11	-163.7
10640	-7.6	90.2	-13	-167.4
10650	-6.6	91.9	-14	-171.1
10660	-6.4	93.7	-16	-174.3
10670	-7.7	95.4	-18	-177.3
10680	-6.5	97.2	-20	-180.7
10690	-5.3	99.1	-22	-183.6
10700	-5.7	100.9	-23	-186.0
10710	-6.0	102.8	-25	-188.7
10720	-6.0	104.7	-27	-191.4
10730	-8.4	106.6	-29	-207.9
10740	-26.6	108.2	-31	-162.3

10750	-27.4	109.7	-32	-137.6
10760	-15.5	110.9	-33	-103.5
10770	-15.5	111.9	-34	-96.6
10780	-16.8	112.8	-35	-89.4
10790	-15.2	113.5	-36	-68.9
10800	-12.5	114.1	-37	-63.6
10810	-11.4	114.6	-37	-48.7
10820	-9.6	115.0	-38	-44.9
10830	-8.8	115.4	-38	-34.3
10840	-7.6	115.7	-38	-26.0
10850	-7.3	115.9	-38	-24.4
10860	-7.2	116.1	-39	-22.3
10870	-7.1	116.3	-39	-17.3
10880	-7.3	116.5	-39	-15.9
10890	-7.2	116.6	-39	-12.2
10900	-6.4	116.7	-39	-11.4
10910	-5.6	116.8	-39	-8.7
10920	-4.5	116.9	-39	-6.6
10930	-3.1	116.9	-39	-6.3
10940	-1.9	117.0	-40	-5.0
10950	-1.2	117.0	-40	-3.7
10960	-0.8	117.1	-40	-3.1
10970	-0.5	117.1	-40	-2.6
10980	-0.4	117.1	-40	-2.3
10990	-0.3	117.2	-40	-2.1
11000	-0.1	117.2	-40	-1.5
11010	0.0	117.2	-40	-1.8
11020	0.1	117.2	-40	-1.3
11030	0.5	117.2	-40	-1.0
11040	0.8	117.2	-40	-0.7
11050	0.8	117.2	-40	0.0
11060	1.6	117.2	-40	0.0
11070	8.7	117.2	-40	1.5
11080	3.1	117.2	-40	4.7
11090	-0.3	117.1	-40	7.1
11100	2.8	117.0	-40	6.6
11110	4.2	117.0	-40	7.4
11120	2.3	116.9	-39	9.5
11130	3.1	116.7	-39	10.6
11140	3.5	116.6	-39	12.2
11150	3.0	116.5	-39	14.1
11160	3.8	116.3	-39	15.1
11170	3.8	116.1	-39	17.0
11180	3.5	115.9	-38	23.1
11190	3.8	115.7	-38	25.2
11200	3.7	115.4	-38	25.0
11210	3.7	115.2	-38	24.2
11220	3.8	114.9	-37	26.0
11230	3.8	114.6	-37	34.0
11240	3.9	114.3	-37	32.7
11250	3.7	113.9	-36	31.4
11260	3.9	113.6	-36	33.2
11270	3.9	113.2	-36	42.5
11280	3.5	112.8	-35	40.7

11290	3.7	112.3	-35	38.6
11300	3.8	111.9	-34	49.2
11310	3.5	111.4	-34	51.1
11320	3.5	111.0	-34	48.4
11330	3.5	110.5	-33	44.9
11340	3.3	110.0	-33	46.5
11350	3.3	109.4	-32	48.9
11360	3.4	108.9	-31	49.5
11370	3.1	108.3	-31	62.2
11380	3.4	107.7	-30	63.8
11390	3.0	107.1	-30	65.7
11400	3.0	106.5	-29	67.6
11410	3.0	105.9	-28	68.9
11420	3.1	105.2	-28	70.5
11430	2.7	104.6	-27	65.7
11440	3.0	103.9	-26	67.0
11450	3.4	103.2	-26	68.6
11460	3.0	102.5	-25	70.0
11470	2.8	101.8	-24	71.6
11480	3.4	101.1	-24	73.2
11490	3.3	100.4	-23	74.5
11500	3.1	99.6	-22	76.1
11510	3.3	98.8	-21	78.0
11520	3.4	98.0	-21	79.3
11530	3.4	97.2	-20	81.1
11540	3.3	96.4	-19	82.7
11550	3.1	95.6	-18	84.6
11560	3.4	94.7	-17	85.9
11570	3.4	93.8	-16	87.8
11580	3.7	92.9	-15	89.7
11590	3.7	92.0	-15	91.3
11600	3.0	91.1	-14	92.6
11610	3.1	90.2	-13	94.2
11620	3.9	89.2	-12	95.8
11630	3.5	88.2	-11	97.4
11640	3.3	87.2	-10	99.3
11650	3.7	86.2	-9	100.8
11660	3.7	85.2	-8	102.4
11670	3.7	84.2	-7	104.3
11680	3.7	83.1	-6	106.2
11690	3.5	82.1	-5	107.8
11700	3.8	81.0	-4	109.4
11710	4.1	79.9	-2	111.2
11720	3.9	78.7	-1	113.1
11730	3.5	77.6	0	115.0
11740	3.9	76.4	1	116.6
11750	4.5	75.2	2	118.2
11760	4.1	74.0	3	120.3
11770	3.5	72.9	5	109.9
11780	8.5	71.7	6	104.8
11790	15.1	70.6	7	116.0
11800	11.7	69.6	8	95.5
11810	9.6	68.7	9	85.7
11820	10.8	68.0	9	69.2

11830	10.3	67.2	10	69.4
11840	10.4	66.6	11	68.6
11850	9.5	66.0	11	56.1
11860	7.6	65.5	12	50.5
11870	7.3	65.0	12	50.0
11880	7.2	64.6	13	36.7
11890	6.4	64.2	13	37.0
11900	6.4	63.9	14	29.8
11910	6.8	63.6	14	29.8
11920	6.6	63.3	14	23.9
11930	6.8	63.1	14	24.2
11940	6.8	62.8	15	19.4
11950	6.2	62.6	15	19.7
11960	5.8	62.5	15	15.7
11970	5.3	62.3	15	15.9
11980	4.6	62.1	15	14.3
11990	3.9	62.0	15	13.0
12000	3.8	61.9	16	11.4
12010	3.1	61.8	16	9.3
12020	2.8	61.7	16	9.3
12030	2.4	61.6	16	7.7
12040	2.0	61.5	16	7.9
12050	1.1	61.5	16	6.6
12060	0.1	61.4	16	5.8
12070	0.0	61.3	16	4.7
12080	0.0	61.3	16	5.3
12090	-0.7	61.2	16	4.5
12100	-1.4	61.2	16	3.7
12110	-10.7	61.2	16	2.1
12120	-4.6	61.2	16	-2.1
12130	-1.1	61.2	16	-3.7
12140	-5.7	61.3	16	-4.2
12150	-7.1	61.3	16	-6.9
12160	-4.2	61.4	16	-10.3
12170	-5.8	61.6	16	-15.4
12180	-7.6	61.7	16	-16.7
12190	-6.0	61.9	16	-18.6
12200	-7.2	62.2	15	-21.5
12210	-8.4	62.4	15	-27.6
12220	-7.6	62.7	15	-28.7
12230	-7.5	63.1	14	-33.2
12240	-8.5	63.5	14	-36.7
12250	-8.5	64.0	13	-49.7
12260	-8.0	64.4	13	-49.5
12270	-8.7	64.9	13	-48.1
12280	-8.5	65.5	12	-63.8
12290	-8.5	66.1	11	-62.8
12300	-9.1	66.8	11	-60.6
12310	-9.2	67.5	10	-79.0
12320	-9.5	68.2	9	-76.6
12330	-9.5	69.0	8	-73.4
12340	-9.4	69.9	8	-77.7
12350	-10.0	70.8	7	-81.9
12360	-9.2	71.8	6	-86.7

12370	-8.7	72.8	5	-91.3
12380	-8.7	73.9	4	-105.9
12390	-8.3	74.9	3	-110.7
12400	-7.9	76.1	1	-114.7
12410	-7.6	77.3	0	-119.0
12420	-7.7	78.5	-1	-122.9
12430	-6.8	79.7	-2	-127.2
12440	-6.2	81.0	-4	-130.4
12450	-6.1	82.4	-5	-133.6
12460	-6.1	83.7	-6	-136.3
12470	-6.0	85.1	-8	-139.2
12480	-6.1	86.5	-9	-142.1
12490	-5.4	88.0	-11	-145.3
12500	-6.2	89.4	-12	-147.7
12510	-5.2	90.9	-13	-150.6
12520	-6.1	92.5	-15	-152.8
12530	-5.8	94.0	-17	-156.0
12540	-6.9	95.6	-18	-158.6
12550	-6.8	97.2	-20	-161.8
12560	-5.8	98.9	-21	-165.3
12570	-6.6	100.5	-23	-167.9
12580	-6.2	102.2	-25	-170.9
12590	-6.6	104.0	-27	-174.1
12600	-7.3	105.6	-28	-159.4
12610	-20.5	107.3	-30	-145.3
12620	-28.3	108.8	-31	-139.7
12630	-23.9	110.0	-33	-107.2
12640	-15.7	111.1	-34	-101.6
12650	-19.8	112.0	-35	-95.3
12660	-19.5	112.8	-35	-74.5
12670	-17.8	113.4	-36	-63.6
12680	-15.7	114.0	-37	-48.9
12690	-15.2	114.5	-37	-46.3
12700	-13.4	114.9	-37	-35.4
12710	-12.5	115.3	-38	-37.0
12720	-11.9	115.5	-38	-29.0
12730	-10.7	115.8	-38	-22.0
12740	-9.2	116.0	-39	-21.2
12750	-8.9	116.2	-39	-16.2
12760	-8.5	116.4	-39	-16.7
12770	-7.6	116.5	-39	-13.0
12780	-6.5	116.6	-39	-9.8
12790	-5.2	116.7	-39	-10.3
12800	-3.8	116.8	-39	-8.2
12810	-2.6	116.9	-39	-6.1
12820	-1.5	116.9	-39	-5.5
12830	-0.3	117.0	-40	-4.7
12840	0.0	117.0	-40	-3.7
12850	0.0	117.1	-40	-3.4
12860	0.3	117.1	-40	-2.9
12870	0.5	117.1	-40	-2.3
12880	0.8	117.1	-40	-2.3
12890	1.6	117.2	-40	-1.8
12900	7.2	117.2	-40	-0.2

12910	4.1	117.1	-40	2.1
12920	1.1	117.1	-40	3.7
12930	3.1	117.1	-40	4.2
12940	4.2	117.0	-40	6.9
12950	3.1	116.9	-39	9.5
12960	3.4	116.8	-39	11.7
12970	3.8	116.7	-39	13.3
12980	3.4	116.6	-39	14.3
12990	3.7	116.4	-39	14.3
13000	3.9	116.2	-39	15.9
13010	3.8	116.0	-39	18.3
13020	4.1	115.8	-38	24.2
13030	4.5	115.6	-38	26.6
13040	4.3	115.3	-38	29.5
13050	4.2	115.0	-38	32.2
13060	4.6	114.7	-37	31.6
13070	4.3	114.4	-37	30.6
13080	3.9	114.0	-37	32.4
13090	4.1	113.7	-36	34.6
13100	4.1	113.3	-36	36.4
13110	3.8	112.8	-35	47.1
13120	3.9	112.4	-35	44.9
13130	4.3	111.9	-34	42.3
13140	4.3	111.4	-34	54.0
13150	4.2	110.9	-33	55.9
13160	3.8	110.4	-33	58.8
13170	3.8	109.9	-32	55.6
13180	4.3	109.3	-32	51.6
13190	3.9	108.7	-31	53.5
13200	3.3	108.1	-31	55.3
13210	3.8	107.5	-30	63.0
13220	4.1	106.8	-29	58.5
13230	3.7	106.2	-29	60.1
13240	3.5	105.4	-28	68.6
13250	3.4	104.7	-27	70.8
13260	3.8	104.0	-27	72.4
13270	4.1	103.3	-26	74.2
13280	3.5	102.5	-25	76.1
13290	3.4	101.7	-24	78.0
13300	3.8	101.0	-24	79.8
13310	3.3	100.1	-23	81.7
13320	3.5	99.3	-22	83.3
13330	4.1	98.5	-21	85.1
13340	3.8	97.6	-20	87.0
13350	4.1	96.7	-19	88.9
13360	3.9	95.8	-18	91.0
13370	3.9	94.9	-17	92.9
13380	4.1	93.9	-16	94.7
13390	4.1	93.0	-16	96.9
13400	4.1	92.0	-15	98.7
13410	3.9	91.0	-14	100.6
13420	4.2	90.0	-13	102.4
13430	4.3	88.9	-11	104.6
13440	4.5	87.9	-10	106.7

13450	3.8	86.8	-9	108.8
13460	4.1	85.7	-8	110.7
13470	4.5	84.6	-7	112.6
13480	4.3	83.4	-6	114.4
13490	4.3	82.3	-5	116.8
13500	4.2	81.1	-4	118.7
13510	4.3	79.9	-2	120.5
13520	4.5	78.6	-1	122.7
13530	3.7	77.4	0	124.8
13540	3.9	76.1	1	126.7
13550	4.9	74.9	3	128.3
13560	3.9	73.6	4	130.7
13570	4.2	72.2	5	131.5
13580	14.2	71.1	6	119.8
13590	15.6	70.0	7	96.6
13600	10.6	69.0	8	95.8
13610	10.8	68.1	9	92.1
13620	11.7	67.3	10	76.4
13630	10.8	66.6	11	68.1
13640	10.7	66.0	11	60.6
13650	8.8	65.4	12	54.0
13660	7.2	64.9	13	48.4
13670	7.3	64.5	13	43.1
13680	6.6	64.1	13	34.6
13690	6.2	63.7	14	34.3
13700	6.2	63.4	14	27.4
13710	6.5	63.2	14	27.1
13720	6.2	62.9	15	26.3
13730	6.1	62.7	15	21.8
13740	6.0	62.5	15	19.4
13750	5.4	62.3	15	17.3
13760	4.7	62.1	15	17.0
13770	3.8	62.0	15	13.8
13780	3.5	61.9	16	12.2
13790	2.6	61.8	16	9.8
13800	1.9	61.7	16	9.8
13810	1.6	61.6	16	7.7
13820	0.9	61.5	16	7.4
13830	0.0	61.4	16	6.9
13840	0.0	61.4	16	5.8
13850	0.0	61.3	16	5.3
13860	-0.7	61.3	16	4.5
13870	-2.3	61.2	16	4.5
13880	-11.3	61.2	16	1.5
13890	-3.8	61.2	16	-2.6
13900	-1.4	61.2	16	-3.4
13910	-7.1	61.3	16	-4.5
13920	-5.7	61.4	16	-7.4
13930	-3.5	61.5	16	-10.3
13940	-5.8	61.6	16	-12.2
13950	-6.2	61.8	16	-18.1
13960	-4.5	62.0	15	-22.0
13970	-6.2	62.2	15	-22.0
13980	-7.5	62.4	15	-23.1

13990	-6.1	62.7	15	-32.4
14000	-6.8	63.0	14	-33.0
14010	-8.1	63.4	14	-33.0
14020	-7.7	63.8	14	-44.9
14030	-7.7	64.2	13	-49.5
14040	-8.5	64.7	13	-48.9
14050	-8.9	65.2	12	-48.4
14060	-8.4	65.8	12	-52.7
14070	-9.2	66.4	11	-69.4
14080	-9.5	67.1	10	-74.5
14090	-9.6	67.8	10	-79.0
14100	-9.5	68.6	9	-85.7
14110	-9.4	69.4	8	-91.5
14120	-9.5	70.3	7	-96.6
14130	-9.6	71.2	6	-102.2
14140	-9.1	72.2	5	-108.0
14150	-8.7	73.2	4	-112.6
14160	-9.5	74.2	3	-107.5
14170	-8.8	75.4	2	-112.3
14180	-8.9	76.5	1	-116.8
14190	-9.1	77.7	0	-121.9
14200	-8.8	79.0	-2	-126.1
14210	-8.3	80.3	-3	-131.2
14220	-7.9	81.6	-4	-135.2
14230	-7.7	83.0	-6	-139.5
14240	-7.9	84.4	-7	-143.2
14250	-7.1	85.9	-8	-147.2
14260	-8.4	87.4	-10	-150.9
14270	-7.9	88.9	-11	-154.9
14280	-7.1	90.5	-13	-158.9
14290	-7.6	92.1	-15	-162.3
14300	-6.9	93.8	-16	-166.1
14310	-8.1	95.5	-18	-169.3
14320	-7.1	97.2	-20	-173.3
14330	-6.5	98.9	-21	-176.7
14340	-6.5	100.7	-23	-179.7
14350	-6.4	102.5	-25	-182.6
14360	-6.4	104.4	-27	-186.0
14370	-6.8	106.2	-29	-169.0
14380	-26.4	107.9	-30	-163.4
14390	-29.0	109.3	-32	-124.8
14400	-19.5	110.6	-33	-117.4
14410	-15.5	111.6	-34	-108.0
14420	-19.0	112.5	-35	-83.8
14430	-16.8	113.2	-36	-70.8
14440	-12.9	113.8	-36	-53.7
14450	-12.1	114.4	-37	-55.3
14460	-11.7	114.8	-37	-38.0
14470	-9.9	115.2	-38	-39.4
14480	-7.5	115.5	-38	-30.3
14490	-7.2	115.8	-38	-27.9
14500	-6.2	116.0	-39	-21.8
14510	-5.2	116.2	-39	-19.9
14520	-4.9	116.4	-39	-15.7

14530	-5.2	116.5	-39	-14.6
14540	-4.3	116.6	-39	-11.1
14550	-3.5	116.7	-39	-8.5
14560	-2.6	116.8	-39	-8.5
14570	-1.6	116.9	-39	-6.6
14580	-0.3	116.9	-39	-4.7
14590	0.0	117.0	-40	-4.5
14600	0.0	117.0	-40	-3.9
14610	0.4	117.0	-40	-2.9
14620	0.5	117.1	-40	-2.3
14630	0.8	117.1	-40	-2.1
14640	2.0	117.1	-40	-1.5
14650	5.0	117.1	-40	0.0
14660	2.7	117.1	-40	0.7
14670	0.0	117.1	-40	2.6
14680	3.9	117.1	-40	2.3
14690	3.7	117.0	-40	5.3
14700	2.3	117.0	-40	7.4
14710	3.4	116.9	-39	9.0
14720	3.4	116.8	-39	10.9
14730	2.7	116.7	-39	12.7
14740	3.1	116.5	-39	14.6
14750	3.4	116.4	-39	16.5
14760	3.4	116.2	-39	16.5
14770	3.7	116.1	-39	16.7
14780	3.9	115.9	-38	20.4
14790	3.8	115.6	-38	20.7
14800	3.8	115.4	-38	27.1
14810	4.1	115.1	-38	26.6
14820	4.1	114.8	-37	29.0
14830	3.9	114.5	-37	27.9
14840	4.1	114.2	-37	36.4
14850	4.2	113.8	-36	38.8
14860	4.1	113.5	-36	40.9
14870	4.1	113.1	-36	39.4
14880	4.1	112.7	-35	37.5
14890	4.3	112.3	-35	39.4
14900	4.5	111.8	-34	50.5
14910	4.1	111.3	-34	52.9
14920	4.2	110.8	-33	55.1
14930	4.2	110.3	-33	52.4
14940	4.1	109.8	-32	49.2
14950	3.9	109.2	-32	62.5
14960	4.3	108.6	-31	64.4
14970	4.1	108.0	-31	66.8
14980	4.3	107.4	-30	62.8
14990	4.1	106.7	-29	71.6
15000	4.1	106.1	-29	73.7
15010	3.8	105.4	-28	75.8
15020	3.5	104.7	-27	71.0
15030	3.9	103.9	-26	72.9
15040	4.3	103.2	-26	74.8
15050	3.7	102.4	-25	76.9
15060	3.4	101.7	-24	78.8

15070	3.9	100.9	-23	80.3
15080	3.5	100.0	-23	82.2
15090	3.8	99.2	-22	84.1
15100	4.1	98.3	-21	86.2
15110	3.7	97.5	-20	88.1
15120	3.9	96.6	-19	89.9
15130	3.4	95.7	-18	91.8
15140	3.4	94.7	-17	93.4
15150	3.9	93.8	-16	95.0
15160	4.1	92.8	-15	97.1
15170	3.7	91.8	-14	99.0
15180	4.1	90.8	-13	100.8
15190	3.9	89.8	-12	102.7
15200	4.7	88.8	-11	104.6
15210	4.3	87.7	-10	106.7
15220	4.1	86.6	-9	108.8
15230	4.3	85.5	-8	111.0
15240	4.3	84.4	-7	113.1
15250	4.3	83.2	-6	115.0
15260	4.3	82.1	-5	117.4
15270	4.5	80.9	-3	119.2
15280	4.9	79.7	-2	121.3
15290	4.6	78.4	-1	123.5
15300	3.8	77.2	0	125.6
15310	4.3	75.9	2	127.5
15320	5.2	74.6	3	129.3
15330	3.7	73.3	4	132.0
15340	4.9	72.0	5	144.2
15350	15.7	70.9	7	117.9
15360	14.8	69.7	8	116.0
15370	10.6	68.8	9	93.9
15380	11.7	67.9	10	83.5
15390	11.7	67.2	10	67.0
15400	11.4	66.5	11	66.8
15410	11.3	65.9	12	53.2
15420	8.4	65.3	12	52.9
15430	7.2	64.8	13	47.1
15440	7.7	64.4	13	42.0
15450	6.9	64.0	13	33.5
15460	6.2	63.7	14	33.2
15470	6.0	63.4	14	29.5
15480	6.1	63.1	14	23.6
15490	5.8	62.9	15	23.4
15500	5.6	62.6	15	18.9
15510	5.0	62.5	15	18.9
15520	4.2	62.3	15	18.3
15530	3.4	62.1	15	14.9
15540	2.3	62.0	15	13.5
15550	1.6	61.9	16	12.7
15560	0.5	61.8	16	10.3
15570	0.0	61.7	16	9.3
15580	0.0	61.6	16	7.4
15590	0.0	61.5	16	7.9
15600	-0.7	61.4	16	6.3

15610	-4.5	61.4	16	6.1
15620	-8.9	61.3	16	2.3
15630	-2.3	61.4	16	-0.7
15640	-2.6	61.4	16	-1.8
15650	-7.7	61.4	16	-3.7
15660	-4.7	61.5	16	-6.9
15670	-5.0	61.6	16	-9.3
15680	-5.6	61.7	16	-11.7
15690	-4.6	61.8	16	-17.3
15700	-5.0	62.0	15	-19.9
15710	-5.8	62.2	15	-20.7
15720	-5.3	62.4	15	-21.2
15730	-5.4	62.7	15	-29.5
15740	-6.8	63.0	14	-29.8
15750	-6.9	63.3	14	-30.0
15760	-6.5	63.7	14	-33.5
15770	-7.3	64.1	13	-44.7
15780	-7.5	64.5	13	-48.7
15790	-7.2	65.0	12	-48.1
15800	-7.2	65.5	12	-46.5
15810	-7.7	66.1	11	-61.4
15820	-8.3	66.6	11	-59.9
15830	-8.5	67.3	10	-57.7
15840	-9.2	67.9	10	-62.8
15850	-9.8	68.7	9	-66.2
15860	-9.8	69.4	8	-72.1
15870	-10.0	70.3	7	-75.3
15880	-10.3	71.1	6	-80.1
15890	-9.9	72.1	5	-85.1
15900	-9.5	73.1	4	-99.3
15910	-10.0	74.1	3	-104.6
15920	-9.1	75.2	2	-110.2
15930	-10.0	76.3	1	-115.0
15940	-10.6	77.5	0	-120.5
15950	-10.4	78.8	-1	-125.9
15960	-10.4	80.1	-3	-131.7
15970	-10.3	81.5	-4	-137.3
15980	-10.4	82.9	-5	-143.2
15990	-10.2	84.3	-7	-148.2
16000	-9.6	85.9	-8	-153.8
16010	-10.7	87.4	-10	-158.9
16020	-10.2	89.1	-12	-164.5
16030	-9.1	90.8	-13	-169.5
16040	-9.8	92.5	-15	-174.1
16050	-8.9	94.3	-17	-178.9
16060	-9.9	96.1	-19	-183.6
16070	-9.6	98.0	-21	-188.2
16080	-7.5	99.9	-22	-193.0
16090	-7.7	101.8	-24	-197.2
16100	-7.9	103.8	-26	-200.4
16110	-8.0	105.9	-28	-203.9
16120	-23.9	107.7	-30	-183.9
16130	-33.1	109.4	-32	-169.3
16140	-26.3	110.6	-33	-129.1

16150	-16.8	111.8	-34	-106.4
16160	-20.3	112.7	-35	-79.8
16170	-19.7	113.5	-36	-74.2
16180	-15.3	114.2	-37	-67.6
16190	-13.4	114.7	-37	-51.3
16200	-13.2	115.1	-38	-46.5
16210	-11.1	115.5	-38	-35.4
16220	-9.2	115.8	-38	-26.3
16230	-8.9	116.0	-39	-24.7
16240	-8.5	116.3	-39	-18.3
16250	-8.4	116.4	-39	-18.9
16260	-9.2	116.6	-39	-14.3
16270	-9.8	116.7	-39	-13.3
16280	-9.5	116.8	-39	-10.1
16290	-9.5	116.9	-39	-9.0
16300	-8.8	117.0	-40	-6.6
16310	-7.7	117.0	-40	-6.3
16320	-6.8	117.1	-40	-4.5
16330	-6.0	117.1	-40	-3.9
16340	-5.3	117.2	-40	-3.4
16350	-5.2	117.2	-40	-2.3
16360	-4.7	117.2	-40	-2.3
16370	-4.2	117.2	-40	-1.8
16380	-3.8	117.2	-40	-1.5
16390	-3.4	117.3	-40	-1.0
16400	-3.0	117.3	-40	-1.0
16410	-2.0	117.3	-40	-0.7
16420	-0.9	117.3	-40	-0.5
16430	-0.3	117.3	-40	-0.2
16440	0.3	117.3	-40	-0.2
16450	0.4	117.3	-40	-0.2
16460	0.7	117.3	-40	0.0
16470	0.8	117.3	-40	0.0
16480	0.8	117.3	-40	0.2
16490	0.8	117.3	-40	1.0
16500	1.5	117.3	-40	0.5
16510	6.4	117.3	-40	1.8
16520	3.3	117.2	-40	4.5
16530	0.8	117.2	-40	5.5
16540	3.1	117.1	-40	6.3
16550	3.7	117.0	-40	7.7
16560	2.6	116.9	-39	9.8
16570	3.1	116.8	-39	10.9
16580	3.4	116.7	-39	11.9
16590	2.8	116.5	-39	17.0
16600	3.5	116.3	-39	18.6
16610	3.4	116.1	-39	20.4
16620	3.3	115.9	-38	22.6
16630	3.8	115.7	-38	24.4
16640	3.9	115.5	-38	24.4
16650	3.8	115.2	-38	24.2
16660	3.8	115.0	-38	25.8
16670	3.8	114.6	-37	33.8
16680	3.9	114.3	-37	35.6

16690	3.7	114.0	-37	38.3
16700	3.7	113.6	-36	36.7
16710	3.8	113.2	-36	34.6
16720	3.5	112.8	-35	36.7
16730	3.4	112.4	-35	39.1
16740	3.7	112.0	-35	40.1
16750	3.8	111.5	-34	51.1
16760	3.9	111.0	-34	48.1
16770	4.3	110.5	-33	45.2
16780	3.9	110.0	-33	57.7
16790	3.5	109.5	-32	59.9
16800	4.1	108.9	-31	61.7
16810	3.7	108.3	-31	64.1
16820	3.8	107.7	-30	66.2
16830	3.8	107.1	-30	68.4
16840	4.1	106.5	-29	70.2
16850	3.9	105.8	-28	72.4
16860	4.1	105.1	-28	67.8
16870	4.1	104.4	-27	70.2
16880	3.9	103.7	-26	71.8
16890	4.1	103.0	-26	74.0
16900	3.8	102.2	-25	76.4
16910	4.1	101.5	-24	78.0
16920	4.1	100.7	-23	80.1
16930	3.8	99.8	-22	82.2
16940	4.1	99.0	-22	84.1
16950	4.2	98.2	-21	86.2
16960	3.9	97.3	-20	88.1
16970	4.2	96.4	-19	90.5
16980	4.1	95.5	-18	92.6
16990	4.3	94.5	-17	94.2
17000	4.5	93.6	-16	96.6
17010	3.9	92.6	-15	98.7
17020	4.1	91.6	-14	100.6
17030	3.9	90.6	-13	102.4
17040	4.2	89.5	-12	104.3
17050	4.5	88.5	-11	106.4
17060	4.1	87.4	-10	108.6
17070	4.2	86.3	-9	110.4
17080	4.6	85.2	-8	112.6
17090	4.1	84.0	-7	114.7
17100	4.3	82.9	-5	116.8
17110	4.1	81.7	-4	118.7
17120	4.5	80.5	-3	120.5
17130	4.6	79.3	-2	122.7
17140	4.1	78.0	-1	124.5
17150	3.9	76.8	1	126.7
17160	4.6	75.5	2	128.3
17170	4.3	74.2	3	130.4
17180	3.8	72.9	5	119.2
17190	8.9	71.6	6	113.6
17200	16.5	70.4	7	125.1
17210	13.4	69.4	8	101.6
17220	10.7	68.5	9	89.9

17230	11.8	67.6	10	88.3
17240	11.1	66.9	11	72.1
17250	11.5	66.2	11	64.1
17260	10.4	65.7	12	57.2
17270	8.1	65.1	12	56.1
17280	7.6	64.7	13	45.5
17290	7.6	64.2	13	40.7
17300	7.1	63.9	14	32.4
17310	6.8	63.5	14	32.2
17320	6.5	63.2	14	25.8
17330	6.4	63.0	14	25.5
17340	6.5	62.7	15	20.7
17350	6.1	62.5	15	20.2
17360	5.3	62.3	15	19.9
17370	4.5	62.2	15	16.2
17380	3.7	62.0	15	14.3
17390	3.0	61.9	16	14.1
17400	2.0	61.8	16	11.4
17410	1.2	61.7	16	11.1
17420	0.7	61.6	16	9.0
17430	0.1	61.5	16	6.9
17440	0.0	61.4	16	7.1
17450	0.0	61.4	16	6.9
17460	-0.1	61.3	16	5.5
17470	-0.8	61.3	16	5.5
17480	-4.5	61.2	16	4.2
17490	-7.1	61.2	16	0.5
17500	-1.9	61.2	16	-1.8
17510	-2.8	61.2	16	-2.1
17520	-6.8	61.3	16	-3.9
17530	-3.8	61.3	16	-6.6
17540	-4.6	61.4	16	-10.6
17550	-5.8	61.5	16	-12.2
17560	-4.5	61.7	16	-13.5
17570	-4.9	61.9	16	-19.4
17580	-6.1	62.0	15	-20.2
17590	-5.3	62.3	15	-23.1
17600	-5.4	62.5	15	-23.6
17610	-6.8	62.8	15	-32.4
17620	-6.6	63.1	14	-32.7
17630	-6.5	63.5	14	-32.7
17640	-7.5	63.9	14	-43.9
17650	-7.3	64.3	13	-43.6
17660	-6.9	64.8	13	-42.5
17670	-7.2	65.3	12	-46.0
17680	-7.2	65.8	12	-60.6
17690	-7.2	66.4	11	-59.1
17700	-7.7	67.0	10	-56.4
17710	-7.7	67.7	10	-73.2
17720	-8.0	68.4	9	-70.5
17730	-8.3	69.1	8	-67.3
17740	-7.9	69.9	8	-71.0
17750	-8.8	70.7	7	-91.3
17760	-8.4	71.6	6	-96.3

17770	-7.7	72.5	5	-101.1
17780	-7.7	73.5	4	-96.3
17790	-8.1	74.5	3	-100.3
17800	-7.2	75.5	2	-104.3
17810	-8.1	76.6	1	-108.6
17820	-8.4	77.7	0	-112.8
17830	-7.7	78.8	-1	-116.8
17840	-8.1	80.0	-3	-121.6
17850	-8.3	81.3	-4	-125.3
17860	-7.9	82.6	-5	-130.1
17870	-8.0	83.9	-6	-133.6
17880	-8.4	85.3	-8	-138.1
17890	-8.8	86.7	-9	-142.1
17900	-8.0	88.2	-11	-147.2
17910	-8.8	89.7	-12	-151.2
17920	-8.3	91.2	-14	-155.7
17930	-8.8	92.8	-15	-159.7
17940	-8.7	94.4	-17	-164.2
17950	-9.2	96.1	-19	-168.5
17960	-9.4	97.8	-20	-173.0
17970	-7.3	99.6	-22	-177.5
17980	-8.4	101.4	-24	-181.5
17990	-8.4	103.2	-26	-185.0
18000	-8.5	105.1	-28	-189.2
18010	-13.6	106.9	-29	-167.7
18020	-31.6	108.6	-31	-169.0
18030	-29.4	109.9	-32	-132.3
18040	-16.1	111.1	-34	-121.3
18050	-19.1	112.0	-35	-93.4
18060	-21.7	112.9	-35	-79.0
18070	-16.8	113.6	-36	-72.9
18080	-12.9	114.1	-37	-56.1
18090	-14.1	114.7	-37	-46.5
18100	-12.1	115.0	-38	-39.9
18110	-9.5	115.4	-38	-30.0
18120	-7.9	115.7	-38	-30.8
18130	-7.6	115.9	-38	-23.9
18140	-6.6	116.2	-39	-21.8
18150	-5.4	116.3	-39	-16.7
18160	-5.6	116.5	-39	-15.7
18170	-5.6	116.6	-39	-11.9
18180	-4.3	116.7	-39	-11.1
18190	-3.4	116.8	-39	-8.7
18200	-2.6	116.9	-39	-6.3
18210	-1.1	116.9	-39	-6.3
18220	0.0	117.0	-40	-5.0
18230	0.0	117.0	-40	-3.7
18240	0.0	117.1	-40	-3.9
18250	0.5	117.1	-40	-3.4
18260	0.7	117.1	-40	-2.6
18270	0.9	117.1	-40	-2.3
18280	4.5	117.2	-40	-1.3
18290	4.1	117.2	-40	0.7
18300	1.2	117.1	-40	1.8

18310	1.6	117.1	-40	2.6
18320	4.6	117.1	-40	3.4
18330	3.1	117.0	-40	6.9
18340	2.8	116.9	-39	8.7
18350	4.2	116.8	-39	9.8
18360	3.7	116.7	-39	10.6
18370	3.3	116.6	-39	12.7
18380	3.9	116.5	-39	14.3
18390	3.8	116.3	-39	15.9
18400	3.8	116.1	-39	21.8
18410	4.5	115.9	-38	21.5
18420	4.5	115.6	-38	22.0
18430	4.3	115.4	-38	23.9
18440	4.7	115.1	-38	26.0
18450	4.7	114.8	-37	31.4
18460	4.5	114.4	-37	37.5
18470	4.5	114.1	-37	40.1
18480	4.5	113.7	-36	42.8
18490	4.3	113.3	-36	41.2
18500	4.3	112.9	-35	39.4
18510	4.7	112.4	-35	50.5
18520	4.9	111.9	-34	53.7
18530	4.9	111.4	-34	51.1
18540	4.9	110.9	-33	48.1
18550	4.5	110.4	-33	55.9
18560	4.5	109.7	-32	64.1
18570	4.3	109.1	-32	66.8
18580	4.3	108.6	-31	62.8
18590	4.3	107.9	-30	58.5
18600	4.3	107.2	-30	60.6
18610	4.1	106.6	-29	62.2
18620	4.2	105.8	-28	64.1
18630	4.2	105.1	-28	73.2
18640	3.8	104.3	-27	75.6
18650	4.2	103.6	-26	77.4
18660	4.2	102.8	-25	79.6
18670	3.9	102.0	-25	81.7
18680	4.3	101.1	-24	83.5
18690	3.7	100.3	-23	85.9
18700	3.8	99.4	-22	87.5
18710	4.2	98.5	-21	89.7
18720	3.8	97.6	-20	91.5
18730	4.1	96.7	-19	93.4
18740	4.1	95.7	-18	95.5
18750	3.8	94.8	-17	97.4
18760	4.1	93.8	-16	99.5
18770	4.2	92.8	-15	101.4
18780	3.7	91.7	-14	103.0
18790	3.9	90.7	-13	105.1
18800	4.5	89.6	-12	106.7
18810	4.3	88.5	-11	108.8
18820	3.9	87.4	-10	110.7
18830	4.1	86.3	-9	112.6
18840	4.3	85.2	-8	114.7

18850	4.1	84.0	-7	116.6
18860	4.2	82.8	-5	118.7
18870	3.9	81.6	-4	120.8
18880	4.6	80.4	-3	122.4
18890	4.5	79.2	-2	124.8
18900	3.9	77.9	0	126.9
18910	3.9	76.6	1	128.8
18920	4.7	75.3	2	130.4
18930	4.5	74.0	3	132.8
18940	3.9	72.7	5	121.1
18950	11.3	71.4	6	113.6
18960	17.0	70.2	7	113.4
18970	12.2	69.2	8	90.2
18980	10.7	68.3	9	89.1
18990	11.8	67.5	10	79.6
19000	10.6	66.7	11	63.8
19010	11.1	66.1	11	63.0
19020	9.6	65.5	12	56.1
19030	7.2	65.0	12	50.3
19040	7.1	64.5	13	48.9
19050	6.8	64.1	13	39.6
19060	6.2	63.8	14	35.4
19070	6.1	63.4	14	27.9
19080	6.2	63.1	14	27.9
19090	6.0	62.9	15	22.3
19100	5.7	62.7	15	22.0
19110	5.3	62.4	15	21.5
19120	4.3	62.3	15	17.5
19130	3.3	62.1	15	15.7
19140	2.0	62.0	15	15.4
19150	1.6	61.8	16	11.9
19160	0.5	61.7	16	11.7
19170	0.0	61.6	16	9.8
19180	0.0	61.5	16	9.3
19190	0.0	61.5	16	7.4
19200	-0.1	61.4	16	7.4
19210	-0.9	61.3	16	6.1
19220	-8.8	61.3	16	5.3
19230	-4.6	61.3	16	0.2
19240	-2.2	61.3	16	-0.7
19250	-5.2	61.3	16	-2.3
19260	-6.6	61.3	16	-5.3
19270	-4.5	61.4	16	-9.0
19280	-5.8	61.5	16	-11.9
19290	-6.1	61.6	16	-15.4
19300	-4.7	61.8	16	-18.6
19310	-5.8	62.0	15	-21.8
19320	-6.4	62.2	15	-22.6
19330	-6.0	62.5	15	-23.4
19340	-6.4	62.8	15	-32.2
19350	-7.5	63.1	14	-32.7
19360	-7.6	63.4	14	-33.0
19370	-7.6	63.8	14	-37.2
19380	-8.4	64.3	13	-49.2

19390	-8.5	64.7	13	-48.9
19400	-8.1	65.3	12	-53.7
19410	-8.4	65.8	12	-52.4
19420	-9.1	66.5	11	-68.9
19430	-9.2	67.1	10	-74.0
19440	-9.5	67.8	10	-72.1
19450	-10.0	68.6	9	-69.2
19460	-10.2	69.4	8	-74.2
19470	-10.3	70.3	7	-96.3
19480	-10.7	71.2	6	-102.4
19490	-9.9	72.2	5	-108.6
19500	-9.4	73.2	4	-113.9
19510	-9.9	74.3	3	-108.8
19520	-8.9	75.4	2	-113.9
19530	-9.2	76.6	1	-118.7
19540	-9.4	77.8	0	-123.7
19550	-8.9	79.1	-2	-128.3
19560	-8.4	80.4	-3	-133.3
19570	-7.9	81.8	-4	-137.3
19580	-7.9	83.2	-6	-141.8
19590	-7.6	84.6	-7	-145.6
19600	-7.1	86.1	-9	-149.3
19610	-7.3	87.6	-10	-153.0
19620	-7.1	89.2	-12	-156.5
19630	-6.1	90.8	-13	-160.2
19640	-6.8	92.4	-15	-162.9
19650	-6.1	94.1	-17	-165.8
19660	-7.2	95.7	-18	-169.0
19670	-6.8	97.5	-20	-171.9
19680	-5.3	99.2	-22	-175.4
19690	-6.1	101.0	-24	-177.8
19700	-6.2	102.8	-25	-180.4
19710	-5.7	104.6	-27	-183.1
19720	-6.6	106.4	-29	-183.1
19730	-25.8	108.0	-31	-158.6
19740	-27.3	109.5	-32	-148.2
19750	-16.8	110.6	-33	-114.4
19760	-15.1	111.6	-34	-96.6
19770	-19.3	112.5	-35	-90.2
19780	-15.9	113.2	-36	-70.0
19790	-11.5	113.8	-36	-64.6
19800	-11.8	114.3	-37	-49.7
19810	-11.4	114.8	-37	-42.3
19820	-9.5	115.2	-38	-32.2
19830	-7.2	115.5	-38	-30.3
19840	-7.5	115.7	-38	-23.1
19850	-6.8	116.0	-39	-21.8
19860	-5.8	116.2	-39	-16.5
19870	-5.3	116.3	-39	-15.7
19880	-5.2	116.5	-39	-12.2
19890	-4.3	116.6	-39	-12.2
19900	-3.5	116.7	-39	-9.8
19910	-2.7	116.8	-39	-7.1
19920	-1.5	116.8	-39	-7.4

19930	-0.5	116.9	-39	-5.5
19940	0.0	116.9	-39	-4.5
19950	0.0	117.0	-40	-4.2
19960	0.0	117.0	-40	-3.1
19970	0.4	117.1	-40	-2.9
19980	0.5	117.1	-40	-2.6
19990	0.7	117.1	-40	-1.8
20000	1.6	117.1	-40	-1.5
20010	5.7	117.1	-40	0.2
20020	3.4	117.1	-40	1.5
20030	1.2	117.1	-40	3.4
20040	3.5	117.0	-40	3.9
20050	3.8	117.0	-40	5.3
20060	2.6	116.9	-39	7.1
20070	3.3	116.8	-39	8.5
20080	3.5	116.7	-39	9.8
20090	2.3	116.6	-39	14.1
20100	3.0	116.5	-39	15.4
20110	3.5	116.3	-39	17.0
20120	3.3	116.1	-39	17.5
20130	3.7	116.0	-39	17.3
20140	4.1	115.7	-38	23.4
20150	3.8	115.5	-38	23.4
20160	3.8	115.3	-38	23.1
20170	3.8	115.0	-38	24.7
20180	3.8	114.7	-37	29.5
20190	3.7	114.4	-37	34.8
20200	3.4	114.1	-37	33.5
20210	3.7	113.7	-36	35.1
20220	3.8	113.4	-36	33.5
20230	3.7	113.0	-36	35.4
20240	3.9	112.5	-35	45.5
20250	4.3	112.1	-35	47.6
20260	4.2	111.7	-34	45.5
20270	4.2	111.2	-34	42.8
20280	4.1	110.7	-33	54.8
20290	3.7	110.2	-33	51.9
20300	3.8	109.7	-32	48.4
20310	4.1	109.1	-32	50.8
20320	4.1	108.5	-31	52.1
20330	3.8	108.0	-31	53.7
20340	4.3	107.3	-30	55.6
20350	4.3	106.7	-29	57.7
20360	4.6	106.1	-29	59.6
20370	4.6	105.3	-28	68.4
20380	3.9	104.6	-27	70.5
20390	4.2	103.9	-26	72.9
20400	4.9	103.2	-26	75.0
20410	4.3	102.4	-25	77.4
20420	4.1	101.6	-24	79.6
20430	4.6	100.8	-23	81.9
20440	4.2	100.0	-23	84.1
20450	4.7	99.1	-22	86.2
20460	5.3	98.2	-21	88.3

20470	4.7	97.3	-20	91.3
20480	4.5	96.4	-19	93.7
20490	4.5	95.4	-18	96.1
20500	5.0	94.5	-17	97.9
20510	5.0	93.5	-16	100.6
20520	4.9	92.4	-15	103.2
20530	4.5	91.4	-14	105.4
20540	4.9	90.3	-13	107.8
20550	5.3	89.2	-12	110.2
20560	5.3	88.1	-11	112.8
20570	4.6	86.9	-9	115.2
20580	4.9	85.8	-8	117.6
20590	5.6	84.6	-7	120.3
20600	5.2	83.4	-6	122.7
20610	5.2	82.1	-5	125.1
20620	5.0	80.8	-3	127.5
20630	5.2	79.6	-2	129.9
20640	5.2	78.2	-1	132.0
20650	4.3	76.9	1	134.7
20660	5.3	75.5	2	137.1
20670	5.3	74.1	3	139.2
20680	4.1	72.8	5	127.5
20690	11.5	71.4	6	120.0
20700	19.0	70.1	7	130.9
20710	14.1	69.1	8	105.4
20720	11.4	68.2	9	92.6
20730	13.4	67.3	10	90.2
20740	12.1	66.6	11	72.6
20750	12.3	65.9	12	64.1
20760	11.3	65.3	12	56.7
20770	8.5	64.8	13	50.3
20780	8.0	64.3	13	44.4
20790	8.0	63.9	14	39.1
20800	7.2	63.6	14	30.8
20810	6.5	63.3	14	30.3
20820	6.4	63.0	14	29.2
20830	6.5	62.7	15	23.9
20840	6.1	62.5	15	21.0
20850	5.6	62.3	15	16.7
20860	4.7	62.2	15	16.5
20870	3.5	62.0	15	14.6
20880	2.4	61.9	16	14.1
20890	0.9	61.8	16	10.1
20900	0.0	61.6	16	10.1
20910	0.0	61.6	16	9.3
20920	-0.1	61.5	16	7.7
20930	-0.8	61.4	16	6.1
20940	-8.3	61.4	16	5.5
20950	-7.6	61.3	16	0.5
20960	-1.6	61.3	16	-1.8
20970	-4.5	61.4	16	-2.3
20980	-8.1	61.4	16	-5.0
20990	-3.8	61.5	16	-8.5
21000	-5.3	61.6	16	-10.6

21010	-6.9	61.8	16	-13.0
21020	-4.3	61.9	16	-16.2
21030	-5.4	62.1	15	-18.6
21040	-6.2	62.4	15	-25.5
21050	-4.6	62.6	15	-26.3
21060	-5.0	62.9	15	-26.3
21070	-6.6	63.2	14	-35.1
21080	-5.6	63.6	14	-39.1
21090	-5.7	63.9	14	-42.5
21100	-6.9	64.3	13	-37.5
21110	-6.6	64.8	13	-40.7
21120	-6.1	65.3	12	-53.2
21130	-6.6	65.8	12	-51.6
21140	-7.3	66.3	11	-50.0
21150	-7.2	66.9	11	-53.2
21160	-7.9	67.5	10	-69.2
21170	-8.8	68.2	9	-73.7
21180	-8.7	68.9	9	-78.8
21190	-8.7	69.7	8	-84.1
21200	-10.0	70.5	7	-88.9
21210	-9.5	71.3	6	-94.5
21220	-8.4	72.2	5	-100.3
21230	-8.9	73.1	4	-104.8
21240	-9.5	74.1	3	-100.3
21250	-8.3	75.2	2	-105.4
21260	-9.1	76.3	1	-109.6
21270	-9.5	77.4	0	-114.7
21280	-9.1	78.6	-1	-119.5
21290	-9.2	79.8	-2	-124.5
21300	-9.2	81.1	-4	-129.3
21310	-8.8	82.4	-5	-133.9
21320	-8.5	83.8	-6	-138.4
21330	-8.7	85.2	-8	-142.9
21340	-8.8	86.7	-9	-147.2
21350	-8.0	88.2	-11	-152.0
21360	-8.4	89.7	-12	-155.7
21370	-7.3	91.3	-14	-160.2
21380	-7.9	93.0	-16	-163.9
21390	-8.1	94.6	-17	-167.9
21400	-7.9	96.3	-19	-171.9
21410	-8.1	98.1	-21	-175.9
21420	-6.6	99.9	-22	-179.4
21430	-7.2	101.7	-24	-182.8
21440	-6.9	103.5	-26	-186.3
21450	-7.5	105.4	-28	-189.2
21460	-16.8	107.2	-30	-159.7
21470	-30.2	108.7	-31	-151.2
21480	-25.9	110.1	-33	-115.0
21490	-14.4	111.2	-34	-107.2
21500	-19.4	112.1	-35	-90.5
21510	-20.3	113.0	-36	-68.9
21520	-14.5	113.6	-36	-64.6
21530	-11.4	114.2	-37	-48.4
21540	-13.2	114.7	-37	-45.7

21550	-10.4	115.1	-38	-42.3
21560	-7.5	115.4	-38	-32.4
21570	-6.8	115.7	-38	-29.8
21580	-6.1	115.9	-38	-22.8
21590	-4.7	116.1	-39	-19.4
21600	-3.8	116.3	-39	-16.2
21610	-4.3	116.5	-39	-12.5
21620	-4.2	116.6	-39	-12.7
21630	-3.0	116.7	-39	-9.8
21640	-2.4	116.8	-39	-7.4
21650	-1.5	116.8	-39	-7.1
21660	0.0	116.9	-39	-5.8
21670	0.0	117.0	-40	-4.2
21680	0.1	117.0	-40	-4.2
21690	0.5	117.0	-40	-3.7
21700	0.8	117.1	-40	-3.1
21710	2.3	117.1	-40	-2.3
21720	6.5	117.1	-40	-0.2
21730	1.6	117.1	-40	1.8
21740	0.0	117.1	-40	1.8
21750	4.5	117.0	-40	2.6
21760	3.0	117.0	-40	4.5
21770	1.9	116.9	-39	6.1
21780	3.9	116.9	-39	7.4
21790	3.4	116.8	-39	8.2
21800	2.4	116.7	-39	9.8
21810	3.7	116.6	-39	11.4
21820	3.5	116.4	-39	13.0
21830	3.1	116.3	-39	14.6
21840	4.1	116.1	-39	16.5
21850	3.7	115.9	-38	18.1
21860	3.5	115.7	-38	24.4
21870	4.1	115.4	-38	24.2
21880	4.2	115.2	-38	23.6
21890	3.9	114.9	-37	31.6
21900	4.1	114.6	-37	33.8
21910	4.3	114.2	-37	36.2
21920	4.2	113.9	-36	38.8
21930	4.3	113.5	-36	40.9
21940	4.2	113.2	-36	39.6
21950	4.1	112.7	-35	41.7
21960	4.7	112.3	-35	39.9
21970	4.6	111.8	-34	51.1
21980	4.3	111.4	-34	48.7
21990	4.6	110.9	-33	46.0
22000	4.3	110.3	-33	48.1
22010	4.6	109.8	-32	61.2
22020	4.7	109.2	-32	63.8
22030	4.6	108.6	-31	66.5
22040	4.5	108.0	-31	69.2
22050	4.9	107.3	-30	71.6
22060	4.6	106.6	-29	74.2
22070	4.6	105.9	-28	76.9
22080	4.9	105.2	-28	79.6

22090	4.6	104.5	-27	74.8
22100	4.2	103.7	-26	77.2
22110	4.5	102.9	-25	79.3
22120	4.6	102.1	-25	81.7
22130	4.9	101.3	-24	84.1
22140	4.7	100.4	-23	86.7
22150	4.3	99.5	-22	89.1
22160	4.9	98.6	-21	91.3
22170	4.7	97.7	-20	93.9
22180	4.6	96.7	-19	96.1
22190	4.3	95.8	-18	98.5
22200	4.2	94.8	-17	100.6
22210	4.5	93.7	-16	102.7
22220	4.5	92.7	-15	105.1
22230	4.6	91.6	-14	107.0
22240	4.5	90.5	-13	109.4
22250	4.6	89.4	-12	111.5
22260	4.7	88.3	-11	113.6
22270	4.2	87.1	-10	116.0
22280	4.3	86.0	-9	117.9
22290	4.7	84.8	-7	120.3
22300	4.2	83.6	-6	122.1
22310	4.3	82.3	-5	124.3
22320	4.5	81.1	-4	126.4
22330	4.9	79.8	-2	128.5
22340	4.7	78.5	-1	130.9
22350	4.1	77.2	0	133.1
22360	4.6	75.8	2	134.9
22370	5.0	74.4	3	137.3
22380	3.9	73.1	4	139.2
22390	7.5	71.7	6	149.0
22400	17.9	70.5	7	121.1
22410	14.4	69.3	8	117.9
22420	10.4	68.4	9	85.1
22430	13.3	67.5	10	84.3
22440	11.9	66.7	11	82.2
22450	11.1	66.1	11	66.0
22460	11.1	65.5	12	58.3
22470	8.3	64.9	13	51.6
22480	6.8	64.5	13	45.5
22490	7.1	64.1	13	40.7
22500	6.5	63.7	14	39.4
22510	5.6	63.4	14	31.4
22520	5.3	63.1	14	27.9
22530	5.3	62.8	15	22.3
22540	4.6	62.6	15	22.0
22550	4.2	62.4	15	21.5
22560	3.5	62.2	15	17.3
22570	2.3	62.1	15	15.4
22580	1.5	61.9	16	14.6
22590	0.4	61.8	16	11.7
22600	0.0	61.7	16	10.6
22610	0.0	61.6	16	8.2
22620	0.0	61.5	16	8.7

22630	-0.3	61.4	16	7.1
22640	-1.4	61.4	16	6.9
22650	-8.4	61.3	16	4.7
22660	-2.6	61.3	16	0.7
22670	-0.7	61.3	16	0.0
22680	-6.8	61.3	16	-0.7
22690	-5.0	61.3	16	-4.2
22700	-3.1	61.4	16	-5.8
22710	-6.0	61.5	16	-9.0
22720	-4.9	61.6	16	-12.2
22730	-3.4	61.7	16	-15.1
22740	-5.2	61.8	16	-17.0
22750	-5.0	62.0	15	-20.2
22760	-3.7	62.2	15	-22.8
22770	-4.9	62.4	15	-23.1
22780	-5.8	62.7	15	-22.8
22790	-4.7	63.0	14	-31.6
22800	-5.3	63.3	14	-34.6
22810	-5.8	63.6	14	-34.3
22820	-5.4	64.0	13	-33.5
22830	-5.4	64.4	13	-36.2
22840	-5.7	64.8	13	-38.8
22850	-5.3	65.3	12	-50.5
22860	-4.7	65.7	12	-52.9
22870	-5.7	66.2	11	-55.9
22880	-5.7	66.8	11	-59.9
22890	-5.0	67.4	10	-63.0
22900	-5.7	67.9	10	-59.6
22910	-5.7	68.5	9	-56.4
22920	-4.7	69.2	8	-59.3
22930	-5.2	69.9	8	-61.2
22940	-5.6	70.6	7	-63.3
22950	-4.7	71.3	6	-66.2
22960	-4.9	72.0	5	-68.1
22970	-6.2	72.8	5	-70.2
22980	-6.4	73.7	4	-81.1
22990	-6.2	74.5	3	-84.6
23000	-7.1	75.4	2	-87.8
23010	-7.9	76.3	1	-91.5
23020	-7.2	77.2	0	-96.1
23030	-7.9	78.2	-1	-99.8
23040	-8.4	79.2	-2	-103.8
23050	-7.9	80.3	-3	-108.6
23060	-7.7	81.4	-4	-112.3
23070	-8.3	82.6	-5	-116.6
23080	-8.4	83.8	-6	-120.8
23090	-8.3	85.0	-8	-125.6
23100	-8.9	86.3	-9	-129.9
23110	-9.4	87.6	-10	-134.7
23120	-8.9	89.0	-12	-139.5
23130	-8.5	90.5	-13	-144.2
23140	-8.8	91.9	-14	-148.2
23150	-7.6	93.4	-16	-153.0
23160	-8.3	95.0	-18	-156.8

23170	-7.7	96.6	-19	-161.0
23180	-7.6	98.2	-21	-164.7
23190	-6.5	99.9	-22	-168.7
23200	-7.5	101.6	-24	-171.9
23210	-7.7	103.4	-26	-175.4
23220	-7.5	105.2	-28	-178.9
23230	-12.6	106.8	-29	-155.2
23240	-28.3	108.4	-31	-148.2
23250	-25.6	109.7	-32	-113.4
23260	-14.0	110.8	-33	-107.0
23270	-17.8	111.8	-34	-81.7
23280	-20.3	112.6	-35	-78.0
23290	-15.9	113.3	-36	-72.6
23300	-13.2	113.9	-36	-56.4
23310	-14.8	114.4	-37	-48.1
23320	-12.9	114.8	-37	-36.7
23330	-11.0	115.2	-38	-38.0
23340	-10.6	115.5	-38	-29.5
23350	-10.7	115.7	-38	-27.9
23360	-10.2	116.0	-39	-21.8
23370	-10.2	116.2	-39	-19.9
23380	-10.6	116.3	-39	-15.7
23390	-10.0	116.5	-39	-13.5
23400	-9.1	116.6	-39	-12.2
23410	-8.0	116.7	-39	-9.8
23420	-7.2	116.8	-39	-7.4
23430	-6.0	116.8	-39	-7.7
23440	-5.3	116.9	-39	-5.8
23450	-4.9	116.9	-39	-4.5
23460	-3.9	117.0	-40	-4.5
23470	-3.0	117.0	-40	-3.4
23480	-2.6	117.1	-40	-2.9
23490	-2.0	117.1	-40	-2.3
23500	-1.4	117.1	-40	-1.8
23510	-0.9	117.1	-40	-1.5
23520	0.0	117.1	-40	-1.3
23530	0.0	117.1	-40	-1.0
23540	0.5	117.2	-40	-1.0
23550	0.7	117.2	-40	-0.5
23560	0.8	117.2	-40	0.0
23570	0.9	117.2	-40	0.0
23580	3.7	117.2	-40	0.2
23590	6.6	117.2	-40	2.3
23600	1.1	117.1	-40	4.7
23610	0.5	117.0	-40	5.0
23620	5.2	117.0	-40	5.8
23630	2.6	116.9	-39	7.7
23640	1.9	116.8	-39	9.0
23650	4.1	116.7	-39	9.8
23660	3.3	116.6	-39	11.4
23670	2.0	116.4	-39	14.9
23680	4.1	116.3	-39	14.6
23690	3.5	116.1	-39	16.2
23700	2.8	115.9	-38	22.0

23710	4.2	115.7	-38	23.9
23720	3.9	115.5	-38	23.9
23730	3.7	115.2	-38	23.4
23740	4.1	114.9	-37	27.9
23750	3.9	114.6	-37	33.2
23760	3.9	114.3	-37	32.4
23770	4.1	114.0	-37	30.8
23780	4.1	113.6	-36	32.7
23790	3.9	113.2	-36	42.5
23800	3.9	112.8	-35	40.9
23810	4.2	112.4	-35	38.8
23820	4.2	111.9	-34	49.7
23830	4.2	111.5	-34	47.3
23840	4.3	111.0	-34	44.4
23850	4.2	110.5	-33	56.9
23860	3.9	110.0	-33	54.0
23870	4.3	109.4	-32	50.3
23880	4.5	108.8	-31	63.8
23890	4.3	108.2	-31	65.2
23900	4.3	107.6	-30	68.6
23910	4.3	106.9	-29	71.3
23920	4.3	106.3	-29	73.7
23930	4.6	105.6	-28	75.8
23940	4.2	104.9	-27	71.3
23950	3.9	104.1	-27	73.7
23960	4.5	103.4	-26	75.6
23970	4.3	102.6	-25	78.0
23980	3.9	101.8	-24	80.3
23990	4.5	101.0	-24	82.2
24000	4.1	100.2	-23	84.3
24010	4.3	99.3	-22	86.7
24020	4.9	98.4	-21	88.9
24030	4.5	97.5	-20	91.3
24040	4.7	96.6	-19	93.7
24050	4.2	95.6	-18	95.8
24060	4.2	94.6	-17	98.2
24070	4.9	93.7	-16	100.3
24080	4.6	92.6	-15	102.7
24090	4.9	91.6	-14	104.8
24100	4.7	90.5	-13	107.2
24110	4.9	89.4	-12	109.4
24120	5.3	88.3	-11	112.0
24130	4.9	87.2	-10	114.7
24140	4.5	86.0	-9	116.8
24150	4.7	84.8	-7	119.2
24160	4.6	83.6	-6	121.1
24170	5.0	82.4	-5	123.5
24180	4.7	81.1	-4	125.9
24190	5.0	79.9	-2	128.3
24200	5.2	78.6	-1	130.7
24210	4.3	77.2	0	133.1
24220	4.9	75.9	2	135.2
24230	5.8	74.5	3	137.6
24240	4.3	73.1	4	140.2

24250	8.0	71.7	6	150.9
24260	19.3	70.5	7	122.7
24270	15.5	69.4	8	119.2
24280	11.3	68.4	9	95.5
24290	13.7	67.5	10	84.9
24300	12.9	66.8	11	67.6
24310	12.2	66.1	11	66.2
24320	12.2	65.5	12	58.8
24330	9.6	64.9	13	51.6
24340	8.4	64.4	13	45.7
24350	8.4	64.0	13	40.7
24360	7.7	63.7	14	35.9
24370	6.9	63.3	14	28.4
24380	7.3	63.1	14	27.9
24390	7.9	62.8	15	27.4
24400	7.7	62.6	15	22.0
24410	7.6	62.4	15	21.5
24420	7.1	62.2	15	17.5
24430	6.1	62.0	15	15.4
24440	5.6	61.9	16	12.2
24450	4.3	61.8	16	11.9
24460	3.4	61.7	16	9.5
24470	3.0	61.6	16	9.3
24480	2.4	61.5	16	7.1
24490	1.6	61.4	16	6.9
24500	0.9	61.3	16	6.1
24510	0.7	61.3	16	5.0
24520	0.0	61.2	16	5.0
24530	0.0	61.2	16	4.2
24540	0.0	61.1	16	3.9
24550	-0.5	61.1	16	3.4
24560	-0.8	61.1	16	3.1
24570	-5.2	61.1	16	2.1
24580	-7.2	61.1	16	-1.5
24590	-1.8	61.1	16	-4.2
24600	-2.8	61.1	16	-4.5
24610	-7.6	61.2	16	-6.3
24620	-4.5	61.3	16	-9.3
24630	-4.5	61.4	16	-11.9
24640	-7.2	61.6	16	-14.3
24650	-5.3	61.8	16	-17.3
24660	-4.9	62.0	15	-19.9
24670	-7.1	62.2	15	-27.1
24680	-6.1	62.5	15	-28.2
24690	-5.3	62.8	15	-28.4
24700	-7.1	63.2	14	-38.0
24710	-6.9	63.5	14	-38.3
24720	-6.1	63.9	14	-37.8
24730	-7.3	64.4	13	-40.7
24740	-7.6	64.9	13	-54.0
24750	-6.6	65.4	12	-52.7
24760	-7.1	65.9	12	-56.7
24770	-8.1	66.5	11	-54.5
24780	-7.3	67.2	10	-71.0

24790	-7.9	67.9	10	-75.0
24800	-8.5	68.6	9	-79.8
24810	-7.9	69.3	8	-84.9
24820	-8.1	70.1	7	-89.4
24830	-9.2	71.0	6	-93.9
24840	-8.4	71.9	6	-99.5
24850	-8.4	72.8	5	-104.3
24860	-9.4	73.8	4	-99.3
24870	-8.8	74.8	3	-104.6
24880	-8.7	75.9	2	-109.1
24890	-9.5	77.0	0	-113.9
24900	-9.5	78.2	-1	-118.7
24910	-8.9	79.4	-2	-123.7
24920	-9.1	80.7	-3	-128.5
24930	-9.1	82.0	-5	-133.3
24940	-8.8	83.4	-6	-138.1
24950	-9.2	84.8	-7	-142.4
24960	-8.8	86.3	-9	-147.2
24970	-9.2	87.8	-10	-151.7
24980	-9.8	89.3	-12	-156.5
24990	-8.5	90.9	-13	-161.3
25000	-9.2	92.6	-15	-165.8
25010	-8.8	94.3	-17	-170.1
25020	-9.8	96.0	-19	-174.9
25030	-9.4	97.8	-20	-179.1
25040	-7.5	99.6	-22	-183.9
25050	-8.7	101.5	-24	-188.2
25060	-8.7	103.4	-26	-191.6
25070	-9.1	105.3	-28	-195.9
25080	-17.5	107.2	-30	-187.1
25090	-34.6	108.8	-31	-143.2
25100	-30.4	110.3	-33	-144.8
25110	-17.4	111.3	-34	-109.6
25120	-22.5	112.3	-35	-91.8
25130	-24.1	113.1	-36	-77.4
25140	-18.8	113.8	-36	-58.0
25150	-15.6	114.4	-37	-53.7
25160	-17.1	114.8	-37	-40.1
25170	-14.5	115.2	-38	-37.8
25180	-11.3	115.6	-38	-28.2
25190	-10.8	115.8	-38	-28.7
25200	-10.0	116.1	-39	-22.0
25210	-8.5	116.3	-39	-20.2
25220	-7.9	116.4	-39	-15.4
25230	-8.4	116.5	-39	-11.4
25240	-7.6	116.7	-39	-11.7
25250	-6.0	116.8	-39	-9.8
25260	-5.2	116.8	-39	-7.4
25270	-4.2	116.9	-39	-5.3
25280	-2.4	117.0	-40	-4.7
25290	-1.2	117.0	-40	-4.2
25300	-0.7	117.0	-40	-3.1
25310	-0.3	117.1	-40	-2.6
25320	0.0	117.1	-40	-2.1

25330	0.0	117.1	-40	-1.8
25340	0.0	117.1	-40	-1.5
25350	0.3	117.1	-40	-1.5
25360	0.4	117.2	-40	-1.3
25370	0.5	117.2	-40	-0.7
25380	0.7	117.2	-40	-0.5
25390	0.9	117.2	-40	0.0
25400	4.7	117.2	-40	0.2
25410	5.8	117.2	-40	2.3
25420	1.4	117.1	-40	4.7
25430	1.1	117.0	-40	5.3
25440	4.7	117.0	-40	6.1
25450	2.0	116.9	-39	9.3
25460	1.9	116.8	-39	10.3
25470	4.3	116.7	-39	12.5
25480	3.0	116.6	-39	13.5
25490	2.6	116.4	-39	13.5
25500	4.9	116.2	-39	15.1
25510	4.1	116.1	-39	17.3
25520	3.5	115.8	-38	23.6
25530	4.6	115.6	-38	25.5
25540	4.7	115.4	-38	28.7
25550	4.5	115.1	-38	28.7
25560	4.6	114.8	-37	27.6
25570	4.6	114.4	-37	36.7
25580	4.7	114.1	-37	39.4
25590	4.9	113.7	-36	42.3
25600	4.7	113.3	-36	40.9
25610	4.5	112.9	-35	39.1
25620	4.5	112.4	-35	50.5
25630	5.0	112.0	-35	48.4
25640	5.2	111.5	-34	45.7
25650	5.2	110.9	-33	48.1
25660	4.6	110.4	-33	56.1
25670	4.9	109.8	-32	64.4
25680	5.2	109.2	-32	67.3
25690	5.2	108.6	-31	63.6
25700	5.2	107.9	-30	59.6
25710	5.3	107.2	-30	62.0
25720	5.3	106.5	-29	64.4
25730	5.2	105.8	-28	67.0
25740	5.0	105.0	-28	76.9
25750	4.7	104.2	-27	79.6
25760	5.4	103.4	-26	82.2
25770	5.0	102.5	-25	85.1
25780	4.5	101.7	-24	87.5
25790	5.3	100.8	-23	90.2
25800	4.9	99.8	-22	92.6
25810	4.6	98.9	-21	95.3
25820	5.2	97.9	-20	97.7
25830	5.4	96.9	-19	100.0
25840	4.6	95.9	-18	103.0
25850	5.0	94.9	-17	105.1
25860	5.2	93.8	-16	107.8

25870	5.3	92.7	-15	110.2
25880	5.2	91.6	-14	112.8
25890	5.2	90.4	-13	115.2
25900	5.4	89.2	-12	117.9
25910	5.7	88.1	-11	120.5
25920	5.0	86.8	-9	123.2
25930	5.2	85.6	-8	125.9
25940	5.3	84.3	-7	128.5
25950	5.4	83.0	-6	130.7
25960	5.3	81.7	-4	133.6
25970	6.2	80.3	-3	135.7
25980	6.0	78.9	-1	138.9
25990	5.0	77.5	0	141.8
26000	5.3	76.1	1	144.0
26010	6.6	74.6	3	146.9
26020	5.3	73.1	4	149.6
26030	8.7	71.6	6	161.0
26040	21.2	70.4	7	129.9
26050	17.9	69.2	8	102.4
26060	12.7	68.2	9	99.5
26070	15.9	67.3	10	87.5
26080	14.8	66.5	11	69.2
26090	13.8	65.8	12	67.3
26100	14.1	65.2	12	59.1
26110	11.0	64.6	13	51.9
26120	8.8	64.2	13	40.7
26130	9.5	63.7	14	39.6
26140	8.9	63.4	14	34.6
26150	7.9	63.1	14	27.1
26160	8.1	62.8	15	26.6
26170	8.5	62.5	15	25.8
26180	8.7	62.3	15	20.7
26190	8.5	62.1	15	19.7
26200	7.7	62.0	15	16.2
26210	6.9	61.8	16	13.8
26220	6.0	61.7	16	10.9
26230	4.9	61.6	16	10.6
26240	4.1	61.5	16	9.8
26250	2.8	61.4	16	7.9
26260	2.3	61.4	16	6.9
26270	1.9	61.3	16	5.5
26280	1.4	61.2	16	6.1
26290	0.9	61.2	16	4.5
26300	0.3	61.1	16	3.4
26310	0.0	61.1	16	3.4
26320	-0.4	61.1	16	3.4
26330	-0.7	61.1	16	2.9
26340	-1.1	61.0	16	2.6
26350	-7.6	61.0	16	1.0
26360	-6.1	61.0	16	-1.8
26370	0.0	61.1	16	-4.5
26380	-3.8	61.1	16	-4.2
26390	-6.5	61.2	16	-6.3
26400	-2.2	61.3	16	-9.3

26410	-4.3	61.4	16	-10.3
26420	-6.8	61.5	16	-12.7
26430	-3.5	61.7	16	-17.3
26440	-5.2	61.9	16	-21.5
26450	-7.3	62.1	15	-22.0
26460	-5.2	62.3	15	-23.1
26470	-5.7	62.6	15	-31.4
26480	-8.1	62.9	15	-31.6
26490	-6.9	63.3	14	-32.4
26500	-6.4	63.7	14	-35.9
26510	-8.5	64.1	13	-47.6
26520	-8.3	64.6	13	-47.6
26530	-7.3	65.1	12	-46.5
26540	-8.3	65.6	12	-61.7
26550	-8.9	66.2	11	-60.1
26560	-8.5	66.8	11	-58.5
26570	-8.9	67.5	10	-62.2
26580	-9.8	68.3	9	-81.4
26590	-9.2	69.0	8	-79.3
26600	-9.5	69.9	8	-75.6
26610	-10.6	70.7	7	-79.8
26620	-10.0	71.7	6	-85.1
26630	-9.2	72.6	5	-89.4
26640	-10.3	73.7	4	-104.0
26650	-9.8	74.8	3	-110.2
26660	-9.5	75.9	2	-115.0
26670	-10.6	77.1	0	-120.3
26680	-10.8	78.4	-1	-125.9
26690	-10.2	79.7	-2	-132.0
26700	-10.3	81.0	-4	-137.3
26710	-10.7	82.5	-5	-142.9
26720	-10.4	83.9	-6	-148.5
26730	-10.3	85.5	-8	-154.1
26740	-11.7	87.0	-10	-159.4
26750	-10.6	88.7	-11	-165.3
26760	-10.6	90.4	-13	-170.9
26770	-10.4	92.1	-15	-176.5
26780	-10.2	93.9	-16	-181.5
26790	-11.4	95.8	-18	-186.8
26800	-10.7	97.7	-20	-192.4
26810	-9.2	99.7	-22	-197.8
26820	-9.9	101.7	-24	-202.8
26830	-9.5	103.7	-26	-207.3
26840	-10.4	105.7	-28	-190.8
26850	-27.7	107.7	-30	-171.7
26860	-38.4	109.4	-32	-159.7
26870	-28.7	110.9	-33	-144.5
26880	-19.5	111.9	-34	-107.5
26890	-24.5	112.9	-35	-89.1
26900	-23.7	113.7	-36	-74.0
26910	-18.2	114.3	-37	-54.3
26920	-16.5	114.8	-37	-49.7
26930	-17.0	115.2	-38	-37.0
26940	-13.8	115.6	-38	-33.8

26950	-11.3	115.9	-38	-27.9
26960	-11.4	116.1	-39	-25.0
26970	-9.6	116.3	-39	-18.9
26980	-8.0	116.5	-39	-17.0
26990	-8.1	116.6	-39	-12.7
27000	-8.4	116.7	-39	-9.5
27010	-7.1	116.8	-39	-9.5
27020	-5.8	116.9	-39	-7.1
27030	-5.0	117.0	-40	-5.3
27040	-3.5	117.0	-40	-5.3
27050	-2.0	117.1	-40	-4.2
27060	-1.4	117.1	-40	-3.1
27070	-0.5	117.1	-40	-2.6
27080	0.0	117.1	-40	-2.3
27090	0.0	117.2	-40	-1.8
27100	0.3	117.2	-40	-1.3
27110	0.4	117.2	-40	-1.0
27120	0.5	117.2	-40	-0.7
27130	0.5	117.2	-40	-0.5
27140	0.7	117.2	-40	0.0
27150	1.6	117.2	-40	0.2
27160	6.9	117.2	-40	0.7
27170	2.7	117.2	-40	4.5
27180	1.2	117.1	-40	5.8
27190	4.1	117.1	-40	6.9
27200	3.5	117.0	-40	9.0
27210	1.9	116.9	-39	11.4
27220	4.1	116.8	-39	12.5
27230	3.8	116.6	-39	14.6
27240	2.7	116.5	-39	15.4
27250	3.9	116.3	-39	15.1
27260	4.6	116.1	-39	17.0
27270	3.8	115.9	-38	23.6
27280	4.2	115.7	-38	26.0
27290	4.6	115.4	-38	27.9
27300	4.2	115.2	-38	30.8
27310	4.3	114.9	-37	33.8
27320	4.7	114.5	-37	36.4
27330	4.6	114.2	-37	39.1
27340	4.6	113.8	-36	41.7
27350	4.9	113.4	-36	44.4
27360	5.0	113.0	-36	42.8
27370	5.0	112.6	-35	40.9
27380	4.9	112.1	-35	52.9
27390	4.7	111.6	-34	55.6
27400	4.9	111.0	-34	57.7
27410	4.9	110.5	-33	61.2
27420	4.3	109.9	-32	58.3
27430	4.6	109.3	-32	54.3
27440	4.7	108.7	-31	56.4
27450	4.6	108.0	-31	71.6
27460	4.7	107.4	-30	74.2
27470	4.7	106.7	-29	76.9
27480	5.0	106.0	-29	79.3

27490	4.9	105.2	-28	82.2
27500	4.5	104.4	-27	77.2
27510	4.5	103.7	-26	79.6
27520	4.9	102.8	-25	81.9
27530	4.6	102.0	-25	84.3
27540	4.9	101.1	-24	86.7
27550	4.6	100.3	-23	89.4
27560	4.6	99.3	-22	91.5
27570	5.0	98.4	-21	94.2
27580	5.2	97.5	-20	96.6
27590	4.7	96.5	-19	99.0
27600	4.3	95.5	-18	101.6
27610	5.0	94.4	-17	103.8
27620	5.0	93.4	-16	106.2
27630	4.5	92.3	-15	108.6
27640	4.7	91.2	-14	111.0
27650	4.6	90.1	-13	113.4
27660	5.3	88.9	-11	115.5
27670	5.3	87.7	-10	118.2
27680	4.9	86.5	-9	120.8
27690	5.4	85.3	-8	123.2
27700	5.3	84.0	-7	125.9
27710	5.3	82.8	-5	128.8
27720	5.0	81.5	-4	131.2
27730	5.6	80.1	-3	133.9
27740	5.6	78.8	-1	136.5
27750	4.3	77.4	0	138.9
27760	4.7	76.0	1	141.0
27770	5.4	74.6	3	143.4
27780	4.7	73.1	4	145.6
27790	8.7	71.7	6	156.5
27800	20.3	70.4	7	126.4
27810	16.4	69.2	8	122.4
27820	11.8	68.3	9	97.4
27830	15.5	67.4	10	86.5
27840	14.0	66.6	11	76.1
27850	11.9	65.9	12	59.6
27860	12.7	65.3	12	58.8
27870	10.8	64.8	13	51.9
27880	8.4	64.3	13	45.5
27890	8.8	63.9	14	35.9
27900	8.7	63.5	14	35.4
27910	7.6	63.2	14	30.8
27920	7.7	62.9	15	24.2
27930	8.7	62.7	15	23.9
27940	8.3	62.4	15	18.9
27950	8.1	62.3	15	18.9
27960	8.0	62.1	15	14.9
27970	6.9	61.9	16	14.6
27980	6.0	61.8	16	13.8
27990	5.3	61.7	16	11.1
28000	4.3	61.6	16	9.8
28010	3.9	61.5	16	7.4
28020	3.3	61.4	16	7.4

28030	3.0	61.3	16	7.1
28040	3.0	61.3	16	5.8
28050	2.7	61.2	16	4.7
28060	2.6	61.2	16	4.7
28070	2.0	61.2	16	3.7
28080	1.2	61.1	16	3.1
28090	0.7	61.1	16	2.9
28100	0.1	61.1	16	2.9
28110	0.0	61.0	16	2.3
28120	-0.1	61.0	16	1.8
28130	-0.5	61.0	16	1.5
28140	-0.8	61.0	16	1.3
28150	-0.8	61.0	16	0.7
28160	-2.8	61.0	16	0.2
28170	-5.8	61.0	16	-1.0
28180	-0.5	61.0	16	-3.9
28190	-1.4	61.0	16	-3.7
28200	-5.8	61.1	16	-4.5
28210	-2.6	61.2	16	-6.6
28220	-2.2	61.2	16	-8.2
28230	-5.4	61.3	16	-9.0
28240	-3.5	61.5	16	-11.7
28250	-1.8	61.6	16	-13.3
28260	-5.3	61.8	16	-17.5
28270	-4.6	61.9	16	-18.6
28280	-2.8	62.1	15	-18.6
28290	-5.6	62.4	15	-24.7
28300	-6.0	62.6	15	-25.0
28310	-4.2	62.9	15	-25.5
28320	-5.6	63.2	14	-28.2
28330	-6.4	63.5	14	-37.2
28340	-4.7	63.9	14	-40.4
28350	-5.3	64.3	13	-43.6
28360	-6.2	64.7	13	-42.5
28370	-5.2	65.1	12	-40.9
28380	-5.0	65.6	12	-53.2
28390	-6.4	66.1	11	-51.1
28400	-6.5	66.7	11	-48.9
28410	-5.4	67.2	10	-57.7
28420	-6.9	67.9	10	-66.8
28430	-6.6	68.5	9	-70.5
28440	-5.6	69.2	8	-74.5
28450	-6.1	69.9	8	-77.4
28460	-6.6	70.6	7	-80.9
28470	-5.6	71.3	6	-84.6
28480	-5.7	72.1	5	-88.1
28490	-6.6	73.0	4	-90.7
28500	-5.8	73.8	4	-85.9
28510	-5.3	74.7	3	-89.4
28520	-6.4	75.6	2	-92.1
28530	-6.6	76.6	1	-95.5
28540	-5.6	77.5	0	-99.3
28550	-6.2	78.6	-1	-101.6
28560	-6.5	79.6	-2	-105.4

28570	-5.3	80.7	-3	-108.3
28580	-5.2	81.8	-4	-111.0
28590	-5.8	82.9	-5	-113.9
28600	-5.3	84.1	-7	-116.6
28610	-4.7	85.3	-8	-119.2
28620	-5.8	86.5	-9	-121.3
28630	-5.7	87.7	-10	-124.3
28640	-5.2	89.0	-12	-126.9
28650	-5.2	90.3	-13	-129.3
28660	-5.3	91.6	-14	-131.7
28670	-4.6	92.9	-15	-134.1
28680	-4.6	94.3	-17	-136.3
28690	-5.6	95.6	-18	-138.1
28700	-4.7	97.0	-20	-140.8
28710	-3.7	98.5	-21	-142.9
28720	-4.3	99.9	-22	-144.5
28730	-4.7	101.4	-24	-146.6
28740	-4.3	102.8	-25	-148.2
28750	-3.9	104.3	-27	-150.4
28760	-5.6	105.9	-28	-151.7
28770	-16.8	107.2	-30	-137.6
28780	-19.9	108.5	-31	-108.6
28790	-13.4	109.6	-32	-105.9
28800	-12.3	110.5	-33	-82.7
28810	-15.3	111.3	-34	-81.1
28820	-13.7	112.1	-35	-78.2
28830	-10.8	112.7	-35	-62.0
28840	-10.8	113.3	-36	-48.7
28850	-11.0	113.8	-36	-47.6
28860	-9.1	114.2	-37	-37.5
28870	-7.9	114.6	-37	-39.9
28880	-8.5	114.9	-37	-31.9
28890	-8.0	115.2	-38	-30.8
28900	-6.9	115.5	-38	-24.2
28910	-6.9	115.7	-38	-21.5
28920	-6.9	115.9	-38	-16.7
28930	-5.8	116.1	-39	-18.3
28940	-5.0	116.2	-39	-14.3
28950	-4.3	116.3	-39	-13.8
28960	-3.4	116.4	-39	-11.1
28970	-2.3	116.5	-39	-8.5
28980	-0.9	116.6	-39	-9.3
28990	-0.3	116.7	-39	-7.1
29000	0.0	116.8	-39	-6.9
29010	0.0	116.8	-39	-6.3
29020	0.0	116.9	-39	-4.7
29030	0.0	116.9	-39	-3.7
29040	0.4	117.0	-40	-4.2
29050	0.8	117.0	-40	-3.7
29060	1.9	117.0	-40	-2.9
29070	7.6	117.0	-40	-1.0
29080	3.3	117.0	-40	1.3
29090	0.8	117.0	-40	2.6
29100	5.2	117.0	-40	3.1

29110	3.9	116.9	-39	6.1
29120	2.6	116.8	-39	9.5
29130	4.7	116.7	-39	10.9
29140	4.2	116.6	-39	13.8
29150	2.8	116.5	-39	14.6
29160	4.6	116.3	-39	14.6
29170	4.9	116.1	-39	17.0
29180	3.5	115.9	-38	23.4
29190	4.6	115.7	-38	23.4
29200	5.0	115.4	-38	23.1
29210	3.9	115.2	-38	31.4
29220	4.2	114.9	-37	33.5
29230	4.5	114.5	-37	35.9
29240	4.1	114.2	-37	35.1
29250	3.9	113.8	-36	33.5
29260	4.1	113.4	-36	35.6
29270	3.9	113.0	-36	37.5
29280	4.1	112.6	-35	47.6
29290	4.3	112.2	-35	45.2
29300	3.9	111.7	-34	42.8
29310	3.8	111.2	-34	54.5
29320	4.1	110.7	-33	51.3
29330	4.1	110.2	-33	48.1
29340	3.7	109.6	-32	50.0
29350	3.8	109.0	-32	51.9
29360	3.5	108.5	-31	53.2
29370	3.7	107.8	-30	54.8
29380	4.1	107.2	-30	56.7
29390	3.9	106.6	-29	58.5
29400	4.1	105.9	-28	60.4
29410	4.2	105.2	-28	68.9
29420	3.7	104.5	-27	71.0
29430	3.5	103.8	-26	72.9
29440	3.7	103.0	-26	74.8
29450	3.5	102.3	-25	76.6
29460	3.8	101.5	-24	78.5
29470	3.7	100.7	-23	80.3
29480	3.3	99.9	-22	81.9
29490	3.8	99.0	-22	83.8
29500	4.2	98.2	-21	85.4
29510	3.7	97.3	-20	87.3
29520	3.8	96.4	-19	89.4
29530	3.7	95.5	-18	91.5
29540	4.2	94.6	-17	93.1
29550	4.6	93.6	-16	95.3
29560	3.8	92.7	-15	97.4
29570	4.2	91.7	-14	99.3
29580	4.6	90.7	-13	101.4
29590	4.3	89.6	-12	103.5
29600	4.6	88.6	-11	105.4
29610	4.5	87.5	-10	107.8
29620	4.2	86.4	-9	109.9
29630	4.5	85.3	-8	112.0
29640	4.2	84.2	-7	114.2

29650	4.5	83.0	-6	116.0
29660	4.3	81.8	-4	118.2
29670	4.6	80.6	-3	120.0
29680	4.6	79.4	-2	122.4
29690	4.3	78.2	-1	124.5
29700	4.2	76.9	1	126.7
29710	4.7	75.6	2	128.3
29720	5.0	74.3	3	130.7
29730	3.8	73.0	4	132.8
29740	7.6	71.7	6	141.6
29750	17.1	70.6	7	115.5
29760	13.3	69.5	8	103.0
29770	9.6	68.6	9	81.9
29780	12.6	67.7	10	81.7
29790	10.6	66.9	11	72.6
29800	9.4	66.3	11	64.6
29810	10.3	65.7	12	57.5
29820	8.0	65.2	12	51.6
29830	6.4	64.7	13	45.5
29840	6.8	64.3	13	40.9
29850	6.6	63.9	14	39.9
29860	5.8	63.6	14	32.4
29870	5.7	63.3	14	28.7
29880	6.0	63.0	14	22.8
29890	5.7	62.8	15	22.8
29900	5.0	62.6	15	22.3
29910	4.5	62.4	15	18.3
29920	3.5	62.2	15	17.5
29930	2.6	62.1	15	14.3
29940	1.8	61.9	16	12.7
29950	1.2	61.8	16	10.1
29960	0.5	61.7	16	9.8
29970	0.3	61.6	16	7.9
29980	0.3	61.5	16	8.7
29990	0.0	61.5	16	6.9
30000	0.0	61.4	16	6.9
30010	0.0	61.4	16	5.5
30020	0.0	61.3	16	4.5
30030	-0.7	61.3	16	4.7
30040	-2.2	61.2	16	3.4
30050	-8.0	61.2	16	1.5
30060	-2.0	61.2	16	-1.5
30070	-1.8	61.2	16	-2.1
30080	-6.1	61.3	16	-3.7
30090	-3.3	61.3	16	-6.6
30100	-2.4	61.4	16	-8.7
30110	-5.2	61.5	16	-9.5
30120	-4.5	61.6	16	-10.9
30130	-2.8	61.7	16	-12.7
30140	-5.3	61.9	16	-17.8
30150	-5.8	62.1	15	-20.4
30160	-4.2	62.3	15	-21.5
30170	-6.0	62.5	15	-21.5
30180	-6.9	62.8	15	-30.0

30190	-5.3	63.1	14	-30.8
30200	-6.0	63.4	14	-34.0
30210	-7.3	63.8	14	-33.5
30220	-6.4	64.2	13	-45.2
30230	-6.1	64.6	13	-43.9
30240	-7.6	65.1	12	-42.5
30250	-7.1	65.6	12	-56.4
30260	-6.8	66.1	11	-55.1
30270	-8.5	66.7	11	-53.2
30280	-8.7	67.3	10	-69.4
30290	-8.4	68.0	9	-74.2
30300	-9.2	68.7	9	-79.0
30310	-8.9	69.5	8	-84.9
30320	-8.8	70.3	7	-89.7
30330	-9.2	71.1	6	-95.0
30340	-9.1	72.0	5	-100.3
30350	-8.7	73.0	4	-105.1
30360	-8.8	74.0	3	-100.0
30370	-8.8	75.0	2	-105.4
30380	-8.8	76.1	1	-109.6
30390	-9.1	77.2	0	-114.7
30400	-9.1	78.4	-1	-119.2
30410	-8.7	79.6	-2	-124.3
30420	-8.3	80.9	-3	-129.1
30430	-8.0	82.2	-5	-133.1
30440	-8.1	83.6	-6	-137.6
30450	-7.9	85.0	-8	-141.6
30460	-7.9	86.5	-9	-145.3
30470	-7.5	87.9	-10	-149.3
30480	-7.9	89.5	-12	-153.0
30490	-6.6	91.0	-14	-157.0
30500	-7.5	92.6	-15	-160.2
30510	-7.1	94.2	-17	-163.7
30520	-7.7	95.9	-18	-167.4
30530	-7.7	97.6	-20	-170.9
30540	-6.4	99.3	-22	-174.6
30550	-7.2	101.1	-24	-177.8
30560	-7.1	102.9	-25	-180.7
30570	-6.8	104.8	-27	-183.9
30580	-8.4	106.6	-29	-201.2
30590	-26.6	108.1	-31	-157.6
30600	-26.2	109.5	-32	-134.1
30610	-14.5	110.7	-33	-101.6
30620	-15.3	111.7	-34	-95.5
30630	-18.4	112.6	-35	-81.4
30640	-13.8	113.3	-36	-61.7
30650	-9.8	113.9	-36	-58.3
30660	-10.8	114.4	-37	-44.1
30670	-9.6	114.9	-37	-41.7
30680	-7.1	115.2	-38	-31.6
30690	-5.0	115.5	-38	-32.4
30700	-5.2	115.8	-38	-25.2
30710	-4.5	116.0	-39	-23.4
30720	-3.5	116.2	-39	-18.1

30730	-3.4	116.4	-39	-17.0
30740	-3.3	116.5	-39	-14.3
30750	-2.2	116.6	-39	-11.1
30760	-1.1	116.7	-39	-8.5
30770	-0.3	116.8	-39	-8.7
30780	0.1	116.9	-39	-6.6
30790	0.0	116.9	-39	-5.0
30800	0.5	117.0	-40	-4.7
30810	0.8	117.0	-40	-3.7
30820	2.2	117.1	-40	-3.4
30830	8.7	117.1	-40	-0.7
30840	1.9	117.1	-40	1.8
30850	-0.1	117.0	-40	2.1
30860	4.9	117.0	-40	2.1
30870	3.1	117.0	-40	5.3
30880	1.4	116.9	-39	7.4
30890	4.3	116.8	-39	8.5
30900	3.9	116.7	-39	10.3
30910	1.8	116.6	-39	11.4
30920	3.9	116.5	-39	14.1
30930	4.1	116.4	-39	16.2
30940	2.6	116.2	-39	17.0
30950	3.7	116.0	-39	16.7
30960	4.3	115.8	-38	18.3
30970	3.3	115.6	-38	20.7
30980	3.8	115.3	-38	27.1
30990	4.3	115.1	-38	29.5
31000	3.7	114.8	-37	29.0
31010	3.4	114.5	-37	27.6
31020	4.1	114.2	-37	29.8
31030	3.8	113.8	-36	31.4
31040	3.5	113.5	-36	33.2
31050	4.1	113.1	-36	35.4
31060	3.9	112.7	-35	36.7
31070	3.9	112.2	-35	47.1
31080	3.9	111.8	-34	44.7
31090	3.9	111.4	-34	41.7
31100	3.7	110.8	-33	53.5
31110	3.5	110.4	-33	55.3
31120	3.9	109.8	-32	57.7
31130	3.9	109.3	-32	59.9
31140	3.7	108.7	-31	61.7
31150	3.7	108.2	-31	63.8
31160	3.9	107.6	-30	66.0
31170	3.8	106.9	-29	68.1
31180	3.9	106.3	-29	70.2
31190	4.2	105.7	-28	72.4
31200	3.7	105.0	-28	67.8
31210	3.5	104.3	-27	69.7
31220	4.3	103.6	-26	71.6
31230	4.2	102.8	-25	74.0
31240	3.9	102.1	-25	75.8
31250	4.3	101.3	-24	78.0
31260	3.9	100.5	-23	80.1

31270	3.7	99.7	-22	81.9
31280	4.3	98.9	-21	84.1
31290	4.3	98.0	-21	86.5
31300	4.2	97.1	-20	88.6
31310	4.2	96.2	-19	90.7
31320	4.1	95.3	-18	92.6
31330	4.1	94.4	-17	94.7
31340	4.2	93.4	-16	96.9
31350	3.9	92.4	-15	98.7
31360	3.7	91.4	-14	100.6
31370	4.1	90.4	-13	102.4
31380	3.8	89.4	-12	104.3
31390	4.5	88.3	-11	106.2
31400	4.2	87.2	-10	108.6
31410	4.1	86.1	-9	110.2
31420	4.3	85.0	-8	112.3
31430	4.1	83.9	-6	114.2
31440	4.3	82.7	-5	116.3
31450	4.1	81.5	-4	118.2
31460	4.2	80.3	-3	120.0
31470	4.2	79.1	-2	121.9
31480	3.5	77.9	0	124.0
31490	3.4	76.6	1	125.6
31500	4.2	75.4	2	127.2
31510	3.8	74.1	3	129.1
31520	2.8	72.8	5	117.6
31530	8.9	71.6	6	124.0
31540	15.6	70.4	7	100.0
31550	11.0	69.4	8	99.8
31560	9.4	68.5	9	79.6
31570	11.8	67.7	10	79.3
31580	9.1	66.9	11	77.7
31590	9.2	66.3	11	63.3
31600	9.6	65.7	12	56.4
31610	7.1	65.2	12	50.5
31620	5.8	64.7	13	44.9
31630	6.2	64.3	13	40.4
31640	5.8	63.9	14	39.6
31650	5.2	63.6	14	28.7
31660	5.2	63.3	14	28.4
31670	4.9	63.0	14	27.9
31680	4.7	62.8	15	22.8
31690	4.3	62.6	15	20.2
31700	3.8	62.4	15	16.5
31710	3.0	62.2	15	16.2
31720	2.2	62.1	15	14.6
31730	1.6	61.9	16	14.3
31740	1.1	61.8	16	11.4
31750	0.5	61.7	16	11.4
31760	0.0	61.6	16	9.3
31770	0.0	61.6	16	8.2
31780	0.0	61.5	16	7.9
31790	0.0	61.4	16	6.3
31800	-0.4	61.4	16	5.0

31810	-1.2	61.3	16	5.8
31820	-7.5	61.3	16	4.2
31830	-3.5	61.2	16	0.0
31840	-1.4	61.2	16	-0.2
31850	-5.2	61.2	16	-1.0
31860	-3.9	61.3	16	-3.7
31870	-2.7	61.3	16	-5.3
31880	-5.0	61.4	16	-6.9
31890	-4.5	61.5	16	-9.3
31900	-3.0	61.6	16	-14.1
31910	-5.3	61.8	16	-14.3
31920	-5.4	61.9	16	-15.4
31930	-4.3	62.1	15	-17.8
31940	-6.2	62.3	15	-24.7
31950	-6.8	62.6	15	-25.5
31960	-5.8	62.9	15	-26.0
31970	-6.8	63.2	14	-35.6
31980	-7.3	63.5	14	-35.9
31990	-6.5	63.9	14	-39.9
32000	-6.9	64.3	13	-38.8
32010	-7.6	64.8	13	-51.6
32020	-7.1	65.3	12	-50.8
32030	-7.1	65.8	12	-49.2
32040	-8.4	66.4	11	-64.4
32050	-8.3	67.0	10	-62.8
32060	-8.0	67.7	10	-60.4
32070	-8.7	68.4	9	-78.2
32080	-8.5	69.2	8	-83.5
32090	-8.0	70.0	7	-88.1
32100	-8.9	70.8	7	-91.5
32110	-8.3	71.7	6	-97.9
32120	-7.3	72.6	5	-102.4
32130	-8.1	73.6	4	-97.1
32140	-8.7	74.6	3	-101.9
32150	-7.7	75.6	2	-106.2
32160	-8.7	76.7	1	-110.4
32170	-9.4	77.9	0	-115.5
32180	-8.3	79.1	-2	-120.0
32190	-8.5	80.3	-3	-124.5
32200	-8.5	81.6	-4	-128.5
32210	-7.9	82.9	-5	-133.3
32220	-7.9	84.3	-7	-137.1
32230	-7.9	85.7	-8	-141.6
32240	-8.7	87.1	-10	-145.3
32250	-8.0	88.6	-11	-149.8
32260	-8.3	90.1	-13	-153.8
32270	-8.1	91.7	-14	-157.8
32280	-7.9	93.3	-16	-162.1
32290	-8.8	94.9	-17	-165.8
32300	-7.7	96.6	-19	-170.1
32310	-8.1	98.4	-21	-174.1
32320	-6.9	100.1	-23	-177.5
32330	-7.2	101.9	-24	-181.2
32340	-7.2	103.8	-26	-185.0

32350	-7.6	105.6	-28	-169.3
32360	-20.5	107.4	-30	-154.9
32370	-29.7	108.9	-31	-147.7
32380	-23.2	110.3	-33	-137.1
32390	-14.8	111.3	-34	-104.8
32400	-19.5	112.2	-35	-88.9
32410	-18.8	113.0	-36	-67.6
32420	-12.7	113.7	-36	-63.6
32430	-10.7	114.2	-37	-48.1
32440	-12.3	114.7	-37	-45.5
32450	-9.6	115.1	-38	-34.3
32460	-6.1	115.5	-38	-35.1
32470	-5.6	115.7	-38	-27.1
32480	-5.3	116.0	-39	-25.2
32490	-4.3	116.2	-39	-19.4
32500	-3.4	116.4	-39	-18.1
32510	-3.4	116.5	-39	-13.8
32520	-3.0	116.6	-39	-10.6
32530	-2.0	116.7	-39	-10.9
32540	-1.1	116.8	-39	-8.5
32550	-0.3	116.9	-39	-6.1
32560	0.1	116.9	-39	-6.1
32570	0.0	117.0	-40	-5.0
32580	0.5	117.0	-40	-3.9
32590	0.8	117.1	-40	-3.1
32600	2.2	117.1	-40	-2.6
32610	7.7	117.1	-40	-0.5
32620	1.6	117.1	-40	1.3
32630	0.0	117.1	-40	1.8
32640	5.2	117.1	-40	2.6
32650	2.8	117.0	-40	3.9
32660	1.2	117.0	-40	5.3
32670	4.1	116.9	-39	6.6
32680	3.4	116.8	-39	8.2
32690	1.8	116.7	-39	9.8
32700	3.9	116.6	-39	10.9
32710	3.7	116.5	-39	12.7
32720	2.0	116.3	-39	17.3
32730	3.5	116.1	-39	18.9
32740	3.7	115.9	-38	21.0
32750	2.4	115.7	-38	20.4
32760	3.3	115.5	-38	20.2
32770	3.9	115.3	-38	21.8
32780	2.8	115.0	-38	26.0
32790	3.1	114.8	-37	30.3
32800	3.7	114.5	-37	31.6
32810	3.1	114.2	-37	34.3
32820	3.5	113.8	-36	36.2
32830	3.8	113.5	-36	38.0
32840	3.4	113.1	-36	36.4
32850	3.4	112.8	-35	34.6
32860	3.9	112.4	-35	36.7
32870	4.1	112.0	-35	38.0
32880	3.8	111.5	-34	39.9

32890	4.2	111.1	-34	41.7
32900	4.3	110.6	-33	53.2
32910	4.1	110.1	-33	55.9
32920	4.3	109.5	-32	58.3
32930	4.7	109.0	-32	60.4
32940	4.2	108.4	-31	63.0
32950	4.5	107.8	-30	65.4
32960	4.5	107.2	-30	68.1
32970	4.3	106.6	-29	70.8
32980	4.6	105.9	-28	73.2
32990	4.7	105.2	-28	75.6
33000	4.5	104.5	-27	71.3
33010	4.5	103.8	-26	73.4
33020	4.7	103.0	-26	75.8
33030	4.5	102.3	-25	78.5
33040	4.7	101.5	-24	80.6
33050	5.0	100.6	-23	83.0
33060	4.3	99.8	-22	85.4
33070	4.6	98.9	-21	87.8
33080	5.2	98.0	-21	90.2
33090	4.9	97.1	-20	92.9
33100	4.9	96.2	-19	95.5
33110	4.3	95.2	-18	97.9
33120	4.5	94.2	-17	100.0
33130	5.2	93.2	-16	102.2
33140	4.3	92.1	-15	104.8
33150	4.3	91.1	-14	107.0
33160	5.2	90.0	-13	109.1
33170	5.2	88.9	-11	111.5
33180	4.6	87.7	-10	114.2
33190	4.6	86.6	-9	116.6
33200	4.9	85.4	-8	118.7
33210	4.7	84.2	-7	121.1
33220	5.0	83.0	-6	123.5
33230	4.6	81.7	-4	125.6
33240	5.0	80.4	-3	127.7
33250	5.2	79.1	-2	130.1
33260	4.3	77.8	0	132.8
33270	4.3	76.5	1	134.7
33280	5.6	75.1	2	136.8
33290	4.3	73.7	4	139.5
33300	3.8	72.4	5	126.9
33310	15.3	71.1	6	115.5
33320	17.6	69.9	8	114.4
33330	10.7	68.8	9	90.5
33340	12.1	67.9	10	89.1
33350	13.4	67.1	10	79.3
33360	10.0	66.4	11	62.8
33370	10.3	65.7	12	61.7
33380	9.9	65.2	12	54.8
33390	6.8	64.7	13	48.4
33400	6.1	64.2	13	38.3
33410	6.6	63.8	14	38.0
33420	5.4	63.5	14	36.7

33430	4.3	63.2	14	29.2
33440	4.6	62.9	15	26.0
33450	4.5	62.7	15	20.7
33460	3.8	62.5	15	20.4
33470	3.4	62.3	15	19.9
33480	2.7	62.1	15	16.2
33490	1.8	62.0	15	14.3
33500	1.2	61.9	16	11.1
33510	0.4	61.7	16	10.9
33520	0.0	61.6	16	8.7
33530	0.0	61.5	16	9.3
33540	0.0	61.5	16	7.7
33550	0.0	61.4	16	5.8
33560	0.0	61.3	16	6.6
33570	-0.4	61.3	16	5.3
33580	-1.8	61.2	16	4.2
33590	-6.2	61.2	16	3.1
33600	-1.5	61.2	16	-0.5
33610	-3.1	61.2	16	0.0
33620	-5.7	61.2	16	-1.8
33630	-3.8	61.3	16	-3.9
33640	-3.8	61.3	16	-6.6
33650	-5.2	61.4	16	-9.3
33660	-4.1	61.5	16	-10.9
33670	-3.3	61.6	16	-14.6
33680	-5.4	61.8	16	-16.5
33690	-4.9	61.9	16	-19.7
33700	-4.5	62.1	15	-22.3
33710	-6.4	62.4	15	-23.1
33720	-6.5	62.6	15	-23.6
33730	-5.7	62.9	15	-29.8
33740	-6.9	63.2	14	-36.4
33750	-7.2	63.6	14	-36.7
33760	-6.6	64.0	13	-40.4
33770	-7.1	64.4	13	-43.9
33780	-7.9	64.9	13	-43.1
33790	-7.2	65.4	12	-56.9
33800	-7.2	65.9	12	-60.6
33810	-8.4	66.5	11	-59.6
33820	-8.1	67.1	10	-57.5
33830	-8.0	67.8	10	-61.4
33840	-8.5	68.6	9	-72.6
33850	-8.3	69.3	8	-84.9
33860	-8.0	70.1	7	-89.4
33870	-8.8	71.0	6	-93.9
33880	-8.0	71.9	6	-99.3
33890	-7.9	72.8	5	-103.8
33900	-8.4	73.8	4	-98.5
33910	-7.9	74.8	3	-103.2
33920	-7.5	75.9	2	-107.2
33930	-8.1	77.0	0	-111.5
33940	-8.3	78.1	-1	-115.8
33950	-7.5	79.3	-2	-119.8
33960	-7.3	80.5	-3	-124.0

33970	-7.3	81.8	-4	-127.5
33980	-6.9	83.1	-6	-131.7
33990	-7.5	84.4	-7	-135.2
34000	-6.9	85.8	-8	-138.9
34010	-8.1	87.2	-10	-142.4
34020	-7.3	88.7	-11	-146.6
34030	-7.3	90.2	-13	-150.1
34040	-7.5	91.7	-14	-153.8
34050	-7.3	93.3	-16	-157.6
34060	-7.9	94.9	-17	-161.3
34070	-7.2	96.5	-19	-165.0
34080	-7.9	98.2	-21	-168.5
34090	-6.1	99.9	-22	-172.5
34100	-6.9	101.7	-24	-175.4
34110	-7.5	103.4	-26	-178.6
34120	-7.2	105.3	-28	-181.8
34130	-14.2	107.0	-30	-191.9
34140	-28.6	108.5	-31	-149.3
34150	-25.9	109.8	-32	-126.9
34160	-13.7	111.0	-34	-96.1
34170	-18.0	111.9	-34	-91.0
34180	-19.3	112.7	-35	-85.1
34190	-14.2	113.4	-36	-65.7
34200	-10.7	114.0	-37	-60.6
34210	-12.7	114.5	-37	-47.1
34220	-10.6	114.9	-37	-43.9
34230	-7.9	115.2	-38	-34.0
34240	-6.9	115.6	-38	-31.4
34250	-6.8	115.8	-38	-24.2
34260	-5.4	116.0	-39	-22.8
34270	-4.5	116.2	-39	-17.5
34280	-4.3	116.3	-39	-13.5
34290	-4.1	116.5	-39	-13.8
34300	-3.5	116.6	-39	-10.9
34310	-2.6	116.7	-39	-8.2
34320	-1.6	116.8	-39	-8.5
34330	-0.5	116.8	-39	-7.1
34340	0.0	116.9	-39	-5.3
34350	0.0	116.9	-39	-3.9
34360	0.0	117.0	-40	-3.9
34370	0.4	117.0	-40	-3.7
34380	0.5	117.0	-40	-2.6
34390	0.5	117.1	-40	-2.1
34400	0.9	117.1	-40	-2.1
34410	2.7	117.1	-40	-1.3
34420	3.4	117.1	-40	0.5
34430	1.9	117.1	-40	1.0
34440	1.8	117.1	-40	2.6
34450	3.5	117.1	-40	3.1
34460	2.6	117.0	-40	4.5
34470	1.9	116.9	-39	5.5
34480	3.0	116.9	-39	6.9
34490	2.8	116.8	-39	7.9
34500	2.4	116.7	-39	9.3

34510	3.0	116.6	-39	10.6
34520	3.3	116.4	-39	12.2
34530	3.5	116.3	-39	16.7
34540	3.9	116.1	-39	17.0
34550	4.2	115.9	-38	19.1
34560	4.1	115.7	-38	19.1
34570	4.1	115.5	-38	21.5
34580	4.2	115.3	-38	23.4
34590	3.9	115.0	-38	25.5
34600	3.9	114.7	-37	33.2
34610	4.1	114.4	-37	32.4
34620	3.8	114.0	-37	34.3
34630	4.1	113.7	-36	36.7
34640	4.1	113.3	-36	38.6
34650	4.1	112.9	-35	36.7
34660	4.5	112.4	-35	38.8
34670	4.5	112.0	-35	45.5
34680	4.2	111.5	-34	52.9
34690	4.5	111.0	-34	55.1
34700	4.6	110.5	-33	57.5
34710	4.3	110.0	-33	54.8
34720	4.6	109.4	-32	51.3
34730	4.6	108.8	-31	65.2
34740	4.3	108.2	-31	67.8
34750	4.7	107.5	-30	70.2
34760	5.0	106.9	-29	72.9
34770	4.7	106.2	-29	75.6
34780	5.0	105.5	-28	78.2
34790	5.2	104.8	-27	73.7
34800	4.7	104.0	-27	76.4
34810	5.2	103.2	-26	79.0
34820	5.2	102.4	-25	81.4
34830	4.6	101.6	-24	84.1
34840	5.3	100.7	-23	86.5
34850	5.2	99.8	-22	89.1
34860	5.3	98.9	-21	91.8
34870	5.4	98.0	-21	94.7
34880	5.6	97.0	-20	97.4
34890	5.3	96.0	-19	100.3
34900	5.3	95.0	-18	103.0
34910	5.6	93.9	-16	105.9
34920	5.6	92.9	-15	108.6
34930	5.0	91.7	-14	111.2
34940	5.3	90.6	-13	113.9
34950	6.1	89.5	-12	116.6
34960	6.0	88.3	-11	119.2
34970	5.4	87.1	-10	122.4
34980	5.7	85.8	-8	124.8
34990	6.1	84.5	-7	127.7
35000	5.4	83.2	-6	130.7
35010	5.4	81.9	-4	133.3
35020	6.1	80.6	-3	135.7
35030	6.1	79.2	-2	138.7
35040	5.4	77.8	0	141.8

35050	5.0	76.3	1	144.2
35060	6.1	74.9	3	146.6
35070	5.7	73.4	4	149.6
35080	5.3	72.0	5	134.4
35090	20.5	70.5	7	145.8
35100	19.3	69.4	8	117.1
35110	12.1	68.3	9	101.6
35120	15.3	67.4	10	97.9
35130	15.7	66.6	11	78.5
35140	11.9	65.9	12	68.4
35150	12.6	65.3	12	60.1
35160	11.5	64.7	13	52.7
35170	8.7	64.2	13	46.0
35180	9.1	63.8	14	40.1
35190	9.4	63.4	14	38.6
35200	8.1	63.1	14	30.8
35210	8.4	62.8	15	26.8
35220	9.4	62.6	15	21.2
35230	8.8	62.4	15	21.0
35240	8.5	62.2	15	18.3
35250	8.4	62.0	15	14.3
35260	7.5	61.9	16	14.1
35270	6.2	61.8	16	13.3
35280	5.6	61.6	16	10.6
35290	5.2	61.5	16	10.1
35300	4.2	61.5	16	7.9
35310	3.5	61.4	16	6.9
35320	3.5	61.3	16	5.5
35330	3.7	61.3	16	6.1
35340	3.4	61.2	16	4.7
35350	3.3	61.2	16	3.7
35360	2.6	61.1	16	3.4
35370	1.8	61.1	16	2.9
35380	1.1	61.1	16	2.3
35390	0.1	61.1	16	2.3
35400	0.0	61.0	16	2.3
35410	-0.4	61.0	16	2.1
35420	-0.5	61.0	16	1.8
35430	-0.7	61.0	16	1.3
35440	-0.8	61.0	16	0.7
35450	-2.0	61.0	16	0.0
35460	-6.4	61.0	16	-0.7
35470	-1.1	61.0	16	-3.9
35480	-1.5	61.1	16	-3.9
35490	-6.5	61.1	16	-5.0
35500	-4.2	61.2	16	-8.2
35510	-3.1	61.3	16	-9.5
35520	-6.9	61.4	16	-11.4
35530	-6.0	61.6	16	-15.9
35540	-3.7	61.7	16	-17.3
35550	-6.8	61.9	16	-19.1
35560	-6.6	62.2	15	-26.8
35570	-4.6	62.5	15	-30.8
35580	-6.6	62.7	15	-30.8

35590	-7.9	63.1	14	-30.8
35600	-6.2	63.5	14	-35.1
35610	-7.1	63.9	14	-38.0
35620	-8.5	64.3	13	-50.3
35630	-7.2	64.8	13	-55.1
35640	-6.9	65.3	12	-54.0
35650	-8.1	65.9	12	-52.1
35660	-7.7	66.5	11	-68.4
35670	-7.1	67.2	10	-72.6
35680	-8.4	67.9	10	-69.7
35690	-8.5	68.6	9	-66.8
35700	-7.5	69.4	8	-71.0
35710	-8.1	70.2	7	-75.3
35720	-9.4	71.0	6	-78.2
35730	-8.1	71.9	6	-82.7
35740	-8.4	72.9	5	-86.2
35750	-9.4	73.9	4	-100.3
35760	-8.4	75.0	2	-105.4
35770	-8.1	76.1	1	-109.9
35780	-9.6	77.2	0	-114.4
35790	-9.5	78.4	-1	-119.5
35800	-8.5	79.6	-2	-124.5
35810	-9.4	80.9	-3	-128.8
35820	-9.4	82.2	-5	-133.9
35830	-8.5	83.6	-6	-138.9
35840	-8.8	85.0	-8	-143.4
35850	-9.5	86.5	-9	-147.7
35860	-8.3	88.0	-11	-152.8
35870	-8.5	89.6	-12	-157.0
35880	-7.9	91.2	-14	-161.3
35890	-8.3	92.8	-15	-165.3
35900	-7.3	94.5	-17	-169.0
35910	-8.1	96.2	-19	-173.3
35920	-8.3	98.0	-21	-177.0
35930	-6.1	99.8	-22	-180.7
35940	-7.2	101.6	-24	-183.9
35950	-7.7	103.5	-26	-186.8
35960	-7.3	105.4	-28	-190.6
35970	-14.4	107.1	-30	-181.2
35980	-30.4	108.8	-31	-167.4
35990	-24.7	110.1	-33	-129.1
36000	-14.4	111.2	-34	-118.4
36010	-17.5	112.1	-35	-91.0
36020	-20.9	113.0	-36	-77.2
36030	-13.8	113.7	-36	-70.8
36040	-10.4	114.2	-37	-54.0
36050	-11.4	114.7	-37	-40.7
36060	-11.0	115.1	-38	-38.6
36070	-8.3	115.4	-38	-32.4
36080	-7.3	115.7	-38	-29.8
36090	-7.6	115.9	-38	-22.8
36100	-8.1	116.1	-39	-17.3
36110	-9.5	116.3	-39	-16.5
36120	-10.2	116.5	-39	-15.4

36130	-9.8	116.6	-39	-11.7
36140	-9.2	116.7	-39	-9.0
36150	-9.2	116.8	-39	-9.3
36160	-8.1	116.8	-39	-7.1
36170	-6.4	116.9	-39	-5.0
36180	-5.4	117.0	-40	-5.0
36190	-5.3	117.0	-40	-4.5
36200	-5.3	117.0	-40	-3.4
36210	-5.3	117.1	-40	-3.1
36220	-5.3	117.1	-40	-2.6
36230	-4.5	117.1	-40	-2.3
36240	-3.7	117.1	-40	-1.8
36250	-3.0	117.1	-40	-1.5
36260	-2.0	117.2	-40	-1.3
36270	-1.2	117.2	-40	-0.7
36280	0.0	117.2	-40	-0.7
36290	0.4	117.2	-40	-0.5
36300	0.5	117.2	-40	-0.2
36310	0.8	117.2	-40	0.0
36320	0.8	117.2	-40	0.0
36330	0.9	117.2	-40	0.2
36340	2.8	117.2	-40	0.7
36350	7.6	117.1	-40	3.7
36360	1.8	117.1	-40	7.1
36370	0.8	117.0	-40	8.2
36380	5.6	116.9	-39	9.0
36390	3.9	116.8	-39	11.9
36400	2.6	116.7	-39	14.1
36410	4.9	116.6	-39	15.7
36420	4.5	116.4	-39	18.6
36430	3.0	116.2	-39	19.1
36440	4.2	116.0	-39	19.1
36450	4.6	115.8	-38	21.0
36460	4.1	115.5	-38	28.4
36470	4.6	115.3	-38	30.6
36480	4.9	115.0	-38	33.5
36490	4.3	114.6	-37	33.2
36500	4.6	114.3	-37	31.9
36510	4.7	113.9	-36	34.0
36520	4.6	113.5	-36	44.1
36530	4.5	113.1	-36	42.5
36540	4.7	112.7	-35	40.4
36550	4.9	112.2	-35	52.1
36560	4.2	111.7	-34	54.8
36570	4.3	111.2	-34	51.9
36580	4.9	110.6	-33	48.9
36590	4.7	110.1	-33	51.1
36600	4.6	109.5	-32	65.2
36610	4.7	108.9	-31	67.6
36620	4.3	108.2	-31	70.2
36630	4.9	107.6	-30	72.9
36640	4.9	106.9	-29	75.8
36650	4.2	106.2	-29	78.5
36660	4.3	105.4	-28	80.6

36670	4.3	104.7	-27	75.6
36680	4.3	103.9	-26	78.0
36690	5.2	103.1	-26	80.3
36700	4.9	102.3	-25	82.7
36710	4.7	101.5	-24	85.1
36720	5.2	100.6	-23	87.5
36730	4.6	99.7	-22	89.9
36740	4.9	98.8	-21	92.6
36750	5.3	97.8	-20	95.3
36760	4.9	96.9	-19	97.7
36770	4.2	95.9	-18	100.0
36780	4.9	94.8	-17	102.2
36790	4.7	93.8	-16	104.8
36800	5.0	92.7	-15	107.2
36810	5.4	91.7	-14	109.4
36820	5.0	90.5	-13	112.3
36830	5.3	89.4	-12	114.7
36840	5.7	88.2	-11	117.4
36850	5.2	87.0	-10	120.0
36860	5.4	85.8	-8	122.7
36870	5.8	84.6	-7	125.3
36880	5.2	83.3	-6	128.0
36890	5.3	82.0	-5	130.4
36900	5.7	80.7	-3	132.8
36910	5.6	79.3	-2	135.7
36920	5.3	77.9	0	138.1
36930	4.9	76.5	1	140.8
36940	5.8	75.1	2	143.2
36950	5.0	73.7	4	145.8
36960	4.6	72.2	5	147.4
36970	17.0	70.9	7	133.1
36980	19.3	69.7	8	105.6
36990	11.9	68.6	9	103.0
37000	13.2	67.7	10	90.5
37010	15.7	66.8	11	71.6
37020	11.7	66.1	11	70.0
37030	10.7	65.5	12	61.2
37040	11.0	64.9	13	54.0
37050	8.1	64.4	13	47.6
37060	7.3	64.0	13	37.5
37070	8.0	63.6	14	36.7
37080	6.5	63.3	14	35.1
37090	6.0	63.0	14	28.2
37100	6.8	62.7	15	25.0
37110	6.4	62.5	15	19.7
37120	5.8	62.3	15	19.1
37130	6.1	62.1	15	18.6
37140	5.3	62.0	15	15.1
37150	4.6	61.9	16	13.0
37160	3.7	61.7	16	10.3
37170	3.0	61.6	16	10.1
37180	2.7	61.5	16	7.9
37190	2.2	61.5	16	7.4
37200	1.6	61.4	16	6.1

37210	1.6	61.3	16	5.8
37220	1.1	61.3	16	5.3
37230	0.1	61.2	16	4.5
37240	0.0	61.2	16	3.4
37250	0.0	61.2	16	3.1
37260	-0.5	61.1	16	2.9
37270	-0.8	61.1	16	2.9
37280	-2.7	61.1	16	2.1
37290	-9.5	61.1	16	-0.7
37300	-2.0	61.1	16	-4.5
37310	-0.7	61.2	16	-4.5
37320	-8.1	61.2	16	-5.8
37330	-4.6	61.3	16	-8.5
37340	-2.7	61.4	16	-10.9
37350	-7.9	61.5	16	-12.5
37360	-6.5	61.7	16	-19.4
37370	-4.5	61.9	16	-23.4
37380	-8.3	62.1	15	-23.6
37390	-8.4	62.4	15	-25.5
37400	-5.4	62.7	15	-29.0
37410	-8.4	63.1	14	-39.1
37420	-9.6	63.5	14	-40.1
37430	-7.1	63.9	14	-45.2
37440	-8.7	64.4	13	-44.1
37450	-10.3	64.9	13	-58.8
37460	-8.3	65.5	12	-59.1
37470	-8.7	66.1	11	-57.2
37480	-10.6	66.8	11	-75.0
37490	-9.2	67.5	10	-80.6
37500	-9.1	68.3	9	-78.5
37510	-10.3	69.1	8	-75.0
37520	-9.6	70.0	7	-97.1
37530	-9.2	70.9	7	-102.7
37540	-9.2	71.9	6	-108.3
37550	-9.6	72.9	5	-113.1
37560	-9.2	74.0	3	-108.0
37570	-9.1	75.1	2	-113.1
37580	-9.9	76.3	1	-117.9
37590	-9.6	77.5	0	-123.5
37600	-9.9	78.8	-1	-128.3
37610	-9.6	80.1	-3	-133.9
37620	-9.1	81.5	-4	-138.7
37630	-9.2	82.9	-5	-143.4
37640	-9.2	84.4	-7	-148.2
37650	-8.8	85.9	-8	-153.0
37660	-9.6	87.4	-10	-157.6
37670	-9.6	89.1	-12	-162.6
37680	-8.8	90.7	-13	-167.7
37690	-9.2	92.4	-15	-171.7
37700	-8.4	94.2	-17	-176.5
37710	-9.6	96.0	-19	-180.7
37720	-9.1	97.8	-20	-185.2
37730	-6.6	99.7	-22	-189.5
37740	-8.3	101.6	-24	-193.2

37750	-8.4	103.6	-26	-196.7
37760	-7.9	105.5	-28	-180.4
37770	-20.5	107.4	-30	-166.6
37780	-33.6	109.0	-32	-156.8
37790	-26.7	110.5	-33	-143.7
37800	-16.0	111.6	-34	-108.6
37810	-21.4	112.5	-35	-90.7
37820	-23.1	113.3	-36	-76.1
37830	-15.3	114.0	-37	-56.7
37840	-12.1	114.5	-37	-52.4
37850	-14.8	115.0	-38	-39.4
37860	-12.3	115.4	-38	-36.7
37870	-8.7	115.7	-38	-27.4
37880	-8.0	116.0	-39	-25.2
37890	-8.0	116.2	-39	-18.9
37900	-6.4	116.4	-39	-17.8
37910	-5.6	116.5	-39	-13.0
37920	-5.8	116.7	-39	-13.5
37930	-5.6	116.8	-39	-10.1
37940	-4.3	116.8	-39	-7.7
37950	-3.8	116.9	-39	-7.7
37960	-2.7	117.0	-40	-5.8
37970	-1.1	117.0	-40	-4.5
37980	-0.1	117.1	-40	-4.2
37990	0.0	117.1	-40	-3.7
38000	0.0	117.1	-40	-2.9
38010	0.4	117.2	-40	-2.6
38020	0.7	117.2	-40	-2.3
38030	0.7	117.2	-40	-1.5
38040	1.1	117.2	-40	-1.0
38050	4.3	117.2	-40	-0.2
38060	4.6	117.2	-40	1.3
38070	1.2	117.2	-40	2.9
38080	2.4	117.1	-40	3.4
38090	4.9	117.1	-40	5.8
38100	3.0	117.0	-40	8.7
38110	3.0	116.9	-39	10.6
38120	4.5	116.8	-39	11.1
38130	3.1	116.7	-39	14.9
38140	2.6	116.5	-39	15.1
38150	3.8	116.4	-39	14.9
38160	3.9	116.2	-39	16.7
38170	3.3	116.0	-39	22.8
38180	4.3	115.8	-38	24.7
38190	4.7	115.5	-38	25.0
38200	4.3	115.3	-38	24.7
38210	4.7	115.0	-38	26.8
38220	4.7	114.6	-37	35.6
38230	4.5	114.3	-37	38.3
38240	4.3	113.9	-36	40.9
38250	4.9	113.5	-36	43.6
38260	4.5	113.1	-36	46.3
38270	4.3	112.7	-35	44.4
38280	5.3	112.2	-35	42.3

38290	5.0	111.7	-34	54.5
38300	4.6	111.2	-34	52.1
38310	5.3	110.7	-33	48.9
38320	5.2	110.1	-33	51.6
38330	4.5	109.5	-32	53.7
38340	5.2	108.9	-31	55.9
38350	4.7	108.3	-31	58.3
38360	4.5	107.6	-30	60.4
38370	4.6	106.9	-29	62.8
38380	4.3	106.2	-29	64.6
38390	4.3	105.5	-28	72.9
38400	4.5	104.7	-27	76.1
38410	4.6	103.9	-26	78.8
38420	4.9	103.1	-26	80.9
38430	4.3	102.3	-25	83.0
38440	4.1	101.4	-24	85.4
38450	4.2	100.6	-23	87.3
38460	3.8	99.7	-22	89.4
38470	3.8	98.8	-21	91.3
38480	3.8	97.8	-20	93.4
38490	4.1	96.9	-19	95.0
38500	3.8	95.9	-18	96.9
38510	3.8	94.9	-17	98.7
38520	3.9	93.9	-16	100.6
38530	4.5	92.9	-15	102.4
38540	3.7	91.9	-14	104.6
38550	4.1	90.8	-13	106.2
38560	4.2	89.7	-12	108.3
38570	4.2	88.7	-11	110.2
38580	4.2	87.5	-10	112.3
38590	4.2	86.4	-9	114.2
38600	4.3	85.2	-8	116.3
38610	4.1	84.1	-7	118.2
38620	4.9	82.9	-5	120.0
38630	4.6	81.6	-4	122.7
38640	5.0	80.4	-3	124.5
38650	4.9	79.1	-2	126.9
38660	4.5	77.9	0	129.3
38670	4.5	76.5	1	131.5
38680	5.6	75.2	2	133.6
38690	5.3	73.9	4	136.3
38700	4.7	72.5	5	138.4
38710	14.1	71.2	6	128.3
38720	18.7	70.1	7	102.7
38730	13.0	69.0	8	101.4
38740	13.0	68.0	9	98.2
38750	14.5	67.3	10	79.8
38760	12.3	66.5	11	70.8
38770	13.4	65.9	12	68.9
38780	12.5	65.3	12	55.6
38790	9.9	64.8	13	49.5
38800	9.5	64.3	13	43.6
38810	9.6	63.9	14	34.8
38820	8.8	63.6	14	34.3

38830	8.7	63.3	14	33.2
38840	9.4	63.0	14	27.1
38850	9.8	62.8	15	23.9
38860	9.5	62.5	15	19.1
38870	9.5	62.3	15	18.9
38880	8.9	62.2	15	15.1
38890	8.3	62.0	15	14.9
38900	8.0	61.9	16	14.3
38910	7.3	61.8	16	11.7
38920	6.6	61.6	16	11.4
38930	6.6	61.6	16	9.0
38940	6.4	61.5	16	7.1
38950	6.1	61.4	16	7.1
38960	6.2	61.3	16	6.9
38970	5.6	61.3	16	5.8
38980	4.3	61.2	16	4.5
38990	3.9	61.2	16	4.2
39000	2.8	61.1	16	3.1
39010	1.6	61.1	16	3.1
39020	0.9	61.1	16	2.6
39030	0.5	61.1	16	2.1
39040	0.0	61.0	16	2.3
39050	0.0	61.0	16	1.8
39060	-0.4	61.0	16	1.8
39070	-0.7	61.0	16	1.8
39080	-0.8	61.0	16	1.3
39090	-1.9	61.0	16	0.5
39100	-8.4	61.0	16	-0.7
39110	-2.8	61.0	16	-3.9
39120	-1.6	61.0	16	-5.8
39130	-7.1	61.1	16	-7.4
39140	-4.7	61.2	16	-11.1
39150	-3.1	61.3	16	-13.8
39160	-6.4	61.5	16	-15.9
39170	-5.4	61.6	16	-19.4
39180	-3.5	61.8	16	-22.3
39190	-6.4	62.0	15	-22.6
39200	-6.6	62.3	15	-23.1
39210	-5.0	62.6	15	-29.2
39220	-7.5	62.9	15	-35.6
39230	-8.7	63.2	14	-36.2
39240	-7.2	63.6	14	-36.7
39250	-8.1	64.1	13	-40.1
39260	-9.4	64.6	13	-53.2
39270	-8.1	65.1	12	-53.5
39280	-7.7	65.6	12	-52.1
39290	-9.2	66.3	11	-68.6
39300	-8.9	66.9	11	-66.8
39310	-8.5	67.6	10	-64.1
39320	-9.6	68.3	9	-68.4
39330	-9.8	69.1	8	-72.9
39340	-9.4	70.0	7	-77.2
39350	-10.4	70.9	7	-99.8
39360	-9.8	71.9	6	-106.2

39370	-9.5	72.9	5	-111.5
39380	-9.8	73.9	4	-106.4
39390	-9.5	75.0	2	-112.0
39400	-9.2	76.2	1	-116.8
39410	-9.5	77.4	0	-122.1
39420	-9.9	78.7	-1	-126.9
39430	-8.9	80.0	-3	-132.0
39440	-8.7	81.3	-4	-136.5
39450	-9.1	82.7	-5	-141.6
39460	-8.5	84.2	-7	-145.6
39470	-7.7	85.7	-8	-150.4
39480	-9.2	87.2	-10	-154.4
39490	-8.5	88.8	-11	-158.9
39500	-7.7	90.4	-13	-163.1
39510	-7.9	92.1	-15	-167.1
39520	-8.0	93.8	-16	-170.9
39530	-9.1	95.5	-18	-174.6
39540	-8.1	97.3	-20	-179.1
39550	-7.2	99.1	-22	-183.4
39560	-8.5	101.0	-24	-186.8
39570	-8.0	102.9	-25	-190.6
39580	-8.3	104.8	-27	-194.6
39590	-11.7	106.7	-29	-211.9
39600	-31.3	108.4	-31	-164.2
39610	-30.6	109.9	-32	-151.7
39620	-18.0	111.0	-34	-115.8
39630	-19.7	112.0	-35	-96.6
39640	-24.8	112.9	-35	-89.4
39650	-19.4	113.6	-36	-68.4
39660	-14.0	114.2	-37	-62.5
39670	-16.0	114.7	-37	-47.6
39680	-15.5	115.1	-38	-40.1
39690	-12.1	115.5	-38	-30.0
39700	-10.3	115.8	-38	-30.6
39710	-10.8	116.0	-39	-23.6
39720	-10.0	116.2	-39	-21.5
39730	-8.4	116.4	-39	-16.5
39740	-8.5	116.5	-39	-14.9
39750	-8.3	116.7	-39	-11.7
39760	-7.1	116.8	-39	-8.7
39770	-5.7	116.9	-39	-8.7
39780	-5.0	116.9	-39	-6.6
39790	-3.7	117.0	-40	-5.0
39800	-2.2	117.0	-40	-5.0
39810	-1.6	117.1	-40	-3.9
39820	-1.5	117.1	-40	-3.1
39830	-0.5	117.1	-40	-2.9
39840	-0.1	117.2	-40	-2.3
39850	-0.1	117.2	-40	-1.8
39860	0.0	117.2	-40	-1.3
39870	0.0	117.2	-40	-1.3
39880	0.5	117.2	-40	-1.0
39890	0.7	117.2	-40	-0.5
39900	0.8	117.2	-40	0.0

39910	1.1	117.2	-40	0.2
39920	6.5	117.2	-40	0.2
39930	4.9	117.2	-40	4.2
39940	0.5	117.1	-40	6.3
39950	1.9	117.1	-40	6.9
39960	5.3	117.0	-40	8.5
39970	1.8	116.9	-39	11.4
39980	2.4	116.8	-39	12.5
39990	5.4	116.7	-39	12.5
40000	3.1	116.5	-39	17.0
40010	2.6	116.4	-39	18.9
40020	5.0	116.2	-39	20.4
40030	3.8	116.0	-39	21.2
40040	3.5	115.8	-38	21.0
40050	4.7	115.5	-38	22.6
40060	4.3	115.2	-38	25.5
40070	3.7	114.9	-37	33.0
40080	4.7	114.6	-37	31.9
40090	4.9	114.3	-37	31.1
40100	3.9	113.9	-36	33.2
40110	4.5	113.5	-36	43.1
40120	4.7	113.1	-36	45.7

ISOK_EXERC_ER/IR_300_R_SIDE
01/07
Set #2

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	117.3	-40	0.0
10	0.7	117.3	-40	0.2
20	0.8	117.3	-40	0.7
30	0.8	117.3	-40	0.7
40	0.8	117.3	-40	1.0
50	1.6	117.3	-40	1.8
60	8.1	117.3	-40	2.9
70	3.9	117.2	-40	5.8
80	0.5	117.1	-40	9.3
90	3.4	117.0	-40	10.1
100	4.1	116.9	-39	11.7
110	3.0	116.8	-39	14.3
120	2.7	116.6	-39	16.2
130	3.1	116.5	-39	17.8
140	3.4	116.3	-39	19.7
150	3.5	116.1	-39	21.8
160	3.1	115.9	-38	21.5
170	3.5	115.7	-38	25.8
180	3.9	115.4	-38	25.2
190	3.9	115.2	-38	24.7
200	3.9	114.9	-37	26.6
210	3.9	114.6	-37	34.6
220	4.3	114.2	-37	37.0
230	4.3	113.9	-36	35.6
240	4.1	113.5	-36	41.2
250	3.9	113.1	-36	44.1
260	3.9	112.7	-35	42.3
270	4.2	112.3	-35	44.4
280	4.3	111.8	-34	41.7
290	4.3	111.3	-34	43.6
300	4.1	110.8	-33	50.5
310	4.1	110.3	-33	58.0
320	4.3	109.7	-32	60.6
330	4.1	109.1	-32	63.0
340	4.1	108.6	-31	65.2
350	4.2	108.0	-31	67.3
360	4.5	107.3	-30	69.7
370	3.9	106.7	-29	72.1
380	4.2	106.0	-29	74.5
390	4.6	105.3	-28	76.6
400	4.1	104.6	-27	72.1
410	4.3	103.9	-26	74.5
420	5.3	103.1	-26	76.6
430	5.2	102.3	-25	79.3
440	4.5	101.5	-24	81.9
450	4.9	100.7	-23	84.3
460	4.6	99.8	-22	86.5
470	4.9	98.9	-21	88.9
480	4.7	98.0	-21	91.5

490	4.7	97.1	-20	93.9
500	4.9	96.1	-19	96.3
510	4.5	95.1	-18	98.7
520	5.0	94.1	-17	101.1
530	5.3	93.1	-16	103.5
540	4.9	92.0	-15	105.9
550	4.6	91.0	-14	108.6
560	4.9	89.9	-12	111.0
570	5.0	88.7	-11	113.4
580	4.9	87.6	-10	115.8
590	4.7	86.4	-9	117.9
600	4.9	85.2	-8	120.5
610	4.5	84.0	-7	122.7
620	4.9	82.7	-5	125.1
630	4.5	81.5	-4	127.5
640	4.9	80.2	-3	129.6
650	5.3	78.9	-1	132.0
660	4.6	77.5	0	134.1
670	4.5	76.2	1	136.8
680	5.6	74.8	3	138.9
690	4.7	73.4	4	141.3
700	5.8	72.0	5	154.6
710	18.2	70.7	7	126.1
720	17.6	69.6	8	100.3
730	12.1	68.6	9	98.2
740	13.4	67.7	10	87.0
750	13.8	66.8	11	84.6
760	13.2	66.2	11	68.1
770	12.7	65.6	12	60.1
780	10.6	65.0	12	53.5
790	8.5	64.5	13	46.8
800	8.9	64.1	13	45.2
810	9.1	63.7	14	36.4
820	8.0	63.4	14	32.2
830	7.9	63.1	14	31.1
840	7.9	62.8	15	25.2
850	7.6	62.6	15	22.0
860	7.3	62.4	15	17.8
870	6.5	62.2	15	17.3
880	5.4	62.1	15	15.4
890	4.3	61.9	16	12.2
900	3.1	61.8	16	11.9
910	1.9	61.7	16	9.3
920	0.9	61.6	16	9.0
930	0.0	61.5	16	8.5
940	0.0	61.4	16	6.3
950	-0.3	61.4	16	6.6
960	-0.9	61.3	16	5.5
970	-8.4	61.3	16	3.9
980	-8.1	61.3	16	-0.7
990	-3.3	61.3	16	-3.7
1000	-5.2	61.3	16	-5.8
1010	-9.4	61.4	16	-9.0
1020	-7.3	61.5	16	-14.6

1030	-7.1	61.7	16	-18.6
1040	-8.4	61.9	16	-23.4
1050	-8.5	62.1	15	-25.2
1060	-9.4	62.4	15	-27.1
1070	-8.4	62.8	15	-38.6
1080	-9.4	63.1	14	-39.4
1090	-11.0	63.6	14	-40.4
1100	-11.0	64.1	13	-55.6
1110	-11.0	64.6	13	-56.1
1120	-11.7	65.2	12	-55.6
1130	-11.5	65.9	12	-75.0
1140	-11.9	66.6	11	-74.5
1150	-11.8	67.4	10	-72.6
1160	-12.2	68.3	9	-95.5
1170	-12.2	69.2	8	-93.4
1180	-12.1	70.1	7	-89.4
1190	-12.9	71.2	6	-95.5
1200	-12.6	72.3	5	-101.6
1210	-12.3	73.5	4	-119.2
1220	-13.0	74.8	3	-126.7
1230	-12.6	76.1	1	-133.3
1240	-12.3	77.5	0	-140.5
1250	-12.3	78.9	-1	-146.9
1260	-11.8	80.5	-3	-153.6
1270	-11.1	82.0	-5	-160.0
1280	-11.1	83.7	-6	-165.8
1290	-11.3	85.4	-8	-171.7
1300	-12.2	87.1	-10	-177.3
1310	-11.8	89.0	-12	-183.4
1320	-11.3	90.8	-13	-189.5
1330	-11.5	92.8	-15	-195.1
1340	-11.0	94.8	-17	-200.7
1350	-11.4	96.8	-19	-206.5
1360	-10.4	98.9	-21	-212.7
1370	-10.3	101.1	-24	-217.7
1380	-10.8	103.3	-26	-222.5
1390	-12.5	105.5	-28	-204.9
1400	-28.2	107.7	-30	-188.7
1410	-45.6	109.5	-32	-173.5
1420	-40.0	111.0	-34	-155.2
1430	-27.3	112.2	-35	-113.6
1440	-29.7	113.2	-36	-92.3
1450	-30.8	114.0	-37	-82.7
1460	-30.2	114.6	-37	-61.4
1470	-27.5	115.1	-38	-49.5
1480	-25.0	115.5	-38	-36.2
1490	-23.1	115.9	-38	-35.6
1500	-22.0	116.2	-39	-26.6
1510	-20.2	116.4	-39	-23.6
1520	-18.0	116.6	-39	-17.0
1530	-17.6	116.7	-39	-12.7
1540	-18.0	116.9	-39	-11.7
1550	-18.2	117.0	-40	-8.2
1560	-16.8	117.0	-40	-8.2

1570	-15.5	117.1	-40	-6.1
1580	-14.1	117.1	-40	-4.5
1590	-11.9	117.2	-40	-4.2
1600	-9.6	117.2	-40	-2.9
1610	-7.9	117.2	-40	-2.3
1620	-6.1	117.3	-40	-1.5
1630	-4.7	117.3	-40	-0.7
1640	-3.8	117.3	-40	-0.5
1650	-3.0	117.3	-40	-0.5
1660	-2.6	117.3	-40	-0.5
1670	-2.2	117.3	-40	-0.2
1680	-1.5	117.3	-40	0.0
1690	-0.4	117.3	-40	-0.2
1700	0.3	117.3	-40	0.0
1710	0.5	117.3	-40	0.0
1720	0.8	117.3	-40	0.0
1730	0.8	117.3	-40	0.2
1740	1.6	117.3	-40	1.0
1750	11.7	117.3	-40	2.1
1760	4.6	117.2	-40	6.1
1770	-0.1	117.1	-40	8.2
1780	3.0	117.0	-40	9.5
1790	6.1	116.9	-39	10.9
1800	3.5	116.8	-39	15.7
1810	3.0	116.6	-39	16.2
1820	4.7	116.5	-39	16.2
1830	5.6	116.3	-39	18.3
1840	5.0	116.0	-39	25.8
1850	4.7	115.8	-38	26.0
1860	5.0	115.5	-38	28.7
1870	5.6	115.2	-38	28.4
1880	5.3	114.9	-37	31.1
1890	4.9	114.5	-37	41.2
1900	5.3	114.1	-37	39.9
1910	5.3	113.7	-36	38.6
1920	4.9	113.2	-36	40.9
1930	4.9	112.7	-35	53.2
1940	5.4	112.2	-35	55.3
1950	5.4	111.7	-34	59.1
1960	4.9	111.2	-34	56.4
1970	5.2	110.6	-33	53.2
1980	4.7	109.9	-32	67.6
1990	4.7	109.3	-32	63.8
2000	4.9	108.7	-31	59.6
2010	4.6	108.0	-31	61.7
2020	4.9	107.3	-30	63.8
2030	4.5	106.6	-29	66.2
2040	4.5	105.8	-28	68.1
2050	4.6	105.0	-28	78.0
2060	4.5	104.2	-27	80.3
2070	5.2	103.4	-26	83.0
2080	4.7	102.5	-25	85.4
2090	4.5	101.7	-24	87.8
2100	5.3	100.8	-23	90.2

2110	4.9	99.8	-22	92.9
2120	4.7	98.9	-21	95.3
2130	5.2	97.9	-20	97.9
2140	5.3	96.9	-19	100.3
2150	4.6	95.9	-18	103.0
2160	5.0	94.9	-17	105.4
2170	5.2	93.8	-16	107.8
2180	5.3	92.7	-15	110.4
2190	4.9	91.6	-14	113.1
2200	4.7	90.4	-13	115.2
2210	5.2	89.2	-12	117.4
2220	5.2	88.0	-11	120.3
2230	4.5	86.8	-9	122.4
2240	4.5	85.6	-8	124.8
2250	5.0	84.3	-7	126.9
2260	5.3	83.0	-6	129.6
2270	4.7	81.7	-4	132.0
2280	5.6	80.4	-3	134.1
2290	5.6	79.0	-2	136.8
2300	5.0	77.6	0	139.5
2310	4.7	76.2	1	141.8
2320	6.1	74.8	3	144.2
2330	5.2	73.3	4	146.9
2340	6.9	71.8	6	145.0
2350	19.9	70.6	7	129.6
2360	18.3	69.4	8	102.7
2370	12.5	68.4	9	99.8
2380	14.1	67.5	10	87.8
2390	13.4	66.6	11	77.2
2400	13.4	65.9	12	68.1
2410	13.0	65.3	12	59.9
2420	10.0	64.8	13	52.7
2430	8.4	64.3	13	46.0
2440	8.9	63.9	14	36.2
2450	8.5	63.5	14	35.6
2460	7.1	63.2	14	31.1
2470	6.5	62.9	15	24.4
2480	6.6	62.7	15	24.2
2490	6.0	62.4	15	23.4
2500	5.7	62.3	15	18.6
2510	4.7	62.1	15	16.2
2520	3.5	61.9	16	13.0
2530	2.4	61.8	16	12.5
2540	1.4	61.7	16	11.9
2550	0.1	61.6	16	9.5
2560	0.0	61.5	16	8.7
2570	0.0	61.4	16	7.4
2580	-0.7	61.4	16	6.3
2590	-2.8	61.3	16	5.0
2600	-11.9	61.3	16	2.6
2610	-3.9	61.3	16	-1.8
2620	-2.3	61.3	16	-3.7
2630	-10.0	61.4	16	-5.5
2640	-8.1	61.5	16	-9.5

2650	-6.9	61.6	16	-13.8
2660	-8.1	61.8	16	-21.0
2670	-8.1	62.0	15	-23.4
2680	-8.1	62.3	15	-24.7
2690	-8.0	62.6	15	-35.1
2700	-7.6	62.9	15	-36.2
2710	-8.1	63.3	14	-36.4
2720	-9.1	63.8	14	-49.2
2730	-9.4	64.3	13	-49.5
2740	-9.5	64.8	13	-48.9
2750	-9.4	65.4	12	-53.7
2760	-9.4	66.0	11	-71.0
2770	-10.3	66.7	11	-76.9
2780	-10.4	67.5	10	-82.5
2790	-10.4	68.2	9	-80.1
2800	-11.3	69.1	8	-77.2
2810	-11.3	70.0	7	-82.5
2820	-12.3	70.9	7	-89.1
2830	-11.9	71.9	6	-93.7
2840	-12.1	73.1	4	-110.4
2850	-12.5	74.2	3	-117.1
2860	-11.4	75.5	2	-123.7
2870	-11.8	76.7	1	-129.6
2880	-11.8	78.1	-1	-136.3
2890	-11.3	79.5	-2	-142.4
2900	-10.8	81.0	-4	-148.2
2910	-10.6	82.5	-5	-154.4
2920	-11.3	84.1	-7	-159.7
2930	-11.0	85.7	-8	-165.5
2940	-12.2	87.4	-10	-171.4
2950	-11.9	89.2	-12	-177.5
2960	-10.7	91.0	-14	-183.9
2970	-11.7	92.9	-15	-189.2
2980	-11.3	94.8	-17	-195.1
2990	-11.3	96.8	-19	-200.9
3000	-10.4	98.9	-21	-206.8
3010	-10.7	101.0	-24	-212.1
3020	-11.4	103.1	-26	-217.2
3030	-13.2	105.4	-28	-223.0
3040	-24.0	107.4	-30	-211.9
3050	-44.9	109.3	-32	-190.8
3060	-42.0	110.8	-33	-142.9
3070	-24.8	112.0	-35	-115.5
3080	-27.7	113.0	-36	-84.3
3090	-29.0	113.8	-36	-77.2
3100	-26.4	114.4	-37	-62.8
3110	-23.1	115.0	-38	-45.7
3120	-21.0	115.4	-38	-41.5
3130	-18.3	115.8	-38	-30.3
3140	-16.1	116.1	-39	-27.6
3150	-14.6	116.3	-39	-20.2
3160	-13.3	116.5	-39	-19.9
3170	-12.7	116.7	-39	-14.9
3180	-12.3	116.8	-39	-10.9

3190	-11.5	116.9	-39	-9.8
3200	-10.7	117.0	-40	-7.1
3210	-9.2	117.0	-40	-6.9
3220	-8.3	117.1	-40	-5.0
3230	-6.8	117.1	-40	-3.7
3240	-4.7	117.2	-40	-3.4
3250	-3.1	117.2	-40	-2.9
3260	-2.3	117.2	-40	-2.1
3270	-1.6	117.2	-40	-1.5
3280	-1.2	117.3	-40	-1.3
3290	-0.8	117.3	-40	-0.7
3300	-0.8	117.3	-40	-0.7
3310	-0.7	117.3	-40	-0.5
3320	-0.3	117.3	-40	-0.5
3330	0.1	117.3	-40	-0.2
3340	0.5	117.3	-40	-0.2
3350	0.7	117.3	-40	0.0
3360	0.8	117.3	-40	0.2
3370	0.9	117.3	-40	0.2
3380	5.7	117.3	-40	0.7
3390	6.6	117.2	-40	4.7
3400	1.5	117.2	-40	7.9
3410	0.7	117.1	-40	8.7
3420	4.7	117.0	-40	9.5
3430	4.9	116.9	-39	10.9
3440	2.7	116.8	-39	14.6
3450	3.3	116.6	-39	16.5
3460	4.5	116.5	-39	18.3
3470	4.5	116.3	-39	18.9
3480	4.1	116.1	-39	19.4
3490	4.2	115.8	-38	26.0
3500	4.9	115.6	-38	25.8
3510	5.0	115.3	-38	25.8
3520	4.5	115.0	-38	34.3
3530	4.7	114.7	-37	36.4
3540	5.2	114.3	-37	39.6
3550	5.0	114.0	-37	38.6
3560	4.9	113.5	-36	41.2
3570	4.7	113.1	-36	39.4
3580	5.0	112.6	-35	50.8
3590	5.2	112.2	-35	48.9
3600	4.7	111.7	-34	46.5
3610	4.5	111.1	-34	48.4
3620	4.9	110.5	-33	62.0
3630	4.7	110.0	-33	64.6
3640	4.7	109.4	-32	66.5
3650	4.6	108.7	-31	70.0
3660	4.6	108.1	-31	72.6
3670	4.9	107.4	-30	75.3
3680	4.7	106.7	-29	77.7
3690	4.6	106.0	-29	80.6
3700	4.7	105.2	-28	82.7
3710	4.5	104.4	-27	77.7
3720	4.5	103.7	-26	80.1

3730	4.9	102.8	-25	82.2
3740	4.6	102.0	-25	84.9
3750	4.9	101.1	-24	87.3
3760	4.5	100.2	-23	89.7
3770	4.9	99.3	-22	92.1
3780	5.3	98.4	-21	94.5
3790	5.2	97.4	-20	97.1
3800	4.7	96.4	-19	99.8
3810	5.0	95.4	-18	102.4
3820	5.3	94.4	-17	104.6
3830	5.4	93.3	-16	107.5
3840	4.9	92.2	-15	110.2
3850	5.0	91.1	-14	112.3
3860	5.6	89.9	-12	115.0
3870	6.2	88.8	-11	117.9
3880	5.7	87.6	-10	120.8
3890	5.4	86.3	-9	123.7
3900	6.1	85.1	-8	126.4
3910	5.8	83.8	-6	129.1
3920	6.1	82.5	-5	132.0
3930	5.6	81.1	-4	134.9
3940	6.0	79.8	-2	137.6
3950	6.1	78.4	-1	140.8
3960	5.2	76.9	1	143.7
3970	6.1	75.5	2	146.4
3980	6.2	74.0	3	149.3
3990	5.3	72.6	5	136.8
4000	16.1	71.1	6	125.6
4010	22.6	69.8	8	123.7
4020	15.7	68.7	9	107.2
4030	13.8	67.7	10	94.5
4040	15.6	66.9	11	83.0
4050	14.6	66.1	11	79.3
4060	15.1	65.5	12	63.6
4070	12.5	64.9	13	55.6
4080	9.8	64.4	13	48.4
4090	10.4	63.9	14	46.5
4100	10.4	63.6	14	37.2
4110	8.7	63.2	14	32.4
4120	7.7	62.9	15	30.6
4130	8.1	62.7	15	24.7
4140	7.9	62.5	15	23.6
4150	7.6	62.3	15	18.9
4160	7.1	62.1	15	18.3
4170	6.1	61.9	16	14.9
4180	5.0	61.8	16	12.7
4190	3.7	61.7	16	12.2
4200	2.3	61.6	16	9.5
4210	1.5	61.5	16	8.2
4220	0.0	61.4	16	6.6
4230	0.0	61.4	16	6.1
4240	-0.3	61.3	16	5.0
4250	-0.9	61.3	16	5.3
4260	-7.9	61.2	16	3.9

4270	-8.8	61.2	16	-1.0
4280	-3.3	61.3	16	-4.7
4290	-5.3	61.3	16	-6.3
4300	-9.4	61.4	16	-10.1
4310	-6.8	61.5	16	-15.7
4320	-7.3	61.7	16	-17.8
4330	-8.3	61.9	16	-19.4
4340	-7.6	62.1	15	-23.1
4350	-8.1	62.4	15	-33.2
4360	-7.5	62.8	15	-34.3
4370	-7.1	63.1	14	-38.6
4380	-8.9	63.5	14	-38.3
4390	-9.6	64.0	13	-51.9
4400	-9.1	64.5	13	-57.2
4410	-9.6	65.1	12	-50.8
4420	-9.9	65.7	12	-68.1
4430	-10.2	66.3	11	-67.3
4440	-10.4	67.0	10	-65.4
4450	-10.7	67.8	10	-70.5
4460	-10.8	68.6	9	-75.3
4470	-11.1	69.5	8	-81.9
4480	-11.7	70.4	7	-85.7
4490	-11.8	71.4	6	-91.3
4500	-12.2	72.5	5	-97.1
4510	-12.2	73.7	4	-113.9
4520	-12.3	74.9	3	-120.8
4530	-12.3	76.1	1	-127.5
4540	-12.6	77.5	0	-134.4
4550	-12.7	78.9	-1	-141.0
4560	-12.3	80.3	-3	-148.0
4570	-11.8	81.8	-4	-154.1
4580	-12.2	83.4	-6	-160.7
4590	-12.7	85.1	-8	-166.9
4600	-12.9	86.8	-9	-173.5
4610	-12.3	88.6	-11	-180.2
4620	-12.5	90.4	-13	-186.6
4630	-11.8	92.4	-15	-193.0
4640	-11.8	94.3	-17	-199.1
4650	-12.9	96.4	-19	-205.5
4660	-11.9	98.5	-21	-212.1
4670	-10.2	100.7	-23	-218.0
4680	-10.8	102.9	-25	-223.0
4690	-12.2	105.1	-28	-228.4
4700	-21.0	107.4	-30	-241.1
4710	-43.0	109.2	-32	-180.4
4720	-41.4	110.7	-33	-147.2
4730	-23.2	112.0	-35	-106.2
4740	-25.4	113.0	-36	-95.8
4750	-27.7	113.8	-36	-78.0
4760	-24.1	114.5	-37	-56.7
4770	-20.5	115.0	-38	-50.8
4780	-18.7	115.5	-38	-45.2
4790	-16.1	115.8	-38	-33.5
4800	-14.4	116.1	-39	-29.8

4810	-12.9	116.3	-39	-21.8
4820	-11.0	116.5	-39	-16.2
4830	-10.2	116.7	-39	-13.0
4840	-10.0	116.8	-39	-12.7
4850	-9.5	116.9	-39	-9.3
4860	-7.9	117.0	-40	-6.6
4870	-6.5	117.0	-40	-5.8
4880	-6.0	117.1	-40	-4.2
4890	-4.6	117.1	-40	-3.9
4900	-2.3	117.2	-40	-2.9
4910	-0.5	117.2	-40	-2.6
4920	0.0	117.2	-40	-1.8
4930	0.3	117.2	-40	-1.3
4940	0.5	117.2	-40	-0.7
4950	0.7	117.2	-40	-0.5
4960	0.8	117.2	-40	0.0
4970	2.2	117.2	-40	0.0
4980	7.7	117.2	-40	1.3
4990	2.0	117.2	-40	3.9
5000	0.5	117.1	-40	5.3
5010	5.7	117.1	-40	6.1
5020	4.9	117.0	-40	7.9
5030	3.4	116.9	-39	10.6
5040	4.7	116.8	-39	12.2
5050	5.0	116.6	-39	14.3
5060	4.3	116.4	-39	20.4
5070	4.2	116.2	-39	21.0
5080	4.3	116.0	-39	23.1
5090	5.0	115.8	-38	23.1
5100	4.9	115.5	-38	25.8
5110	5.0	115.2	-38	31.1
5120	5.3	114.8	-37	37.2
5130	5.2	114.5	-37	36.4
5140	5.0	114.1	-37	35.4
5150	4.7	113.7	-36	46.0
5160	4.6	113.2	-36	44.4
5170	4.5	112.8	-35	42.5
5180	4.6	112.3	-35	54.3
5190	4.7	111.8	-34	56.9
5200	4.5	111.2	-34	59.6
5210	4.5	110.7	-33	56.4
5220	4.5	110.1	-33	52.7
5230	4.3	109.5	-32	54.8
5240	4.7	108.9	-31	57.7
5250	4.2	108.2	-31	58.8
5260	4.3	107.6	-30	60.9
5270	4.3	106.9	-29	62.8
5280	3.9	106.2	-29	64.6
5290	3.9	105.4	-28	73.4
5300	3.9	104.6	-27	75.8
5310	4.2	103.9	-26	78.0
5320	4.7	103.1	-26	80.1
5330	4.9	102.2	-25	82.5
5340	4.7	101.4	-24	84.9

5350	4.9	100.5	-23	87.3
5360	4.6	99.6	-22	89.9
5370	5.0	98.7	-21	92.3
5380	5.2	97.8	-20	95.0
5390	4.7	96.8	-19	97.4
5400	4.6	95.8	-18	99.8
5410	4.7	94.8	-17	102.2
5420	5.0	93.8	-16	104.6
5430	5.4	92.7	-15	107.0
5440	4.7	91.6	-14	109.6
5450	4.5	90.5	-13	112.0
5460	5.2	89.4	-12	114.4
5470	5.3	88.2	-11	116.8
5480	5.0	87.0	-10	119.5
5490	4.9	85.8	-8	121.9
5500	5.6	84.6	-7	124.3
5510	5.3	83.3	-6	126.7
5520	5.3	82.0	-5	129.3
5530	5.4	80.7	-3	131.7
5540	5.7	79.4	-2	134.1
5550	5.6	78.0	-1	136.8
5560	4.6	76.6	1	139.5
5570	5.4	75.2	2	141.8
5580	5.3	73.8	4	144.5
5590	4.7	72.4	5	131.7
5600	16.4	71.0	6	119.5
5610	19.9	69.8	8	118.2
5620	13.7	68.7	9	92.9
5630	12.7	67.8	10	91.0
5640	13.6	66.9	11	80.3
5650	12.6	66.2	11	63.3
5660	13.2	65.6	12	62.2
5670	11.1	65.0	12	54.8
5680	8.3	64.5	13	48.1
5690	8.0	64.1	13	38.0
5700	8.0	63.7	14	37.2
5710	6.6	63.3	14	32.7
5720	5.8	63.0	14	25.5
5730	5.4	62.8	15	25.2
5740	4.7	62.5	15	24.2
5750	4.1	62.3	15	19.7
5760	2.8	62.2	15	17.3
5770	1.6	62.0	15	15.1
5780	0.8	61.9	16	11.7
5790	-0.1	61.8	16	11.4
5800	0.0	61.6	16	11.4
5810	-0.1	61.6	16	8.7
5820	-0.8	61.5	16	7.1
5830	-8.7	61.4	16	6.6
5840	-6.8	61.4	16	1.5
5850	-1.5	61.4	16	-0.5
5860	-5.4	61.4	16	-1.3
5870	-7.7	61.4	16	-4.5
5880	-4.6	61.5	16	-7.4

5890	-7.2	61.6	16	-10.3
5900	-8.4	61.8	16	-13.5
5910	-6.1	61.9	16	-19.4
5920	-8.1	62.2	15	-25.0
5930	-8.0	62.4	15	-26.8
5940	-6.5	62.7	15	-27.9
5950	-7.6	63.0	14	-31.9
5960	-8.8	63.4	14	-42.8
5970	-8.1	63.9	14	-48.1
5980	-8.4	64.3	13	-47.9
5990	-9.2	64.9	13	-57.5
6000	-8.8	65.4	12	-57.2
6010	-8.5	66.0	11	-55.6
6020	-9.5	66.7	11	-72.9
6030	-9.4	67.4	10	-78.2
6040	-9.5	68.1	9	-83.8
6050	-9.9	68.9	9	-81.1
6060	-10.2	69.7	8	-77.7
6070	-11.3	70.6	7	-83.8
6080	-11.5	71.6	6	-88.1
6090	-11.4	72.6	5	-93.1
6100	-11.7	73.8	4	-109.6
6110	-11.7	74.9	3	-116.3
6120	-11.4	76.1	1	-122.1
6130	-11.7	77.4	0	-128.8
6140	-12.2	78.7	-1	-134.7
6150	-11.4	80.1	-3	-141.3
6160	-11.0	81.6	-4	-147.2
6170	-11.1	83.1	-6	-153.3
6180	-11.5	84.7	-7	-159.2
6190	-11.4	86.3	-9	-165.0
6200	-11.7	88.0	-11	-171.1
6210	-12.2	89.8	-12	-177.3
6220	-11.0	91.6	-14	-183.6
6230	-11.4	93.5	-16	-189.2
6240	-12.7	95.4	-18	-195.1
6250	-12.3	97.4	-20	-201.5
6260	-10.8	99.5	-22	-208.1
6270	-11.4	101.6	-24	-214.0
6280	-11.4	103.8	-26	-219.3
6290	-11.9	106.0	-29	-223.8
6300	-33.5	108.0	-31	-199.9
6310	-44.3	109.8	-32	-179.7
6320	-33.8	111.1	-34	-134.1
6330	-23.6	112.3	-35	-107.8
6340	-27.3	113.2	-36	-80.3
6350	-26.4	114.0	-37	-72.4
6360	-22.9	114.6	-37	-64.1
6370	-21.2	115.1	-38	-47.6
6380	-19.7	115.5	-38	-42.5
6390	-17.5	115.8	-38	-31.6
6400	-15.1	116.1	-39	-28.2
6410	-14.1	116.3	-39	-20.7
6420	-12.9	116.5	-39	-18.6

6430	-12.6	116.6	-39	-13.5
6440	-12.3	116.7	-39	-10.3
6450	-10.8	116.8	-39	-10.1
6460	-9.6	116.9	-39	-7.1
6470	-8.3	117.0	-40	-5.8
6480	-7.3	117.0	-40	-4.5
6490	-5.6	117.1	-40	-3.7
6500	-3.7	117.1	-40	-2.9
6510	-2.3	117.1	-40	-2.1
6520	-1.2	117.1	-40	-1.8
6530	-0.3	117.2	-40	-1.5
6540	0.0	117.2	-40	-1.0
6550	0.0	117.2	-40	-0.7
6560	0.3	117.2	-40	-0.7
6570	0.4	117.2	-40	-0.5
6580	0.5	117.2	-40	0.0
6590	0.7	117.2	-40	0.0
6600	0.9	117.2	-40	0.0
6610	4.5	117.2	-40	0.5
6620	6.8	117.2	-40	3.7
6630	1.8	117.1	-40	6.9
6640	1.9	117.0	-40	8.5
6650	5.3	117.0	-40	9.5
6660	3.5	116.8	-39	12.5
6670	3.0	116.7	-39	14.3
6680	4.5	116.6	-39	16.5
6690	3.4	116.4	-39	18.6
6700	3.5	116.2	-39	21.0
6710	4.5	116.0	-39	21.0
6720	4.5	115.8	-38	21.0
6730	4.3	115.5	-38	28.4
6740	5.2	115.3	-38	31.1
6750	5.0	115.0	-38	33.8
6760	4.6	114.6	-37	33.5
6770	5.0	114.3	-37	32.4
6780	4.7	113.9	-36	42.5
6790	4.7	113.5	-36	40.9
6800	5.2	113.1	-36	39.1
6810	5.0	112.6	-35	50.8
6820	4.7	112.1	-35	48.7
6830	4.6	111.6	-34	46.0
6840	4.9	111.1	-34	58.5
6850	5.2	110.5	-33	55.6
6860	4.7	110.0	-33	52.7
6870	4.9	109.4	-32	54.8
6880	5.0	108.7	-31	56.9
6890	5.2	108.1	-31	59.3
6900	5.0	107.4	-30	61.7
6910	4.7	106.7	-29	63.8
6920	5.0	106.0	-29	66.0
6930	5.3	105.2	-28	76.1
6940	5.2	104.4	-27	78.8
6950	5.3	103.6	-26	81.4
6960	5.4	102.8	-25	83.8

6970	5.2	101.9	-24	86.7
6980	5.6	101.0	-24	89.9
6990	5.0	100.1	-23	92.3
7000	5.3	99.2	-22	95.0
7010	5.8	98.2	-21	97.7
7020	5.3	97.2	-20	100.6
7030	5.3	96.1	-19	103.5
7040	5.3	95.1	-18	106.4
7050	5.7	94.0	-17	109.1
7060	6.1	92.9	-15	111.8
7070	5.6	91.8	-14	114.7
7080	5.3	90.6	-13	117.6
7090	5.8	89.4	-12	120.3
7100	6.0	88.2	-11	123.2
7110	5.2	86.9	-9	126.4
7120	5.0	85.6	-8	128.8
7130	5.3	84.3	-7	131.5
7140	5.4	83.0	-6	133.9
7150	5.2	81.6	-4	136.5
7160	5.8	80.3	-3	138.9
7170	5.6	78.8	-1	141.3
7180	4.7	77.4	0	144.2
7190	5.2	76.0	1	146.4
7200	5.8	74.5	3	148.8
7210	4.6	73.0	4	151.4
7220	9.1	71.6	6	130.7
7230	21.0	70.2	7	141.0
7240	16.4	69.1	8	113.1
7250	11.9	68.0	9	98.2
7260	15.1	67.1	10	86.5
7270	13.0	66.3	11	75.3
7280	12.6	65.7	12	66.2
7290	12.5	65.1	12	58.3
7300	9.1	64.5	13	51.1
7310	8.0	64.1	13	39.9
7320	8.7	63.7	14	38.8
7330	7.6	63.3	14	33.8
7340	6.4	63.0	14	29.5
7350	6.6	62.8	15	26.0
7360	6.5	62.5	15	24.7
7370	6.2	62.3	15	20.2
7380	5.7	62.1	15	17.5
7390	4.7	62.0	15	15.7
7400	3.3	61.8	16	11.9
7410	1.8	61.7	16	11.7
7420	0.3	61.6	16	10.1
7430	0.0	61.5	16	7.7
7440	-0.1	61.4	16	7.7
7450	-0.7	61.4	16	6.1
7460	-2.8	61.3	16	5.8
7470	-11.5	61.3	16	2.9
7480	-2.4	61.3	16	-1.8
7490	-1.8	61.3	16	-2.6
7500	-9.8	61.3	16	-4.2

7510	-4.9	61.4	16	-8.2
7520	-5.3	61.5	16	-10.9
7530	-7.9	61.7	16	-13.5
7540	-5.6	61.9	16	-20.7
7550	-5.6	62.1	15	-22.0
7560	-7.7	62.3	15	-22.3
7570	-6.2	62.6	15	-31.6
7580	-5.6	62.9	15	-32.4
7590	-8.0	63.3	14	-32.2
7600	-7.7	63.6	14	-39.9
7610	-7.5	64.1	13	-48.7
7620	-8.8	64.5	13	-47.9
7630	-8.8	65.1	12	-47.1
7640	-7.7	65.6	12	-62.8
7650	-9.1	66.2	11	-61.4
7660	-9.9	66.9	11	-59.6
7670	-8.9	67.6	10	-64.1
7680	-9.9	68.3	9	-68.9
7690	-10.8	69.2	8	-81.7
7700	-10.6	70.0	7	-95.5
7710	-11.7	70.9	7	-101.6
7720	-11.9	71.9	6	-108.6
7730	-12.1	72.9	5	-115.2
7740	-12.2	74.0	3	-111.2
7750	-11.7	75.2	2	-118.4
7760	-11.9	76.4	1	-124.5
7770	-11.9	77.7	0	-131.5
7780	-11.8	79.1	-2	-137.6
7790	-11.7	80.5	-3	-144.2
7800	-11.7	82.0	-5	-150.1
7810	-11.8	83.5	-6	-156.8
7820	-12.1	85.1	-8	-162.6
7830	-12.7	86.8	-9	-169.0
7840	-11.9	88.6	-11	-175.7
7850	-12.5	90.4	-13	-182.0
7860	-11.9	92.2	-15	-188.2
7870	-11.4	94.2	-17	-194.6
7880	-12.6	96.2	-19	-200.9
7890	-12.1	98.2	-21	-206.8
7900	-10.3	100.3	-23	-212.9
7910	-11.1	102.5	-25	-218.3
7920	-12.5	104.7	-27	-224.1
7930	-15.6	107.0	-30	-244.6
7940	-41.5	108.8	-31	-185.8
7950	-42.0	110.5	-33	-164.7
7960	-25.0	111.7	-34	-123.2
7970	-25.8	112.8	-35	-108.6
7980	-28.1	113.6	-36	-80.3
7990	-23.7	114.3	-37	-66.0
8000	-18.8	114.9	-37	-52.9
8010	-19.1	115.3	-38	-47.6
8020	-16.8	115.7	-38	-35.4
8030	-14.1	116.0	-39	-31.4
8040	-12.2	116.2	-39	-23.1

8050	-10.4	116.5	-39	-20.4
8060	-9.2	116.6	-39	-14.9
8070	-8.3	116.7	-39	-10.9
8080	-8.0	116.8	-39	-10.1
8090	-7.1	116.9	-39	-7.9
8100	-5.2	117.0	-40	-6.9
8110	-4.3	117.0	-40	-5.3
8120	-3.1	117.1	-40	-3.7
8130	-1.2	117.1	-40	-2.9
8140	0.1	117.2	-40	-2.3
8150	0.1	117.2	-40	-2.1
8160	0.4	117.2	-40	-1.8
8170	0.7	117.2	-40	-1.3
8180	0.8	117.2	-40	-0.5
8190	2.7	117.2	-40	0.0
8200	7.7	117.2	-40	1.3
8210	1.5	117.2	-40	3.9
8220	0.1	117.1	-40	4.5
8230	5.4	117.1	-40	5.0
8240	3.7	117.0	-40	7.1
8250	2.3	116.9	-39	9.3
8260	5.0	116.8	-39	12.5
8270	4.1	116.7	-39	13.8
8280	3.0	116.5	-39	14.3
8290	4.3	116.3	-39	15.9
8300	4.3	116.1	-39	18.3
8310	3.5	115.9	-38	24.4
8320	4.6	115.7	-38	24.2
8330	4.3	115.4	-38	26.6
8340	4.2	115.1	-38	26.3
8350	4.9	114.8	-37	28.4
8360	5.0	114.5	-37	37.5
8370	4.9	114.1	-37	40.1
8380	4.5	113.7	-36	43.3
8390	4.5	113.3	-36	45.2
8400	4.3	112.9	-35	48.7
8410	4.6	112.4	-35	46.5
8420	4.9	112.0	-35	44.4
8430	4.6	111.4	-34	56.9
8440	4.6	110.9	-33	59.3
8450	4.6	110.3	-33	62.0
8460	4.7	109.8	-32	52.9
8470	4.6	109.2	-32	54.8
8480	4.9	108.5	-31	56.9
8490	4.6	107.9	-30	59.1
8500	4.7	107.2	-30	61.4
8510	4.6	106.5	-29	63.6
8520	4.3	105.8	-28	65.4
8530	4.3	105.0	-28	75.0
8540	4.3	104.2	-27	77.4
8550	4.7	103.4	-26	79.8
8560	4.3	102.6	-25	81.9
8570	3.9	101.8	-24	84.3
8580	4.6	100.9	-23	86.2

8590	4.3	100.1	-23	88.9
8600	4.5	99.2	-22	91.0
8610	4.9	98.2	-21	93.1
8620	4.6	97.3	-20	95.5
8630	4.6	96.3	-19	97.9
8640	4.6	95.3	-18	100.3
8650	4.6	94.3	-17	102.4
8660	5.3	93.2	-16	105.1
8670	4.7	92.2	-15	107.5
8680	4.6	91.1	-14	109.9
8690	4.9	90.0	-13	112.3
8700	5.4	88.8	-11	114.4
8710	5.3	87.7	-10	117.4
8720	4.7	86.5	-9	119.5
8730	5.3	85.2	-8	122.1
8740	5.2	84.0	-7	124.8
8750	5.3	82.7	-5	127.5
8760	5.0	81.4	-4	130.1
8770	5.6	80.1	-3	132.3
8780	5.7	78.8	-1	135.2
8790	5.0	77.4	0	137.9
8800	5.3	76.0	1	140.2
8810	6.2	74.6	3	142.9
8820	5.2	73.1	4	145.8
8830	7.9	71.8	6	130.7
8840	20.2	70.4	7	113.9
8850	17.5	69.3	8	112.3
8860	12.9	68.3	9	98.2
8870	14.9	67.4	10	77.7
8880	14.1	66.6	11	76.4
8890	14.0	65.9	12	60.1
8900	13.6	65.3	12	59.1
8910	10.7	64.7	13	52.1
8920	9.4	64.3	13	45.7
8930	9.8	63.8	14	44.1
8940	9.2	63.5	14	35.4
8950	8.7	63.2	14	31.1
8960	8.8	62.9	15	24.2
8970	9.4	62.6	15	24.2
8980	9.1	62.4	15	19.1
8990	8.7	62.2	15	18.6
9000	7.9	62.1	15	14.9
9010	7.1	61.9	16	14.3
9020	5.8	61.8	16	12.7
9030	4.6	61.7	16	11.1
9040	3.5	61.6	16	9.5
9050	2.8	61.5	16	7.4
9060	1.9	61.4	16	7.1
9070	1.6	61.3	16	5.8
9080	1.2	61.3	16	6.3
9090	0.7	61.2	16	4.7
9100	0.0	61.2	16	4.2
9110	0.0	61.1	16	3.7
9120	-0.5	61.1	16	3.1

9130	-0.9	61.1	16	3.1
9140	-4.3	61.0	16	2.6
9150	-9.9	61.0	16	-1.3
9160	-2.7	61.1	16	-5.8
9170	-2.7	61.1	16	-6.9
9180	-8.4	61.2	16	-9.3
9190	-4.9	61.3	16	-13.5
9200	-4.7	61.5	16	-16.7
9210	-7.1	61.6	16	-17.8
9220	-5.6	61.9	16	-19.1
9230	-5.7	62.1	15	-26.6
9240	-7.6	62.3	15	-27.1
9250	-6.9	62.6	15	-27.9
9260	-6.9	63.0	14	-38.6
9270	-8.8	63.4	14	-38.8
9280	-8.5	63.8	14	-39.1
9290	-7.7	64.3	13	-52.7
9300	-9.2	64.8	13	-51.9
9310	-9.1	65.3	12	-50.8
9320	-8.0	65.9	12	-61.4
9330	-9.5	66.6	11	-65.7
9340	-10.0	67.3	10	-63.3
9350	-9.6	68.0	9	-68.4
9360	-10.2	68.8	9	-89.1
9370	-10.4	69.7	8	-94.7
9380	-10.7	70.6	7	-100.8
9390	-10.7	71.6	6	-107.2
9400	-10.8	72.6	5	-113.4
9410	-10.6	73.7	4	-108.6
9420	-10.7	74.8	3	-114.7
9430	-10.7	76.0	1	-120.3
9440	-11.0	77.2	0	-126.1
9450	-11.4	78.5	-1	-132.3
9460	-11.4	79.9	-2	-138.7
9470	-11.0	81.3	-4	-144.0
9480	-11.1	82.8	-5	-150.4
9490	-11.1	84.4	-7	-155.7
9500	-10.6	86.0	-9	-162.1
9510	-11.4	87.6	-10	-167.4
9520	-11.7	89.4	-12	-173.5
9530	-10.3	91.1	-14	-179.7
9540	-11.4	93.0	-16	-185.0
9550	-12.1	94.9	-17	-190.6
9560	-11.7	96.8	-19	-196.7
9570	-10.8	98.8	-21	-202.8
9580	-11.4	100.9	-23	-208.4
9590	-11.3	103.0	-26	-213.7
9600	-11.9	105.2	-28	-219.9
9610	-21.0	107.4	-30	-232.1
9620	-41.5	109.1	-32	-174.6
9630	-38.8	110.6	-33	-143.4
9640	-21.8	111.9	-34	-127.2
9650	-25.8	112.8	-35	-94.5
9660	-28.1	113.7	-36	-77.7

9670	-22.4	114.4	-37	-69.2
9680	-18.8	114.9	-37	-51.3
9690	-19.8	115.3	-38	-42.0
9700	-16.7	115.7	-38	-30.8
9710	-13.6	116.0	-39	-27.9
9720	-13.0	116.2	-39	-20.2
9730	-11.1	116.4	-39	-18.6
9740	-9.9	116.6	-39	-13.3
9750	-9.1	116.7	-39	-12.2
9760	-9.1	116.8	-39	-9.0
9770	-7.6	116.9	-39	-9.0
9780	-6.2	116.9	-39	-6.3
9790	-5.2	117.0	-40	-5.8
9800	-3.8	117.0	-40	-4.2
9810	-2.0	117.1	-40	-2.9
9820	-0.4	117.1	-40	-2.3
9830	0.0	117.1	-40	-2.3
9840	0.0	117.2	-40	-1.8
9850	0.4	117.2	-40	-1.5
9860	0.5	117.2	-40	-1.0
9870	0.7	117.2	-40	-0.7
9880	0.7	117.2	-40	0.0
9890	1.9	117.2	-40	0.2
9900	6.6	117.2	-40	0.5
9910	1.8	117.2	-40	3.7
9920	0.9	117.1	-40	3.7
9930	4.9	117.1	-40	4.7
9940	3.7	117.0	-40	6.9
9950	2.8	116.9	-39	8.7
9960	4.5	116.8	-39	10.3
9970	4.1	116.7	-39	13.3
9980	3.1	116.5	-39	14.1
9990	4.2	116.3	-39	17.5
10000	4.3	116.1	-39	21.5
10010	3.9	115.9	-38	22.0
10020	4.6	115.7	-38	21.8
10030	4.9	115.4	-38	29.2
10040	4.5	115.1	-38	32.4
10050	4.3	114.8	-37	31.9
10060	4.5	114.5	-37	30.8
10070	4.6	114.1	-37	33.0
10080	4.2	113.7	-36	42.8
10090	4.1	113.3	-36	45.2
10100	4.1	112.9	-35	43.3
10110	4.2	112.5	-35	40.9
10120	4.2	112.0	-35	43.1
10130	4.2	111.5	-34	55.1
10140	4.5	111.0	-34	51.9
10150	4.5	110.5	-33	54.0
10160	4.2	109.9	-32	50.8
10170	4.3	109.3	-32	64.6
10180	4.6	108.7	-31	66.8
10190	4.5	108.1	-31	69.2
10200	4.6	107.4	-30	71.6

10210	4.5	106.7	-29	74.5
10220	4.6	106.1	-29	76.9
10230	4.7	105.3	-28	72.6
10240	4.6	104.6	-27	74.8
10250	4.7	103.8	-26	77.4
10260	5.0	103.0	-26	79.6
10270	4.9	102.2	-25	82.5
10280	5.0	101.4	-24	84.9
10290	5.0	100.5	-23	87.5
10300	4.9	99.6	-22	90.2
10310	5.4	98.7	-21	92.9
10320	5.2	97.7	-20	95.5
10330	5.2	96.8	-19	97.9
10340	5.3	95.8	-18	100.6
10350	4.6	94.7	-17	103.5
10360	5.3	93.7	-16	105.9
10370	5.2	92.6	-15	108.3
10380	4.5	91.5	-14	111.0
10390	4.7	90.4	-13	113.1
10400	5.4	89.2	-12	115.5
10410	5.3	88.1	-11	117.9
10420	4.7	86.9	-9	120.5
10430	4.9	85.6	-8	122.9
10440	4.7	84.4	-7	125.3
10450	5.2	83.1	-6	127.5
10460	5.0	81.8	-4	130.4
10470	5.3	80.5	-3	132.5
10480	5.4	79.2	-2	134.9
10490	5.0	77.8	0	137.3
10500	4.6	76.4	1	139.7
10510	5.4	75.0	2	141.8
10520	4.9	73.5	4	144.5
10530	5.4	72.1	5	159.4
10540	17.9	70.8	7	130.7
10550	18.7	69.6	8	103.8
10560	12.6	68.6	9	101.1
10570	13.7	67.7	10	89.4
10580	13.7	66.8	11	86.7
10590	13.2	66.1	11	69.2
10600	13.0	65.5	12	61.2
10610	9.8	64.9	13	54.0
10620	8.0	64.4	13	47.3
10630	8.7	64.0	13	37.5
10640	8.8	63.6	14	36.7
10650	7.6	63.3	14	32.2
10660	7.2	63.0	14	25.2
10670	7.9	62.7	15	25.2
10680	7.7	62.5	15	19.9
10690	7.6	62.3	15	19.7
10700	7.2	62.1	15	15.4
10710	6.1	62.0	15	15.4
10720	5.2	61.8	16	14.6
10730	3.9	61.7	16	10.3
10740	2.6	61.6	16	10.1

10750	1.8	61.5	16	9.5
10760	0.5	61.5	16	7.4
10770	0.0	61.4	16	6.6
10780	0.0	61.3	16	5.3
10790	0.0	61.3	16	5.3
10800	-0.5	61.2	16	4.2
10810	-1.4	61.2	16	3.9
10820	-8.5	61.1	16	2.3
10830	-2.8	61.1	16	-1.0
10840	-1.2	61.2	16	-1.8
10850	-4.7	61.2	16	-3.4
10860	-4.9	61.2	16	-5.0
10870	-3.8	61.3	16	-7.7
10880	-4.9	61.4	16	-8.7
10890	-5.7	61.5	16	-11.4
10900	-4.1	61.7	16	-13.8
10910	-5.7	61.8	16	-15.9
10920	-6.1	62.0	15	-18.6
10930	-5.0	62.3	15	-23.6
10940	-6.4	62.5	15	-29.2
10950	-7.2	62.8	15	-30.0
10960	-6.6	63.1	14	-30.3
10970	-7.1	63.5	14	-33.8
10980	-8.3	63.9	14	-45.5
10990	-8.4	64.4	13	-50.3
11000	-8.4	64.9	13	-54.5
11010	-8.8	65.4	12	-60.1
11020	-8.8	66.0	11	-59.6
11030	-9.6	66.6	11	-57.7
11040	-9.9	67.3	10	-76.4
11050	-10.4	68.0	9	-81.7
11060	-10.7	68.8	9	-79.8
11070	-10.7	69.6	8	-77.2
11080	-11.3	70.5	7	-81.9
11090	-10.7	71.5	6	-87.3
11100	-10.8	72.5	5	-92.3
11110	-11.0	73.6	4	-108.3
11120	-10.8	74.7	3	-114.4
11130	-10.7	75.9	2	-120.3
11140	-11.5	77.2	0	-126.4
11150	-11.9	78.5	-1	-132.3
11160	-11.4	79.9	-2	-138.9
11170	-11.9	81.3	-4	-145.0
11180	-11.8	82.8	-5	-151.4
11190	-11.5	84.3	-7	-157.3
11200	-11.4	86.0	-9	-163.9
11210	-12.3	87.7	-10	-169.8
11220	-12.2	89.4	-12	-176.2
11230	-10.6	91.2	-14	-182.6
11240	-11.5	93.1	-16	-188.2
11250	-12.2	95.0	-18	-193.8
11260	-11.4	97.0	-20	-199.9
11270	-10.3	99.0	-22	-205.7
11280	-10.6	101.1	-24	-211.1

11290	-10.2	103.3	-26	-215.9
11300	-11.1	105.5	-28	-221.2
11310	-23.5	107.5	-30	-184.7
11320	-40.1	109.3	-32	-170.9
11330	-33.8	110.8	-33	-153.8
11340	-19.3	112.0	-35	-113.6
11350	-23.9	113.0	-36	-92.9
11360	-25.0	113.8	-36	-76.6
11370	-18.4	114.4	-37	-55.6
11380	-15.5	114.9	-37	-50.3
11390	-16.5	115.4	-38	-37.2
11400	-13.3	115.7	-38	-34.0
11410	-9.9	116.0	-39	-24.7
11420	-8.9	116.3	-39	-22.3
11430	-7.1	116.5	-39	-16.5
11440	-6.0	116.6	-39	-16.2
11450	-5.2	116.7	-39	-12.2
11460	-5.0	116.8	-39	-9.0
11470	-4.6	116.9	-39	-8.7
11480	-3.5	117.0	-40	-6.6
11490	-3.0	117.1	-40	-5.8
11500	-1.9	117.1	-40	-4.2
11510	-0.1	117.1	-40	-3.7
11520	0.1	117.2	-40	-2.9
11530	0.4	117.2	-40	-2.6
11540	0.7	117.2	-40	-1.8
11550	0.8	117.2	-40	-1.5
11560	3.0	117.2	-40	-0.7
11570	7.9	117.2	-40	1.0
11580	1.6	117.2	-40	3.7
11590	0.1	117.1	-40	4.2
11600	5.7	117.1	-40	4.7
11610	4.1	117.0	-40	7.1
11620	2.7	116.9	-39	9.3
11630	5.2	116.8	-39	13.0
11640	4.5	116.7	-39	15.4
11650	3.4	116.5	-39	16.7
11660	4.7	116.3	-39	17.0
11670	4.9	116.1	-39	19.1
11680	4.1	115.9	-38	25.5
11690	4.5	115.6	-38	28.4
11700	4.3	115.4	-38	28.2
11710	4.3	115.1	-38	27.6
11720	4.6	114.7	-37	36.2
11730	4.3	114.4	-37	35.4
11740	4.2	114.0	-37	33.8
11750	4.5	113.6	-36	39.6
11760	4.3	113.2	-36	46.3
11770	4.3	112.8	-35	44.7
11780	4.5	112.3	-35	46.8
11790	4.9	111.8	-34	44.4
11800	4.7	111.3	-34	46.5
11810	4.6	110.8	-33	59.6
11820	4.6	110.2	-33	56.4

11830	4.7	109.7	-32	58.8
11840	5.0	109.0	-32	55.1
11850	4.9	108.4	-31	57.5
11860	4.9	107.8	-30	59.6
11870	5.0	107.1	-30	62.0
11880	5.0	106.4	-29	64.4
11890	5.0	105.6	-28	66.5
11900	5.0	104.8	-27	76.4
11910	4.6	104.1	-27	79.0
11920	5.0	103.2	-26	81.4
11930	5.0	102.4	-25	83.8
11940	4.9	101.6	-24	86.5
11950	5.2	100.7	-23	89.1
11960	4.6	99.8	-22	91.8
11970	4.9	98.8	-21	94.2
11980	5.2	97.9	-20	96.9
11990	5.2	96.9	-19	99.3
12000	4.6	95.9	-18	101.9
12010	4.6	94.8	-17	104.3
12020	4.7	93.8	-16	106.4
12030	5.0	92.7	-15	109.1
12040	4.5	91.6	-14	111.5
12050	4.9	90.4	-13	113.6
12060	5.6	89.3	-12	115.8
12070	5.3	88.1	-11	119.0
12080	4.6	86.9	-9	121.3
12090	4.7	85.7	-8	123.7
12100	5.0	84.4	-7	125.9
12110	5.0	83.1	-6	128.3
12120	5.0	81.8	-4	131.2
12130	5.3	80.5	-3	133.1
12140	5.3	79.1	-2	135.5
12150	4.9	77.8	0	138.1
12160	4.7	76.4	1	140.2
12170	5.6	75.0	2	142.4
12180	5.2	73.5	4	145.0
12190	5.6	72.1	5	130.9
12200	18.6	70.7	7	143.2
12210	18.3	69.6	8	115.5
12220	12.1	68.5	9	101.4
12230	13.0	67.6	10	89.4
12240	13.6	66.8	11	70.8
12250	12.5	66.1	11	69.2
12260	12.3	65.4	12	60.9
12270	9.9	64.9	13	53.5
12280	8.4	64.4	13	42.5
12290	8.7	64.0	13	41.5
12300	8.1	63.6	14	36.4
12310	6.8	63.3	14	28.7
12320	6.4	63.0	14	28.2
12330	6.6	62.7	15	25.0
12340	6.0	62.5	15	21.8
12350	5.4	62.3	15	19.4
12360	4.7	62.1	15	15.4

12370	3.4	62.0	15	15.1
12380	2.0	61.8	16	13.0
12390	0.8	61.7	16	10.3
12400	0.0	61.6	16	9.8
12410	0.0	61.5	16	9.5
12420	0.0	61.4	16	7.7
12430	-0.3	61.4	16	7.1
12440	-0.9	61.3	16	6.1
12450	-8.3	61.2	16	4.2
12460	-4.2	61.2	16	0.5
12470	-2.0	61.2	16	-0.5
12480	-6.6	61.2	16	-1.5
12490	-7.1	61.3	16	-4.7
12500	-5.0	61.4	16	-7.9
12510	-6.9	61.5	16	-11.7
12520	-7.1	61.6	16	-17.3
12530	-5.6	61.8	16	-21.0
12540	-6.8	62.0	15	-22.3
12550	-6.8	62.3	15	-23.1
12560	-5.6	62.6	15	-26.3
12570	-7.1	62.9	15	-35.6
12580	-8.0	63.2	14	-36.2
12590	-7.3	63.6	14	-40.7
12600	-8.4	64.1	13	-40.1
12610	-9.6	64.5	13	-53.2
12620	-9.1	65.1	12	-59.1
12630	-8.8	65.6	12	-58.5
12640	-9.9	66.2	11	-57.5
12650	-9.9	67.0	10	-75.6
12660	-9.5	67.6	10	-73.7
12670	-10.4	68.4	9	-70.8
12680	-10.6	69.3	8	-92.9
12690	-10.6	70.2	7	-98.7
12700	-11.7	71.1	6	-95.3
12710	-12.1	72.1	5	-91.5
12720	-11.7	73.2	4	-107.8
12730	-12.5	74.3	3	-114.4
12740	-12.1	75.5	2	-121.1
12750	-12.9	76.8	1	-127.7
12760	-13.2	78.1	-1	-134.7
12770	-12.6	79.5	-2	-141.8
12780	-12.2	81.0	-4	-148.8
12790	-12.6	82.5	-5	-155.4
12800	-12.9	84.1	-7	-161.8
12810	-12.2	85.8	-8	-169.3
12820	-13.6	87.5	-10	-175.4
12830	-13.6	89.3	-12	-182.8
12840	-12.2	91.2	-14	-189.8
12850	-12.9	93.2	-16	-196.2
12860	-13.4	95.2	-18	-202.3
12870	-12.5	97.2	-20	-208.9
12880	-10.7	99.4	-22	-215.9
12890	-11.3	101.6	-24	-221.2
12900	-10.8	103.8	-26	-226.8

12910	-11.3	106.0	-29	-208.4
12920	-33.6	108.2	-31	-182.6
12930	-44.1	109.9	-32	-166.3
12940	-30.6	111.4	-34	-147.4
12950	-21.8	112.5	-35	-107.2
12960	-26.4	113.4	-36	-87.0
12970	-24.5	114.2	-37	-70.8
12980	-18.6	114.8	-37	-50.8
12990	-17.6	115.2	-38	-45.7
13000	-16.3	115.6	-38	-40.4
13010	-13.4	115.9	-38	-29.8
13020	-10.6	116.2	-39	-26.0
13030	-9.4	116.4	-39	-19.1
13040	-7.3	116.6	-39	-16.7
13050	-6.1	116.7	-39	-12.5
13060	-6.0	116.8	-39	-9.0
13070	-5.6	116.9	-39	-8.2
13080	-4.7	117.0	-40	-5.5
13090	-3.7	117.0	-40	-5.0
13100	-3.0	117.1	-40	-4.2
13110	-1.5	117.1	-40	-2.9
13120	0.1	117.1	-40	-2.3
13130	0.1	117.1	-40	-1.8
13140	0.5	117.2	-40	-1.5
13150	0.7	117.2	-40	-1.3
13160	0.8	117.2	-40	-0.7
13170	4.1	117.2	-40	0.0
13180	6.1	117.2	-40	1.8
13190	0.1	117.1	-40	3.7
13200	0.4	117.1	-40	3.7
13210	5.2	117.0	-40	5.3
13220	3.1	117.0	-40	7.4
13230	2.3	116.9	-39	9.8
13240	5.0	116.8	-39	11.1
13250	3.7	116.7	-39	13.5
13260	2.7	116.5	-39	14.6
13270	4.1	116.4	-39	14.6
13280	4.2	116.2	-39	16.5
13290	3.3	116.0	-39	22.8
13300	4.1	115.8	-38	22.3
13310	4.5	115.5	-38	22.3
13320	3.9	115.3	-38	29.8
13330	4.3	115.0	-38	29.0
13340	4.7	114.7	-37	28.2
13350	4.3	114.3	-37	37.5
13360	4.3	114.0	-37	39.9
13370	4.3	113.6	-36	42.3
13380	3.9	113.2	-36	40.9
13390	4.2	112.8	-35	38.6
13400	4.1	112.3	-35	40.7
13410	3.9	111.8	-34	52.1
13420	4.3	111.4	-34	54.3
13430	4.2	110.8	-33	56.7
13440	3.9	110.3	-33	53.7

13450	4.3	109.8	-32	50.3
13460	4.5	109.2	-32	52.1
13470	4.5	108.6	-31	54.3
13480	4.3	108.0	-31	56.1
13490	4.6	107.4	-30	58.5
13500	4.5	106.7	-29	60.4
13510	5.2	106.0	-29	62.5
13520	4.9	105.3	-28	71.8
13530	4.3	104.5	-27	74.5
13540	4.7	103.8	-26	76.6
13550	5.3	103.0	-26	79.3
13560	4.9	102.2	-25	81.9
13570	5.0	101.3	-24	84.6
13580	5.3	100.4	-23	87.5
13590	5.3	99.5	-22	89.9
13600	5.6	98.6	-21	92.9
13610	5.3	97.7	-20	95.5
13620	5.3	96.7	-19	98.5
13630	5.4	95.7	-18	101.1
13640	5.3	94.7	-17	103.8
13650	5.6	93.6	-16	106.7
13660	5.3	92.5	-15	109.4
13670	5.2	91.4	-14	112.0
13680	5.4	90.3	-13	114.7
13690	5.6	89.1	-12	117.4
13700	5.3	87.9	-10	120.0
13710	4.7	86.7	-9	122.7
13720	5.4	85.4	-8	125.1
13730	5.4	84.2	-7	127.7
13740	5.3	82.9	-5	130.4
13750	5.3	81.5	-4	132.8
13760	6.1	80.2	-3	135.5
13770	6.0	78.8	-1	138.4
13780	5.3	77.4	0	141.3
13790	5.7	76.0	1	144.0
13800	6.5	74.5	3	146.6
13810	5.3	73.0	4	149.6
13820	9.6	71.5	6	159.7
13830	22.0	70.3	7	128.3
13840	17.1	69.1	8	123.7
13850	12.5	68.1	9	98.2
13860	16.1	67.2	10	86.5
13870	14.5	66.4	11	83.3
13880	13.2	65.7	12	59.6
13890	13.8	65.1	12	58.5
13900	10.7	64.6	13	51.3
13910	8.8	64.1	13	44.7
13920	9.6	63.7	14	39.1
13930	8.9	63.4	14	34.3
13940	7.6	63.1	14	29.8
13950	8.0	62.8	15	29.0
13960	8.4	62.6	15	23.1
13970	7.9	62.3	15	20.4
13980	7.7	62.2	15	16.2

13990	6.9	62.0	15	15.7
14000	5.8	61.9	16	13.5
14010	4.6	61.7	16	10.6
14020	3.5	61.6	16	10.6
14030	2.6	61.5	16	9.8
14040	1.4	61.5	16	7.7
14050	0.3	61.4	16	6.6
14060	0.0	61.3	16	6.6
14070	0.0	61.3	16	5.3
14080	-0.5	61.2	16	4.2
14090	-0.9	61.2	16	3.9
14100	-6.5	61.1	16	2.9
14110	-8.5	61.1	16	-1.5
14120	-2.6	61.2	16	-4.5
14130	-5.0	61.2	16	-5.3
14140	-9.6	61.3	16	-8.5
14150	-4.6	61.5	16	-14.1
14160	-6.1	61.6	16	-17.0
14170	-9.1	61.8	16	-18.1
14180	-5.0	62.0	15	-22.3
14190	-5.4	62.3	15	-24.4
14200	-8.3	62.6	15	-33.5
14210	-6.2	62.9	15	-34.8
14220	-6.4	63.3	14	-34.6
14230	-9.8	63.7	14	-46.3
14240	-9.4	64.2	13	-46.8
14250	-8.3	64.7	13	-46.3
14260	-10.2	65.3	12	-61.4
14270	-10.0	65.8	12	-61.2
14280	-9.4	66.5	11	-59.9
14290	-10.2	67.2	10	-64.4
14300	-11.0	68.0	9	-84.6
14310	-10.7	68.8	9	-91.3
14320	-11.3	69.6	8	-88.6
14330	-12.6	70.6	7	-84.6
14340	-12.6	71.5	6	-90.7
14350	-12.5	72.6	5	-97.1
14360	-13.3	73.8	4	-113.9
14370	-12.7	75.0	2	-121.6
14380	-12.5	76.2	1	-128.3
14390	-12.9	77.6	0	-135.2
14400	-12.9	79.0	-2	-142.1
14410	-12.2	80.5	-3	-149.6
14420	-12.2	82.0	-5	-155.7
14430	-12.6	83.6	-6	-162.6
14440	-12.9	85.3	-8	-169.0
14450	-14.0	87.0	-10	-175.7
14460	-13.2	88.8	-11	-183.1
14470	-13.0	90.7	-13	-190.0
14480	-12.7	92.7	-15	-196.4
14490	-11.7	94.7	-17	-202.8
14500	-12.2	96.8	-19	-209.5
14510	-11.4	98.9	-21	-215.9
14520	-10.4	101.1	-24	-221.7

14530	-10.4	103.4	-26	-226.5
14540	-12.2	105.5	-28	-208.4
14550	-27.0	107.8	-30	-190.6
14560	-43.4	109.6	-32	-174.1
14570	-35.4	111.2	-34	-154.6
14580	-20.5	112.3	-35	-112.3
14590	-25.0	113.2	-36	-91.0
14600	-24.5	114.0	-37	-74.0
14610	-18.6	114.7	-37	-53.2
14620	-15.3	115.2	-38	-47.6
14630	-15.5	115.6	-38	-42.3
14640	-12.6	115.9	-38	-30.8
14650	-9.4	116.2	-39	-22.8
14660	-7.1	116.4	-39	-22.0
14670	-5.7	116.5	-39	-15.9
14680	-4.9	116.7	-39	-11.7
14690	-4.5	116.8	-39	-11.4
14700	-4.6	116.9	-39	-8.5
14710	-4.2	116.9	-39	-5.8
14720	-2.8	117.0	-40	-5.3
14730	-2.0	117.0	-40	-3.9
14740	-0.8	117.1	-40	-3.4
14750	0.3	117.1	-40	-2.9
14760	0.4	117.1	-40	-2.3
14770	0.8	117.2	-40	-2.1
14780	0.9	117.2	-40	-1.3
14790	6.2	117.2	-40	-0.2
14800	7.3	117.2	-40	2.3
14810	0.5	117.1	-40	4.7
14820	0.5	117.1	-40	5.0
14830	6.1	117.0	-40	7.1
14840	3.0	116.9	-39	10.1
14850	2.3	116.8	-39	12.2
14860	5.3	116.7	-39	13.3
14870	3.5	116.6	-39	14.3
14880	3.0	116.4	-39	15.1
14890	5.0	116.2	-39	16.5
14900	4.1	116.0	-39	23.1
14910	3.3	115.8	-38	23.1
14920	4.5	115.5	-38	22.6
14930	4.1	115.3	-38	25.0
14940	3.4	115.0	-38	32.4
14950	4.3	114.7	-37	31.6
14960	4.2	114.3	-37	30.3
14970	3.5	114.0	-37	32.4
14980	4.1	113.6	-36	34.3
14990	3.9	113.2	-36	36.2
15000	3.8	112.8	-35	42.3
15010	4.1	112.4	-35	44.4
15020	4.2	111.9	-34	41.5
15030	3.9	111.4	-34	53.2
15040	3.9	110.9	-33	55.3
15050	3.8	110.4	-33	52.4
15060	3.5	109.9	-32	48.7

15070	3.8	109.3	-32	62.0
15080	4.1	108.7	-31	63.0
15090	4.2	108.1	-31	66.0
15100	4.3	107.5	-30	68.4
15110	4.3	106.8	-29	70.8
15120	4.3	106.2	-29	73.4
15130	4.6	105.5	-28	75.8
15140	4.5	104.8	-27	71.3
15150	4.3	104.1	-27	73.4
15160	4.7	103.3	-26	75.8
15170	4.5	102.5	-25	78.0
15180	4.2	101.7	-24	80.3
15190	5.2	100.9	-23	82.7
15200	4.5	100.1	-23	85.4
15210	4.9	99.2	-22	87.5
15220	5.6	98.3	-21	90.2
15230	4.9	97.4	-20	93.1
15240	4.5	96.4	-19	95.3
15250	4.7	95.5	-18	97.9
15260	4.7	94.5	-17	100.0
15270	4.6	93.4	-16	102.4
15280	4.9	92.4	-15	104.8
15290	4.3	91.3	-14	107.2
15300	4.6	90.2	-13	109.4
15310	5.4	89.1	-12	111.8
15320	5.2	88.0	-11	114.2
15330	4.6	86.8	-9	117.1
15340	4.7	85.6	-8	119.2
15350	4.5	84.4	-7	121.6
15360	4.5	83.2	-6	123.7
15370	4.5	81.9	-4	126.1
15380	4.9	80.7	-3	128.0
15390	4.9	79.4	-2	130.1
15400	4.9	78.1	-1	132.5
15410	4.3	76.7	1	134.7
15420	5.3	75.4	2	136.8
15430	5.4	74.0	3	139.2
15440	4.6	72.6	5	141.6
15450	13.2	71.3	6	131.7
15460	19.3	70.1	7	105.4
15470	13.0	69.0	8	103.5
15480	12.3	68.0	9	100.0
15490	14.9	67.2	10	72.9
15500	12.3	66.5	11	71.8
15510	12.6	65.8	12	63.0
15520	12.6	65.2	12	56.4
15530	9.6	64.7	13	49.2
15540	8.9	64.3	13	43.9
15550	9.5	63.9	14	38.8
15560	8.5	63.5	14	34.3
15570	7.9	63.2	14	26.8
15580	8.0	62.9	15	26.6
15590	8.3	62.7	15	21.2
15600	7.9	62.5	15	20.7

15610	8.0	62.3	15	20.4
15620	7.5	62.1	15	16.5
15630	6.4	62.0	15	14.6
15640	5.6	61.8	16	12.7
15650	4.7	61.7	16	11.4
15660	3.3	61.6	16	9.8
15670	2.8	61.5	16	7.4
15680	1.5	61.4	16	7.7
15690	0.0	61.4	16	7.1
15700	0.0	61.3	16	5.8
15710	-0.4	61.3	16	4.7
15720	-1.1	61.2	16	4.7
15730	-10.3	61.2	16	3.4
15740	-6.5	61.2	16	-2.3
15750	-1.8	61.2	16	-5.3
15760	-7.6	61.3	16	-6.3
15770	-8.5	61.4	16	-10.3
15780	-4.6	61.5	16	-15.7
15790	-8.5	61.7	16	-18.6
15800	-9.9	61.9	16	-23.4
15810	-5.7	62.1	15	-29.0
15820	-7.9	62.4	15	-29.8
15830	-9.9	62.7	15	-37.2
15840	-7.2	63.1	14	-43.1
15850	-8.3	63.5	14	-43.6
15860	-10.8	64.0	13	-43.3
15870	-9.4	64.5	13	-58.8
15880	-9.2	65.1	12	-58.5
15890	-10.7	65.7	12	-57.2
15900	-10.2	66.4	11	-76.4
15910	-9.6	67.2	10	-81.9
15920	-11.3	67.9	10	-79.6
15930	-11.3	68.7	9	-77.2
15940	-10.2	69.6	8	-82.5
15950	-11.7	70.7	7	-106.7
15960	-12.5	71.7	6	-113.4
15970	-11.3	72.7	5	-120.3
15980	-12.2	73.9	4	-115.2
15990	-13.0	75.1	2	-122.1
16000	-12.1	76.4	1	-128.8
16010	-12.5	77.7	0	-136.0
16020	-13.3	79.1	-2	-142.6
16030	-11.8	80.6	-3	-149.6
16040	-11.5	82.1	-5	-156.0
16050	-12.7	83.8	-6	-162.1
16060	-12.3	85.4	-8	-168.7
16070	-12.7	87.2	-10	-175.4
16080	-12.9	89.0	-12	-182.0
16090	-12.2	90.8	-13	-188.7
16100	-11.4	92.8	-15	-194.8
16110	-11.1	94.8	-17	-200.4
16120	-11.1	96.8	-19	-206.3
16130	-9.2	98.9	-21	-211.9
16140	-9.1	101.1	-24	-216.7

16150	-9.4	103.3	-26	-220.6
16160	-10.2	105.5	-28	-225.2
16170	-22.1	107.6	-30	-188.2
16180	-39.7	109.4	-32	-172.7
16190	-33.5	110.9	-33	-154.6
16200	-18.0	112.1	-35	-113.4
16210	-23.6	113.1	-36	-92.3
16220	-25.4	113.8	-36	-75.8
16230	-17.9	114.5	-37	-54.8
16240	-14.2	115.0	-38	-49.2
16250	-15.7	115.5	-38	-44.1
16260	-12.6	115.8	-38	-33.0
16270	-8.9	116.1	-39	-23.9
16280	-8.0	116.3	-39	-21.2
16290	-6.9	116.5	-39	-15.9
16300	-5.4	116.6	-39	-15.7
16310	-4.6	116.8	-39	-11.4
16320	-5.0	116.9	-39	-8.5
16330	-4.7	116.9	-39	-7.4
16340	-3.5	117.0	-40	-6.1
16350	-3.0	117.1	-40	-5.0
16360	-1.9	117.1	-40	-4.2
16370	-0.1	117.1	-40	-3.4
16380	0.1	117.2	-40	-2.3
16390	0.1	117.2	-40	-1.8
16400	0.4	117.2	-40	-1.5
16410	0.7	117.2	-40	-1.0
16420	0.7	117.2	-40	-0.7
16430	1.8	117.2	-40	0.0
16440	5.8	117.2	-40	1.0
16450	2.0	117.2	-40	2.9
16460	0.3	117.2	-40	3.4
16470	4.1	117.1	-40	4.2
16480	3.7	117.1	-40	5.5
16490	2.4	117.0	-40	7.4
16500	3.9	116.9	-39	10.3
16510	4.1	116.8	-39	12.7
16520	3.1	116.7	-39	14.9
16530	3.8	116.5	-39	15.4
16540	4.3	116.3	-39	19.1
16550	3.7	116.2	-39	19.7
16560	4.1	115.9	-38	19.7
16570	4.5	115.7	-38	26.3
16580	3.8	115.5	-38	26.3
16590	4.5	115.2	-38	25.8
16600	4.9	114.9	-37	27.6
16610	4.3	114.5	-37	30.3
16620	4.5	114.2	-37	32.2
16630	4.6	113.8	-36	34.3
16640	4.2	113.4	-36	36.4
16650	4.5	113.0	-36	46.8
16660	4.7	112.5	-35	45.2
16670	4.3	112.1	-35	42.5
16680	4.3	111.6	-34	44.7

16690	4.6	111.1	-34	46.5
16700	4.7	110.5	-33	59.6
16710	4.5	110.0	-33	56.7
16720	4.6	109.4	-32	59.1
16730	4.6	108.8	-31	55.1
16740	4.3	108.2	-31	56.9
16750	4.5	107.5	-30	59.3
16760	4.3	106.8	-29	61.2
16770	4.2	106.1	-29	63.3
16780	4.3	105.4	-28	72.4
16790	4.1	104.6	-27	74.8
16800	4.2	103.9	-26	76.9
16810	5.0	103.1	-26	79.0
16820	4.6	102.3	-25	81.4
16830	4.6	101.5	-24	83.5
16840	5.0	100.6	-23	85.9
16850	4.3	99.7	-22	88.6
16860	4.9	98.8	-21	90.7
16870	5.3	97.9	-20	93.4
16880	4.9	96.9	-19	95.8
16890	4.6	96.0	-19	98.5
16900	5.2	95.0	-18	100.8
16910	4.7	93.9	-16	103.5
16920	5.2	92.9	-15	105.6
16930	4.6	91.8	-14	108.3
16940	5.2	90.7	-13	110.4
16950	5.2	89.6	-12	112.8
16960	5.3	88.4	-11	115.5
16970	5.2	87.2	-10	118.2
16980	5.4	86.1	-9	120.5
16990	5.4	84.8	-7	123.2
17000	5.3	83.6	-6	125.9
17010	5.7	82.3	-5	128.3
17020	5.4	81.0	-4	131.2
17030	5.6	79.7	-2	133.6
17040	6.0	78.3	-1	136.5
17050	4.9	76.9	1	139.2
17060	5.7	75.5	2	141.8
17070	6.1	74.1	3	144.2
17080	5.2	72.7	5	132.3
17090	14.1	71.3	6	123.2
17100	21.2	69.9	8	133.3
17110	14.5	68.9	9	106.7
17120	13.4	67.9	10	93.7
17130	16.0	67.0	10	91.0
17140	13.2	66.3	11	72.6
17150	12.9	65.7	12	63.8
17160	13.0	65.1	12	61.7
17170	9.5	64.6	13	44.4
17180	8.7	64.1	13	43.3
17190	9.4	63.7	14	42.0
17200	8.3	63.4	14	33.2
17210	7.3	63.1	14	29.5
17220	7.6	62.8	15	23.1

17230	7.5	62.6	15	22.8
17240	7.1	62.4	15	18.1
17250	6.6	62.2	15	17.8
17260	5.4	62.0	15	14.1
17270	4.3	61.9	16	13.5
17280	2.6	61.7	16	11.9
17290	1.2	61.6	16	9.3
17300	0.5	61.5	16	9.0
17310	0.0	61.5	16	6.9
17320	0.0	61.4	16	6.9
17330	0.0	61.3	16	5.5
17340	-0.5	61.3	16	6.1
17350	-1.8	61.2	16	4.7
17360	-8.5	61.2	16	2.1
17370	-1.4	61.2	16	-1.3
17380	-2.8	61.2	16	-0.7
17390	-7.2	61.2	16	-2.6
17400	-3.5	61.3	16	-5.3
17410	-4.7	61.4	16	-7.1
17420	-6.5	61.5	16	-11.7
17430	-4.1	61.6	16	-15.1
17440	-4.6	61.7	16	-17.8
17450	-6.1	61.9	16	-18.9
17460	-5.3	62.1	15	-19.7
17470	-5.7	62.4	15	-27.1
17480	-7.9	62.6	15	-27.4
17490	-7.7	62.9	15	-28.7
17500	-7.5	63.3	14	-32.4
17510	-8.9	63.7	14	-36.4
17520	-9.2	64.1	13	-49.5
17530	-8.8	64.6	13	-54.8
17540	-9.1	65.1	12	-54.3
17550	-9.5	65.7	12	-53.5
17560	-9.6	66.4	11	-58.0
17570	-10.4	67.1	10	-76.4
17580	-11.0	67.8	10	-82.5
17590	-11.0	68.6	9	-88.9
17600	-11.4	69.5	8	-95.8
17610	-12.2	70.3	7	-92.6
17620	-12.3	71.3	6	-89.1
17630	-11.3	72.3	5	-95.0
17640	-11.3	73.5	4	-111.2
17650	-11.8	74.6	3	-117.9
17660	-11.1	75.9	2	-123.7
17670	-11.9	77.2	0	-129.9
17680	-12.5	78.5	-1	-136.5
17690	-12.3	79.9	-2	-142.9
17700	-11.9	81.4	-4	-149.6
17710	-12.5	82.9	-5	-156.2
17720	-12.7	84.5	-7	-162.3
17730	-11.9	86.2	-9	-169.3
17740	-12.3	88.0	-11	-175.7
17750	-12.5	89.8	-12	-182.0
17760	-10.6	91.6	-14	-188.7

17770	-11.0	93.6	-16	-194.3
17780	-12.7	95.6	-18	-199.6
17790	-11.7	97.6	-20	-205.7
17800	-9.2	99.7	-22	-212.1
17810	-10.8	101.9	-24	-216.9
17820	-10.7	104.1	-27	-221.7
17830	-9.9	106.2	-29	-204.1
17840	-34.4	108.3	-31	-175.7
17850	-41.9	110.0	-33	-160.7
17860	-26.7	111.4	-34	-143.2
17870	-20.6	112.5	-35	-104.8
17880	-26.2	113.4	-36	-85.9
17890	-22.8	114.1	-37	-76.9
17900	-15.7	114.7	-37	-56.4
17910	-15.6	115.2	-38	-45.5
17920	-15.1	115.6	-38	-33.5
17930	-10.8	115.9	-38	-32.4
17940	-8.4	116.1	-39	-24.4
17950	-7.6	116.4	-39	-17.8
17960	-5.6	116.5	-39	-15.9
17970	-3.9	116.7	-39	-13.0
17980	-3.9	116.8	-39	-11.4
17990	-4.1	116.9	-39	-8.5
18000	-3.5	116.9	-39	-7.4
18010	-2.6	117.0	-40	-5.5
18020	-1.8	117.0	-40	-4.2
18030	-0.5	117.1	-40	-3.7
18040	0.3	117.1	-40	-2.9
18050	0.5	117.1	-40	-2.9
18060	0.8	117.2	-40	-2.1
18070	0.9	117.2	-40	-1.5
18080	5.3	117.2	-40	-0.5
18090	6.2	117.2	-40	1.8
18100	0.5	117.1	-40	3.7
18110	0.8	117.1	-40	3.9
18120	5.3	117.0	-40	5.8
18130	2.4	117.0	-40	8.5
18140	2.3	116.9	-39	10.6
18150	5.7	116.8	-39	11.7
18160	3.5	116.6	-39	13.3
18170	2.8	116.5	-39	13.8
18180	5.0	116.3	-39	15.4
18190	3.9	116.1	-39	17.5
18200	3.3	115.9	-38	23.9
18210	5.0	115.7	-38	25.8
18220	4.3	115.4	-38	26.3
18230	3.5	115.2	-38	25.8
18240	4.6	114.9	-37	30.6
18250	4.5	114.5	-37	36.2
18260	4.3	114.2	-37	35.1
18270	4.7	113.8	-36	34.0
18280	4.5	113.4	-36	35.9
18290	4.5	113.0	-36	46.8
18300	5.0	112.6	-35	44.9

18310	5.2	112.1	-35	42.5
18320	4.3	111.6	-34	44.9
18330	4.6	111.1	-34	57.5
18340	5.3	110.5	-33	59.9
18350	4.7	110.0	-33	56.9
18360	4.9	109.4	-32	53.5
18370	5.0	108.8	-31	55.9
18380	4.9	108.1	-31	58.0
18390	5.4	107.5	-30	60.4
18400	5.3	106.8	-29	62.8
18410	5.2	106.1	-29	65.4
18420	5.4	105.3	-28	75.0
18430	5.0	104.5	-27	78.0
18440	4.9	103.7	-26	80.6
18450	5.6	102.9	-25	83.3
18460	5.3	102.0	-25	86.2
18470	5.8	101.2	-24	89.1
18480	6.0	100.2	-23	91.8
18490	5.4	99.3	-22	94.7
18500	5.6	98.3	-21	97.7
18510	5.8	97.3	-20	100.6
18520	5.6	96.3	-19	103.5
18530	5.6	95.3	-18	106.4
18540	5.8	94.2	-17	108.8
18550	5.8	93.1	-16	112.3
18560	5.6	91.9	-14	115.2
18570	5.7	90.7	-13	117.6
18580	6.1	89.5	-12	120.5
18590	6.1	88.3	-11	123.5
18600	5.8	87.0	-10	126.7
18610	5.7	85.8	-8	129.3
18620	5.7	84.4	-7	132.3
18630	6.1	83.1	-6	135.2
18640	5.7	81.7	-4	138.1
18650	6.1	80.3	-3	140.8
18660	6.1	78.9	-1	143.7
18670	5.2	77.4	0	146.6
18680	5.4	75.9	2	149.0
18690	6.6	74.4	3	152.0
18700	5.2	72.9	5	154.6
18710	11.1	71.5	6	132.8
18720	22.9	70.0	7	143.2
18730	16.7	68.9	9	113.9
18740	12.6	67.9	10	99.0
18750	17.0	67.0	10	95.5
18760	14.2	66.2	11	75.8
18770	12.3	65.5	12	66.0
18780	13.6	64.9	13	58.0
18790	10.4	64.4	13	50.5
18800	8.4	64.0	13	43.9
18810	9.2	63.6	14	34.3
18820	8.3	63.2	14	33.2
18830	6.6	62.9	15	28.7
18840	7.6	62.7	15	22.8

18850	8.1	62.4	15	22.3
18860	7.6	62.2	15	17.5
18870	8.0	62.0	15	17.0
18880	7.9	61.9	16	13.3
18890	6.4	61.8	16	13.0
18900	5.8	61.6	16	12.5
18910	5.8	61.5	16	9.5
18920	4.9	61.4	16	9.3
18930	4.2	61.4	16	7.1
18940	4.2	61.3	16	7.1
18950	3.7	61.2	16	5.5
18960	3.0	61.2	16	5.3
18970	2.4	61.1	16	4.2
18980	1.4	61.1	16	3.1
18990	0.0	61.1	16	3.1
19000	0.0	61.1	16	2.6
19010	-0.5	61.0	16	2.1
19020	-0.9	61.0	16	1.8
19030	-2.3	61.0	16	1.0
19040	-11.0	61.0	16	-1.5
19050	-2.6	61.0	16	-5.0
19060	-1.4	61.1	16	-5.8
19070	-9.2	61.2	16	-7.1
19080	-5.3	61.3	16	-10.9
19090	-3.0	61.4	16	-13.5
19100	-8.3	61.6	16	-18.9
19110	-6.8	61.8	16	-23.1
19120	-3.7	62.0	15	-24.7
19130	-7.5	62.3	15	-24.2
19140	-7.6	62.6	15	-33.5
19150	-4.2	63.0	14	-38.3
19160	-6.8	63.3	14	-37.8
19170	-8.8	63.7	14	-37.0
19180	-6.2	64.2	13	-50.0
19190	-7.3	64.6	13	-48.9
19200	-9.4	65.1	12	-47.3
19210	-7.5	65.7	12	-63.3
19220	-7.9	66.3	11	-61.7
19230	-10.2	67.0	10	-59.3
19240	-9.2	67.7	10	-63.8
19250	-9.1	68.4	9	-69.7
19260	-10.8	69.2	8	-72.9
19270	-10.7	70.1	7	-78.0
19280	-10.4	71.0	6	-82.7
19290	-11.1	71.9	6	-88.1
19300	-11.7	73.0	4	-102.2
19310	-11.4	74.1	3	-110.2
19320	-11.3	75.2	2	-116.6
19330	-12.3	76.5	1	-122.4
19340	-12.2	77.7	0	-129.6
19350	-12.3	79.1	-2	-136.0
19360	-12.5	80.5	-3	-143.2
19370	-12.1	82.0	-5	-149.6
19380	-12.2	83.5	-6	-156.0

19390	-12.7	85.1	-8	-162.3
19400	-13.2	86.8	-9	-169.0
19410	-12.2	88.5	-11	-176.2
19420	-12.6	90.4	-13	-182.6
19430	-12.1	92.2	-15	-189.0
19440	-11.5	94.2	-17	-195.6
19450	-12.7	96.2	-19	-201.7
19460	-12.1	98.2	-21	-207.9
19470	-9.8	100.4	-23	-213.7
19480	-10.2	102.5	-25	-219.1
19490	-11.1	104.8	-27	-224.1
19500	-14.2	107.0	-30	-243.5
19510	-39.3	108.8	-31	-183.9
19520	-38.8	110.5	-33	-162.9
19530	-21.0	111.7	-34	-121.6
19540	-23.9	112.8	-35	-107.8
19550	-26.4	113.6	-36	-80.6
19560	-20.5	114.3	-37	-65.4
19570	-15.6	114.9	-37	-57.7
19580	-16.8	115.3	-38	-43.1
19590	-14.1	115.7	-38	-34.8
19600	-11.0	116.0	-39	-28.2
19610	-9.8	116.2	-39	-20.7
19620	-8.8	116.4	-39	-20.4
19630	-7.1	116.6	-39	-14.9
19640	-6.0	116.7	-39	-10.9
19650	-6.6	116.8	-39	-10.1
19660	-6.2	116.9	-39	-7.1
19670	-4.5	116.9	-39	-6.9
19680	-3.7	117.0	-40	-5.0
19690	-3.1	117.0	-40	-3.7
19700	-1.9	117.1	-40	-3.1
19710	-0.7	117.1	-40	-2.3
19720	0.0	117.1	-40	-1.8
19730	0.0	117.2	-40	-1.5
19740	0.3	117.2	-40	-1.3
19750	0.5	117.2	-40	-1.0
19760	0.5	117.2	-40	-0.7
19770	0.5	117.2	-40	-0.2
19780	0.7	117.2	-40	0.0
19790	1.5	117.2	-40	-0.5
19800	5.6	117.2	-40	1.0
19810	3.3	117.2	-40	3.4
19820	1.6	117.1	-40	5.0
19830	4.1	117.1	-40	6.6
19840	3.9	117.0	-40	7.7
19850	2.7	116.9	-39	10.1
19860	4.1	116.8	-39	10.3
19870	4.3	116.7	-39	12.2
19880	3.0	116.5	-39	17.8
19890	3.8	116.3	-39	19.4
19900	4.5	116.1	-39	21.5
19910	3.5	115.9	-38	22.0
19920	3.9	115.7	-38	21.5

19930	4.7	115.4	-38	23.9
19940	4.5	115.1	-38	26.0
19950	4.3	114.8	-37	28.2
19960	4.3	114.5	-37	37.0
19970	4.2	114.1	-37	39.4
19980	4.2	113.8	-36	41.2
19990	4.2	113.4	-36	44.1
20000	4.2	113.0	-36	42.5
20010	4.2	112.5	-35	40.1
20020	4.5	112.1	-35	42.8
20030	4.5	111.6	-34	44.1
20040	4.5	111.1	-34	46.3
20050	4.7	110.5	-33	59.1
20060	4.2	110.0	-33	60.9
20070	4.2	109.4	-32	64.1
20080	4.6	108.8	-31	66.5
20090	4.3	108.2	-31	68.9
20100	4.2	107.5	-30	71.6
20110	4.5	106.8	-29	74.0
20120	4.5	106.2	-29	76.1
20130	4.5	105.4	-28	78.5
20140	4.6	104.7	-27	73.7
20150	4.6	104.0	-27	76.4
20160	5.0	103.2	-26	78.8
20170	4.9	102.4	-25	81.1
20180	4.6	101.5	-24	83.5
20190	5.0	100.7	-23	85.9
20200	4.7	99.8	-22	88.6
20210	4.6	98.9	-21	91.3
20220	4.7	98.0	-21	93.7
20230	5.0	97.0	-20	96.1
20240	4.6	96.0	-19	98.5
20250	4.7	95.0	-18	100.8
20260	5.0	94.0	-17	103.2
20270	4.6	93.0	-16	105.4
20280	4.5	91.9	-14	107.8
20290	4.5	90.8	-13	109.9
20300	4.2	89.7	-12	112.3
20310	4.6	88.5	-11	114.2
20320	4.5	87.4	-10	116.3
20330	4.1	86.2	-9	118.4
20340	4.9	85.0	-8	120.5
20350	4.6	83.8	-6	122.7
20360	4.7	82.5	-5	124.8
20370	4.9	81.3	-4	127.2
20380	5.0	80.0	-3	129.1
20390	5.0	78.7	-1	131.5
20400	4.3	77.3	0	134.1
20410	4.9	76.0	1	136.0
20420	5.7	74.6	3	138.7
20430	4.3	73.2	4	141.0
20440	6.5	71.9	6	124.8
20450	18.8	70.5	7	136.0
20460	16.0	69.5	8	109.9

20470	11.1	68.5	9	96.9
20480	14.5	67.6	10	76.9
20490	13.7	66.8	11	76.1
20500	11.5	66.1	11	67.0
20510	12.3	65.5	12	53.2
20520	10.7	64.9	13	52.7
20530	8.5	64.5	13	46.3
20540	8.7	64.0	13	40.9
20550	8.7	63.7	14	32.4
20560	7.5	63.3	14	31.9
20570	7.6	63.0	14	27.9
20580	8.1	62.8	15	22.3
20590	7.5	62.6	15	22.0
20600	7.5	62.3	15	17.8
20610	7.2	62.2	15	17.3
20620	6.1	62.0	15	15.4
20630	5.6	61.9	16	13.5
20640	4.5	61.7	16	11.9
20650	3.5	61.6	16	9.5
20660	3.0	61.5	16	9.3
20670	2.0	61.5	16	7.1
20680	1.2	61.4	16	7.1
20690	0.7	61.3	16	6.1
20700	0.0	61.3	16	5.0
20710	0.0	61.2	16	5.3
20720	-0.1	61.2	16	3.9
20730	-0.8	61.1	16	3.1
20740	-2.3	61.1	16	3.1
20750	-11.4	61.1	16	0.2
20760	-3.3	61.1	16	-3.4
20770	-0.9	61.2	16	-4.5
20780	-9.4	61.2	16	-5.8
20790	-5.0	61.3	16	-9.3
20800	-2.3	61.4	16	-13.3
20810	-7.9	61.6	16	-14.9
20820	-6.5	61.8	16	-16.5
20830	-2.8	62.0	15	-19.9
20840	-7.6	62.2	15	-26.3
20850	-8.3	62.5	15	-27.6
20860	-5.2	62.8	15	-28.7
20870	-8.5	63.1	14	-38.8
20880	-10.4	63.5	14	-39.6
20890	-8.3	63.9	14	-40.4
20900	-9.1	64.4	13	-44.7
20910	-11.7	65.0	12	-59.9
20920	-9.9	65.5	12	-60.4
20930	-9.6	66.2	11	-59.3
20940	-11.8	66.9	11	-78.2
20950	-10.7	67.7	10	-84.6
20960	-9.9	68.5	9	-91.0
20970	-11.7	69.4	8	-97.4
20980	-12.2	70.3	7	-103.8
20990	-11.7	71.3	6	-110.4
21000	-12.2	72.3	5	-117.9

21010	-12.7	73.5	4	-124.3
21020	-12.7	74.6	3	-120.3
21030	-12.3	75.9	2	-126.9
21040	-13.2	77.2	0	-133.6
21050	-13.0	78.6	-1	-140.8
21060	-12.3	80.1	-3	-148.0
21070	-12.5	81.6	-4	-154.4
21080	-12.6	83.2	-6	-161.0
21090	-12.9	84.8	-7	-167.7
21100	-13.4	86.6	-9	-174.3
21110	-12.9	88.4	-11	-181.2
21120	-13.3	90.2	-13	-188.2
21130	-12.2	92.2	-15	-194.8
21140	-12.2	94.2	-17	-201.7
21150	-13.7	96.2	-19	-208.1
21160	-12.6	98.4	-21	-215.1
21170	-10.6	100.6	-23	-221.2
21180	-11.4	102.8	-25	-226.5
21190	-13.2	105.1	-28	-232.1
21200	-21.3	107.4	-30	-245.9
21210	-44.9	109.2	-32	-183.6
21220	-42.6	110.8	-33	-149.3
21230	-23.3	112.1	-35	-107.0
21240	-28.9	113.1	-36	-96.1
21250	-30.4	113.9	-36	-78.2
21260	-23.9	114.6	-37	-56.1
21270	-20.1	115.1	-38	-50.3
21280	-20.3	115.6	-38	-36.7
21290	-17.8	115.9	-38	-33.0
21300	-15.1	116.2	-39	-23.6
21310	-13.3	116.4	-39	-23.4
21320	-12.1	116.6	-39	-17.0
21330	-10.6	116.7	-39	-12.5
21340	-10.2	116.9	-39	-12.2
21350	-10.7	116.9	-39	-9.0
21360	-9.2	117.0	-40	-7.7
21370	-7.5	117.1	-40	-5.5
21380	-6.2	117.1	-40	-3.9
21390	-4.9	117.2	-40	-3.1
21400	-3.1	117.2	-40	-3.1
21410	-1.9	117.2	-40	-2.1
21420	-0.9	117.2	-40	-1.8
21430	0.0	117.3	-40	-1.0
21440	0.3	117.3	-40	-0.7
21450	0.4	117.3	-40	-0.7
21460	0.5	117.3	-40	-0.2
21470	0.5	117.3	-40	-0.2
21480	0.5	117.3	-40	0.2
21490	0.8	117.3	-40	-0.2
21500	3.5	117.3	-40	0.5
21510	6.2	117.2	-40	3.1
21520	2.2	117.2	-40	6.1
21530	2.3	117.1	-40	7.4
21540	5.6	117.1	-40	9.0

21550	3.4	116.9	-39	11.9
21560	2.8	116.8	-39	14.3
21570	4.7	116.7	-39	15.9
21580	3.0	116.5	-39	17.0
21590	2.7	116.3	-39	16.5
21600	4.9	116.1	-39	18.1
21610	3.9	115.9	-38	20.4
21620	3.3	115.7	-38	27.4
21630	4.5	115.4	-38	26.6
21640	4.5	115.1	-38	26.0
21650	3.8	114.8	-37	34.6
21660	4.2	114.5	-37	36.7
21670	4.1	114.1	-37	39.1
21680	3.7	113.8	-36	37.5
21690	4.1	113.4	-36	39.6
21700	4.2	113.0	-36	37.8
21710	4.1	112.5	-35	48.4
21720	4.3	112.1	-35	50.8
21730	4.1	111.6	-34	48.4
21740	3.9	111.1	-34	45.2
21750	4.9	110.6	-33	47.3
21760	4.5	110.0	-33	49.5
21770	4.3	109.5	-32	51.3
21780	4.5	108.9	-31	65.2
21790	4.3	108.2	-31	67.6
21800	4.7	107.6	-30	70.2
21810	4.9	107.0	-30	72.9
21820	5.0	106.3	-29	75.8
21830	5.3	105.6	-28	78.5
21840	5.4	104.8	-27	74.2
21850	5.3	104.1	-27	76.9
21860	5.4	103.3	-26	79.8
21870	5.3	102.5	-25	82.7
21880	5.3	101.6	-24	85.4
21890	5.6	100.7	-23	88.1
21900	5.0	99.8	-22	91.0
21910	5.3	98.9	-21	93.7
21920	5.8	97.9	-20	96.6
21930	5.4	97.0	-20	99.3
21940	5.3	95.9	-18	102.2
21950	5.8	94.9	-17	104.8
21960	5.2	93.8	-16	107.8
21970	5.4	92.7	-15	110.4
21980	5.6	91.6	-14	113.1
21990	5.0	90.5	-13	115.8
22000	5.3	89.3	-12	118.4
22010	5.7	88.1	-11	121.1
22020	5.2	86.8	-9	124.0
22030	5.4	85.6	-8	126.4
22040	5.6	84.3	-7	129.3
22050	5.7	83.0	-6	132.0
22060	5.6	81.6	-4	134.9
22070	6.1	80.3	-3	137.6
22080	6.0	78.9	-1	140.2

22090	5.3	77.5	0	142.9
22100	5.6	76.0	1	145.3
22110	6.2	74.5	3	148.5
22120	5.2	73.0	4	151.2
22130	9.8	71.5	6	161.3
22140	22.2	70.3	7	129.6
22150	17.1	69.0	8	112.8
22160	12.5	68.1	9	99.0
22170	16.3	67.2	10	87.0
22180	14.8	66.4	11	68.1
22190	13.2	65.7	12	66.5
22200	13.7	65.1	12	58.3
22210	10.2	64.6	13	51.3
22220	8.4	64.1	13	39.9
22230	9.5	63.7	14	39.1
22240	8.5	63.3	14	30.6
22250	6.9	63.0	14	29.5
22260	6.9	62.8	15	26.0
22270	7.1	62.5	15	20.2
22280	6.1	62.3	15	19.9
22290	5.7	62.1	15	17.3
22300	4.7	62.0	15	13.8
22310	3.3	61.8	16	13.3
22320	1.6	61.7	16	12.7
22330	0.5	61.6	16	10.1
22340	0.0	61.5	16	9.5
22350	0.0	61.5	16	7.4
22360	-0.3	61.4	16	7.1
22370	-0.9	61.3	16	5.8
22380	-9.9	61.3	16	4.2
22390	-5.3	61.3	16	-0.5
22400	-1.5	61.3	16	-2.1
22410	-7.1	61.3	16	-3.1
22420	-7.2	61.4	16	-6.3
22430	-3.4	61.5	16	-9.5
22440	-7.5	61.6	16	-11.7
22450	-7.7	61.8	16	-18.1
22460	-4.2	61.9	16	-22.6
22470	-7.1	62.2	15	-22.8
22480	-8.1	62.4	15	-23.9
22490	-5.0	62.7	15	-27.6
22500	-7.3	63.1	14	-37.2
22510	-9.4	63.4	14	-37.8
22520	-7.7	63.8	14	-38.3
22530	-8.3	64.3	13	-42.0
22540	-10.4	64.8	13	-56.4
22550	-9.4	65.3	12	-56.4
22560	-8.8	65.9	12	-61.7
22570	-11.1	66.6	11	-59.9
22580	-10.3	67.3	10	-72.1
22590	-9.8	68.1	9	-85.4
22600	-11.4	68.9	9	-83.0
22610	-11.0	69.7	8	-79.8
22620	-11.0	70.7	7	-84.9

22630	-12.1	71.7	6	-90.5
22640	-11.7	72.7	5	-95.8
22650	-11.4	73.9	4	-112.6
22660	-11.7	75.1	2	-119.2
22670	-11.9	76.3	1	-125.1
22680	-11.8	77.6	0	-132.0
22690	-11.9	79.0	-2	-137.9
22700	-11.7	80.4	-3	-144.8
22710	-11.0	81.9	-4	-150.6
22720	-11.7	83.4	-6	-156.8
22730	-12.2	85.1	-8	-162.6
22740	-12.7	86.7	-9	-168.7
22750	-12.2	88.5	-11	-175.7
22760	-12.5	90.3	-13	-181.8
22770	-11.5	92.1	-15	-188.2
22780	-11.3	94.1	-17	-194.6
22790	-12.7	96.1	-19	-200.4
22800	-11.9	98.1	-21	-206.5
22810	-9.8	100.2	-23	-212.4
22820	-10.8	102.4	-25	-217.5
22830	-11.7	104.6	-27	-223.3
22840	-13.7	106.8	-29	-245.4
22850	-40.3	108.7	-31	-187.1
22860	-41.9	110.4	-33	-168.2
22870	-25.1	111.6	-34	-124.5
22880	-26.7	112.7	-35	-100.6
22890	-28.1	113.6	-36	-81.4
22900	-23.5	114.3	-37	-66.8
22910	-19.7	114.9	-37	-59.1
22920	-19.7	115.3	-38	-39.6
22930	-16.8	115.7	-38	-35.9
22940	-14.1	116.0	-39	-26.0
22950	-12.9	116.2	-39	-23.4
22960	-11.3	116.4	-39	-17.3
22970	-9.2	116.6	-39	-16.7
22980	-8.4	116.7	-39	-12.5
22990	-8.5	116.8	-39	-9.0
23000	-7.3	116.9	-39	-8.7
23010	-5.4	117.0	-40	-6.3
23020	-4.1	117.1	-40	-5.8
23030	-3.0	117.1	-40	-4.7
23040	-1.4	117.1	-40	-3.7
23050	0.0	117.2	-40	-2.6
23060	0.0	117.2	-40	-2.3
23070	0.3	117.2	-40	-1.8
23080	0.7	117.2	-40	-1.5
23090	0.7	117.2	-40	-1.0
23100	1.1	117.2	-40	-0.2
23110	6.1	117.2	-40	0.5
23120	3.4	117.2	-40	2.9
23130	0.0	117.2	-40	4.5
23140	3.4	117.1	-40	4.5
23150	4.6	117.1	-40	6.3
23160	2.2	117.0	-40	9.3

23170	3.3	116.9	-39	9.5
23180	4.9	116.8	-39	12.7
23190	3.4	116.7	-39	13.8
23200	3.1	116.5	-39	14.1
23210	4.2	116.3	-39	15.7
23220	3.1	116.2	-39	17.5
23230	3.3	115.9	-38	23.4
23240	4.3	115.7	-38	25.2
23250	3.7	115.5	-38	28.2
23260	3.8	115.2	-38	27.6
23270	4.7	114.9	-37	29.5
23280	4.3	114.6	-37	29.0
23290	4.3	114.2	-37	38.0
23300	4.7	113.9	-36	40.4
23310	4.3	113.5	-36	43.1
23320	4.2	113.1	-36	41.2
23330	4.5	112.7	-35	39.4
23340	4.6	112.2	-35	41.2
23350	4.6	111.7	-34	53.2
23360	4.5	111.2	-34	55.1
23370	4.5	110.7	-33	58.3
23380	4.9	110.1	-33	60.1
23390	4.6	109.6	-32	63.6
23400	4.3	109.0	-32	66.2
23410	4.2	108.3	-31	68.9
23420	4.5	107.7	-30	71.0
23430	4.1	107.0	-30	73.4
23440	4.2	106.4	-29	75.6
23450	4.6	105.7	-28	78.0
23460	4.3	104.9	-27	73.2
23470	4.3	104.2	-27	75.6
23480	5.0	103.4	-26	77.7
23490	4.7	102.6	-25	80.3
23500	4.2	101.8	-24	83.0
23510	5.2	100.9	-23	85.1
23520	4.6	100.1	-23	87.8
23530	4.7	99.2	-22	90.2
23540	5.2	98.2	-21	92.9
23550	4.3	97.3	-20	95.3
23560	4.5	96.3	-19	97.4
23570	5.3	95.3	-18	99.8
23580	4.7	94.3	-17	102.4
23590	5.2	93.3	-16	104.8
23600	4.9	92.2	-15	107.8
23610	5.0	91.1	-14	109.9
23620	5.0	90.0	-13	112.6
23630	5.3	88.9	-11	114.7
23640	5.0	87.7	-10	117.4
23650	5.2	86.5	-9	119.8
23660	5.6	85.3	-8	122.4
23670	4.9	84.0	-7	125.1
23680	5.4	82.8	-5	127.7
23690	5.2	81.5	-4	130.4
23700	5.3	80.1	-3	132.8

23710	5.7	78.8	-1	135.5
23720	5.0	77.4	0	137.9
23730	5.0	76.0	1	140.2
23740	6.1	74.6	3	142.9
23750	5.0	73.1	4	145.6
23760	7.6	71.8	6	128.5
23770	20.3	70.4	7	139.2
23780	16.5	69.3	8	112.0
23790	11.8	68.3	9	97.7
23800	14.9	67.4	10	86.5
23810	14.2	66.6	11	68.4
23820	12.5	65.9	12	66.8
23830	12.3	65.3	12	58.8
23840	9.9	64.8	13	51.9
23850	8.4	64.3	13	45.5
23860	8.9	63.9	14	35.9
23870	8.4	63.5	14	35.1
23880	7.2	63.2	14	30.8
23890	7.1	62.9	15	24.2
23900	7.6	62.7	15	23.9
23910	7.1	62.5	15	18.9
23920	6.6	62.3	15	18.6
23930	6.2	62.1	15	14.6
23940	5.0	62.0	15	14.3
23950	3.9	61.8	16	13.8
23960	3.0	61.7	16	11.1
23970	1.8	61.6	16	9.5
23980	1.2	61.5	16	7.4
23990	0.1	61.5	16	7.1
24000	0.0	61.4	16	7.1
24010	0.0	61.3	16	5.5
24020	-0.3	61.3	16	4.5
24030	-0.8	61.2	16	4.7
24040	-3.1	61.2	16	3.4
24050	-7.5	61.2	16	0.7
24060	-1.2	61.2	16	-1.8
24070	-3.3	61.2	16	-1.5
24080	-6.0	61.2	16	-3.9
24090	-2.8	61.3	16	-7.4
24100	-5.3	61.4	16	-9.5
24110	-6.6	61.5	16	-11.4
24120	-4.6	61.6	16	-13.5
24130	-6.2	61.8	16	-15.7
24140	-7.9	62.0	15	-22.8
24150	-6.5	62.2	15	-24.4
24160	-7.1	62.5	15	-28.2
24170	-8.8	62.8	15	-35.4
24180	-8.4	63.2	14	-36.7
24190	-8.7	63.6	14	-41.5
24200	-10.3	64.0	13	-41.7
24210	-10.2	64.6	13	-56.7
24220	-10.0	65.1	12	-62.2
24230	-10.4	65.7	12	-62.2
24240	-11.3	66.4	11	-61.4

24250	-11.1	67.1	10	-66.5
24260	-11.5	67.9	10	-71.8
24270	-11.9	68.8	9	-94.5
24280	-11.4	69.6	8	-91.8
24290	-12.1	70.6	7	-88.1
24300	-12.2	71.6	6	-93.7
24310	-11.5	72.7	5	-99.5
24320	-11.9	73.9	4	-116.6
24330	-11.9	75.1	2	-123.5
24340	-11.8	76.4	1	-129.6
24350	-12.2	77.7	0	-136.3
24360	-12.3	79.2	-2	-142.4
24370	-11.7	80.6	-3	-149.6
24380	-11.4	82.2	-5	-155.7
24390	-11.9	83.8	-6	-161.8
24400	-11.9	85.4	-8	-167.9
24410	-13.0	87.2	-10	-174.1
24420	-12.6	89.0	-12	-180.7
24430	-11.8	90.8	-13	-187.1
24440	-12.1	92.7	-15	-193.5
24450	-11.9	94.7	-17	-199.1
24460	-12.2	96.8	-19	-206.0
24470	-11.8	98.9	-21	-212.4
24480	-11.5	101.0	-24	-218.0
24490	-11.9	103.3	-26	-224.1
24500	-13.3	105.5	-28	-230.0
24510	-27.5	107.6	-30	-191.6
24520	-45.6	109.5	-32	-175.1
24530	-37.3	111.1	-34	-156.0
24540	-23.5	112.2	-35	-113.6
24550	-28.2	113.2	-36	-92.3
24560	-27.3	114.0	-37	-82.2
24570	-21.6	114.6	-37	-60.1
24580	-19.4	115.1	-38	-53.2
24590	-19.5	115.5	-38	-39.4
24600	-16.7	115.9	-38	-34.8
24610	-14.2	116.1	-39	-25.5
24620	-13.4	116.4	-39	-20.4
24630	-11.9	116.5	-39	-16.5
24640	-10.8	116.7	-39	-13.5
24650	-10.7	116.8	-39	-11.9
24660	-10.3	116.9	-39	-8.7
24670	-8.9	117.0	-40	-6.1
24680	-7.7	117.0	-40	-6.1
24690	-6.9	117.1	-40	-4.5
24700	-5.3	117.1	-40	-3.1
24710	-3.7	117.1	-40	-2.6
24720	-2.7	117.2	-40	-1.8
24730	-2.2	117.2	-40	-1.8
24740	-1.5	117.2	-40	-1.5
24750	-0.8	117.2	-40	-1.3
24760	-1.1	117.2	-40	-1.0
24770	-1.4	117.2	-40	-0.5
24780	-0.8	117.2	-40	-0.5

24790	0.0	117.2	-40	-0.2
24800	0.3	117.2	-40	-0.2
24810	0.5	117.2	-40	0.0
24820	0.7	117.2	-40	0.0
24830	0.8	117.2	-40	0.2
24840	0.9	117.2	-40	0.2
24850	3.9	117.2	-40	0.5
24860	6.6	117.2	-40	3.4
24870	0.7	117.1	-40	5.5
24880	0.5	117.1	-40	6.1
24890	5.4	117.0	-40	6.6
24900	2.6	116.9	-39	9.8
24910	1.9	116.8	-39	12.2
24920	5.2	116.7	-39	12.2
24930	3.7	116.5	-39	16.2
24940	2.3	116.4	-39	16.7
24950	4.7	116.2	-39	18.1
24960	4.6	116.0	-39	18.6
24970	3.5	115.8	-38	25.5
24980	5.0	115.5	-38	25.5
24990	5.2	115.3	-38	25.2
25000	4.2	114.9	-37	33.5
25010	4.9	114.6	-37	33.0
25020	5.3	114.3	-37	35.6
25030	4.6	113.9	-36	38.6
25040	5.2	113.5	-36	40.9
25050	5.6	113.1	-36	39.1
25060	5.3	112.6	-35	50.8
25070	5.4	112.1	-35	48.9
25080	5.3	111.6	-34	46.5
25090	5.2	111.1	-34	59.9
25100	5.4	110.5	-33	56.9
25110	5.2	109.9	-32	54.0
25120	5.2	109.3	-32	68.6
25130	5.3	108.6	-31	71.6
25140	5.2	108.0	-31	74.8
25150	5.0	107.3	-30	77.7
25160	5.2	106.5	-29	80.3
25170	5.0	105.8	-28	83.3
25180	4.9	105.0	-28	78.2
25190	4.3	104.2	-27	80.9
25200	5.2	103.4	-26	83.3
25210	5.3	102.5	-25	85.9
25220	4.5	101.7	-24	88.6
25230	5.4	100.8	-23	91.0
25240	5.2	99.8	-22	93.4
25250	4.9	98.9	-21	96.1
25260	5.7	97.9	-20	98.7
25270	5.8	96.9	-19	101.6
25280	4.9	95.8	-18	104.6
25290	5.4	94.8	-17	107.2
25300	5.8	93.7	-16	109.6
25310	5.2	92.6	-15	112.6
25320	5.3	91.4	-14	115.2

25330	5.6	90.2	-13	117.9
25340	5.7	89.0	-12	120.3
25350	6.1	87.8	-10	123.2
25360	5.6	86.6	-9	125.9
25370	5.3	85.3	-8	128.8
25380	5.7	84.0	-7	131.5
25390	6.1	82.6	-5	134.1
25400	5.4	81.3	-4	137.3
25410	6.2	79.9	-2	140.0
25420	6.2	78.5	-1	143.2
25430	4.7	77.0	0	145.8
25440	5.8	75.5	2	148.2
25450	6.4	74.0	3	151.2
25460	5.0	72.6	5	138.4
25470	15.7	71.1	6	127.5
25480	22.4	69.8	8	125.1
25490	14.2	68.7	9	99.5
25500	13.3	67.7	10	95.0
25510	17.4	66.8	11	91.8
25520	13.2	66.1	11	72.6
25530	12.1	65.4	12	63.3
25540	13.4	64.8	13	55.9
25550	9.9	64.3	13	53.5
25560	8.7	63.9	14	37.8
25570	9.4	63.5	14	37.0
25580	8.1	63.2	14	35.4
25590	6.8	62.9	15	27.9
25600	7.6	62.6	15	24.4
25610	8.0	62.4	15	19.4
25620	7.2	62.2	15	18.9
25630	7.1	62.0	15	18.3
25640	6.8	61.9	16	14.3
25650	5.3	61.8	16	12.5
25660	3.8	61.6	16	9.8
25670	2.7	61.6	16	9.3
25680	1.2	61.5	16	7.9
25690	0.0	61.4	16	6.3
25700	0.0	61.3	16	6.1
25710	0.0	61.3	16	5.0
25720	-0.4	61.2	16	5.3
25730	-0.8	61.2	16	3.9
25740	-2.6	61.1	16	3.1
25750	-7.5	61.1	16	0.5
25760	-1.2	61.1	16	-1.5
25770	-3.0	61.2	16	-2.1
25780	-6.6	61.2	16	-4.2
25790	-3.8	61.3	16	-6.9
25800	-5.0	61.3	16	-7.9
25810	-7.6	61.4	16	-10.6
25820	-5.7	61.6	16	-14.3
25830	-6.4	61.8	16	-16.7
25840	-8.9	62.0	15	-24.7
25850	-7.7	62.2	15	-26.6
25860	-7.9	62.5	15	-27.9

25870	-9.9	62.9	15	-39.1
25880	-9.6	63.3	14	-44.7
25890	-9.2	63.7	14	-46.0
25900	-10.7	64.2	13	-45.7
25910	-10.7	64.8	13	-62.0
25920	-9.8	65.4	12	-61.7
25930	-10.3	66.0	11	-60.4
25940	-11.1	66.8	11	-80.3
25950	-10.6	67.5	10	-78.2
25960	-11.0	68.3	9	-75.3
25970	-11.4	69.2	8	-82.2
25980	-10.8	70.2	7	-85.9
25990	-11.7	71.2	6	-91.3
26000	-11.7	72.2	5	-97.1
26010	-11.1	73.4	4	-113.4
26020	-11.4	74.6	3	-119.8
26030	-10.8	75.8	2	-125.6
26040	-10.8	77.1	0	-131.5
26050	-11.3	78.5	-1	-137.1
26060	-11.3	79.9	-2	-143.4
26070	-10.7	81.4	-4	-149.0
26080	-11.0	82.9	-5	-154.9
26090	-11.5	84.5	-7	-160.5
26100	-11.0	86.2	-9	-166.6
26110	-11.1	87.9	-10	-172.5
26120	-11.4	89.6	-12	-178.1
26130	-9.5	91.5	-14	-184.2
26140	-9.6	93.3	-16	-189.2
26150	-10.8	95.3	-18	-193.8
26160	-9.6	97.2	-20	-198.8
26170	-8.1	99.3	-22	-203.9
26180	-9.4	101.3	-24	-208.1
26190	-8.9	103.5	-26	-212.1
26200	-9.4	105.5	-28	-194.8
26210	-23.5	107.6	-30	-179.1
26220	-37.8	109.3	-32	-165.5
26230	-29.6	110.8	-33	-149.6
26240	-17.5	111.9	-34	-111.0
26250	-23.5	112.9	-35	-91.5
26260	-23.7	113.7	-36	-75.6
26270	-15.6	114.3	-37	-55.1
26280	-13.2	114.9	-37	-50.0
26290	-15.3	115.3	-38	-45.5
26300	-11.8	115.7	-38	-34.0
26310	-8.3	115.9	-38	-25.0
26320	-8.3	116.2	-39	-22.8
26330	-6.9	116.4	-39	-20.4
26340	-5.3	116.5	-39	-15.1
26350	-4.2	116.7	-39	-11.4
26360	-4.3	116.8	-39	-11.1
26370	-3.9	116.9	-39	-8.5
26380	-3.3	116.9	-39	-5.8
26390	-2.3	117.0	-40	-6.1
26400	-1.4	117.1	-40	-4.5

26410	-0.4	117.1	-40	-3.4
26420	0.1	117.1	-40	-2.6
26430	0.3	117.1	-40	-2.1
26440	0.7	117.2	-40	-2.3
26450	0.7	117.2	-40	-1.5
26460	1.2	117.2	-40	-1.3
26470	5.8	117.2	-40	0.0
26480	3.3	117.2	-40	1.8
26490	-0.3	117.2	-40	3.7
26500	2.7	117.1	-40	3.1
26510	4.3	117.1	-40	4.5
26520	1.9	117.0	-40	6.3
26530	2.8	116.9	-39	7.4
26540	4.7	116.8	-39	9.0
26550	3.1	116.7	-39	10.9
26560	2.7	116.6	-39	12.5
26570	4.5	116.4	-39	14.1
26580	3.5	116.3	-39	17.8
26590	3.0	116.1	-39	19.7
26600	4.6	115.9	-38	19.4
26610	4.3	115.6	-38	21.5
26620	3.7	115.4	-38	29.0
26630	5.2	115.1	-38	28.2
26640	4.9	114.8	-37	31.1
26650	3.9	114.5	-37	30.0
26660	4.9	114.1	-37	32.2
26670	4.9	113.7	-36	34.6
26680	4.1	113.3	-36	36.7
26690	4.5	112.9	-35	47.3
26700	4.7	112.5	-35	45.5
26710	4.5	112.0	-35	43.1
26720	4.7	111.5	-34	45.2
26730	5.0	110.9	-33	58.0
26740	4.6	110.4	-33	55.3
26750	4.7	109.9	-32	51.9
26760	4.9	109.3	-32	54.3
26770	4.7	108.6	-31	62.5
26780	4.7	108.0	-31	71.3
26790	4.9	107.3	-30	74.0
26800	4.6	106.6	-29	76.9
26810	4.9	105.9	-28	79.6
26820	4.9	105.1	-28	74.5
26830	4.5	104.4	-27	77.4
26840	4.9	103.6	-26	79.6
26850	5.3	102.8	-25	82.2
26860	4.7	101.9	-24	84.9
26870	5.3	101.1	-24	87.5
26880	4.9	100.2	-23	90.2
26890	4.5	99.2	-22	92.3
26900	5.2	98.3	-21	95.0
26910	5.3	97.3	-20	97.1
26920	4.5	96.3	-19	100.0
26930	4.9	95.3	-18	102.4
26940	5.2	94.3	-17	104.8

26950	5.0	93.2	-16	107.2
26960	4.5	92.1	-15	109.9
26970	5.0	91.0	-14	112.0
26980	5.0	89.9	-12	115.0
26990	5.3	88.7	-11	117.1
27000	5.4	87.5	-10	119.5
27010	4.7	86.3	-9	122.1
27020	5.3	85.0	-8	124.5
27030	5.4	83.8	-6	126.9
27040	5.3	82.5	-5	129.9
27050	5.2	81.2	-4	132.0
27060	5.6	79.8	-2	134.7
27070	5.4	78.5	-1	137.3
27080	4.6	77.1	0	140.0
27090	5.7	75.7	2	142.1
27100	6.4	74.2	3	144.8
27110	4.5	72.7	5	147.7
27120	12.6	71.4	6	139.7
27130	21.3	70.1	7	111.0
27140	14.2	69.0	8	108.6
27150	11.8	68.0	9	94.7
27160	16.5	67.1	10	75.3
27170	13.6	66.4	11	74.0
27180	11.5	65.7	12	64.6
27190	12.7	65.1	12	51.3
27200	10.2	64.6	13	50.3
27210	7.9	64.1	13	43.9
27220	8.8	63.7	14	42.3
27230	8.4	63.4	14	34.0
27240	7.1	63.1	14	29.8
27250	7.2	62.8	15	23.9
27260	7.9	62.6	15	23.1
27270	7.5	62.4	15	18.3
27280	6.9	62.2	15	17.8
27290	6.5	62.0	15	17.3
27300	5.7	61.9	16	13.8
27310	4.3	61.7	16	12.2
27320	3.7	61.6	16	11.7
27330	3.1	61.5	16	9.0
27340	2.0	61.5	16	7.9
27350	1.2	61.4	16	6.1
27360	0.9	61.3	16	6.1
27370	0.4	61.3	16	5.0
27380	0.0	61.2	16	4.7
27390	0.0	61.2	16	4.2
27400	-0.1	61.1	16	3.7
27410	-0.7	61.1	16	3.4
27420	-1.1	61.1	16	2.9
27430	-8.4	61.1	16	1.8
27440	-5.0	61.1	16	-1.8
27450	-0.5	61.1	16	-3.4
27460	-6.0	61.1	16	-4.2
27470	-5.7	61.2	16	-6.9
27480	-2.6	61.3	16	-9.3

27490	-6.1	61.4	16	-10.9
27500	-7.2	61.6	16	-13.8
27510	-4.2	61.7	16	-18.6
27520	-7.1	62.0	15	-23.4
27530	-8.4	62.2	15	-24.4
27540	-6.4	62.5	15	-26.0
27550	-8.0	62.8	15	-36.2
27560	-9.5	63.1	14	-37.0
27570	-8.1	63.6	14	-42.3
27580	-9.1	64.0	13	-42.0
27590	-10.4	64.5	13	-56.4
27600	-9.2	65.1	12	-56.4
27610	-8.7	65.7	12	-55.3
27620	-10.0	66.3	11	-73.2
27630	-9.8	67.1	10	-78.8
27640	-9.2	67.8	10	-76.4
27650	-10.3	68.6	9	-73.4
27660	-10.4	69.4	8	-78.2
27670	-10.2	70.3	7	-83.0
27680	-11.0	71.3	6	-107.2
27690	-10.6	72.4	5	-113.9
27700	-10.0	73.4	4	-119.2
27710	-11.3	74.6	3	-114.4
27720	-10.7	75.8	2	-120.0
27730	-10.7	77.0	0	-125.9
27740	-11.8	78.3	-1	-132.0
27750	-11.7	79.7	-2	-137.9
27760	-10.7	81.1	-4	-144.0
27770	-11.0	82.6	-5	-149.8
27780	-11.5	84.1	-7	-155.7
27790	-10.2	85.7	-8	-161.8
27800	-11.5	87.4	-10	-167.1
27810	-11.5	89.1	-12	-173.3
27820	-10.3	90.9	-13	-178.9
27830	-10.6	92.7	-15	-183.9
27840	-10.4	94.6	-17	-189.2
27850	-10.4	96.5	-19	-194.8
27860	-9.6	98.5	-21	-200.1
27870	-9.2	100.5	-23	-204.7
27880	-9.2	102.6	-25	-209.5
27890	-9.4	104.8	-27	-214.0
27900	-13.0	106.9	-29	-233.2
27910	-35.9	108.7	-31	-178.3
27920	-35.9	110.2	-33	-147.4
27930	-19.9	111.5	-34	-107.8
27940	-22.0	112.5	-35	-98.5
27950	-26.4	113.4	-36	-81.4
27960	-19.1	114.1	-37	-60.9
27970	-14.0	114.7	-37	-59.3
27980	-15.7	115.1	-38	-44.4
27990	-13.7	115.5	-38	-36.7
28000	-9.6	115.8	-38	-26.8
28010	-8.8	116.1	-39	-26.8
28020	-8.5	116.3	-39	-20.2

28030	-6.2	116.5	-39	-18.1
28040	-4.6	116.6	-39	-13.3
28050	-5.0	116.7	-39	-9.8
28060	-4.7	116.8	-39	-9.3
28070	-3.7	116.9	-39	-6.3
28080	-2.8	117.0	-40	-6.6
28090	-2.2	117.0	-40	-5.0
28100	-1.2	117.1	-40	-3.9
28110	0.0	117.1	-40	-2.9
28120	0.1	117.1	-40	-2.3
28130	0.3	117.2	-40	-2.1
28140	0.5	117.2	-40	-1.5
28150	0.7	117.2	-40	-1.3
28160	0.8	117.2	-40	-1.0
28170	2.6	117.2	-40	-0.2
28180	5.0	117.2	-40	0.7
28190	0.9	117.2	-40	2.6
28200	1.2	117.1	-40	2.6
28210	4.5	117.1	-40	3.4
28220	2.7	117.0	-40	6.9
28230	2.4	117.0	-40	8.7
28240	4.2	116.9	-39	10.3
28250	3.4	116.8	-39	12.5
28260	2.4	116.6	-39	14.3
28270	4.1	116.5	-39	16.2
28280	3.9	116.3	-39	18.3
28290	3.3	116.2	-39	18.6
28300	4.3	116.0	-39	18.6
28310	4.7	115.7	-38	25.2
28320	4.3	115.5	-38	25.5
28330	5.0	115.2	-38	25.2
28340	5.3	114.9	-37	27.6
28350	5.0	114.6	-37	36.7
28360	5.6	114.2	-37	39.9
28370	5.2	113.9	-36	38.8
28380	4.9	113.4	-36	37.5
28390	5.2	113.0	-36	48.7
28400	5.2	112.5	-35	46.8
28410	5.3	112.1	-35	44.4
28420	5.4	111.5	-34	47.1
28430	5.6	111.0	-34	60.4
28440	5.2	110.4	-33	63.6
28450	5.2	109.8	-32	60.4
28460	5.2	109.2	-32	56.7
28470	5.2	108.6	-31	59.1
28480	4.9	107.9	-30	61.4
28490	4.9	107.2	-30	63.8
28500	4.9	106.5	-29	66.0
28510	4.7	105.7	-28	68.1
28520	4.9	104.9	-27	78.0
28530	4.6	104.1	-27	80.6
28540	5.2	103.3	-26	83.3
28550	5.2	102.4	-25	85.7
28560	4.7	101.5	-24	88.1

28570	5.2	100.6	-23	90.7
28580	4.6	99.7	-22	93.1
28590	4.6	98.8	-21	95.8
28600	5.0	97.8	-20	98.2
28610	4.7	96.8	-19	100.6
28620	4.5	95.8	-18	103.0
28630	4.7	94.7	-17	105.1
28640	5.4	93.6	-16	107.2
28650	4.7	92.5	-15	110.2
28660	4.9	91.4	-14	112.3
28670	5.2	90.3	-13	114.7
28680	5.4	89.1	-12	117.1
28690	5.4	87.9	-10	120.0
28700	5.2	86.7	-9	122.7
28710	5.6	85.5	-8	125.1
28720	5.7	84.2	-7	127.7
28730	5.7	82.9	-5	130.7
28740	5.4	81.6	-4	133.3
28750	6.2	80.2	-3	136.0
28760	6.2	78.8	-1	138.9
28770	5.3	77.4	0	142.1
28780	6.0	76.0	1	144.8
28790	6.9	74.5	3	147.4
28800	5.6	73.0	4	150.6
28810	9.2	71.6	6	146.9
28820	22.8	70.3	7	116.0
28830	17.6	69.1	8	113.4
28840	11.9	68.0	9	106.7
28850	17.8	67.2	10	86.7
28860	16.0	66.3	11	83.3
28870	12.7	65.7	12	59.3
28880	14.0	65.1	12	58.3
28890	11.9	64.6	13	51.1
28900	9.4	64.1	13	44.4
28910	9.9	63.7	14	34.8
28920	9.5	63.3	14	33.8
28930	8.0	63.0	14	29.5
28940	8.3	62.8	15	23.4
28950	8.8	62.5	15	22.8
28960	8.0	62.3	15	18.1
28970	7.7	62.1	15	17.5
28980	7.3	62.0	15	17.0
28990	6.1	61.8	16	13.3
29000	4.7	61.7	16	11.7
29010	3.7	61.6	16	9.3
29020	2.8	61.5	16	8.7
29030	1.4	61.4	16	8.2
29040	0.5	61.4	16	6.6
29050	0.1	61.3	16	5.8
29060	0.0	61.3	16	4.7
29070	0.0	61.2	16	4.2
29080	-0.5	61.2	16	3.7
29090	-0.9	61.1	16	3.4
29100	-5.7	61.1	16	2.3

29110	-6.5	61.1	16	-1.3
29120	-1.2	61.2	16	-3.7
29130	-6.8	61.2	16	-4.7
29140	-7.9	61.3	16	-8.5
29150	-4.6	61.4	16	-12.7
29160	-8.3	61.5	16	-16.2
29170	-9.8	61.7	16	-18.6
29180	-6.6	61.9	16	-21.2
29190	-8.8	62.2	15	-27.4
29200	-10.4	62.5	15	-31.9
29210	-7.7	62.8	15	-37.5
29220	-9.4	63.3	14	-37.8
29230	-11.4	63.7	14	-51.9
29240	-10.6	64.2	13	-52.9
29250	-11.0	64.8	13	-52.4
29260	-11.5	65.5	12	-70.8
29270	-11.1	66.1	11	-77.7
29280	-11.4	66.9	11	-84.3
29290	-11.5	67.7	10	-82.2
29300	-11.8	68.5	9	-79.8
29310	-11.4	69.5	8	-104.6
29320	-12.2	70.5	7	-109.4
29330	-12.2	71.6	6	-117.9
29340	-11.5	72.7	5	-124.8
29350	-11.9	73.9	4	-119.8
29360	-12.2	75.1	2	-126.4
29370	-11.9	76.4	1	-132.8
29380	-12.2	77.8	0	-139.7
29390	-12.1	79.3	-2	-145.8
29400	-11.3	80.8	-3	-152.5
29410	-11.0	82.3	-5	-158.6
29420	-11.4	84.0	-7	-164.2
29430	-10.7	85.7	-8	-170.3
29440	-11.4	87.4	-10	-175.9
29450	-11.3	89.2	-12	-181.8
29460	-10.0	91.1	-14	-187.4
29470	-9.6	93.0	-16	-192.2
29480	-9.8	94.9	-17	-197.0
29490	-9.4	96.9	-19	-201.7
29500	-7.6	99.0	-22	-206.5
29510	-7.5	101.1	-24	-210.0
29520	-8.0	103.2	-26	-213.2
29530	-8.0	105.4	-28	-217.2
29540	-17.0	107.4	-30	-205.2
29550	-35.5	109.2	-32	-186.0
29560	-30.6	110.6	-33	-140.2
29570	-15.1	111.9	-34	-124.8
29580	-19.5	112.8	-35	-93.4
29590	-21.8	113.6	-36	-77.4
29600	-12.9	114.3	-37	-68.9
29610	-9.4	114.8	-37	-51.1
29620	-11.8	115.3	-38	-46.0
29630	-8.5	115.6	-38	-34.8
29640	-4.2	115.9	-38	-25.5

29650	-3.8	116.2	-39	-22.8
29660	-3.5	116.4	-39	-17.3
29670	-2.6	116.6	-39	-16.7
29680	-1.5	116.7	-39	-13.0
29690	-2.2	116.8	-39	-9.5
29700	-2.4	116.9	-39	-8.7
29710	-1.4	117.0	-40	-6.9
29720	-0.4	117.0	-40	-6.3
29730	0.1	117.1	-40	-4.5
29740	0.1	117.1	-40	-3.4
29750	0.5	117.1	-40	-2.9
29760	0.8	117.2	-40	-2.3
29770	1.8	117.2	-40	-1.8
29780	9.6	117.2	-40	0.2
29790	1.8	117.2	-40	3.7
29800	0.0	117.1	-40	4.5
29810	4.7	117.1	-40	4.2
29820	3.4	117.0	-40	5.5
29830	0.5	117.0	-40	7.1
29840	4.1	116.9	-39	8.2
29850	4.3	116.8	-39	9.5
29860	1.8	116.7	-39	11.7
29870	4.2	116.5	-39	13.0
29880	5.4	116.4	-39	14.9
29890	3.0	116.2	-39	21.0
29900	3.8	116.0	-39	21.0
29910	5.0	115.7	-38	20.7
29920	3.1	115.5	-38	25.5
29930	3.5	115.2	-38	27.6
29940	5.2	114.9	-37	26.3
29950	3.9	114.6	-37	35.1
29960	3.9	114.3	-37	34.0
29970	4.9	113.9	-36	32.4
29980	4.3	113.5	-36	34.8
29990	4.1	113.1	-36	45.2
30000	4.9	112.7	-35	47.6
30010	4.6	112.3	-35	45.7
30020	3.9	111.8	-34	43.3
30030	4.3	111.3	-34	55.1
30040	4.3	110.7	-33	57.2
30050	3.5	110.2	-33	54.5
30060	4.1	109.7	-32	50.5
30070	4.6	109.1	-32	52.4
30080	4.2	108.5	-31	54.5
30090	4.5	107.9	-30	62.8
30100	4.6	107.2	-30	58.5
30110	4.2	106.6	-29	60.6
30120	4.5	105.9	-28	62.5
30130	4.6	105.1	-28	71.6
30140	3.9	104.4	-27	74.0
30150	4.3	103.6	-26	76.1
30160	4.6	102.9	-25	78.2
30170	4.2	102.1	-25	80.6
30180	4.5	101.2	-24	82.7

30190	4.5	100.4	-23	84.9
30200	3.9	99.5	-22	87.5
30210	4.5	98.6	-21	89.4
30220	4.6	97.7	-20	91.8
30230	4.2	96.8	-19	94.2
30240	4.1	95.8	-18	96.1
30250	4.1	94.8	-17	98.2
30260	3.7	93.9	-16	100.0
30270	4.2	92.8	-15	101.9
30280	4.1	91.8	-14	103.5
30290	4.7	90.8	-13	105.6
30300	4.5	89.7	-12	107.8
30310	4.3	88.6	-11	109.9
30320	4.3	87.5	-10	112.3
30330	4.3	86.3	-9	114.4
30340	4.5	85.2	-8	116.6
30350	4.2	84.0	-7	118.4
30360	4.3	82.8	-5	120.5
30370	4.1	81.6	-4	122.7
30380	4.7	80.3	-3	124.5
30390	4.9	79.1	-2	126.9
30400	4.3	77.8	0	129.1
30410	4.6	76.5	1	131.5
30420	5.6	75.1	2	133.3
30430	4.6	73.8	4	136.0
30440	4.2	72.5	5	124.0
30450	14.6	71.2	6	113.9
30460	17.8	70.0	7	113.4
30470	10.6	69.0	8	89.7
30480	12.2	68.0	9	88.6
30490	15.3	67.2	10	86.7
30500	11.1	66.5	11	70.2
30510	10.8	65.9	12	61.7
30520	12.2	65.3	12	60.6
30530	9.5	64.8	13	48.9
30540	8.1	64.3	13	43.3
30550	8.7	63.9	14	38.6
30560	8.4	63.6	14	30.6
30570	7.2	63.3	14	29.8
30580	7.5	63.0	14	24.2
30590	7.9	62.8	15	26.0
30600	7.1	62.5	15	21.0
30610	6.6	62.4	15	18.9
30620	6.2	62.2	15	14.9
30630	4.9	62.0	15	14.9
30640	3.8	61.9	16	14.1
30650	2.7	61.8	16	11.4
30660	1.9	61.7	16	11.1
30670	1.4	61.6	16	9.0
30680	0.7	61.5	16	8.2
30690	0.0	61.4	16	6.9
30700	0.0	61.4	16	6.1
30710	0.0	61.3	16	4.7
30720	-0.7	61.3	16	5.0

30730	-2.6	61.2	16	4.2
30740	-11.8	61.2	16	0.7
30750	-3.5	61.2	16	-2.9
30760	-3.7	61.3	16	-4.5
30770	-11.8	61.3	16	-6.9
30780	-4.9	61.4	16	-11.7
30790	-5.0	61.6	16	-14.6
30800	-10.7	61.8	16	-20.7
30810	-5.4	62.0	15	-26.6
30820	-5.4	62.3	15	-27.4
30830	-10.2	62.6	15	-27.4
30840	-7.1	62.9	15	-39.4
30850	-7.2	63.3	14	-43.9
30860	-10.3	63.7	14	-43.9
30870	-10.0	64.2	13	-44.1
30880	-8.7	64.8	13	-59.6
30890	-10.2	65.3	12	-58.8
30900	-10.6	65.9	12	-59.1
30910	-9.6	66.6	11	-63.0
30920	-9.9	67.4	10	-68.4
30930	-11.0	68.2	9	-72.1
30940	-10.4	69.0	8	-77.4
30950	-10.6	69.9	8	-82.5
30960	-12.7	70.9	7	-107.0
30970	-11.5	71.9	6	-114.2
30980	-11.4	73.0	4	-120.5
30990	-13.2	74.2	3	-116.0
31000	-12.1	75.4	2	-122.9
31010	-11.7	76.7	1	-129.3
31020	-12.6	78.0	-1	-136.0
31030	-12.3	79.4	-2	-142.6
31040	-11.1	80.9	-3	-149.3
31050	-11.5	82.4	-5	-155.4
31060	-12.2	84.0	-7	-161.3
31070	-10.8	85.7	-8	-167.7
31080	-11.8	87.4	-10	-173.5
31090	-11.8	89.2	-12	-179.7
31100	-9.9	91.0	-14	-185.8
31110	-9.5	92.9	-15	-190.8
31120	-10.0	94.9	-17	-195.1
31130	-9.4	96.9	-19	-200.1
31140	-7.3	98.9	-21	-204.9
31150	-7.3	101.0	-24	-208.1
31160	-8.8	103.1	-26	-211.6
31170	-8.3	105.2	-28	-215.9
31180	-16.1	107.3	-30	-226.8
31190	-36.2	109.0	-32	-171.1
31200	-32.0	110.5	-33	-141.0
31210	-15.5	111.7	-34	-102.7
31220	-20.9	112.7	-35	-93.7
31230	-24.1	113.5	-36	-77.7
31240	-15.2	114.2	-37	-58.0
31250	-10.7	114.8	-37	-56.4
31260	-13.7	115.2	-38	-42.3

31270	-11.7	115.6	-38	-35.1
31280	-7.9	115.9	-38	-25.5
31290	-6.6	116.1	-39	-23.4
31300	-6.8	116.3	-39	-17.3
31310	-6.6	116.5	-39	-15.7
31320	-4.9	116.6	-39	-11.4
31330	-3.7	116.7	-39	-11.4
31340	-3.7	116.8	-39	-8.7
31350	-3.9	116.9	-39	-6.3
31360	-3.7	117.0	-40	-6.1
31370	-3.0	117.0	-40	-4.7
31380	-1.6	117.0	-40	-3.4
31390	0.0	117.1	-40	-2.9
31400	0.0	117.1	-40	-2.6
31410	0.0	117.1	-40	-1.8
31420	0.3	117.1	-40	-1.5
31430	0.5	117.2	-40	-1.3
31440	0.5	117.2	-40	-1.0
31450	0.5	117.2	-40	-0.7
31460	0.8	117.2	-40	-0.2
31470	3.3	117.2	-40	0.0
31480	4.7	117.2	-40	1.5
31490	1.4	117.1	-40	4.2
31500	2.3	117.1	-40	4.7
31510	4.5	117.0	-40	5.8
31520	2.6	117.0	-40	7.1
31530	2.2	116.9	-39	8.7
31540	4.2	116.8	-39	9.5
31550	3.3	116.7	-39	11.4
31560	2.6	116.5	-39	15.9
31570	4.3	116.3	-39	17.5
31580	4.5	116.2	-39	18.1
31590	3.3	116.0	-39	18.6
31600	4.2	115.8	-38	24.7
31610	4.3	115.5	-38	26.8
31620	3.9	115.2	-38	30.0
31630	4.1	115.0	-38	32.2
31640	4.3	114.7	-37	31.4
31650	4.3	114.3	-37	30.3
31660	4.3	114.0	-37	32.4
31670	4.5	113.6	-36	34.6
31680	4.1	113.2	-36	44.7
31690	3.9	112.8	-35	42.8
31700	4.5	112.3	-35	40.7
31710	4.6	111.8	-34	47.3
31720	4.5	111.4	-34	54.5
31730	4.3	110.9	-33	51.6
31740	4.2	110.3	-33	48.7
31750	4.2	109.8	-32	50.5
31760	4.3	109.2	-32	58.3
31770	4.6	108.6	-31	66.5
31780	4.1	107.9	-30	69.2
31790	4.2	107.3	-30	71.3
31800	4.3	106.6	-29	73.7

31810	4.3	105.9	-28	76.1
31820	4.3	105.2	-28	78.5
31830	4.1	104.5	-27	73.4
31840	3.9	103.8	-26	75.6
31850	4.2	103.0	-26	77.7
31860	4.3	102.2	-25	79.8
31870	4.3	101.4	-24	82.2
31880	4.3	100.5	-23	84.1
31890	4.2	99.7	-22	86.5
31900	4.6	98.8	-21	88.9
31910	4.9	97.9	-20	91.3
31920	4.9	96.9	-19	93.4
31930	4.6	96.0	-19	96.1
31940	4.9	95.0	-18	98.5
31950	5.0	94.0	-17	100.8
31960	4.7	93.0	-16	103.5
31970	5.0	91.9	-14	105.9
31980	4.7	90.9	-13	108.0
31990	4.5	89.8	-12	110.4
32000	5.3	88.6	-11	112.6
32010	5.3	87.5	-10	115.2
32020	4.9	86.3	-9	117.9
32030	5.3	85.1	-8	120.3
32040	4.9	83.9	-6	122.9
32050	4.7	82.7	-5	125.3
32060	4.9	81.4	-4	127.5
32070	5.4	80.1	-3	129.6
32080	5.3	78.8	-1	132.3
32090	4.3	77.4	0	134.7
32100	4.9	76.1	1	137.1
32110	5.6	74.7	3	139.2
32120	4.3	73.3	4	141.6
32130	7.2	71.9	6	154.1
32140	19.0	70.6	7	125.3
32150	16.1	69.5	8	99.8
32160	10.6	68.5	9	97.7
32170	14.6	67.6	10	86.5
32180	14.0	66.8	11	76.1
32190	10.4	66.1	11	67.3
32200	11.4	65.5	12	59.6
32210	10.8	64.9	13	52.9
32220	8.1	64.4	13	46.5
32230	7.5	64.0	13	36.7
32240	7.9	63.7	14	36.2
32250	6.6	63.3	14	35.1
32260	6.1	63.0	14	27.9
32270	6.8	62.8	15	24.7
32280	6.2	62.5	15	19.7
32290	5.7	62.3	15	19.7
32300	5.6	62.2	15	18.9
32310	4.6	62.0	15	15.4
32320	3.7	61.9	16	13.3
32330	2.7	61.7	16	13.0
32340	2.2	61.6	16	10.3

32350	1.9	61.5	16	9.8
32360	0.9	61.5	16	7.9
32370	0.4	61.4	16	6.9
32380	0.1	61.3	16	5.5
32390	0.0	61.3	16	6.3
32400	0.0	61.2	16	4.7
32410	-0.3	61.2	16	4.5
32420	-0.7	61.1	16	3.4
32430	-1.5	61.1	16	2.9
32440	-9.9	61.1	16	1.3
32450	-3.1	61.1	16	-1.8
32460	-1.1	61.1	16	-2.9
32470	-7.2	61.2	16	-4.5
32480	-5.0	61.2	16	-6.9
32490	-2.6	61.3	16	-9.3
32500	-6.4	61.5	16	-12.2
32510	-6.5	61.6	16	-14.1
32520	-3.9	61.8	16	-17.0
32530	-6.6	62.0	15	-18.9
32540	-7.7	62.2	15	-26.3
32550	-5.4	62.5	15	-28.2
32560	-7.3	62.8	15	-28.4
32570	-9.2	63.1	14	-39.1
32580	-7.6	63.5	14	-40.1
32590	-8.3	64.0	13	-44.4
32600	-10.4	64.5	13	-53.7
32610	-9.2	65.0	12	-53.7
32620	-8.3	65.5	12	-52.9
32630	-10.3	66.2	11	-70.2
32640	-10.3	66.8	11	-68.9
32650	-9.4	67.6	10	-66.8
32660	-11.1	68.3	9	-71.3
32670	-11.4	69.2	8	-78.0
32680	-10.2	70.1	7	-81.7
32690	-11.4	71.1	6	-105.9
32700	-11.4	72.1	5	-112.6
32710	-10.3	73.1	4	-119.0
32720	-11.5	74.3	3	-113.9
32730	-11.5	75.5	2	-119.8
32740	-11.4	76.7	1	-125.9
32750	-12.1	78.0	-1	-132.3
32760	-11.9	79.4	-2	-138.7
32770	-11.3	80.8	-3	-145.0
32780	-11.0	82.3	-5	-150.9
32790	-11.3	83.9	-6	-156.8
32800	-10.7	85.5	-8	-162.9
32810	-11.8	87.2	-10	-168.5
32820	-11.3	88.9	-11	-174.9
32830	-10.7	90.7	-13	-180.4
32840	-10.7	92.5	-15	-186.0
32850	-10.2	94.4	-17	-191.4
32860	-10.8	96.4	-19	-196.7
32870	-10.0	98.4	-21	-201.7
32880	-8.3	100.4	-23	-206.5

32890	-8.9	102.5	-25	-210.8
32900	-8.9	104.7	-27	-215.6
32910	-11.1	106.8	-29	-235.6
32920	-35.1	108.6	-31	-179.9
32930	-35.9	110.2	-33	-148.8
32940	-19.4	111.5	-34	-108.6
32950	-21.7	112.5	-35	-99.0
32960	-26.6	113.4	-36	-81.7
32970	-19.4	114.1	-37	-73.4
32980	-13.2	114.6	-37	-54.3
32990	-14.9	115.1	-38	-48.7
33000	-13.7	115.5	-38	-36.7
33010	-9.1	115.8	-38	-32.7
33020	-7.6	116.1	-39	-24.2
33030	-8.1	116.3	-39	-20.2
33040	-6.6	116.5	-39	-14.6
33050	-5.0	116.6	-39	-14.6
33060	-4.9	116.7	-39	-10.9
33070	-5.0	116.8	-39	-8.2
33080	-4.2	116.9	-39	-7.9
33090	-3.4	116.9	-39	-5.8
33100	-2.6	117.0	-40	-4.5
33110	-1.8	117.0	-40	-4.2
33120	-0.5	117.1	-40	-3.7
33130	0.0	117.1	-40	-2.6
33140	0.0	117.1	-40	-2.1
33150	0.4	117.1	-40	-2.1
33160	0.5	117.2	-40	-1.5
33170	0.7	117.2	-40	-1.0
33180	0.7	117.2	-40	-0.5
33190	1.9	117.2	-40	0.0
33200	6.5	117.2	-40	0.5
33210	1.6	117.2	-40	3.1
33220	1.1	117.1	-40	3.7
33230	4.9	117.1	-40	4.7
33240	3.4	117.0	-40	7.7
33250	2.0	116.9	-39	10.1
33260	4.6	116.8	-39	11.7
33270	4.1	116.7	-39	13.8
33280	2.3	116.6	-39	14.9
33290	4.1	116.4	-39	14.9
33300	4.6	116.2	-39	16.5
33310	2.8	116.0	-39	23.1
33320	4.1	115.8	-38	22.3
33330	5.0	115.5	-38	22.3
33340	3.4	115.3	-38	30.0
33350	3.9	115.0	-38	32.2
33360	4.7	114.7	-37	31.1
33370	3.8	114.4	-37	30.3
33380	3.5	114.0	-37	39.1
33390	4.2	113.6	-36	41.2
33400	3.5	113.2	-36	39.6
33410	3.5	112.8	-35	37.5
33420	4.1	112.4	-35	39.9

33430	4.1	112.0	-35	41.2
33440	3.9	111.5	-34	52.7

ISOK_EXERC_ER/IR_300_R_SIDE
01/07
Set #3

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	2.4	107.7	-30	34.6
10	8.5	107.3	-30	36.4
20	5.6	106.9	-29	39.9
30	3.9	106.4	-29	42.8
40	5.0	105.9	-28	44.9
50	6.0	105.4	-28	52.7
60	6.9	104.8	-27	56.1
70	4.1	104.2	-27	59.6
80	3.8	103.6	-26	62.0
90	5.3	103.0	-26	63.8
100	5.0	102.3	-25	66.5
110	4.3	101.6	-24	69.2
120	4.7	100.9	-23	71.8
130	4.7	100.2	-23	74.2
140	6.1	99.4	-22	76.9
150	6.1	98.6	-21	79.8
160	5.3	97.8	-20	83.0
170	5.7	97.0	-20	85.7
180	5.3	96.1	-19	88.6
190	4.7	95.2	-18	91.5
200	4.7	94.2	-17	93.9
210	5.3	93.3	-16	96.6
220	5.2	92.3	-15	99.3
230	5.6	91.3	-14	101.6
240	5.6	90.2	-13	104.3
250	6.4	89.2	-12	107.2
260	6.4	88.1	-11	110.4
270	5.8	86.9	-9	113.9
280	5.8	85.8	-8	116.8
290	6.1	84.6	-7	119.8
300	6.1	83.4	-6	122.7
310	6.0	82.1	-5	125.6
320	6.2	80.8	-3	128.3
330	6.2	79.5	-2	131.7
340	6.4	78.2	-1	134.7
350	6.1	76.8	1	137.6
360	6.5	75.4	2	140.8
370	6.9	74.0	3	144.0
380	6.4	72.5	5	147.2
390	16.0	71.2	6	136.8
400	22.0	70.0	7	108.6
410	16.1	68.9	9	106.2
420	14.1	67.9	10	93.4
430	14.8	67.0	10	90.2
440	15.1	66.3	11	72.4
450	15.3	65.6	12	63.8
460	13.2	65.1	12	56.1
470	10.2	64.5	13	49.2
480	10.0	64.1	13	38.8

490	11.0	63.7	14	38.0
500	10.0	63.4	14	33.5
510	9.1	63.0	14	29.0
520	9.5	62.8	15	25.8
530	9.9	62.5	15	25.0
540	9.9	62.3	15	20.4
550	9.6	62.1	15	19.4
560	9.1	62.0	15	15.7
570	8.8	61.9	16	13.5
580	8.1	61.7	16	10.9
590	7.2	61.6	16	10.6
600	6.8	61.5	16	10.1
610	6.0	61.4	16	7.9
620	5.4	61.4	16	7.7
630	5.0	61.3	16	6.1
640	4.3	61.2	16	5.3
650	3.8	61.2	16	4.5
660	2.8	61.2	16	3.9
670	1.5	61.1	16	3.4
680	0.0	61.1	16	2.6
690	-0.3	61.1	16	2.3
700	-0.9	61.0	16	2.1
710	-1.8	61.0	16	1.5
720	-15.5	61.0	16	-0.7
730	-6.2	61.1	16	-6.9
740	-2.2	61.2	16	-9.8
750	-9.1	61.3	16	-13.0
760	-8.9	61.4	16	-17.3
770	-6.1	61.6	16	-22.6
780	-7.3	61.8	16	-23.6
790	-8.5	62.1	15	-25.0
800	-8.1	62.4	15	-35.4
810	-8.4	62.8	15	-36.7
820	-8.5	63.2	14	-37.0
830	-8.7	63.6	14	-50.5
840	-10.2	64.1	13	-50.5
850	-10.4	64.6	13	-50.0
860	-9.9	65.3	12	-67.0
870	-10.2	65.9	12	-66.2
880	-11.4	66.6	11	-64.6
890	-11.4	67.4	10	-85.7
900	-11.3	68.2	9	-92.1
910	-11.7	69.1	8	-99.0
920	-11.9	70.0	7	-104.0
930	-12.1	71.1	6	-112.3
940	-11.7	72.1	5	-119.5
950	-11.7	73.3	4	-125.9
960	-12.3	74.5	3	-120.8
970	-11.3	75.7	2	-127.2
980	-11.1	77.0	0	-133.3
990	-11.4	78.4	-1	-139.5
1000	-10.6	79.8	-2	-145.6
1010	-9.5	81.3	-4	-150.6
1020	-9.4	82.9	-5	-156.0

1030	-9.6	84.5	-7	-160.5
1040	-9.2	86.1	-9	-165.8
1050	-9.8	87.8	-10	-170.3
1060	-9.8	89.6	-12	-175.1
1070	-8.3	91.4	-14	-180.2
1080	-9.2	93.2	-16	-184.4
1090	-10.0	95.1	-18	-188.7
1100	-9.4	97.0	-20	-193.8
1110	-8.9	99.0	-22	-198.6
1120	-9.1	101.0	-24	-202.5
1130	-9.2	103.0	-26	-206.8
1140	-10.2	105.1	-28	-211.6
1150	-19.5	107.2	-30	-202.0
1160	-38.4	108.9	-31	-170.1
1170	-38.0	110.4	-33	-141.3
1180	-24.1	111.6	-34	-104.0
1190	-25.2	112.6	-35	-95.3
1200	-27.7	113.4	-36	-79.0
1210	-25.8	114.1	-37	-59.6
1220	-23.6	114.7	-37	-53.7
1230	-22.0	115.2	-38	-39.6
1240	-18.7	115.5	-38	-36.4
1250	-18.0	115.9	-38	-26.8
1260	-17.1	116.1	-39	-24.7
1270	-15.1	116.3	-39	-18.3
1280	-14.5	116.5	-39	-16.7
1290	-14.9	116.7	-39	-12.5
1300	-14.8	116.8	-39	-11.7
1310	-13.6	116.9	-39	-9.5
1320	-11.9	117.0	-40	-7.4
1330	-10.3	117.0	-40	-5.5
1340	-8.5	117.1	-40	-5.5
1350	-6.8	117.1	-40	-4.5
1360	-5.0	117.2	-40	-3.4
1370	-3.5	117.2	-40	-2.3
1380	-2.4	117.2	-40	-2.1
1390	-1.9	117.2	-40	-1.8
1400	-1.4	117.2	-40	-1.3
1410	-0.8	117.3	-40	-0.7
1420	-0.5	117.3	-40	-0.5
1430	-0.3	117.3	-40	-0.5
1440	0.3	117.3	-40	-0.2
1450	0.5	117.3	-40	-0.2
1460	0.8	117.3	-40	0.2
1470	0.9	117.3	-40	-0.2
1480	2.4	117.3	-40	0.7
1490	11.8	117.3	-40	2.6
1500	3.7	117.2	-40	6.6
1510	0.5	117.1	-40	9.3
1520	6.0	117.0	-40	10.1
1530	6.0	116.9	-39	14.1
1540	3.5	116.7	-39	15.7
1550	4.7	116.5	-39	19.9
1560	4.9	116.3	-39	22.6

1570	5.4	116.1	-39	25.2
1580	5.7	115.9	-38	29.0
1590	5.2	115.6	-38	29.5
1600	5.8	115.3	-38	29.0
1610	6.4	114.9	-37	35.4
1620	5.7	114.5	-37	42.5
1630	5.6	114.1	-37	41.7
1640	5.8	113.7	-36	40.1
1650	5.4	113.2	-36	52.4
1660	5.3	112.7	-35	50.8
1670	5.6	112.2	-35	53.7
1680	5.6	111.6	-34	50.8
1690	5.6	111.0	-34	65.2
1700	5.2	110.4	-33	68.1
1710	5.3	109.8	-32	58.3
1720	5.0	109.1	-32	60.6
1730	5.3	108.4	-31	63.0
1740	5.3	107.7	-30	65.4
1750	4.7	107.0	-30	67.6
1760	4.9	106.2	-29	70.0
1770	4.9	105.4	-28	80.1
1780	4.6	104.5	-27	82.7
1790	4.9	103.7	-26	85.1
1800	5.3	102.8	-25	87.5
1810	4.9	101.9	-24	90.5
1820	5.3	101.0	-24	92.9
1830	4.6	100.1	-23	95.3
1840	4.9	99.1	-22	97.9
1850	4.7	98.1	-21	100.3
1860	4.5	97.1	-20	102.4
1870	4.1	96.0	-19	104.8
1880	4.3	95.0	-18	106.7
1890	4.5	93.9	-16	108.8
1900	4.9	92.8	-15	111.2
1910	4.6	91.6	-14	113.1
1920	4.3	90.5	-13	115.5
1930	4.6	89.3	-12	117.4
1940	5.2	88.1	-11	120.0
1950	4.5	86.9	-9	122.1
1960	4.3	85.7	-8	124.3
1970	4.6	84.4	-7	126.7
1980	4.9	83.1	-6	128.8
1990	4.6	81.8	-4	130.9
2000	5.2	80.5	-3	133.1
2010	4.9	79.2	-2	135.5
2020	4.7	77.8	0	137.9
2030	5.2	76.4	1	139.7
2040	5.7	75.0	2	142.4
2050	5.4	73.5	4	145.0
2060	6.0	72.1	5	160.0
2070	18.3	70.8	7	130.9
2080	19.3	69.6	8	103.8
2090	13.6	68.5	9	101.4
2100	14.4	67.6	10	89.1

2110	14.8	66.8	11	86.2
2120	14.1	66.1	11	69.2
2130	14.4	65.5	12	60.9
2140	11.9	64.9	13	53.7
2150	9.8	64.4	13	47.1
2160	9.9	64.0	13	37.2
2170	9.9	63.6	14	36.4
2180	8.7	63.3	14	31.9
2190	8.9	63.0	14	25.2
2200	9.6	62.7	15	24.7
2210	9.2	62.5	15	23.9
2220	8.9	62.3	15	19.4
2230	8.7	62.1	15	17.0
2240	7.5	62.0	15	13.5
2250	6.6	61.8	16	12.7
2260	5.3	61.7	16	11.1
2270	3.7	61.6	16	9.0
2280	2.7	61.5	16	8.5
2290	1.2	61.5	16	8.2
2300	0.3	61.4	16	6.6
2310	0.0	61.3	16	5.8
2320	0.0	61.3	16	4.7
2330	-0.5	61.2	16	5.0
2340	-0.9	61.2	16	3.7
2350	-5.4	61.2	16	2.3
2360	-8.0	61.2	16	-1.0
2370	-2.7	61.2	16	-4.2
2380	-4.2	61.2	16	-5.0
2390	-8.3	61.3	16	-7.1
2400	-6.1	61.4	16	-10.9
2410	-6.6	61.6	16	-14.1
2420	-7.5	61.8	16	-20.7
2430	-6.6	62.0	15	-25.2
2440	-7.3	62.2	15	-26.3
2450	-7.7	62.5	15	-27.4
2460	-7.1	62.9	15	-31.4
2470	-8.3	63.2	14	-42.5
2480	-9.2	63.6	14	-43.1
2490	-9.6	64.1	13	-43.1
2500	-9.9	64.7	13	-58.0
2510	-10.3	65.2	12	-57.7
2520	-9.9	65.8	12	-57.2
2530	-10.3	66.5	11	-75.8
2540	-10.2	67.2	10	-74.2
2550	-10.4	68.0	9	-71.3
2560	-10.4	68.9	9	-93.7
2570	-10.3	69.8	8	-99.0
2580	-11.3	70.7	7	-103.8
2590	-11.4	71.7	6	-111.8
2600	-11.1	72.8	5	-118.2
2610	-11.3	73.9	4	-113.4
2620	-11.1	75.1	2	-119.8
2630	-11.3	76.3	1	-125.6
2640	-11.3	77.6	0	-132.0

2650	-11.4	79.0	-2	-137.9
2660	-10.8	80.4	-3	-144.2
2670	-10.7	81.9	-4	-149.6
2680	-11.3	83.4	-6	-155.4
2690	-11.8	85.0	-8	-161.3
2700	-12.3	86.7	-9	-167.1
2710	-11.4	88.4	-11	-173.5
2720	-11.8	90.2	-13	-179.9
2730	-11.3	92.0	-15	-185.8
2740	-10.8	93.9	-16	-191.6
2750	-12.1	95.9	-18	-197.2
2760	-11.4	97.9	-20	-203.3
2770	-9.5	100.0	-23	-208.9
2780	-10.0	102.1	-25	-214.0
2790	-10.6	104.3	-27	-218.8
2800	-10.8	106.5	-29	-221.7
2810	-36.6	108.4	-31	-189.2
2820	-41.4	110.1	-33	-170.9
2830	-27.5	111.4	-34	-127.2
2840	-22.9	112.5	-35	-112.6
2850	-24.7	113.4	-36	-75.6
2860	-22.8	114.1	-37	-69.2
2870	-19.1	114.7	-37	-61.4
2880	-17.6	115.2	-38	-45.5
2890	-15.3	115.6	-38	-40.9
2900	-14.5	115.9	-38	-30.6
2910	-13.2	116.1	-39	-22.3
2920	-11.9	116.3	-39	-20.2
2930	-11.8	116.5	-39	-14.9
2940	-12.1	116.7	-39	-14.9
2950	-12.9	116.8	-39	-10.1
2960	-12.9	116.9	-39	-10.1
2970	-12.1	117.0	-40	-7.1
2980	-11.4	117.0	-40	-6.1
2990	-10.7	117.1	-40	-5.3
3000	-9.6	117.1	-40	-3.9
3010	-8.3	117.1	-40	-3.1
3020	-6.9	117.2	-40	-2.3
3030	-5.8	117.2	-40	-2.1
3040	-5.0	117.2	-40	-1.5
3050	-4.3	117.2	-40	-1.0
3060	-3.8	117.2	-40	-1.0
3070	-3.4	117.2	-40	-0.5
3080	-3.0	117.2	-40	-0.5
3090	-1.9	117.3	-40	-0.2
3100	-0.8	117.3	-40	-0.2
3110	0.0	117.3	-40	0.0
3120	0.4	117.3	-40	0.0
3130	0.7	117.3	-40	0.0
3140	0.8	117.3	-40	0.2
3150	0.8	117.2	-40	0.2
3160	0.9	117.2	-40	0.5
3170	4.1	117.2	-40	0.7
3180	6.1	117.2	-40	3.4

3190	1.4	117.1	-40	5.8
3200	1.1	117.1	-40	6.3
3210	4.9	117.0	-40	7.1
3220	3.9	116.9	-39	9.5
3230	3.3	116.8	-39	11.4
3240	4.3	116.6	-39	13.0
3250	4.2	116.5	-39	16.5
3260	4.2	116.3	-39	17.0
3270	4.6	116.1	-39	23.4
3280	4.3	115.9	-38	23.4
3290	4.6	115.6	-38	23.6
3300	5.0	115.3	-38	25.8
3310	4.9	115.0	-38	34.3
3320	4.9	114.7	-37	37.5
3330	5.2	114.3	-37	39.6
3340	5.2	113.9	-36	43.1
3350	5.2	113.5	-36	46.3
3360	5.2	113.1	-36	44.7
3370	5.6	112.6	-35	42.8
3380	5.4	112.1	-35	45.2
3390	5.2	111.6	-34	58.5
3400	5.0	111.1	-34	55.6
3410	5.2	110.5	-33	52.4
3420	5.0	109.8	-32	67.0
3430	5.0	109.2	-32	70.0
3440	5.0	108.6	-31	72.6
3450	4.9	107.9	-30	75.3
3460	4.7	107.2	-30	78.2
3470	5.0	106.4	-29	81.1
3480	5.0	105.7	-28	83.8
3490	4.9	104.9	-27	78.5
3500	4.7	104.1	-27	81.1
3510	5.2	103.3	-26	83.8
3520	5.0	102.4	-25	85.9
3530	5.0	101.5	-24	88.6
3540	5.2	100.6	-23	91.3
3550	4.7	99.7	-22	93.7
3560	5.3	98.7	-21	96.3
3570	5.7	97.8	-20	99.0
3580	5.4	96.7	-19	101.9
3590	5.4	95.7	-18	104.6
3600	5.4	94.6	-17	107.2
3610	6.0	93.5	-16	110.2
3620	5.7	92.4	-15	112.8
3630	5.4	91.3	-14	115.8
3640	5.6	90.1	-13	118.4
3650	6.4	88.9	-11	121.3
3660	6.1	87.6	-10	124.5
3670	5.6	86.4	-9	127.7
3680	6.5	85.1	-8	130.7
3690	6.5	83.7	-6	133.6
3700	6.5	82.4	-5	137.1
3710	6.8	81.0	-4	140.0
3720	6.8	79.6	-2	143.4

3730	6.8	78.1	-1	146.6
3740	6.1	76.6	1	150.1
3750	7.3	75.1	2	153.3
3760	6.9	73.5	4	156.8
3770	7.5	71.9	6	173.0
3780	22.8	70.6	7	140.0
3790	22.6	69.3	8	109.9
3800	16.3	68.2	9	106.2
3810	17.0	67.2	10	92.6
3820	16.8	66.4	11	88.3
3830	16.7	65.7	12	70.0
3840	16.8	65.1	12	61.2
3850	13.3	64.5	13	53.2
3860	10.8	64.0	13	46.0
3870	11.8	63.6	14	35.9
3880	11.4	63.2	14	34.6
3890	10.3	62.9	15	30.0
3900	10.2	62.6	15	29.0
3910	10.4	62.4	15	22.8
3920	10.2	62.2	15	20.2
3930	10.2	62.0	15	15.7
3940	9.8	61.9	16	15.1
3950	8.7	61.7	16	14.3
3960	7.9	61.6	16	11.7
3970	7.1	61.5	16	9.5
3980	5.7	61.4	16	7.4
3990	4.7	61.4	16	7.1
4000	4.3	61.3	16	6.3
4010	3.5	61.2	16	5.0
4020	2.7	61.2	16	4.5
4030	1.8	61.1	16	3.9
4040	0.8	61.1	16	3.7
4050	0.0	61.1	16	2.9
4060	0.0	61.0	16	2.6
4070	-0.7	61.0	16	2.1
4080	-1.1	61.0	16	1.5
4090	-6.9	61.0	16	0.7
4100	-9.4	61.0	16	-2.6
4110	-2.2	61.1	16	-6.1
4120	-3.8	61.2	16	-7.4
4130	-9.5	61.3	16	-9.5
4140	-6.2	61.4	16	-13.5
4150	-7.1	61.6	16	-16.7
4160	-9.5	61.8	16	-24.4
4170	-7.6	62.0	15	-27.4
4180	-8.3	62.4	15	-28.4
4190	-9.2	62.7	15	-39.4
4200	-7.7	63.1	14	-40.7
4210	-8.5	63.5	14	-45.5
4220	-10.2	64.0	13	-55.1
4230	-9.4	64.6	13	-54.8
4240	-9.4	65.1	12	-53.7
4250	-10.3	65.8	12	-71.3
4260	-10.4	66.5	11	-70.2

4270	-9.9	67.2	10	-68.1
4280	-10.7	68.0	9	-89.1
4290	-10.6	68.9	9	-95.5
4300	-9.6	69.8	8	-101.4
4310	-10.8	70.8	7	-107.0
4320	-10.3	71.8	6	-113.4
4330	-9.9	72.9	5	-119.0
4340	-10.0	74.0	3	-113.4
4350	-9.8	75.2	2	-119.2
4360	-9.9	76.4	1	-124.3
4370	-10.3	77.7	0	-129.9
4380	-10.4	79.0	-2	-134.9
4390	-9.4	80.4	-3	-140.5
4400	-9.1	81.8	-4	-145.3
4410	-9.4	83.3	-6	-150.1
4420	-9.1	84.9	-7	-154.9
4430	-9.1	86.5	-9	-159.4
4440	-8.9	88.1	-11	-163.9
4450	-9.1	89.8	-12	-168.7
4460	-7.7	91.5	-14	-173.3
4470	-9.1	93.2	-16	-177.3
4480	-9.6	95.1	-18	-181.5
4490	-8.5	96.9	-19	-186.0
4500	-8.5	98.8	-21	-190.6
4510	-8.1	100.7	-23	-194.6
4520	-8.0	102.7	-25	-198.3
4530	-8.1	104.7	-27	-202.5
4540	-11.0	106.7	-29	-221.2
4550	-32.7	108.4	-31	-170.6
4560	-33.2	110.0	-33	-156.5
4570	-20.2	111.2	-34	-118.4
4580	-20.7	112.2	-35	-97.7
4590	-23.7	113.1	-36	-72.9
4600	-19.5	113.8	-36	-67.8
4610	-15.3	114.4	-37	-61.4
4620	-16.1	114.8	-37	-46.5
4630	-13.4	115.3	-38	-42.5
4640	-11.4	115.6	-38	-32.2
4650	-9.8	115.9	-38	-26.6
4660	-9.1	116.1	-39	-22.3
4670	-7.7	116.3	-39	-16.5
4680	-6.6	116.5	-39	-16.7
4690	-6.6	116.6	-39	-12.5
4700	-6.0	116.7	-39	-11.4
4710	-5.3	116.8	-39	-8.7
4720	-4.3	116.9	-39	-6.3
4730	-2.7	116.9	-39	-6.3
4740	-1.5	117.0	-40	-4.7
4750	-0.1	117.0	-40	-3.7
4760	0.1	117.1	-40	-3.1
4770	0.1	117.1	-40	-2.9
4780	0.5	117.1	-40	-2.3
4790	0.7	117.1	-40	-1.8
4800	0.8	117.1	-40	-1.5

4810	4.3	117.2	-40	-0.2
4820	4.7	117.1	-40	1.5
4830	1.2	117.1	-40	2.9
4840	2.0	117.1	-40	3.4
4850	4.9	117.0	-40	5.8
4860	3.9	117.0	-40	8.5
4870	3.4	116.9	-39	11.1
4880	4.9	116.8	-39	11.7
4890	4.2	116.6	-39	15.7
4900	3.8	116.5	-39	16.5
4910	4.6	116.3	-39	18.6
4920	4.3	116.1	-39	19.1
4930	4.5	115.8	-38	25.5
4940	5.0	115.6	-38	26.0
4950	5.0	115.3	-38	25.5
4960	4.9	115.0	-38	28.2
4970	5.4	114.7	-37	37.5
4980	5.6	114.3	-37	40.7
4990	5.3	113.9	-36	43.6
5000	5.3	113.5	-36	42.5
5010	5.3	113.1	-36	40.7
5020	5.3	112.6	-35	52.7
5030	5.3	112.1	-35	55.9
5040	5.0	111.6	-34	53.5
5050	5.3	111.0	-34	50.3
5060	5.3	110.4	-33	52.9
5070	5.2	109.8	-32	67.6
5080	5.2	109.1	-32	70.5
5090	5.4	108.5	-31	73.4
5100	5.4	107.8	-30	76.1
5110	5.2	107.1	-30	79.3
5120	5.3	106.3	-29	82.5
5130	5.7	105.6	-28	85.4
5140	5.3	104.8	-27	80.3
5150	5.3	103.9	-26	83.3
5160	6.0	103.1	-26	85.9
5170	5.8	102.2	-25	88.9
5180	5.8	101.3	-24	91.8
5190	5.7	100.4	-23	95.0
5200	5.6	99.4	-22	97.9
5210	5.8	98.4	-21	100.8
5220	5.8	97.3	-20	103.8
5230	5.3	96.3	-19	106.7
5240	5.4	95.2	-18	109.4
5250	6.0	94.1	-17	112.0
5260	5.8	92.9	-15	115.2
5270	5.3	91.8	-14	118.2
5280	5.3	90.6	-13	120.8
5290	6.1	89.3	-12	123.5
5300	6.1	88.1	-11	126.4
5310	5.6	86.8	-9	129.3
5320	5.7	85.5	-8	132.5
5330	6.0	84.1	-7	134.9
5340	6.0	82.8	-5	137.9

5350	5.3	81.4	-4	140.8
5360	5.8	79.9	-2	143.2
5370	5.6	78.5	-1	145.8
5380	4.6	77.0	0	148.5
5390	5.4	75.5	2	150.6
5400	5.7	74.0	3	153.3
5410	4.7	72.5	5	140.0
5420	16.3	71.0	6	127.7
5430	21.2	69.7	8	137.3
5440	14.5	68.6	9	108.8
5450	13.3	67.6	10	95.0
5460	15.2	66.7	11	91.5
5470	12.1	66.0	11	64.9
5480	12.3	65.3	12	63.3
5490	11.9	64.8	13	55.6
5500	8.4	64.3	13	48.1
5510	7.7	63.8	14	46.0
5520	8.4	63.5	14	36.7
5530	7.2	63.1	14	31.9
5540	6.4	62.8	15	30.3
5550	6.9	62.6	15	24.2
5560	7.1	62.4	15	21.5
5570	6.6	62.2	15	16.7
5580	6.6	62.0	15	16.5
5590	6.2	61.9	16	12.7
5600	5.0	61.7	16	12.5
5610	3.8	61.6	16	11.9
5620	3.3	61.5	16	9.0
5630	1.8	61.4	16	8.2
5640	0.7	61.4	16	6.9
5650	0.3	61.3	16	6.1
5660	0.0	61.2	16	5.8
5670	0.0	61.2	16	4.5
5680	0.0	61.2	16	3.4
5690	-0.3	61.1	16	3.1
5700	-0.5	61.1	16	2.9
5710	-0.9	61.1	16	2.9
5720	-4.7	61.0	16	1.8
5730	-4.3	61.0	16	-1.0
5740	-1.5	61.1	16	-2.6
5750	-3.8	61.1	16	-3.1
5760	-5.3	61.1	16	-5.5
5770	-3.0	61.2	16	-8.7
5780	-4.7	61.3	16	-10.6
5790	-5.6	61.4	16	-13.3
5800	-3.7	61.6	16	-16.7
5810	-4.9	61.7	16	-18.6
5820	-6.2	61.9	16	-19.7
5830	-5.0	62.1	15	-22.6
5840	-6.0	62.4	15	-23.1
5850	-7.9	62.7	15	-31.1
5860	-6.8	63.0	14	-36.4
5870	-6.9	63.3	14	-37.0
5880	-8.1	63.7	14	-36.7

5890	-8.0	64.2	13	-49.5
5900	-7.7	64.7	13	-54.0
5910	-8.5	65.2	12	-52.9
5920	-8.4	65.7	12	-52.1
5930	-8.4	66.4	11	-56.1
5940	-8.9	67.0	10	-73.4
5950	-9.2	67.7	10	-78.5
5960	-8.8	68.5	9	-84.1
5970	-8.9	69.3	8	-81.1
5980	-9.2	70.1	7	-77.2
5990	-8.9	71.0	6	-81.1
6000	-8.3	71.9	6	-85.7
6010	-8.5	73.0	4	-99.5
6020	-8.8	74.0	3	-104.0
6030	-8.1	75.1	2	-108.8
6040	-8.7	76.2	1	-113.1
6050	-8.7	77.4	0	-117.9
6060	-8.7	78.6	-1	-122.4
6070	-8.4	79.8	-2	-126.9
6080	-8.0	81.1	-4	-130.9
6090	-7.7	82.5	-5	-135.2
6100	-7.7	83.9	-6	-139.2
6110	-7.9	85.3	-8	-142.9
6120	-8.1	86.7	-9	-146.9
6130	-7.5	88.2	-11	-151.2
6140	-8.5	89.8	-12	-154.9
6150	-7.6	91.4	-14	-159.2
6160	-7.9	93.0	-16	-162.9
6170	-7.9	94.6	-17	-166.9
6180	-7.6	96.3	-19	-170.9
6190	-7.7	98.1	-21	-174.6
6200	-6.1	99.9	-22	-178.1
6210	-6.6	101.7	-24	-181.2
6220	-6.6	103.5	-26	-184.2
6230	-7.3	105.4	-28	-187.1
6240	-15.9	107.1	-30	-158.6
6250	-28.6	108.7	-31	-150.9
6260	-25.1	110.0	-33	-115.0
6270	-14.2	111.1	-34	-107.5
6280	-18.2	112.1	-35	-99.8
6290	-18.6	112.9	-35	-77.4
6300	-13.4	113.6	-36	-65.2
6310	-10.6	114.1	-37	-49.5
6320	-12.3	114.6	-37	-46.5
6330	-10.3	115.0	-38	-35.1
6340	-7.6	115.4	-38	-36.4
6350	-7.1	115.7	-38	-28.2
6360	-6.8	115.9	-38	-21.8
6370	-5.8	116.2	-39	-22.0
6380	-5.0	116.3	-39	-17.0
6390	-5.2	116.5	-39	-13.0
6400	-5.3	116.6	-39	-12.2
6410	-4.2	116.7	-39	-9.5
6420	-3.5	116.8	-39	-9.5

6430	-3.0	116.9	-39	-7.4
6440	-1.8	116.9	-39	-5.3
6450	-0.3	117.0	-40	-5.5
6460	0.0	117.0	-40	-4.5
6470	0.0	117.1	-40	-3.1
6480	0.0	117.1	-40	-2.9
6490	0.4	117.1	-40	-2.6
6500	0.5	117.2	-40	-2.1
6510	0.5	117.2	-40	-1.5
6520	0.9	117.2	-40	-1.3
6530	4.1	117.2	-40	-0.5
6540	5.2	117.2	-40	0.7
6550	1.5	117.2	-40	2.9
6560	2.2	117.1	-40	3.1
6570	4.2	117.1	-40	4.5
6580	2.8	117.0	-40	6.3
6590	2.4	116.9	-39	7.9
6600	3.8	116.8	-39	9.3
6610	3.0	116.7	-39	10.9
6620	2.7	116.6	-39	12.5
6630	4.1	116.4	-39	14.1
6640	3.9	116.3	-39	15.7
6650	3.7	116.1	-39	21.5
6660	4.7	115.9	-38	21.5
6670	4.6	115.6	-38	24.2
6680	4.1	115.4	-38	23.9
6690	4.6	115.1	-38	31.6
6700	4.5	114.8	-37	31.1
6710	3.8	114.5	-37	30.0
6720	4.2	114.1	-37	39.1
6730	4.2	113.7	-36	41.5
6740	3.9	113.3	-36	40.1
6750	4.3	112.9	-35	38.0
6760	4.9	112.5	-35	49.2
6770	5.0	112.0	-35	47.3
6780	5.0	111.5	-34	44.7
6790	5.3	111.0	-34	57.7
6800	5.2	110.4	-33	59.9
6810	5.0	109.9	-32	63.6
6820	5.0	109.3	-32	66.8
6830	5.0	108.6	-31	69.4
6840	4.7	108.0	-31	72.1
6850	5.2	107.3	-30	75.0
6860	5.2	106.6	-29	77.7
6870	5.0	105.9	-28	80.6
6880	5.0	105.1	-28	76.9
6890	5.0	104.3	-27	78.5
6900	5.2	103.5	-26	81.1
6910	5.0	102.7	-25	83.8
6920	4.5	101.9	-24	86.2
6930	5.0	101.0	-24	88.6
6940	4.5	100.1	-23	91.3
6950	4.9	99.1	-22	93.4
6960	5.6	98.2	-21	96.3

6970	4.9	97.2	-20	98.7
6980	4.9	96.2	-19	101.4
6990	4.9	95.2	-18	104.0
7000	5.4	94.1	-17	106.2
7010	5.3	93.0	-16	109.1
7020	5.3	91.9	-14	111.8
7030	5.2	90.8	-13	113.9
7040	5.4	89.6	-12	116.6
7050	5.6	88.4	-11	119.2
7060	5.0	87.2	-10	121.9
7070	5.2	86.0	-9	124.3
7080	5.6	84.7	-7	126.9
7090	5.3	83.4	-6	129.3
7100	5.3	82.1	-5	132.0
7110	5.4	80.8	-3	134.4
7120	5.4	79.4	-2	136.8
7130	5.3	78.0	-1	139.5
7140	4.5	76.6	1	142.1
7150	5.6	75.2	2	144.0
7160	5.2	73.7	4	146.9
7170	4.6	72.3	5	133.6
7180	17.8	70.8	7	147.4
7190	19.7	69.7	8	119.0
7200	12.7	68.6	9	103.8
7210	13.7	67.7	10	81.7
7220	15.1	66.8	11	80.6
7230	12.1	66.1	11	70.5
7240	12.7	65.5	12	62.0
7250	11.4	64.9	13	54.3
7260	8.5	64.4	13	42.8
7270	8.3	64.0	13	42.0
7280	8.7	63.6	14	36.7
7290	7.2	63.2	14	35.4
7300	6.6	63.0	14	28.2
7310	7.7	62.7	15	25.0
7320	7.7	62.5	15	19.7
7330	7.2	62.3	15	19.4
7340	7.2	62.1	15	15.1
7350	6.4	62.0	15	14.9
7360	5.4	61.8	16	14.1
7370	4.6	61.7	16	11.4
7380	3.7	61.6	16	10.1
7390	3.1	61.5	16	7.7
7400	2.3	61.4	16	7.4
7410	1.9	61.4	16	7.1
7420	1.8	61.3	16	6.1
7430	1.2	61.2	16	4.7
7440	0.9	61.2	16	4.7
7450	0.5	61.2	16	3.7
7460	0.0	61.1	16	3.4
7470	0.0	61.1	16	3.1
7480	-0.4	61.1	16	2.6
7490	-0.8	61.0	16	2.1
7500	-1.1	61.0	16	2.1

7510	-6.5	61.0	16	0.5
7520	-5.2	61.0	16	-2.1
7530	-0.4	61.1	16	-4.7
7540	-3.4	61.1	16	-4.2
7550	-5.7	61.2	16	-6.3
7560	-1.5	61.2	16	-8.2
7570	-3.9	61.3	16	-9.0
7580	-5.7	61.5	16	-11.1
7590	-2.4	61.6	16	-13.5
7600	-4.1	61.8	16	-14.9
7610	-5.8	62.0	15	-20.7
7620	-3.8	62.2	15	-21.2
7630	-4.3	62.4	15	-23.6
7640	-6.5	62.6	15	-23.4
7650	-5.3	62.9	15	-32.4
7660	-5.7	63.3	14	-32.7
7670	-7.7	63.6	14	-32.2
7680	-7.2	64.0	13	-43.6
7690	-6.9	64.4	13	-47.9
7700	-8.3	64.9	13	-47.1
7710	-8.0	65.4	12	-46.0
7720	-7.1	65.9	12	-61.4
7730	-8.3	66.5	11	-59.6
7740	-8.3	67.1	10	-57.2
7750	-7.6	67.8	10	-62.2
7760	-8.1	68.5	9	-64.6
7770	-8.0	69.3	8	-68.9
7780	-7.9	70.1	7	-72.4
7790	-8.7	70.9	7	-76.1
7800	-8.1	71.8	6	-80.1
7810	-7.7	72.7	5	-84.1
7820	-8.7	73.7	4	-97.4
7830	-8.0	74.7	3	-102.4
7840	-7.7	75.8	2	-106.4
7850	-8.0	76.9	1	-110.4
7860	-8.8	78.0	-1	-115.0
7870	-7.9	79.2	-2	-119.5
7880	-8.1	80.4	-3	-124.0
7890	-8.3	81.7	-4	-128.0
7900	-7.9	83.0	-6	-132.5
7910	-8.3	84.4	-7	-136.5
7920	-7.9	85.8	-8	-141.0
7930	-9.1	87.2	-10	-145.3
7940	-8.3	88.7	-11	-149.8
7950	-8.1	90.2	-13	-153.8
7960	-8.0	91.8	-14	-158.1
7970	-7.7	93.4	-16	-162.1
7980	-8.9	95.1	-18	-165.8
7990	-8.0	96.7	-19	-170.3
8000	-8.3	98.5	-21	-174.3
8010	-7.6	100.3	-23	-178.1
8020	-8.0	102.1	-25	-182.0
8030	-7.9	103.9	-26	-186.0
8040	-8.9	105.7	-28	-170.9

8050	-24.1	107.5	-30	-154.6
8060	-32.3	109.0	-32	-146.9
8070	-25.4	110.3	-33	-111.0
8080	-17.5	111.4	-34	-103.5
8090	-22.6	112.3	-35	-87.8
8100	-21.7	113.2	-36	-81.4
8110	-16.8	113.8	-36	-62.5
8120	-15.1	114.3	-37	-52.4
8130	-16.8	114.8	-37	-39.6
8140	-14.2	115.2	-38	-37.2
8150	-11.5	115.5	-38	-28.2
8160	-11.8	115.8	-38	-26.3
8170	-10.6	116.0	-39	-20.2
8180	-9.2	116.2	-39	-18.6
8190	-8.7	116.4	-39	-14.1
8200	-8.8	116.5	-39	-13.5
8210	-7.9	116.6	-39	-10.1
8220	-6.5	116.7	-39	-10.3
8230	-5.7	116.8	-39	-7.9
8240	-5.2	116.9	-39	-5.8
8250	-3.8	116.9	-39	-5.8
8260	-2.6	117.0	-40	-4.5
8270	-2.2	117.0	-40	-3.7
8280	-1.9	117.1	-40	-2.9
8290	-1.5	117.1	-40	-2.3
8300	-1.4	117.1	-40	-1.8
8310	-1.5	117.1	-40	-1.8
8320	-1.5	117.1	-40	-1.5
8330	-1.1	117.2	-40	-1.3
8340	-0.5	117.2	-40	-1.0
8350	0.0	117.2	-40	-1.0
8360	0.1	117.2	-40	-0.7
8370	0.4	117.2	-40	-0.7
8380	0.7	117.2	-40	0.0
8390	0.7	117.2	-40	0.0
8400	0.7	117.2	-40	0.0
8410	0.7	117.2	-40	0.5
8420	1.2	117.2	-40	1.0
8430	4.9	117.2	-40	0.5
8440	2.2	117.2	-40	3.9
8450	0.9	117.1	-40	5.0
8460	3.3	117.1	-40	6.1
8470	3.4	117.0	-40	7.7
8480	2.4	116.9	-39	9.8
8490	3.7	116.8	-39	11.4
8500	3.9	116.7	-39	13.0
8510	3.1	116.6	-39	14.1
8520	3.8	116.4	-39	14.3
8530	4.3	116.2	-39	15.9
8540	3.8	116.0	-39	22.6
8550	4.2	115.8	-38	22.3
8560	4.5	115.6	-38	22.3
8570	4.3	115.3	-38	29.8
8580	4.6	115.0	-38	32.4

8590	5.0	114.7	-37	34.6
8600	4.7	114.3	-37	38.0
8610	4.7	114.0	-37	37.2
8620	5.0	113.6	-36	35.6
8630	4.6	113.2	-36	38.0
8640	4.7	112.7	-35	49.5
8650	5.3	112.3	-35	51.3
8660	5.3	111.8	-34	55.1
8670	5.2	111.2	-34	57.7
8680	5.4	110.7	-33	55.6
8690	5.2	110.1	-33	52.4
8700	4.9	109.5	-32	67.0
8710	5.7	108.9	-31	69.7
8720	5.4	108.2	-31	72.9
8730	5.4	107.5	-30	76.1
8740	5.4	106.8	-29	79.0
8750	5.4	106.1	-29	82.2
8760	5.4	105.3	-28	84.9
8770	5.2	104.5	-27	80.3
8780	5.2	103.7	-26	82.7
8790	5.4	102.8	-25	85.7
8800	4.9	102.0	-25	88.6
8810	5.0	101.1	-24	91.0
8820	4.7	100.1	-23	93.4
8830	4.7	99.2	-22	95.8
8840	5.3	98.2	-21	98.5
8850	4.6	97.2	-20	100.8
8860	4.3	96.2	-19	103.5
8870	4.3	95.1	-18	105.6
8880	4.9	94.0	-17	107.8
8890	4.7	92.9	-15	110.2
8900	4.2	91.8	-14	112.3
8910	4.6	90.7	-13	114.4
8920	4.7	89.5	-12	116.6
8930	5.2	88.3	-11	118.7
8940	4.3	87.1	-10	121.1
8950	4.2	85.9	-8	123.2
8960	4.7	84.7	-7	125.3
8970	4.5	83.4	-6	126.9
8980	4.3	82.1	-5	129.1
8990	4.6	80.8	-3	130.9
9000	4.5	79.5	-2	133.1
9010	4.2	78.1	-1	135.2
9020	3.9	76.8	1	136.8
9030	4.6	75.4	2	138.7
9040	4.6	74.0	3	140.5
9050	4.2	72.6	5	128.0
9060	12.5	71.3	6	119.2
9070	18.0	70.0	7	129.6
9080	12.5	69.0	8	104.0
9090	11.4	68.0	9	91.8
9100	14.0	67.2	10	89.4
9110	11.3	66.5	11	71.8
9120	11.4	65.8	12	63.3

9130	11.3	65.2	12	56.1
9140	8.4	64.7	13	49.5
9150	7.3	64.2	13	47.9
9160	7.9	63.9	14	38.6
9170	7.2	63.5	14	33.8
9180	6.2	63.2	14	32.7
9190	6.6	62.9	15	23.6
9200	7.2	62.7	15	23.4
9210	6.6	62.5	15	22.6
9220	6.2	62.3	15	18.3
9230	5.4	62.1	15	17.5
9240	4.3	62.0	15	12.7
9250	3.7	61.8	16	12.5
9260	2.6	61.7	16	11.9
9270	1.5	61.6	16	9.5
9280	1.4	61.5	16	9.0
9290	0.5	61.5	16	7.1
9300	0.0	61.4	16	6.3
9310	0.0	61.3	16	5.3
9320	0.0	61.3	16	5.5
9330	-0.1	61.2	16	5.0
9340	-0.7	61.2	16	3.9
9350	-1.5	61.2	16	2.9
9360	-8.0	61.1	16	1.8
9370	-2.7	61.2	16	-1.0
9380	-0.8	61.2	16	-2.1
9390	-5.2	61.2	16	-2.6
9400	-4.1	61.2	16	-5.0
9410	-1.9	61.3	16	-6.6
9420	-4.3	61.4	16	-7.9
9430	-4.6	61.5	16	-11.1
9440	-2.2	61.6	16	-14.9
9450	-4.3	61.8	16	-14.6
9460	-5.6	61.9	16	-15.1
9470	-3.9	62.1	15	-17.8
9480	-5.4	62.3	15	-19.7
9490	-6.9	62.6	15	-27.4
9500	-5.4	62.9	15	-28.7
9510	-6.0	63.2	14	-28.4
9520	-7.2	63.5	14	-38.6
9530	-6.2	63.9	14	-38.6
9540	-6.0	64.3	13	-41.7
9550	-7.5	64.7	13	-40.7
9560	-6.9	65.2	12	-54.0
9570	-6.0	65.8	12	-58.0
9580	-7.2	66.3	11	-55.9
9590	-7.6	66.9	11	-53.7
9600	-6.2	67.5	10	-69.4
9610	-6.9	68.2	9	-73.4
9620	-7.2	68.9	9	-76.4
9630	-6.1	69.6	8	-81.4
9640	-6.8	70.3	7	-77.2
9650	-7.2	71.1	6	-72.4
9660	-6.2	72.0	5	-75.8

9670	-6.6	72.8	5	-78.5
9680	-7.2	73.8	4	-90.7
9690	-6.1	74.7	3	-94.5
9700	-6.1	75.7	2	-97.7
9710	-7.1	76.7	1	-101.1
9720	-7.2	77.7	0	-104.8
9730	-6.2	78.8	-1	-108.3
9740	-7.5	79.9	-2	-111.8
9750	-6.9	81.1	-4	-115.2
9760	-6.1	82.2	-5	-119.0
9770	-6.9	83.5	-6	-122.1
9780	-7.2	84.7	-7	-125.6
9790	-6.4	86.0	-9	-129.3
9800	-7.6	87.3	-10	-132.5
9810	-7.6	88.7	-11	-136.5
9820	-6.6	90.0	-13	-139.7
9830	-6.9	91.5	-14	-143.2
9840	-7.5	92.9	-15	-146.9
9850	-7.1	94.4	-17	-150.4
9860	-7.2	96.0	-19	-154.1
9870	-8.0	97.5	-20	-157.3
9880	-6.1	99.1	-22	-161.3
9890	-6.8	100.8	-23	-164.2
9900	-6.8	102.4	-25	-167.1
9910	-6.2	104.1	-27	-170.9
9920	-6.9	105.8	-28	-156.2
9930	-21.6	107.4	-30	-140.8
9940	-26.7	108.8	-31	-135.5
9950	-18.8	110.1	-33	-127.2
9960	-14.5	111.1	-34	-99.0
9970	-18.7	111.9	-34	-85.1
9980	-18.3	112.7	-35	-80.1
9990	-13.3	113.4	-36	-62.5
10000	-11.4	113.9	-36	-58.5
10010	-13.2	114.4	-37	-45.7
10020	-10.6	114.8	-37	-35.9
10030	-7.9	115.2	-38	-36.4
10040	-8.5	115.4	-38	-28.4
10050	-8.0	115.7	-38	-27.1
10060	-6.1	115.9	-38	-21.0
10070	-5.8	116.1	-39	-19.9
10080	-6.2	116.3	-39	-15.4
10090	-5.8	116.4	-39	-13.3
10100	-4.9	116.5	-39	-10.1
10110	-4.2	116.6	-39	-10.6
10120	-3.5	116.7	-39	-8.5
10130	-2.2	116.8	-39	-6.6
10140	-1.4	116.9	-39	-6.6
10150	-1.1	116.9	-39	-5.0
10160	-0.5	116.9	-39	-3.7
10170	0.0	117.0	-40	-4.2
10180	-0.1	117.0	-40	-3.1
10190	-0.1	117.0	-40	-2.9
10200	0.0	117.1	-40	-2.3

10210	0.0	117.1	-40	-1.5
10220	0.4	117.1	-40	-1.5
10230	0.7	117.1	-40	-1.3
10240	0.8	117.1	-40	-0.7
10250	1.4	117.1	-40	-0.5
10260	7.2	117.1	-40	0.7
10270	3.3	117.1	-40	3.4
10280	0.0	117.1	-40	5.3
10290	3.1	117.0	-40	5.3
10300	3.4	117.0	-40	6.9
10310	1.4	116.9	-39	9.3
10320	3.1	116.8	-39	10.1
10330	3.9	116.7	-39	11.7
10340	2.0	116.6	-39	12.7
10350	2.8	116.4	-39	12.5
10360	4.2	116.3	-39	13.8
10370	3.1	116.1	-39	19.4
10380	3.5	115.9	-38	21.2
10390	4.2	115.7	-38	21.2
10400	3.7	115.5	-38	21.0
10410	3.9	115.2	-38	25.5
10420	4.1	115.0	-38	30.3
10430	3.8	114.7	-37	29.8
10440	3.9	114.4	-37	28.7
10450	4.1	114.0	-37	30.6
10460	4.1	113.7	-36	35.9
10470	4.1	113.3	-36	42.0
10480	4.1	112.9	-35	44.1
10490	4.1	112.5	-35	46.8
10500	4.3	112.1	-35	44.7
10510	4.6	111.6	-34	42.3
10520	4.5	111.1	-34	54.3
10530	4.5	110.6	-33	51.6
10540	4.2	110.1	-33	48.4
10550	4.2	109.5	-32	50.5
10560	4.3	108.9	-31	52.1
10570	3.9	108.3	-31	54.3
10580	4.2	107.7	-30	56.1
10590	4.1	107.1	-30	58.0
10600	4.1	106.4	-29	59.9
10610	4.1	105.7	-28	61.4
10620	3.9	105.0	-28	70.2
10630	3.5	104.3	-27	72.6
10640	3.8	103.5	-26	74.2
10650	3.7	102.8	-25	76.4
10660	3.3	102.0	-25	78.2
10670	3.7	101.2	-24	79.8
10680	3.1	100.4	-23	81.1
10690	3.1	99.6	-22	82.7
10700	3.7	98.7	-21	84.3
10710	3.4	97.9	-20	86.2
10720	3.4	97.0	-20	87.8
10730	3.3	96.1	-19	89.4
10740	3.0	95.2	-18	91.0

10750	3.3	94.3	-17	92.3
10760	3.8	93.3	-16	93.9
10770	3.4	92.4	-15	95.8
10780	3.1	91.4	-14	97.1
10790	3.7	90.4	-13	98.7
10800	3.7	89.4	-12	100.3
10810	3.8	88.4	-11	102.2
10820	3.8	87.4	-10	103.8
10830	3.8	86.3	-9	105.6
10840	3.8	85.3	-8	107.2
10850	4.1	84.2	-7	109.1
10860	4.2	83.1	-6	111.0
10870	4.1	81.9	-4	113.1
10880	4.5	80.8	-3	115.0
10890	4.5	79.6	-2	117.4
10900	4.5	78.4	-1	119.2
10910	3.9	77.2	0	121.6
10920	4.6	76.0	1	123.2
10930	5.4	74.8	3	125.3
10940	4.5	73.5	4	128.0
10950	5.6	72.2	5	141.3
10960	15.5	71.1	6	117.4
10970	15.5	70.0	7	94.5
10980	11.1	69.0	8	93.9
10990	12.6	68.1	9	83.8
11000	12.9	67.4	10	67.6
11010	10.8	66.7	11	67.3
11020	11.5	66.1	11	60.1
11030	10.2	65.5	12	48.1
11040	7.9	65.0	12	48.1
11050	7.9	64.6	13	42.8
11060	7.9	64.2	13	38.6
11070	7.5	63.8	14	30.8
11080	7.7	63.5	14	30.6
11090	7.9	63.2	14	30.0
11100	7.6	63.0	14	24.4
11110	7.7	62.7	15	22.0
11120	7.3	62.5	15	17.5
11130	6.4	62.3	15	17.8
11140	5.7	62.2	15	15.7
11150	4.9	62.0	15	12.7
11160	4.2	61.9	16	12.5
11170	3.1	61.8	16	12.2
11180	2.4	61.7	16	8.7
11190	1.9	61.6	16	9.0
11200	1.5	61.5	16	6.9
11210	0.3	61.4	16	6.9
11220	0.0	61.4	16	6.3
11230	0.0	61.3	16	5.5
11240	-0.5	61.3	16	4.5
11250	-1.1	61.2	16	5.0
11260	-8.4	61.2	16	3.4
11270	-5.6	61.2	16	-1.5
11280	-1.8	61.2	16	-3.4

11290	-5.0	61.3	16	-3.9
11300	-7.2	61.3	16	-7.1
11310	-3.8	61.4	16	-11.9
11320	-6.1	61.6	16	-14.3
11330	-7.9	61.7	16	-17.8
11340	-4.3	61.9	16	-21.8
11350	-5.8	62.1	15	-24.7
11360	-8.0	62.4	15	-25.8
11370	-6.1	62.6	15	-26.8
11380	-6.2	63.0	14	-36.4
11390	-8.9	63.3	14	-36.7
11400	-8.1	63.7	14	-37.2
11410	-7.6	64.2	13	-50.3
11420	-9.5	64.7	13	-49.5
11430	-8.9	65.2	12	-48.9
11440	-7.6	65.8	12	-54.0
11450	-9.1	66.4	11	-57.2
11460	-9.5	67.1	10	-75.0
11470	-8.3	67.8	10	-80.3
11480	-8.9	68.6	9	-85.7
11490	-9.6	69.4	8	-89.4
11500	-8.9	70.3	7	-96.3
11510	-9.8	71.2	6	-101.6
11520	-9.6	72.1	5	-107.2
11530	-8.5	73.1	4	-112.3
11540	-9.1	74.2	3	-106.7
11550	-8.1	75.3	2	-111.8
11560	-8.1	76.5	1	-115.8
11570	-8.0	77.6	0	-120.3
11580	-7.9	78.9	-1	-124.3
11590	-7.6	80.2	-3	-128.8
11600	-7.3	81.5	-4	-132.5
11610	-7.9	82.8	-5	-136.3
11620	-7.7	84.2	-7	-140.2
11630	-7.2	85.7	-8	-144.5
11640	-8.8	87.1	-10	-148.2
11650	-8.1	88.6	-11	-152.5
11660	-7.9	90.2	-13	-156.5
11670	-7.9	91.8	-14	-160.2
11680	-8.1	93.4	-16	-164.5
11690	-8.9	95.1	-18	-168.2
11700	-8.1	96.8	-19	-173.0
11710	-8.8	98.6	-21	-177.0
11720	-8.3	100.4	-23	-181.2
11730	-8.5	102.2	-25	-185.5
11740	-9.1	104.1	-27	-189.8
11750	-9.6	106.0	-29	-194.0
11760	-27.8	107.7	-30	-172.5
11770	-34.2	109.3	-32	-146.6
11780	-25.8	110.6	-33	-110.4
11790	-21.4	111.6	-34	-103.0
11800	-26.8	112.5	-35	-86.7
11810	-24.8	113.3	-36	-65.7
11820	-20.2	114.0	-37	-61.4

11830	-20.2	114.5	-37	-46.3
11840	-20.1	115.0	-38	-43.3
11850	-17.0	115.3	-38	-32.7
11860	-15.6	115.7	-38	-30.6
11870	-15.7	115.9	-38	-23.1
11880	-14.1	116.1	-39	-21.5
11890	-12.3	116.3	-39	-16.2
11900	-12.6	116.5	-39	-16.5
11910	-12.3	116.6	-39	-12.7
11920	-10.8	116.7	-39	-9.5
11930	-9.5	116.8	-39	-9.8
11940	-8.7	116.9	-39	-7.4
11950	-6.8	117.0	-40	-5.5
11960	-4.7	117.0	-40	-5.0
11970	-3.8	117.1	-40	-4.5
11980	-2.8	117.1	-40	-3.9
11990	-1.8	117.1	-40	-2.9
12000	-1.1	117.2	-40	-2.3
12010	-0.9	117.2	-40	-1.8
12020	-0.9	117.2	-40	-1.8
12030	-0.4	117.2	-40	-1.3
12040	0.0	117.2	-40	-1.0
12050	0.4	117.2	-40	-0.5
12060	0.5	117.3	-40	-0.5
12070	0.8	117.3	-40	0.0
12080	0.8	117.3	-40	0.2
12090	1.6	117.3	-40	0.2
12100	9.2	117.2	-40	2.3
12110	3.4	117.2	-40	5.5
12120	0.3	117.1	-40	7.7
12130	5.2	117.0	-40	8.2
12140	4.2	117.0	-40	10.6
12150	1.8	116.8	-39	12.2
12160	5.2	116.7	-39	14.6
12170	5.0	116.6	-39	15.7
12180	2.6	116.4	-39	16.5
12190	4.9	116.2	-39	19.9
12200	5.2	116.0	-39	24.7
12210	3.8	115.7	-38	25.0
12220	4.7	115.5	-38	24.7
12230	5.3	115.1	-38	33.0
12240	4.5	114.8	-37	32.7
12250	4.7	114.5	-37	31.6
12260	5.0	114.1	-37	33.8
12270	4.5	113.7	-36	36.2
12280	4.6	113.3	-36	38.6
12290	4.7	112.9	-35	45.5
12300	4.6	112.4	-35	52.9
12310	5.3	111.9	-34	54.8
12320	5.4	111.3	-34	58.3
12330	5.0	110.8	-33	61.4
12340	5.2	110.2	-33	64.4
12350	5.3	109.6	-32	67.0
12360	5.6	109.0	-32	63.8

12370	5.3	108.3	-31	73.2
12380	5.7	107.6	-30	76.4
12390	5.6	106.9	-29	79.6
12400	5.4	106.2	-29	82.7
12410	5.3	105.4	-28	85.9
12420	5.0	104.6	-27	80.6
12430	5.2	103.8	-26	83.5
12440	5.7	102.9	-25	86.2
12450	5.4	102.0	-25	89.1
12460	5.6	101.1	-24	92.1
12470	5.3	100.1	-23	95.0
12480	5.6	99.2	-22	97.7
12490	6.1	98.2	-21	100.6
12500	5.7	97.2	-20	103.5
12510	5.8	96.1	-19	106.4
12520	5.4	95.0	-18	109.6
12530	5.4	93.9	-16	112.3
12540	6.1	92.7	-15	115.2
12550	5.7	91.6	-14	117.9
12560	5.8	90.4	-13	120.8
12570	6.1	89.1	-12	123.5
12580	6.0	87.9	-10	126.4
12590	5.4	86.6	-9	129.3
12600	5.7	85.3	-8	132.3
12610	5.4	83.9	-6	134.9
12620	5.8	82.6	-5	137.9
12630	5.7	81.2	-4	140.5
12640	6.0	79.7	-2	143.2
12650	6.0	78.3	-1	145.8
12660	5.3	76.8	1	148.8
12670	6.1	75.3	2	151.2
12680	6.4	73.8	4	154.1
12690	5.7	72.3	5	140.8
12700	19.7	70.8	7	154.9
12710	22.1	69.5	8	124.0
12720	14.6	68.4	9	107.2
12730	15.6	67.5	10	93.7
12740	16.0	66.6	11	73.4
12750	13.8	65.9	12	71.3
12760	14.9	65.2	12	62.2
12770	12.7	64.7	13	54.5
12780	8.9	64.1	13	51.9
12790	9.4	63.7	14	40.9
12800	9.6	63.4	14	35.6
12810	8.5	63.0	14	31.1
12820	8.5	62.8	15	24.4
12830	8.9	62.5	15	23.9
12840	8.8	62.3	15	18.9
12850	9.1	62.1	15	19.9
12860	8.8	61.9	16	15.9
12870	7.7	61.8	16	13.8
12880	7.1	61.7	16	10.9
12890	6.2	61.6	16	10.3
12900	5.4	61.5	16	8.7

12910	4.6	61.4	16	6.9
12920	4.3	61.3	16	6.9
12930	4.2	61.3	16	5.3
12940	3.7	61.2	16	5.0
12950	3.4	61.2	16	3.7
12960	3.0	61.1	16	4.2
12970	2.4	61.1	16	3.1
12980	1.8	61.1	16	2.9
12990	1.1	61.0	16	2.9
13000	0.0	61.0	16	2.1
13010	0.0	61.0	16	1.5
13020	-0.5	61.0	16	1.8
13030	-0.8	61.0	16	1.3
13040	-1.1	60.9	17	0.7
13050	-7.6	60.9	17	-0.2
13060	-4.1	61.0	16	-3.4
13070	0.0	61.0	16	-5.0
13080	-4.1	61.1	16	-5.3
13090	-5.6	61.1	16	-6.6
13100	-1.5	61.2	16	-9.0
13110	-4.9	61.3	16	-10.1
13120	-6.1	61.5	16	-12.5
13130	-2.7	61.6	16	-14.9
13140	-5.0	61.8	16	-16.7
13150	-6.9	62.0	15	-23.4
13160	-4.3	62.2	15	-24.2
13170	-5.3	62.5	15	-24.2
13180	-7.3	62.8	15	-33.0
13190	-5.7	63.1	14	-33.5
13200	-5.7	63.5	14	-33.2
13210	-8.0	63.9	14	-44.1
13220	-7.3	64.3	13	-43.9
13230	-6.6	64.8	13	-43.1
13240	-7.9	65.3	12	-56.7
13250	-8.0	65.8	12	-55.3
13260	-7.5	66.4	11	-53.7
13270	-8.4	67.1	10	-70.0
13280	-8.7	67.7	10	-74.5
13290	-8.3	68.5	9	-79.8
13300	-9.1	69.2	8	-84.9
13310	-9.6	70.0	7	-89.9
13320	-9.6	70.9	7	-95.3
13330	-9.1	71.8	6	-101.1
13340	-9.4	72.7	5	-106.2
13350	-9.6	73.7	4	-101.4
13360	-9.1	74.8	3	-107.2
13370	-9.5	75.9	2	-111.8
13380	-10.0	77.1	0	-117.1
13390	-9.6	78.3	-1	-122.4
13400	-9.2	79.5	-2	-127.5
13410	-9.1	80.9	-3	-132.3
13420	-8.5	82.2	-5	-137.1
13430	-8.7	83.6	-6	-141.3
13440	-8.8	85.1	-8	-145.8

13450	-8.9	86.6	-9	-150.4
13460	-8.1	88.1	-11	-155.2
13470	-8.7	89.7	-12	-159.2
13480	-7.5	91.3	-14	-163.7
13490	-7.9	93.0	-16	-167.4
13500	-7.7	94.7	-17	-171.1
13510	-7.9	96.4	-19	-175.1
13520	-7.7	98.2	-21	-178.9
13530	-6.2	100.0	-23	-182.3
13540	-6.9	101.9	-24	-185.5
13550	-6.4	103.7	-26	-188.4
13560	-6.6	105.5	-28	-172.5
13570	-18.6	107.4	-30	-158.4
13580	-29.0	108.9	-31	-149.6
13590	-22.4	110.3	-33	-138.1
13600	-13.3	111.4	-34	-105.1
13610	-18.6	112.3	-35	-88.9
13620	-17.6	113.1	-36	-82.2
13630	-11.5	113.7	-36	-62.8
13640	-9.4	114.3	-37	-57.7
13650	-11.7	114.7	-37	-44.4
13660	-8.7	115.2	-38	-40.9
13670	-5.4	115.5	-38	-31.1
13680	-5.4	115.8	-38	-28.7
13690	-5.6	116.0	-39	-22.3
13700	-4.3	116.2	-39	-20.4
13710	-4.1	116.3	-39	-15.9
13720	-4.7	116.5	-39	-12.2
13730	-4.6	116.6	-39	-12.2
13740	-3.5	116.7	-39	-9.5
13750	-3.3	116.8	-39	-7.1
13760	-2.8	116.8	-39	-7.4
13770	-1.8	116.9	-39	-5.5
13780	-0.8	117.0	-40	-3.9
13790	-0.3	117.0	-40	-3.9
13800	-0.1	117.0	-40	-3.7
13810	-0.3	117.1	-40	-3.1
13820	-0.4	117.1	-40	-2.6
13830	-0.7	117.1	-40	-2.3
13840	-0.7	117.1	-40	-2.1
13850	-0.1	117.1	-40	-1.5
13860	0.0	117.1	-40	-1.3
13870	0.3	117.2	-40	-1.0
13880	0.5	117.2	-40	-1.0
13890	0.8	117.2	-40	-0.5
13900	0.8	117.2	-40	0.2
13910	1.2	117.2	-40	0.2
13920	7.7	117.2	-40	0.7
13930	3.7	117.1	-40	4.7
13940	0.3	117.1	-40	6.1
13950	3.4	117.0	-40	6.9
13960	4.5	116.9	-39	8.7
13970	2.3	116.8	-39	11.9
13980	3.8	116.7	-39	13.3

13990	4.7	116.6	-39	15.1
14000	3.5	116.4	-39	18.1
14010	4.2	116.2	-39	18.3
14020	5.3	116.0	-39	20.7
14030	4.3	115.8	-38	21.0
14040	4.1	115.5	-38	28.7
14050	5.6	115.3	-38	30.8
14060	5.0	115.0	-38	31.1
14070	4.5	114.6	-37	30.3
14080	5.2	114.3	-37	32.7
14090	5.2	113.9	-36	42.8
14100	5.0	113.5	-36	45.7
14110	5.0	113.1	-36	44.1
14120	5.0	112.6	-35	42.0
14130	5.0	112.1	-35	54.3
14140	4.7	111.6	-34	51.9
14150	5.0	111.1	-34	48.9
14160	5.2	110.5	-33	52.1
14170	4.7	109.9	-32	53.7
14180	5.2	109.3	-32	55.9
14190	5.2	108.7	-31	58.3
14200	4.9	108.0	-31	60.4
14210	5.2	107.3	-30	62.8
14220	4.9	106.6	-29	64.9
14230	4.7	105.9	-28	67.3
14240	5.0	105.1	-28	77.2
14250	4.5	104.3	-27	79.8
14260	5.0	103.4	-26	82.2
14270	5.2	102.6	-25	84.6
14280	4.9	101.7	-24	87.5
14290	5.0	100.8	-23	90.2
14300	5.0	99.9	-22	92.6
14310	5.2	99.0	-22	95.3
14320	5.3	98.0	-21	97.9
14330	5.6	97.0	-20	100.3
14340	4.7	96.0	-19	103.2
14350	5.2	94.9	-17	105.9
14360	5.2	93.8	-16	108.6
14370	5.4	92.7	-15	111.0
14380	5.3	91.6	-14	113.4
14390	5.0	90.5	-13	116.0
14400	5.4	89.3	-12	118.7
14410	5.3	88.1	-11	121.3
14420	4.9	86.8	-9	124.0
14430	5.0	85.6	-8	126.7
14440	5.3	84.3	-7	129.1
14450	5.6	83.0	-6	131.5
14460	5.2	81.6	-4	134.1
14470	5.8	80.3	-3	136.5
14480	5.4	78.9	-1	139.5
14490	5.2	77.5	0	141.6
14500	5.3	76.1	1	144.2
14510	6.5	74.6	3	146.9
14520	5.4	73.1	4	149.8

14530	8.8	71.6	6	161.0
14540	21.7	70.4	7	129.6
14550	17.6	69.1	8	124.8
14560	12.5	68.1	9	99.3
14570	17.4	67.2	10	87.3
14580	15.7	66.5	11	76.9
14590	13.0	65.7	12	73.4
14600	14.5	65.2	12	58.8
14610	12.2	64.6	13	51.6
14620	9.1	64.1	13	45.2
14630	9.6	63.7	14	43.1
14640	9.6	63.4	14	34.6
14650	7.9	63.1	14	30.0
14660	8.3	62.8	15	26.3
14670	9.5	62.6	15	20.7
14680	8.8	62.3	15	20.7
14690	8.7	62.2	15	19.7
14700	8.7	62.0	15	15.9
14710	7.7	61.9	16	13.8
14720	6.5	61.7	16	10.6
14730	5.6	61.6	16	10.6
14740	5.2	61.5	16	9.8
14750	3.9	61.4	16	7.7
14760	3.3	61.4	16	6.9
14770	3.0	61.3	16	5.5
14780	2.4	61.3	16	5.5
14790	1.8	61.2	16	4.2
14800	1.5	61.2	16	4.2
14810	0.8	61.1	16	3.1
14820	0.0	61.1	16	2.6
14830	0.0	61.1	16	2.3
14840	-0.4	61.1	16	2.1
14850	-0.7	61.0	16	1.5
14860	-0.8	61.0	16	1.3
14870	-3.3	61.0	16	0.5
14880	-7.5	61.0	16	-1.3
14890	-0.7	61.1	16	-4.7
14900	-2.0	61.1	16	-5.0
14910	-7.3	61.2	16	-6.6
14920	-2.6	61.2	16	-10.3
14930	-3.1	61.4	16	-12.2
14940	-7.2	61.5	16	-14.1
14950	-3.9	61.6	16	-18.1
14960	-3.4	61.8	16	-20.2
14970	-7.3	62.0	15	-20.4
14980	-5.8	62.2	15	-21.5
14990	-4.1	62.5	15	-25.0
15000	-7.5	62.8	15	-26.8
15010	-7.3	63.1	14	-37.0
15020	-5.4	63.5	14	-41.5
15030	-7.9	63.9	14	-40.7
15040	-8.7	64.3	13	-40.1
15050	-7.1	64.8	13	-54.3
15060	-8.3	65.3	12	-53.2

15070	-9.8	65.9	12	-57.7
15080	-9.1	66.5	11	-62.8
15090	-9.4	67.2	10	-67.3
15100	-11.1	67.9	10	-65.2
15110	-10.3	68.7	9	-85.7
15120	-10.0	69.5	8	-92.1
15130	-11.5	70.4	7	-97.7
15140	-11.4	71.3	6	-104.3
15150	-10.0	72.3	5	-110.7
15160	-11.0	73.4	4	-116.3
15170	-11.4	74.5	3	-112.0
15180	-9.6	75.6	2	-117.9
15190	-10.7	76.8	1	-123.5
15200	-11.1	78.1	-1	-129.1
15210	-10.0	79.5	-2	-134.7
15220	-9.8	80.8	-3	-140.0
15230	-10.3	82.3	-5	-145.3
15240	-9.9	83.8	-6	-150.6
15250	-9.5	85.3	-8	-155.7
15260	-10.8	86.9	-9	-160.5
15270	-9.5	88.6	-11	-165.8
15280	-9.2	90.3	-13	-170.9
15290	-8.9	92.0	-15	-175.4
15300	-8.4	93.8	-16	-179.9
15310	-9.4	95.6	-18	-184.2
15320	-8.7	97.5	-20	-188.7
15330	-7.2	99.4	-22	-193.2
15340	-7.9	101.4	-24	-196.7
15350	-8.4	103.4	-26	-199.9
15360	-8.1	105.4	-28	-203.6
15370	-18.2	107.3	-30	-172.2
15380	-33.6	109.0	-32	-161.3
15390	-27.9	110.4	-33	-147.2
15400	-15.9	111.5	-34	-111.0
15410	-21.2	112.5	-35	-92.3
15420	-22.9	113.3	-36	-77.4
15430	-15.3	114.0	-37	-57.2
15440	-12.3	114.5	-37	-52.9
15450	-14.8	115.0	-38	-39.6
15460	-11.9	115.4	-38	-36.7
15470	-8.9	115.7	-38	-27.1
15480	-8.9	116.0	-39	-25.2
15490	-9.4	116.2	-39	-23.1
15500	-8.0	116.4	-39	-17.8
15510	-7.5	116.5	-39	-12.7
15520	-7.9	116.7	-39	-12.2
15530	-7.5	116.8	-39	-9.0
15540	-6.1	116.9	-39	-9.3
15550	-5.8	116.9	-39	-6.9
15560	-5.0	117.0	-40	-5.5
15570	-3.7	117.0	-40	-4.7
15580	-2.8	117.1	-40	-3.7
15590	-2.4	117.1	-40	-2.9
15600	-1.8	117.1	-40	-2.9

15610	-1.2	117.2	-40	-2.3
15620	-1.1	117.2	-40	-2.1
15630	-0.8	117.2	-40	-1.5
15640	-0.1	117.2	-40	-1.0
15650	0.0	117.2	-40	-1.0
15660	0.4	117.2	-40	-0.7
15670	0.7	117.2	-40	-0.2
15680	0.8	117.2	-40	0.0
15690	0.8	117.2	-40	0.0
15700	2.8	117.2	-40	0.7
15710	9.5	117.2	-40	2.9
15720	2.0	117.2	-40	5.8
15730	0.4	117.1	-40	6.9
15740	6.6	117.0	-40	7.4
15750	3.7	116.9	-39	9.8
15760	1.5	116.8	-39	11.9
15770	5.7	116.6	-39	12.7
15780	5.0	116.5	-39	15.1
15790	2.3	116.3	-39	21.5
15800	5.3	116.1	-39	21.2
15810	5.8	115.8	-38	23.6
15820	3.8	115.6	-38	24.2
15830	5.4	115.3	-38	32.2
15840	6.1	115.0	-38	31.9
15850	4.6	114.6	-37	31.4
15860	5.0	114.3	-37	41.2
15870	6.0	113.9	-36	44.1
15880	5.2	113.5	-36	42.8
15890	5.0	113.0	-36	40.9
15900	5.8	112.5	-35	53.2
15910	5.0	112.0	-35	56.4
15920	4.7	111.5	-34	48.4
15930	5.7	110.9	-33	51.6
15940	5.3	110.4	-33	53.2
15950	4.7	109.7	-32	55.9
15960	5.3	109.1	-32	58.3
15970	5.3	108.4	-31	60.6
15980	5.2	107.7	-30	63.0
15990	5.4	107.0	-30	65.4
16000	5.4	106.3	-29	67.8
16010	5.3	105.5	-28	78.2
16020	5.4	104.7	-27	81.1
16030	5.3	103.8	-26	83.8
16040	5.4	103.0	-26	87.0
16050	5.4	102.1	-25	89.7
16060	5.8	101.1	-24	92.6
16070	5.4	100.2	-23	95.3
16080	5.4	99.2	-22	98.2
16090	5.7	98.2	-21	100.8
16100	5.3	97.2	-20	103.8
16110	5.6	96.1	-19	106.7
16120	5.0	95.0	-18	109.1
16130	5.2	93.9	-16	111.8
16140	5.3	92.8	-15	114.4

16150	4.3	91.6	-14	116.8
16160	4.2	90.4	-13	119.0
16170	4.7	89.2	-12	121.1
16180	4.6	88.0	-11	123.2
16190	4.1	86.8	-9	125.3
16200	4.3	85.5	-8	127.5
16210	4.6	84.2	-7	129.3
16220	4.7	82.9	-5	131.5
16230	4.3	81.6	-4	133.9
16240	5.0	80.2	-3	135.7
16250	4.9	78.8	-1	138.1
16260	3.9	77.4	0	140.2
16270	4.3	76.0	1	141.8
16280	5.2	74.6	3	144.0
16290	4.1	73.1	4	146.1
16300	6.6	71.7	6	128.5
16310	19.4	70.4	7	139.2
16320	15.7	69.3	8	112.0
16330	10.4	68.3	9	97.9
16340	14.8	67.4	10	86.5
16350	14.6	66.6	11	68.6
16360	11.4	65.9	12	66.8
16370	12.1	65.3	12	58.8
16380	11.0	64.7	13	51.6
16390	8.0	64.3	13	45.5
16400	7.9	63.9	14	39.9
16410	8.7	63.5	14	38.6
16420	7.5	63.2	14	30.8
16430	7.2	62.9	15	27.1
16440	8.4	62.6	15	21.5
16450	8.4	62.4	15	21.2
16460	7.7	62.2	15	18.6
16470	8.0	62.1	15	16.7
16480	7.3	61.9	16	15.9
16490	6.1	61.8	16	12.7
16500	5.3	61.7	16	11.1
16510	4.9	61.6	16	8.5
16520	4.1	61.5	16	8.5
16530	3.4	61.4	16	8.2
16540	3.0	61.3	16	6.6
16550	2.6	61.3	16	5.3
16560	2.0	61.2	16	5.0
16570	1.6	61.2	16	3.9
16580	0.7	61.1	16	3.9
16590	0.0	61.1	16	3.1
16600	0.0	61.1	16	2.3
16610	-0.5	61.0	16	2.3
16620	-0.8	61.0	16	1.8
16630	-2.3	61.0	16	1.5
16640	-8.9	61.0	16	-1.0
16650	-1.8	61.0	16	-4.2
16660	-0.7	61.1	16	-4.2
16670	-7.3	61.1	16	-6.3
16680	-4.2	61.2	16	-9.0

16690	-2.2	61.3	16	-10.1
16700	-7.1	61.5	16	-11.7
16710	-6.5	61.6	16	-15.1
16720	-3.5	61.8	16	-17.8
16730	-7.3	62.0	15	-19.9
16740	-8.4	62.3	15	-27.9
16750	-5.2	62.5	15	-29.8
16760	-6.8	62.9	15	-33.0
16770	-9.4	63.2	14	-33.2
16780	-6.8	63.7	14	-46.0
16790	-7.6	64.1	13	-45.5
16800	-10.3	64.6	13	-44.4
16810	-8.7	65.1	12	-59.9
16820	-7.9	65.7	12	-59.1
16830	-10.6	66.3	11	-57.5
16840	-10.4	67.0	10	-76.1
16850	-8.8	67.7	10	-81.7
16860	-10.2	68.5	9	-79.3
16870	-10.8	69.3	8	-76.1
16880	-9.4	70.2	7	-81.1
16890	-10.4	71.1	6	-85.7
16900	-11.3	72.1	5	-91.0
16910	-9.8	73.2	4	-106.2
16920	-10.4	74.3	3	-111.8
16930	-10.8	75.5	2	-117.4
16940	-10.4	76.7	1	-123.5
16950	-10.4	78.0	-1	-129.1
16960	-10.4	79.3	-2	-134.4
16970	-9.4	80.7	-3	-140.2
16980	-8.8	82.2	-5	-145.0
16990	-9.6	83.6	-6	-149.8
17000	-9.4	85.2	-8	-154.6
17010	-9.2	86.8	-9	-159.2
17020	-9.5	88.4	-11	-164.2
17030	-10.0	90.1	-13	-169.0
17040	-8.5	91.8	-14	-174.1
17050	-8.9	93.6	-16	-178.6
17060	-10.6	95.4	-18	-183.1
17070	-8.8	97.3	-20	-188.4
17080	-7.6	99.2	-22	-192.4
17090	-8.9	101.1	-24	-196.4
17100	-8.8	103.1	-26	-200.1
17110	-8.5	105.2	-28	-204.7
17120	-17.5	107.2	-30	-215.9
17130	-35.5	108.8	-31	-165.5
17140	-31.7	110.3	-33	-151.2
17150	-17.9	111.4	-34	-114.2
17160	-22.9	112.4	-35	-94.7
17170	-26.6	113.3	-36	-87.0
17180	-19.7	114.0	-37	-66.0
17190	-15.5	114.6	-37	-59.3
17200	-17.9	115.0	-38	-44.9
17210	-15.9	115.4	-38	-41.2
17220	-11.9	115.7	-38	-31.1

17230	-11.0	116.0	-39	-23.1
17240	-11.8	116.2	-39	-21.5
17250	-11.4	116.4	-39	-19.7
17260	-10.7	116.6	-39	-14.6
17270	-10.4	116.7	-39	-11.1
17280	-10.2	116.8	-39	-10.3
17290	-9.1	116.9	-39	-8.5
17300	-8.1	117.0	-40	-6.3
17310	-6.6	117.0	-40	-6.3
17320	-7.1	117.1	-40	-4.7
17330	-6.9	117.1	-40	-3.4
17340	-6.5	117.2	-40	-2.9
17350	-7.2	117.2	-40	-2.6
17360	-8.1	117.2	-40	-2.6
17370	-8.1	117.2	-40	-1.8
17380	-5.6	117.2	-40	-1.3
17390	-4.1	117.3	-40	-1.0
17400	-3.8	117.3	-40	-0.7
17410	-3.4	117.3	-40	-0.5
17420	-2.2	117.3	-40	-0.5
17430	-1.8	117.3	-40	0.0
17440	-1.2	117.3	-40	0.0
17450	-0.4	117.3	-40	0.0
17460	0.3	117.3	-40	-0.2
17470	0.4	117.3	-40	-0.2
17480	0.5	117.3	-40	0.0
17490	0.7	117.3	-40	0.0
17500	0.7	117.3	-40	0.2
17510	0.8	117.3	-40	0.5
17520	1.1	117.3	-40	0.7
17530	6.8	117.3	-40	2.1
17540	6.2	117.2	-40	5.5
17550	0.9	117.1	-40	7.9
17560	1.9	117.1	-40	7.9
17570	5.4	117.0	-40	9.0
17580	2.6	116.8	-39	14.1
17590	2.4	116.7	-39	15.4
17600	5.3	116.5	-39	17.0
17610	3.3	116.4	-39	19.7
17620	2.8	116.2	-39	22.0
17630	5.3	116.0	-39	21.8
17640	4.9	115.7	-38	22.0
17650	3.7	115.4	-38	29.8
17660	4.9	115.2	-38	32.4
17670	4.9	114.9	-37	34.6
17680	4.1	114.5	-37	34.3
17690	4.9	114.2	-37	33.0
17700	4.7	113.8	-36	35.1
17710	4.2	113.4	-36	37.2
17720	4.6	112.9	-35	48.1
17730	5.0	112.5	-35	50.8
17740	4.6	112.0	-35	48.9
17750	4.5	111.5	-34	46.0
17760	5.0	110.9	-33	59.1

17770	4.3	110.4	-33	55.9
17780	4.3	109.8	-32	52.4
17790	4.7	109.2	-32	54.5
17800	4.3	108.6	-31	56.7
17810	3.9	107.9	-30	71.3
17820	4.6	107.3	-30	73.7
17830	4.2	106.6	-29	76.1
17840	4.1	105.9	-28	78.2
17850	4.2	105.1	-28	80.3
17860	3.9	104.4	-27	75.3
17870	4.2	103.6	-26	77.2
17880	4.2	102.8	-25	79.6
17890	3.7	102.0	-25	81.7
17900	3.9	101.2	-24	83.5
17910	3.7	100.3	-23	85.4
17920	3.7	99.5	-22	87.0
17930	4.1	98.6	-21	89.1
17940	3.8	97.7	-20	91.0
17950	3.8	96.8	-19	92.9
17960	3.9	95.8	-18	94.7
17970	4.2	94.9	-17	96.6
17980	4.1	93.9	-16	98.5
17990	4.6	92.9	-15	100.6
18000	4.2	91.9	-14	102.7
18010	4.1	90.8	-13	104.6
18020	3.9	89.8	-12	106.4
18030	4.7	88.7	-11	108.6
18040	4.6	87.6	-10	110.7
18050	4.2	86.4	-9	112.8
18060	4.9	85.3	-8	115.0
18070	4.9	84.1	-7	117.4
18080	5.0	82.9	-5	120.0
18090	5.0	81.7	-4	122.4
18100	5.3	80.5	-3	124.5
18110	5.2	79.2	-2	127.2
18120	4.9	77.9	0	129.6
18130	4.5	76.6	1	132.0
18140	4.9	75.3	2	134.1
18150	5.0	73.9	4	136.5
18160	4.5	72.5	5	138.4
18170	13.2	71.3	6	128.8
18180	18.6	70.1	7	103.2
18190	12.6	69.0	8	101.6
18200	11.5	68.1	9	98.7
18210	14.4	67.3	10	80.1
18220	11.8	66.6	11	71.0
18230	11.5	65.9	12	56.7
18240	11.5	65.3	12	55.9
18250	8.9	64.8	13	49.5
18260	7.9	64.4	13	48.1
18270	8.4	64.0	13	38.8
18280	8.3	63.6	14	34.6
18290	7.9	63.3	14	27.4
18300	8.4	63.0	14	26.8

18310	8.7	62.8	15	21.5
18320	8.4	62.5	15	22.8
18330	8.4	62.4	15	19.1
18340	7.9	62.2	15	15.1
18350	7.1	62.0	15	15.1
18360	6.5	61.9	16	13.3
18370	5.3	61.8	16	10.3
18380	4.5	61.7	16	10.3
18390	4.3	61.6	16	10.1
18400	4.1	61.5	16	7.9
18410	3.5	61.4	16	7.7
18420	3.5	61.4	16	6.1
18430	3.5	61.3	16	5.0
18440	2.8	61.2	16	5.0
18450	2.4	61.2	16	3.9
18460	1.9	61.2	16	3.7
18470	0.9	61.1	16	3.1
18480	0.4	61.1	16	2.6
18490	0.0	61.1	16	2.3
18500	0.0	61.0	16	1.8
18510	-0.5	61.0	16	1.8
18520	-0.8	61.0	16	1.3
18530	-0.9	61.0	16	1.0
18540	-4.7	61.0	16	0.0
18550	-5.8	61.0	16	-1.8
18560	-0.3	61.0	16	-4.7
18570	-2.7	61.1	16	-3.9
18580	-5.4	61.1	16	-5.5
18590	-2.2	61.2	16	-7.9
18600	-3.9	61.3	16	-9.0
18610	-6.0	61.4	16	-11.1
18620	-3.3	61.6	16	-13.8
18630	-3.9	61.7	16	-15.1
18640	-6.5	61.9	16	-21.0
18650	-4.3	62.1	15	-21.8
18660	-4.6	62.4	15	-22.0
18670	-7.5	62.7	15	-30.0
18680	-6.1	62.9	15	-31.1
18690	-5.7	63.3	14	-31.1
18700	-7.7	63.7	14	-41.5
18710	-7.2	64.1	13	-41.5
18720	-6.2	64.5	13	-40.7
18730	-7.9	65.0	12	-53.2
18740	-7.7	65.5	12	-52.4
18750	-6.8	66.0	11	-51.1
18760	-8.1	66.7	11	-66.5
18770	-8.3	67.3	10	-70.8
18780	-7.6	68.0	9	-74.5
18790	-8.3	68.7	9	-80.1
18800	-8.4	69.5	8	-85.1
18810	-8.4	70.3	7	-89.4
18820	-8.8	71.1	6	-94.2
18830	-8.4	72.0	5	-99.8
18840	-8.1	73.0	4	-104.0

18850	-8.3	73.9	4	-98.7
18860	-8.0	75.0	2	-103.8
18870	-7.7	76.0	1	-107.8
18880	-8.5	77.1	0	-112.0
18890	-8.5	78.3	-1	-116.3
18900	-8.3	79.5	-2	-120.8
18910	-8.5	80.7	-3	-125.3
18920	-8.5	82.0	-5	-129.3
18930	-8.4	83.3	-6	-134.1
18940	-8.9	84.7	-7	-138.4
18950	-8.7	86.1	-9	-142.9
18960	-8.9	87.6	-10	-147.4
18970	-9.4	89.1	-12	-152.0
18980	-8.3	90.7	-13	-156.8
18990	-8.7	92.3	-15	-160.7
19000	-8.1	93.9	-16	-165.3
19010	-9.6	95.6	-18	-169.5
19020	-9.1	97.3	-20	-173.8
19030	-7.7	99.1	-22	-178.6
19040	-8.7	100.9	-23	-182.6
19050	-8.9	102.8	-25	-186.6
19060	-8.5	104.7	-27	-190.8
19070	-9.9	106.6	-29	-210.8
19080	-31.1	108.2	-31	-163.9
19090	-31.7	109.7	-32	-138.7
19100	-18.8	110.9	-33	-104.0
19110	-20.1	111.9	-34	-97.1
19120	-25.4	112.8	-35	-82.2
19130	-20.9	113.5	-36	-62.0
19140	-14.6	114.1	-37	-57.7
19150	-16.0	114.6	-37	-43.3
19160	-15.9	115.0	-38	-40.7
19170	-12.2	115.4	-38	-31.1
19180	-9.8	115.7	-38	-31.4
19190	-10.6	115.9	-38	-23.9
19200	-9.8	116.1	-39	-20.2
19210	-7.6	116.3	-39	-15.1
19220	-7.3	116.5	-39	-15.7
19230	-7.6	116.6	-39	-11.9
19240	-6.0	116.7	-39	-11.1
19250	-5.2	116.8	-39	-8.2
19260	-4.6	116.9	-39	-6.3
19270	-3.3	116.9	-39	-6.1
19280	-1.8	117.0	-40	-4.7
19290	-0.8	117.0	-40	-3.4
19300	-0.4	117.0	-40	-3.1
19310	0.0	117.1	-40	-2.9
19320	0.0	117.1	-40	-2.3
19330	0.0	117.1	-40	-1.8
19340	0.4	117.1	-40	-1.5
19350	0.5	117.1	-40	-1.0
19360	0.5	117.2	-40	-1.0
19370	0.7	117.2	-40	-0.5
19380	1.1	117.2	-40	0.0

19390	5.6	117.2	-40	0.2
19400	4.1	117.1	-40	2.6
19410	0.8	117.1	-40	3.9
19420	3.0	117.1	-40	4.5
19430	3.9	117.0	-40	7.4
19440	1.5	116.9	-39	9.5
19450	2.7	116.8	-39	10.6
19460	4.2	116.7	-39	11.9
19470	1.8	116.6	-39	13.0
19480	2.4	116.4	-39	13.0
19490	4.6	116.3	-39	14.1
19500	3.0	116.1	-39	19.9
19510	3.1	115.9	-38	19.9
19520	4.7	115.7	-38	19.4
19530	3.4	115.5	-38	26.3
19540	3.1	115.2	-38	26.0
19550	4.2	115.0	-38	25.0
19560	3.7	114.6	-37	32.7
19570	3.4	114.4	-37	31.9
19580	4.1	114.0	-37	30.3
19590	4.1	113.7	-36	32.2
19600	3.5	113.3	-36	41.5
19610	3.9	112.9	-35	39.6
19620	4.3	112.5	-35	37.8
19630	4.2	112.1	-35	39.9
19640	4.3	111.6	-34	51.1
19650	4.5	111.1	-34	48.7
19660	4.3	110.6	-33	50.8
19670	4.3	110.1	-33	47.9
19680	4.6	109.5	-32	49.7
19690	4.5	109.0	-32	51.9
19700	4.3	108.4	-31	53.7
19710	4.9	107.8	-30	55.9
19720	4.3	107.1	-30	58.3
19730	4.5	106.5	-29	60.1
19740	4.7	105.8	-28	62.2
19750	4.2	105.0	-28	71.6
19760	3.8	104.3	-27	73.7
19770	4.5	103.5	-26	75.8
19780	4.5	102.8	-25	78.0
19790	4.1	102.0	-25	80.3
19800	4.6	101.1	-24	82.2
19810	4.2	100.3	-23	84.6
19820	3.9	99.4	-22	86.7
19830	4.3	98.6	-21	88.6
19840	4.1	97.7	-20	91.0
19850	4.5	96.7	-19	92.9
19860	4.5	95.8	-18	95.3
19870	3.9	94.8	-17	97.4
19880	4.2	93.8	-16	99.3
19890	4.9	92.8	-15	101.4
19900	4.2	91.8	-14	103.5
19910	4.9	90.7	-13	105.9
19920	5.2	89.7	-12	108.0

19930	4.7	88.6	-11	110.4
19940	4.7	87.4	-10	112.8
19950	5.2	86.3	-9	115.2
19960	5.0	85.1	-8	117.6
19970	4.6	83.9	-6	120.0
19980	5.0	82.7	-5	122.4
19990	4.3	81.5	-4	124.8
20000	5.2	80.2	-3	126.9
20010	5.7	78.9	-1	129.6
20020	4.6	77.6	0	132.0
20030	4.7	76.3	1	134.4
20040	5.7	74.9	3	136.5
20050	4.7	73.5	4	139.2
20060	5.3	72.1	5	154.1
20070	17.2	70.9	7	126.4
20080	17.6	69.7	8	101.1
20090	12.1	68.7	9	99.0
20100	14.0	67.8	10	87.5
20110	14.4	67.0	10	70.0
20120	12.2	66.3	11	68.6
20130	13.0	65.7	12	60.6
20140	11.5	65.1	12	54.0
20150	8.7	64.6	13	47.3
20160	8.9	64.2	13	42.0
20170	9.1	63.8	14	37.2
20180	8.3	63.4	14	29.8
20190	8.1	63.1	14	29.0
20200	8.7	62.9	15	23.1
20210	8.8	62.6	15	22.8
20220	8.7	62.4	15	18.3
20230	8.5	62.2	15	19.7
20240	7.6	62.1	15	15.9
20250	6.8	61.9	16	14.1
20260	6.1	61.8	16	13.5
20270	5.2	61.7	16	10.9
20280	4.1	61.6	16	9.5
20290	3.9	61.5	16	7.4
20300	3.3	61.4	16	7.4
20310	3.0	61.4	16	5.8
20320	2.7	61.3	16	5.8
20330	2.0	61.3	16	5.3
20340	1.8	61.2	16	5.0
20350	1.5	61.2	16	3.9
20360	0.7	61.1	16	3.1
20370	0.0	61.1	16	2.6
20380	0.0	61.1	16	2.6
20390	-0.4	61.1	16	2.3
20400	-0.7	61.0	16	2.1
20410	-0.9	61.0	16	1.8
20420	-5.3	61.0	16	0.7
20430	-5.8	61.0	16	-1.8
20440	-0.9	61.1	16	-3.1
20450	-3.4	61.1	16	-3.9
20460	-6.6	61.2	16	-5.8

20470	-3.4	61.2	16	-8.7
20480	-5.2	61.4	16	-11.9
20490	-7.5	61.5	16	-13.3
20500	-5.0	61.7	16	-16.5
20510	-5.7	61.9	16	-19.4
20520	-8.3	62.1	15	-26.6
20530	-6.8	62.4	15	-28.4
20540	-6.6	62.7	15	-28.7
20550	-9.1	63.1	14	-39.4
20560	-8.5	63.4	14	-44.9
20570	-7.7	63.9	14	-45.2
20580	-9.6	64.4	13	-44.4
20590	-9.5	64.9	13	-59.9
20600	-8.1	65.5	12	-59.3
20610	-9.2	66.1	11	-57.7
20620	-9.8	66.8	11	-75.8
20630	-8.9	67.5	10	-81.1
20640	-9.6	68.3	9	-86.5
20650	-10.0	69.1	8	-75.3
20660	-9.2	70.0	7	-97.1
20670	-9.8	70.9	7	-102.4
20680	-9.6	71.9	6	-108.6
20690	-9.4	72.9	5	-113.9
20700	-9.5	74.0	3	-108.6
20710	-9.4	75.1	2	-113.9
20720	-9.2	76.3	1	-118.7
20730	-9.2	77.5	0	-123.7
20740	-9.4	78.8	-1	-128.3
20750	-8.5	80.1	-3	-133.6
20760	-8.0	81.5	-4	-137.6
20770	-8.3	82.9	-5	-142.1
20780	-7.7	84.4	-7	-146.1
20790	-6.9	85.8	-8	-150.4
20800	-8.1	87.4	-10	-153.8
20810	-7.6	88.9	-11	-157.8
20820	-6.0	90.5	-13	-161.3
20830	-6.4	92.2	-15	-164.5
20840	-6.1	93.9	-16	-167.4
20850	-6.9	95.6	-18	-170.3
20860	-6.1	97.3	-20	-173.3
20870	-5.3	99.0	-22	-176.2
20880	-5.6	100.8	-23	-178.6
20890	-5.4	102.6	-25	-180.7
20900	-4.9	104.4	-27	-183.4
20910	-5.3	106.2	-29	-165.8
20920	-22.9	107.9	-30	-161.0
20930	-25.0	109.3	-32	-123.2
20940	-15.2	110.5	-33	-116.3
20950	-12.9	111.6	-34	-88.1
20960	-19.5	112.4	-35	-83.8
20970	-15.3	113.2	-36	-78.2
20980	-9.9	113.8	-36	-60.1
20990	-10.4	114.4	-37	-55.6
21000	-11.7	114.8	-37	-43.3

21010	-8.7	115.2	-38	-39.9
21020	-6.9	115.5	-38	-30.8
21030	-8.5	115.8	-38	-28.4
21040	-8.5	116.0	-39	-22.6
21050	-7.6	116.2	-39	-17.0
21060	-8.1	116.4	-39	-16.2
21070	-9.4	116.5	-39	-12.5
21080	-8.7	116.6	-39	-13.0
21090	-8.1	116.7	-39	-9.8
21100	-8.4	116.8	-39	-7.7
21110	-8.3	116.9	-39	-7.9
21120	-7.2	117.0	-40	-5.8
21130	-6.9	117.0	-40	-4.5
21140	-7.5	117.1	-40	-4.7
21150	-7.5	117.1	-40	-3.9
21160	-6.9	117.1	-40	-3.4
21170	-6.9	117.2	-40	-2.9
21180	-6.8	117.2	-40	-2.1
21190	-6.1	117.2	-40	-1.5
21200	-5.3	117.2	-40	-1.3
21210	-4.5	117.2	-40	-1.3
21220	-3.5	117.2	-40	-0.7
21230	-2.6	117.3	-40	-0.7
21240	-1.8	117.3	-40	-0.5
21250	-0.8	117.3	-40	-0.2
21260	-0.3	117.3	-40	-0.2
21270	-0.1	117.3	-40	0.0
21280	0.0	117.3	-40	-0.2
21290	0.3	117.3	-40	-0.2
21300	0.5	117.3	-40	-0.2
21310	0.7	117.3	-40	0.0
21320	0.8	117.3	-40	0.0
21330	0.8	117.3	-40	0.7
21340	1.1	117.3	-40	0.7
21350	5.4	117.2	-40	1.3
21360	5.8	117.2	-40	4.7
21370	0.5	117.1	-40	7.1
21380	1.9	117.1	-40	6.9
21390	5.6	117.0	-40	7.9
21400	2.7	116.9	-39	10.9
21410	3.0	116.7	-39	11.9
21420	6.0	116.6	-39	13.5
21430	3.4	116.4	-39	19.7
21440	2.7	116.2	-39	19.7
21450	5.4	116.0	-39	19.4
21460	3.9	115.8	-38	26.3
21470	3.1	115.5	-38	26.6
21480	5.7	115.3	-38	25.5
21490	4.9	115.0	-38	28.2
21500	3.5	114.6	-37	37.2
21510	5.4	114.3	-37	35.9
21520	5.3	113.9	-36	38.6
21530	4.2	113.5	-36	37.0
21540	4.9	113.1	-36	43.6

21550	5.3	112.6	-35	50.5
21560	4.6	112.1	-35	48.4
21570	4.7	111.6	-34	46.0
21580	5.3	111.1	-34	47.9
21590	5.3	110.5	-33	50.3
21600	5.0	110.0	-33	52.9
21610	5.4	109.4	-32	55.3
21620	5.2	108.7	-31	70.5
21630	5.2	108.0	-31	73.2
21640	5.6	107.3	-30	76.4
21650	5.2	106.6	-29	79.3
21660	4.9	105.9	-28	82.2
21670	5.2	105.1	-28	78.5
21680	5.0	104.3	-27	80.1
21690	5.4	103.5	-26	82.7
21700	5.3	102.7	-25	85.1
21710	4.7	101.8	-24	88.1
21720	5.3	100.9	-23	90.7
21730	5.0	99.9	-22	93.1
21740	4.7	99.0	-22	96.1
21750	5.2	98.0	-21	98.5
21760	5.6	97.0	-20	100.8
21770	4.7	96.0	-19	103.8
21780	5.4	94.9	-17	106.2
21790	5.6	93.8	-16	108.8
21800	5.3	92.7	-15	111.5
21810	5.4	91.6	-14	114.2
21820	5.3	90.4	-13	116.8
21830	5.2	89.2	-12	119.5
21840	5.6	88.0	-11	121.9
21850	5.4	86.8	-9	124.8
21860	5.4	85.5	-8	127.5
21870	5.8	84.2	-7	130.1
21880	6.1	82.9	-5	133.1
21890	5.6	81.6	-4	135.7
21900	6.8	80.2	-3	138.7
21910	6.9	78.8	-1	141.8
21920	5.7	77.3	0	145.3
21930	6.1	75.8	2	148.0
21940	7.2	74.3	3	151.2
21950	5.6	72.9	5	138.7
21960	13.6	71.4	6	131.7
21970	23.7	70.0	7	142.1
21980	17.5	68.9	9	113.1
21990	14.9	67.9	10	98.2
22000	17.5	66.9	11	94.7
22010	15.3	66.2	11	75.0
22020	15.3	65.5	12	65.4
22030	15.9	64.9	13	57.7
22040	11.8	64.4	13	50.0
22050	10.2	63.9	14	39.1
22060	11.1	63.5	14	37.8
22070	10.0	63.2	14	33.0
22080	9.2	62.9	15	25.8

22090	9.9	62.6	15	25.2
22100	9.8	62.4	15	19.9
22110	9.4	62.2	15	19.1
22120	9.4	62.0	15	18.9
22130	8.5	61.9	16	14.9
22140	6.8	61.8	16	12.7
22150	5.8	61.6	16	12.2
22160	5.3	61.5	16	9.5
22170	3.8	61.5	16	8.2
22180	2.8	61.4	16	6.6
22190	2.6	61.3	16	6.3
22200	1.8	61.3	16	5.0
22210	1.5	61.2	16	5.3
22220	1.5	61.2	16	3.9
22230	0.7	61.1	16	3.1
22240	0.0	61.1	16	3.1
22250	0.0	61.1	16	2.6
22260	-0.4	61.0	16	2.6
22270	-0.7	61.0	16	2.1
22280	-0.9	61.0	16	1.5
22290	-4.5	61.0	16	0.7
22300	-6.6	61.0	16	-1.8
22310	-0.5	61.0	16	-4.2
22320	-1.9	61.1	16	-4.2
22330	-6.2	61.1	16	-5.5
22340	-1.6	61.2	16	-8.2
22350	-3.1	61.3	16	-9.3
22360	-6.1	61.4	16	-10.9
22370	-2.4	61.6	16	-13.3
22380	-3.3	61.7	16	-14.6
22390	-6.5	61.9	16	-20.2
22400	-3.8	62.1	15	-21.0
22410	-3.8	62.4	15	-23.4
22420	-7.5	62.6	15	-23.1
22430	-5.3	62.9	15	-32.4
22440	-4.9	63.2	14	-32.7
22450	-7.9	63.6	14	-32.2
22460	-6.8	64.0	13	-43.6
22470	-6.1	64.4	13	-47.3
22480	-8.3	64.8	13	-46.3
22490	-7.9	65.3	12	-45.5
22500	-6.5	65.9	12	-54.8
22510	-8.7	66.5	11	-64.6
22520	-8.8	67.1	10	-62.8
22530	-7.5	67.7	10	-60.6
22540	-8.7	68.4	9	-64.4
22550	-8.9	69.2	8	-68.4
22560	-7.9	70.0	7	-88.6
22570	-8.9	70.8	7	-93.1
22580	-8.5	71.7	6	-98.2
22590	-7.6	72.6	5	-103.0
22600	-8.3	73.6	4	-97.4
22610	-8.5	74.6	3	-102.4
22620	-7.6	75.7	2	-106.4

22630	-8.4	76.8	1	-110.7
22640	-8.8	77.9	0	-115.5
22650	-7.5	79.1	-2	-119.5
22660	-7.7	80.3	-3	-123.7
22670	-7.6	81.6	-4	-127.5
22680	-6.8	82.9	-5	-131.5
22690	-6.9	84.2	-7	-134.9
22700	-6.8	85.6	-8	-138.4
22710	-7.9	87.0	-10	-141.6
22720	-7.1	88.5	-11	-145.8
22730	-7.3	90.0	-13	-149.3
22740	-7.2	91.5	-14	-153.0
22750	-7.3	93.0	-16	-156.5
22760	-7.1	94.6	-17	-160.0
22770	-7.1	96.3	-19	-163.4
22780	-7.6	97.9	-20	-166.9
22790	-5.7	99.6	-22	-170.6
22800	-6.9	101.3	-24	-173.3
22810	-7.1	103.1	-26	-176.5
22820	-6.6	104.9	-27	-179.7
22830	-9.9	106.7	-29	-195.1
22840	-27.4	108.2	-31	-152.5
22850	-25.2	109.6	-32	-141.0
22860	-13.3	110.7	-33	-110.2
22870	-17.4	111.7	-34	-102.7
22880	-21.7	112.5	-35	-80.1
22890	-15.6	113.2	-36	-68.1
22900	-10.4	113.8	-36	-57.5
22910	-12.5	114.4	-37	-53.7
22920	-12.1	114.8	-37	-41.7
22930	-8.4	115.1	-38	-31.6
22940	-6.8	115.4	-38	-29.8
22950	-7.9	115.7	-38	-23.1
22960	-7.7	115.9	-38	-22.0
22970	-6.9	116.1	-39	-16.5
22980	-7.5	116.3	-39	-15.9
22990	-8.1	116.4	-39	-12.2
23000	-7.5	116.6	-39	-12.5
23010	-6.4	116.7	-39	-10.1
23020	-6.5	116.8	-39	-7.4
23030	-6.1	116.8	-39	-7.9
23040	-5.4	116.9	-39	-5.8
23050	-5.0	116.9	-39	-4.5
23060	-4.7	117.0	-40	-4.7
23070	-4.2	117.0	-40	-3.9
23080	-3.9	117.1	-40	-3.1
23090	-3.8	117.1	-40	-2.6
23100	-3.3	117.1	-40	-2.3
23110	-2.7	117.1	-40	-2.1
23120	-2.3	117.1	-40	-1.5
23130	-1.5	117.2	-40	-1.3
23140	-0.7	117.2	-40	-1.0
23150	-0.1	117.2	-40	-1.0
23160	0.0	117.2	-40	-0.7

23170	0.4	117.2	-40	-0.5
23180	0.7	117.2	-40	-0.2
23190	0.8	117.2	-40	0.0
23200	0.8	117.2	-40	0.0
23210	1.1	117.2	-40	0.5
23220	5.3	117.2	-40	1.0
23230	5.7	117.2	-40	3.4
23240	0.8	117.1	-40	5.8
23250	2.6	117.0	-40	6.3
23260	4.9	116.9	-39	7.9
23270	2.3	116.8	-39	10.1
23280	3.4	116.7	-39	11.1
23290	5.6	116.6	-39	12.7
23300	2.7	116.4	-39	18.6
23310	3.3	116.2	-39	19.9
23320	5.2	116.0	-39	22.6
23330	3.5	115.8	-38	22.6
23340	3.5	115.6	-38	22.6
23350	5.4	115.3	-38	24.4
23360	4.3	115.0	-38	32.7
23370	4.3	114.7	-37	32.2
23380	5.6	114.4	-37	31.1
23390	4.7	114.0	-37	33.5
23400	4.6	113.6	-36	43.9
23410	5.0	113.2	-36	42.3
23420	4.5	112.8	-35	40.4
23430	4.7	112.3	-35	52.1
23440	5.2	111.8	-34	55.1
23450	4.5	111.2	-34	57.5
23460	5.0	110.7	-33	60.4
23470	5.3	110.1	-33	63.3
23480	4.5	109.5	-32	66.2
23490	4.7	109.0	-32	62.2
23500	4.7	108.3	-31	71.0
23510	4.5	107.6	-30	74.0
23520	4.1	106.9	-29	76.6
23530	3.9	106.2	-29	78.8
23540	3.8	105.5	-28	80.9
23550	3.8	104.7	-27	75.3
23560	4.2	104.0	-27	77.4
23570	4.7	103.2	-26	79.6
23580	4.5	102.4	-25	81.7
23590	4.5	101.5	-24	84.1
23600	4.7	100.7	-23	86.5
23610	4.5	99.8	-22	88.6
23620	4.9	98.9	-21	91.0
23630	5.2	97.9	-20	93.7
23640	4.9	97.0	-20	96.1
23650	4.6	96.0	-19	98.5
23660	5.0	95.0	-18	101.1
23670	5.4	94.0	-17	103.2
23680	5.4	92.9	-15	106.2
23690	4.9	91.8	-14	108.8
23700	5.6	90.7	-13	111.5

23710	6.1	89.6	-12	113.9
23720	5.8	88.4	-11	116.8
23730	5.2	87.2	-10	120.0
23740	5.4	86.0	-9	122.7
23750	5.8	84.8	-7	125.3
23760	5.4	83.5	-6	128.0
23770	5.8	82.2	-5	130.7
23780	6.2	80.9	-3	133.6
23790	6.1	79.5	-2	136.3
23800	6.1	78.1	-1	139.5
23810	5.4	76.7	1	142.4
23820	6.1	75.3	2	144.8
23830	6.2	73.8	4	148.0
23840	5.3	72.4	5	135.5
23850	18.0	71.0	6	122.4
23860	20.7	69.7	8	132.3
23870	13.8	68.6	9	105.4
23880	15.1	67.7	10	92.3
23890	16.3	66.8	11	89.1
23900	12.2	66.1	11	71.0
23910	13.4	65.4	12	62.5
23920	13.4	64.9	13	55.1
23930	9.6	64.4	13	52.7
23940	9.5	63.9	14	42.0
23950	10.0	63.6	14	37.0
23960	8.3	63.2	14	32.2
23970	7.6	62.9	15	25.2
23980	8.7	62.7	15	24.7
23990	8.8	62.5	15	19.7
24000	8.3	62.3	15	19.4
24010	8.3	62.1	15	15.1
24020	7.5	61.9	16	14.9
24030	6.1	61.8	16	14.1
24040	5.3	61.7	16	11.1
24050	4.5	61.6	16	9.8
24060	3.7	61.5	16	7.4
24070	2.4	61.4	16	7.4
24080	1.9	61.3	16	7.1
24090	1.8	61.3	16	5.8
24100	1.1	61.2	16	5.3
24110	0.8	61.2	16	4.2
24120	0.0	61.1	16	3.1
24130	0.0	61.1	16	3.7
24140	-0.4	61.1	16	2.9
24150	-0.7	61.1	16	2.6
24160	-0.9	61.0	16	2.3
24170	-5.4	61.0	16	1.3
24180	-5.8	61.0	16	-1.5
24190	-0.4	61.1	16	-3.7
24200	-4.2	61.1	16	-4.2
24210	-5.2	61.2	16	-7.1
24220	-1.9	61.3	16	-10.1
24230	-5.2	61.4	16	-11.7
24240	-5.7	61.5	16	-13.3

24250	-3.1	61.6	16	-14.3
24260	-5.7	61.8	16	-15.9
24270	-6.9	62.0	15	-22.6
24280	-4.9	62.2	15	-24.2
24290	-6.4	62.5	15	-24.4
24300	-7.9	62.8	15	-30.3
24310	-6.5	63.1	14	-34.6
24320	-7.6	63.5	14	-34.3
24330	-8.8	63.9	14	-46.8
24340	-7.6	64.4	13	-46.5
24350	-8.0	64.9	13	-45.7
24360	-8.9	65.4	12	-60.6
24370	-8.1	66.0	11	-59.9
24380	-8.7	66.6	11	-64.6
24390	-9.5	67.3	10	-62.0
24400	-9.2	68.1	9	-81.1
24410	-8.9	68.9	9	-86.7
24420	-9.4	69.7	8	-92.1
24430	-9.9	70.5	7	-96.9
24440	-9.1	71.5	6	-103.0
24450	-9.2	72.4	5	-108.3
24460	-9.5	73.5	4	-112.8
24470	-9.2	74.5	3	-107.8
24480	-8.1	75.6	2	-112.6
24490	-9.1	76.8	1	-117.1
24500	-9.2	78.0	-1	-122.1
24510	-8.1	79.3	-2	-126.9
24520	-8.1	80.6	-3	-131.5
24530	-8.0	81.9	-4	-135.5
24540	-7.7	83.3	-6	-140.0
24550	-7.9	84.7	-7	-143.7
24560	-7.9	86.2	-9	-147.7
24570	-8.0	87.7	-10	-151.4
24580	-8.0	89.3	-12	-155.7
24590	-6.9	90.8	-13	-159.7
24600	-7.7	92.5	-15	-163.1
24610	-7.1	94.1	-17	-166.9
24620	-8.0	95.8	-18	-170.1
24630	-7.7	97.5	-20	-173.8
24640	-6.1	99.3	-22	-177.5
24650	-7.3	101.1	-24	-180.7
24660	-7.5	102.9	-25	-183.6
24670	-7.7	104.8	-27	-187.1
24680	-9.6	106.6	-29	-166.9
24690	-28.6	108.2	-31	-159.7
24700	-27.7	109.7	-32	-121.3
24710	-16.0	110.8	-33	-114.2
24720	-18.8	111.9	-34	-86.2
24730	-22.9	112.7	-35	-81.7
24740	-17.4	113.4	-36	-68.9
24750	-11.9	114.0	-37	-51.9
24760	-14.0	114.5	-37	-48.9
24770	-13.7	115.0	-38	-41.5
24780	-10.2	115.4	-38	-38.3

24790	-9.1	115.6	-38	-29.2
24800	-10.3	115.9	-38	-27.1
24810	-9.9	116.1	-39	-19.1
24820	-8.1	116.3	-39	-17.8
24830	-8.3	116.5	-39	-13.5
24840	-8.7	116.6	-39	-12.5
24850	-7.2	116.7	-39	-10.9
24860	-6.1	116.8	-39	-9.0
24870	-6.1	116.9	-39	-8.2
24880	-5.3	117.0	-40	-6.3
24890	-3.9	117.0	-40	-4.7
24900	-3.7	117.1	-40	-5.0
24910	-3.7	117.1	-40	-4.2
24920	-3.3	117.1	-40	-3.4
24930	-2.8	117.2	-40	-2.9
24940	-2.8	117.2	-40	-2.3
24950	-2.4	117.2	-40	-2.1
24960	-1.9	117.2	-40	-1.3
24970	-0.9	117.2	-40	-1.0
24980	-0.3	117.2	-40	-0.7
24990	0.0	117.3	-40	-0.7
25000	0.4	117.3	-40	-0.5
25010	0.5	117.3	-40	-0.2
25020	0.8	117.3	-40	0.0
25030	0.8	117.3	-40	0.2
25040	1.4	117.3	-40	0.0
25050	8.7	117.3	-40	1.3
25060	3.9	117.2	-40	5.5
25070	0.5	117.1	-40	7.7
25080	5.0	117.1	-40	8.5
25090	4.6	117.0	-40	10.9
25100	2.6	116.8	-39	14.1
25110	5.2	116.7	-39	15.7
25120	5.4	116.5	-39	18.6
25130	3.3	116.4	-39	19.7
25140	4.9	116.2	-39	19.4
25150	5.8	115.9	-38	24.2
25160	4.2	115.6	-38	30.0
25170	4.7	115.4	-38	29.5
25180	5.8	115.0	-38	32.4
25190	5.0	114.7	-37	31.6
25200	5.3	114.3	-37	42.0
25210	6.0	113.9	-36	44.9
25220	5.6	113.5	-36	48.1
25230	5.3	113.0	-36	46.8
25240	5.8	112.5	-35	44.7
25250	5.3	112.0	-35	57.7
25260	5.2	111.5	-34	55.3
25270	5.8	110.9	-33	58.0
25280	5.6	110.3	-33	54.8
25290	5.0	109.6	-32	70.2
25300	5.7	109.0	-32	73.2
25310	5.7	108.3	-31	76.4
25320	5.7	107.6	-30	79.6

25330	5.8	106.8	-29	82.7
25340	6.0	106.1	-29	85.9
25350	5.4	105.3	-28	89.1
25360	5.4	104.4	-27	83.8
25370	5.6	103.6	-26	86.7
25380	5.7	102.7	-25	89.7
25390	5.3	101.8	-24	92.6
25400	5.8	100.8	-23	95.5
25410	5.6	99.8	-22	98.2
25420	5.6	98.8	-21	101.4
25430	6.2	97.8	-20	104.3
25440	5.8	96.7	-19	107.5
25450	5.4	95.6	-18	110.4
25460	5.8	94.5	-17	113.1
25470	5.6	93.3	-16	116.0
25480	5.2	92.2	-15	118.7
25490	5.2	91.0	-14	121.6
25500	5.7	89.7	-12	124.3
25510	5.7	88.5	-11	127.2
25520	5.6	87.2	-10	129.9
25530	5.7	85.8	-8	132.5
25540	6.0	84.5	-7	135.5
25550	5.6	83.1	-6	138.1
25560	5.4	81.7	-4	140.8
25570	6.1	80.3	-3	143.4
25580	6.1	78.8	-1	146.4
25590	5.3	77.3	0	149.0
25600	5.4	75.8	2	151.7
25610	6.5	74.3	3	154.4
25620	5.3	72.8	5	141.6
25630	13.7	71.3	6	133.1
25640	23.5	69.9	8	143.2
25650	16.4	68.8	9	113.1
25660	13.7	67.7	10	98.5
25670	17.5	66.8	11	86.2
25680	14.2	66.1	11	67.0
25690	13.7	65.4	12	65.2
25700	14.8	64.8	13	57.2
25710	10.4	64.3	13	54.3
25720	9.5	63.8	14	38.3
25730	10.3	63.5	14	37.5
25740	9.2	63.1	14	32.4
25750	8.0	62.8	15	30.8
25760	8.9	62.6	15	24.4
25770	8.9	62.4	15	21.8
25780	8.3	62.2	15	16.7
25790	8.3	62.0	15	16.5
25800	7.6	61.8	16	15.4
25810	6.2	61.7	16	12.2
25820	5.4	61.6	16	10.6
25830	4.7	61.5	16	8.2
25840	3.3	61.4	16	7.9
25850	2.7	61.3	16	7.4
25860	2.4	61.3	16	6.1

25870	1.8	61.2	16	4.7
25880	1.4	61.2	16	4.2
25890	0.9	61.1	16	3.4
25900	0.1	61.1	16	2.9
25910	0.0	61.1	16	2.9
25920	0.0	61.1	16	2.3
25930	-0.5	61.0	16	1.8
25940	-0.8	61.0	16	1.8
25950	-1.5	61.0	16	1.0
25960	-8.1	61.0	16	-0.2
25970	-2.0	61.0	16	-3.4
25980	-0.3	61.1	16	-3.9
25990	-5.3	61.1	16	-3.9
26000	-3.3	61.2	16	-6.1
26010	-1.1	61.2	16	-7.7
26020	-5.3	61.3	16	-8.2
26030	-3.9	61.4	16	-10.6
26040	-1.9	61.6	16	-12.5
26050	-5.8	61.7	16	-16.5
26060	-5.3	61.9	16	-17.8
26070	-3.5	62.1	15	-20.4
26080	-6.6	62.3	15	-20.7
26090	-7.1	62.6	15	-28.7
26100	-5.4	62.9	15	-30.0
26110	-7.5	63.2	14	-30.0
26120	-8.4	63.6	14	-40.9
26130	-7.2	64.0	13	-41.5
26140	-8.3	64.4	13	-45.5
26150	-9.4	64.9	13	-44.7
26160	-7.9	65.4	12	-59.9
26170	-8.3	66.0	11	-59.1
26180	-9.9	66.6	11	-57.2
26190	-8.7	67.3	10	-75.3
26200	-8.9	68.0	9	-72.9
26210	-10.3	68.8	9	-70.0
26220	-9.4	69.6	8	-74.8
26230	-9.9	70.5	7	-79.0
26240	-10.3	71.4	6	-83.5
26250	-9.5	72.3	5	-88.6
26260	-9.8	73.4	4	-103.2
26270	-10.3	74.5	3	-108.8
26280	-9.2	75.6	2	-114.2
26290	-9.5	76.8	1	-119.0
26300	-10.2	78.0	-1	-124.5
26310	-9.5	79.3	-2	-129.6
26320	-9.2	80.6	-3	-134.7
26330	-9.2	82.0	-5	-139.5
26340	-9.4	83.5	-6	-144.5
26350	-9.5	84.9	-7	-149.0
26360	-9.8	86.5	-9	-154.1
26370	-9.6	88.0	-11	-159.2
26380	-9.9	89.7	-12	-163.9
26390	-8.9	91.4	-14	-169.0
26400	-9.9	93.1	-16	-173.5

26410	-10.0	94.9	-17	-178.3
26420	-9.1	96.7	-19	-183.6
26430	-9.8	98.5	-21	-188.2
26440	-8.9	100.5	-23	-192.7
26450	-8.5	102.4	-25	-197.2
26460	-8.9	104.4	-27	-201.7
26470	-10.4	106.5	-29	-204.1
26480	-32.7	108.2	-31	-175.1
26490	-35.4	109.7	-32	-146.6
26500	-22.1	111.0	-34	-108.8
26510	-22.2	112.1	-35	-100.3
26520	-27.4	112.9	-35	-83.8
26530	-22.0	113.7	-36	-76.6
26540	-16.8	114.3	-37	-57.5
26550	-17.1	114.8	-37	-52.1
26560	-16.7	115.2	-38	-39.6
26570	-13.3	115.6	-38	-36.2
26580	-11.8	115.8	-38	-27.1
26590	-12.6	116.1	-39	-20.4
26600	-11.7	116.3	-39	-18.9
26610	-9.9	116.4	-39	-14.1
26620	-10.3	116.6	-39	-14.1
26630	-10.2	116.7	-39	-10.9
26640	-8.3	116.8	-39	-8.2
26650	-6.9	116.9	-39	-8.2
26660	-6.1	116.9	-39	-5.8
26670	-4.6	117.0	-40	-4.2
26680	-3.1	117.0	-40	-4.2
26690	-2.8	117.1	-40	-3.4
26700	-2.8	117.1	-40	-2.9
26710	-1.8	117.1	-40	-2.6
26720	-1.4	117.1	-40	-1.8
26730	-1.6	117.1	-40	-2.1
26740	-1.8	117.2	-40	-1.5
26750	-1.2	117.2	-40	-1.0
26760	-0.4	117.2	-40	-0.7
26770	0.0	117.2	-40	-0.5
26780	0.4	117.2	-40	-0.5
26790	0.5	117.2	-40	-0.5
26800	0.7	117.2	-40	0.0
26810	0.8	117.2	-40	-0.2
26820	0.9	117.2	-40	0.5
26830	4.2	117.2	-40	0.5
26840	6.1	117.2	-40	3.4
26850	0.5	117.1	-40	5.5
26860	2.2	117.0	-40	6.9
26870	5.8	117.0	-40	8.5
26880	1.8	116.9	-39	11.4
26890	3.1	116.8	-39	12.5
26900	5.7	116.6	-39	14.6
26910	3.1	116.5	-39	16.2
26920	3.3	116.3	-39	15.9
26930	5.4	116.1	-39	17.5
26940	3.7	115.9	-38	24.7

26950	3.5	115.7	-38	24.7
26960	5.2	115.4	-38	26.6
26970	4.6	115.1	-38	26.3
26980	4.1	114.8	-37	34.8
26990	4.6	114.5	-37	37.5
27000	4.3	114.1	-37	36.4
27010	4.2	113.7	-36	34.6
27020	4.2	113.3	-36	36.7
27030	3.8	112.9	-35	38.8
27040	3.9	112.4	-35	50.0
27050	4.5	112.0	-35	47.3
27060	4.5	111.5	-34	44.4
27070	4.5	111.0	-34	46.8
27080	4.5	110.5	-33	48.7
27090	4.3	109.9	-32	62.2
27100	4.6	109.3	-32	64.6
27110	4.9	108.7	-31	60.9
27120	4.9	108.0	-31	69.7
27130	4.9	107.4	-30	72.6
27140	4.6	106.7	-29	75.6
27150	4.7	106.0	-29	78.0
27160	4.6	105.3	-28	73.2
27170	4.5	104.5	-27	75.6
27180	4.9	103.8	-26	78.0
27190	5.0	103.0	-26	80.6
27200	4.3	102.1	-25	83.5
27210	4.7	101.3	-24	85.7
27220	4.7	100.4	-23	88.1
27230	4.2	99.5	-22	90.5
27240	4.3	98.6	-21	92.6
27250	4.2	97.6	-20	94.7
27260	4.1	96.7	-19	96.9
27270	4.1	95.7	-18	98.7
27280	3.8	94.7	-17	100.8
27290	4.2	93.7	-16	102.4
27300	4.1	92.6	-15	104.6
27310	4.1	91.6	-14	106.2
27320	3.7	90.5	-13	108.0
27330	4.1	89.4	-12	109.9
27340	4.5	88.3	-11	111.8
27350	4.1	87.1	-10	113.9
27360	4.2	86.0	-9	116.0
27370	4.6	84.8	-7	117.9
27380	3.9	83.6	-6	119.8
27390	4.3	82.4	-5	121.9
27400	4.7	81.2	-4	123.7
27410	5.0	79.9	-2	126.1
27420	4.9	78.6	-1	128.5
27430	4.2	77.3	0	130.9
27440	4.7	76.0	1	132.8
27450	5.8	74.7	3	135.2
27460	4.6	73.3	4	137.9
27470	6.6	71.9	6	150.4
27480	18.3	70.7	7	122.4

27490	16.0	69.6	8	97.9
27500	11.3	68.6	9	96.1
27510	14.5	67.7	10	85.1
27520	14.1	66.9	11	68.1
27530	11.7	66.2	11	66.8
27540	12.9	65.6	12	59.3
27550	11.3	65.1	12	52.7
27560	8.5	64.6	13	46.8
27570	8.8	64.2	13	41.5
27580	9.1	63.8	14	40.1
27590	8.3	63.5	14	29.0
27600	8.0	63.2	14	28.7
27610	8.7	62.9	15	27.9
27620	8.5	62.7	15	22.6
27630	8.5	62.5	15	22.0
27640	8.5	62.3	15	17.8
27650	7.6	62.1	15	17.3
27660	6.9	62.0	15	14.1
27670	6.5	61.8	16	12.2
27680	5.7	61.7	16	9.8
27690	4.6	61.6	16	9.8
27700	4.6	61.5	16	8.2
27710	3.9	61.5	16	7.4
27720	3.1	61.4	16	7.1
27730	3.1	61.3	16	5.8
27740	2.7	61.3	16	5.8
27750	2.0	61.2	16	4.5
27760	1.8	61.2	16	3.4
27770	1.2	61.2	16	3.1
27780	0.4	61.1	16	2.9
27790	0.0	61.1	16	2.6
27800	0.0	61.1	16	2.3
27810	-0.4	61.1	16	2.1
27820	-0.7	61.0	16	1.8
27830	-0.8	61.0	16	1.5
27840	-1.8	61.0	16	1.0
27850	-7.3	61.0	16	-0.7
27860	-2.3	61.0	16	-3.4
27870	-0.9	61.1	16	-3.9
27880	-5.6	61.1	16	-4.5
27890	-4.1	61.2	16	-6.9
27900	-2.8	61.3	16	-8.7
27910	-6.2	61.4	16	-10.1
27920	-5.6	61.5	16	-13.3
27930	-3.9	61.7	16	-15.9
27940	-6.5	61.9	16	-17.8
27950	-6.6	62.1	15	-25.2
27960	-5.4	62.4	15	-26.6
27970	-7.6	62.7	15	-26.8
27980	-8.5	63.0	14	-37.2
27990	-7.6	63.4	14	-42.3
28000	-9.1	63.8	14	-42.8
28010	-10.3	64.2	13	-42.8
28020	-9.4	64.8	13	-58.0

28030	-9.9	65.4	12	-63.8
28040	-10.3	65.9	12	-63.0
28050	-10.6	66.6	11	-62.0
28060	-9.9	67.3	10	-66.8
28070	-10.4	68.1	9	-71.6
28080	-10.3	69.0	8	-76.6
28090	-9.6	69.9	8	-83.0
28100	-11.1	70.8	7	-85.9
28110	-10.7	71.8	6	-91.8
28120	-9.9	72.8	5	-96.1
28130	-10.4	74.0	3	-112.0
28140	-10.3	75.2	2	-117.6
28150	-9.9	76.4	1	-123.2
28160	-10.2	77.7	0	-128.8
28170	-10.7	79.0	-2	-133.9
28180	-10.0	80.4	-3	-140.0
28190	-9.5	81.8	-4	-145.0
28200	-10.7	83.3	-6	-150.4
28210	-10.6	84.9	-7	-155.7
28220	-10.2	86.5	-9	-161.3
28230	-10.8	88.1	-11	-166.6
28240	-11.3	89.8	-12	-172.2
28250	-9.4	91.6	-14	-178.1
28260	-10.0	93.4	-16	-183.1
28270	-11.7	95.3	-18	-188.2
28280	-10.2	97.2	-20	-194.0
28290	-8.9	99.2	-22	-199.1
28300	-10.3	101.2	-24	-203.6
28310	-10.0	103.3	-26	-208.4
28320	-10.0	105.4	-28	-213.2
28330	-21.2	107.4	-30	-180.4
28340	-38.8	109.1	-32	-167.7
28350	-31.9	110.6	-33	-151.7
28360	-19.8	111.8	-34	-113.1
28370	-23.9	112.7	-35	-93.1
28380	-25.5	113.6	-36	-84.6
28390	-20.2	114.2	-37	-63.3
28400	-15.3	114.8	-37	-51.9
28410	-15.2	115.2	-38	-38.0
28420	-13.6	115.6	-38	-35.1
28430	-11.4	115.9	-38	-29.0
28440	-9.9	116.1	-39	-21.0
28450	-8.9	116.3	-39	-19.4
28460	-10.0	116.5	-39	-14.3
28470	-10.8	116.7	-39	-13.5
28480	-11.1	116.8	-39	-10.1
28490	-11.3	116.9	-39	-9.3
28500	-11.3	116.9	-39	-6.6
28510	-11.5	117.0	-40	-6.6
28520	-10.7	117.1	-40	-5.5
28530	-9.4	117.1	-40	-4.5
28540	-8.1	117.1	-40	-3.4
28550	-6.0	117.2	-40	-2.9
28560	-5.3	117.2	-40	-1.8

28570	-5.4	117.2	-40	-1.8
28580	-4.6	117.2	-40	-1.5
28590	-4.1	117.2	-40	-1.0
28600	-3.7	117.2	-40	-0.7
28610	-2.8	117.3	-40	-0.5
28620	-2.3	117.3	-40	-0.7
28630	-1.8	117.3	-40	-0.2
28640	-0.5	117.3	-40	0.0
28650	0.7	117.3	-40	0.0
28660	0.7	117.3	-40	0.0
28670	0.7	117.3	-40	0.2
28680	0.8	117.3	-40	0.2
28690	0.8	117.3	-40	0.7
28700	4.5	117.2	-40	1.3
28710	6.6	117.2	-40	4.2
28720	1.5	117.1	-40	7.7
28730	2.0	117.1	-40	8.7
28740	5.3	117.0	-40	10.1
28750	3.8	116.9	-39	13.0
28760	3.0	116.7	-39	15.1
28770	5.2	116.6	-39	17.3
28780	4.2	116.4	-39	19.9
28790	3.4	116.2	-39	20.4
28800	5.0	116.0	-39	20.4
28810	4.9	115.8	-38	22.6
28820	4.1	115.5	-38	30.8
28830	5.0	115.2	-38	30.3
28840	4.9	114.9	-37	29.8
28850	4.1	114.5	-37	31.9
28860	4.5	114.1	-37	37.8
28870	4.7	113.7	-36	44.1
28880	4.3	113.3	-36	42.5
28890	4.1	112.9	-35	40.4
28900	4.2	112.4	-35	47.1
28910	4.3	111.9	-34	54.3
28920	4.6	111.4	-34	56.7
28930	4.5	110.9	-33	59.1
28940	4.1	110.3	-33	60.9
28950	4.2	109.7	-32	64.1
28960	4.3	109.1	-32	66.5
28970	4.3	108.5	-31	67.8
28980	4.3	107.9	-30	71.0
28990	4.1	107.2	-30	73.7
29000	4.2	106.5	-29	76.1
29010	4.5	105.8	-28	78.2
29020	4.3	105.1	-28	74.0
29030	4.1	104.3	-27	75.8
29040	4.6	103.6	-26	78.0
29050	5.0	102.8	-25	80.1
29060	4.6	101.9	-24	82.7
29070	4.7	101.1	-24	85.1
29080	4.5	100.2	-23	87.3
29090	4.9	99.3	-22	89.7
29100	5.2	98.4	-21	92.3

29110	5.3	97.5	-20	95.0
29120	5.3	96.5	-19	97.9
29130	4.9	95.5	-18	100.6
29140	5.4	94.5	-17	103.0
29150	5.2	93.4	-16	105.6
29160	4.7	92.3	-15	108.3
29170	5.3	91.2	-14	110.7
29180	5.4	90.1	-13	113.4
29190	5.3	89.0	-12	116.0
29200	5.4	87.8	-10	118.7
29210	5.3	86.6	-9	121.3
29220	5.3	85.3	-8	123.7
29230	5.3	84.1	-7	126.4
29240	5.7	82.8	-5	129.1
29250	5.2	81.5	-4	132.0
29260	5.6	80.1	-3	134.4
29270	5.7	78.8	-1	137.1
29280	4.9	77.4	0	139.7
29290	5.3	76.0	1	142.1
29300	6.0	74.5	3	144.8
29310	5.0	73.1	4	147.4
29320	9.5	71.6	6	157.6
29330	21.2	70.4	7	127.2
29340	16.7	69.1	8	123.2
29350	12.6	68.2	9	98.2
29360	14.6	67.3	10	86.7
29370	13.6	66.5	11	68.6
29380	13.2	65.8	12	66.8
29390	12.7	65.2	12	58.8
29400	9.9	64.6	13	56.9
29410	8.0	64.2	13	45.2
29420	8.5	63.8	14	39.6
29430	8.1	63.4	14	31.6
29440	7.2	63.1	14	30.6
29450	7.3	62.8	15	29.2
29460	7.7	62.6	15	23.6
29470	7.6	62.4	15	21.0
29480	7.3	62.2	15	16.5
29490	6.6	62.0	15	16.2
29500	6.1	61.9	16	15.4
29510	5.2	61.7	16	12.5
29520	4.3	61.6	16	11.1
29530	4.1	61.5	16	8.5
29540	3.5	61.4	16	8.5
29550	3.3	61.4	16	6.6
29560	3.4	61.3	16	6.9
29570	3.1	61.2	16	5.8
29580	3.0	61.2	16	5.3
29590	2.4	61.2	16	4.2
29600	1.8	61.1	16	3.4
29610	1.1	61.1	16	3.1
29620	0.4	61.1	16	2.6
29630	0.0	61.0	16	2.3
29640	0.0	61.0	16	1.8

29650	-0.4	61.0	16	1.8
29660	-0.7	61.0	16	1.5
29670	-0.8	61.0	16	1.0
29680	-1.5	60.9	17	0.7
29690	-7.3	60.9	17	-0.7
29700	-3.3	61.0	16	-3.4
29710	-1.1	61.0	16	-4.5
29720	-5.0	61.1	16	-5.0
29730	-4.9	61.1	16	-7.9
29740	-3.0	61.2	16	-9.3
29750	-5.7	61.4	16	-10.9
29760	-5.6	61.5	16	-13.8
29770	-4.2	61.7	16	-16.5
29780	-6.4	61.9	16	-18.6
29790	-6.5	62.1	15	-26.0
29800	-5.6	62.4	15	-27.1
29810	-7.2	62.7	15	-27.4
29820	-8.3	63.0	14	-37.8
29830	-7.9	63.4	14	-42.5
29840	-8.1	63.8	14	-43.1
29850	-9.2	64.3	13	-42.5
29860	-8.9	64.8	13	-57.5
29870	-8.7	65.3	12	-56.9
29880	-9.2	65.9	12	-55.3
29890	-9.6	66.6	11	-73.4
29900	-9.5	67.3	10	-78.8
29910	-10.3	68.0	9	-76.6
29920	-10.8	68.8	9	-74.0
29930	-10.6	69.7	8	-79.0
29940	-11.5	70.6	7	-83.8
29950	-11.7	71.6	6	-89.4
29960	-11.0	72.6	5	-95.0
29970	-11.1	73.8	4	-111.0
29980	-10.8	74.9	3	-117.6
29990	-10.7	76.2	1	-122.9
30000	-11.0	77.4	0	-129.1
30010	-11.1	78.8	-1	-134.7
30020	-10.6	80.2	-3	-140.5
30030	-10.7	81.6	-4	-145.8
30040	-10.6	83.1	-6	-151.7
30050	-10.8	84.7	-7	-157.3
30060	-10.7	86.3	-9	-163.1
30070	-10.7	88.0	-11	-168.7
30080	-10.6	89.7	-12	-174.3
30090	-9.1	91.5	-14	-179.7
30100	-9.9	93.3	-16	-184.7
30110	-10.7	95.2	-18	-189.0
30120	-9.9	97.1	-20	-194.6
30130	-8.8	99.1	-22	-199.6
30140	-9.5	101.1	-24	-203.6
30150	-9.6	103.2	-26	-208.1
30160	-9.8	105.3	-28	-212.9
30170	-18.6	107.3	-30	-202.8
30180	-38.0	109.1	-32	-150.4

30190	-34.0	110.5	-33	-138.9
30200	-18.6	111.8	-34	-124.0
30210	-23.2	112.7	-35	-93.1
30220	-25.9	113.5	-36	-77.4
30230	-19.4	114.2	-37	-63.6
30240	-14.8	114.7	-37	-46.5
30250	-17.2	115.2	-38	-42.5
30260	-14.2	115.6	-38	-38.6
30270	-11.0	115.9	-38	-28.7
30280	-10.3	116.1	-39	-21.2
30290	-10.4	116.3	-39	-19.7
30300	-9.2	116.5	-39	-15.9
30310	-8.3	116.6	-39	-14.3
30320	-8.5	116.7	-39	-10.9
30330	-7.9	116.8	-39	-8.2
30340	-6.5	116.9	-39	-7.9
30350	-5.7	117.0	-40	-5.8
30360	-4.7	117.0	-40	-4.2
30370	-3.4	117.1	-40	-3.9
30380	-2.0	117.1	-40	-3.1
30390	-1.2	117.1	-40	-2.6
30400	-0.9	117.1	-40	-2.1
30410	-0.5	117.2	-40	-1.8
30420	-0.5	117.2	-40	-1.5
30430	-0.5	117.2	-40	-1.3
30440	-0.5	117.2	-40	-1.0
30450	-0.1	117.2	-40	-0.7
30460	0.0	117.2	-40	-0.5
30470	0.4	117.2	-40	-0.2
30480	0.5	117.2	-40	0.0
30490	0.7	117.2	-40	0.0
30500	0.7	117.2	-40	0.0
30510	0.8	117.2	-40	0.7
30520	1.9	117.2	-40	0.7
30530	6.1	117.2	-40	2.1
30540	0.9	117.1	-40	5.3
30550	0.5	117.1	-40	5.8
30560	4.3	117.0	-40	6.3
30570	2.4	117.0	-40	8.5
30580	1.8	116.9	-39	10.3
30590	4.2	116.8	-39	11.1
30600	2.8	116.7	-39	13.3
30610	1.9	116.5	-39	15.4
30620	4.1	116.4	-39	16.7
30630	3.5	116.2	-39	17.0
30640	2.7	116.0	-39	17.3
30650	4.1	115.8	-38	18.3
30660	3.9	115.6	-38	20.4
30670	3.4	115.3	-38	27.1
30680	4.3	115.1	-38	26.8
30690	4.3	114.8	-37	29.0
30700	3.9	114.5	-37	28.2
30710	4.3	114.2	-37	30.6
30720	4.5	113.8	-36	31.9

30730	4.3	113.5	-36	34.0
30740	4.5	113.1	-36	36.2
30750	4.3	112.6	-35	46.8
30760	4.5	112.2	-35	49.2
30770	4.3	111.7	-34	47.1
30780	4.2	111.2	-34	44.4
30790	4.5	110.7	-33	46.0
30800	4.3	110.2	-33	58.8
30810	3.8	109.7	-32	55.9
30820	3.9	109.1	-32	52.1
30830	4.1	108.5	-31	54.0
30840	4.1	107.9	-30	55.6
30850	4.2	107.2	-30	57.7
30860	3.9	106.6	-29	59.3
30870	4.2	105.9	-28	61.2
30880	4.5	105.2	-28	70.2
30890	4.1	104.5	-27	72.4
30900	4.3	103.7	-26	74.5
30910	4.5	103.0	-26	76.6
30920	4.3	102.2	-25	79.3
30930	4.5	101.4	-24	81.4
30940	4.1	100.5	-23	83.8
30950	4.1	99.7	-22	85.7
30960	5.0	98.8	-21	88.1
30970	5.2	97.9	-20	90.5
30980	4.9	97.0	-20	93.1
30990	4.5	96.0	-19	95.8
31000	4.7	95.0	-18	98.2
31010	5.3	94.0	-17	100.3
31020	5.0	93.0	-16	103.2
31030	4.7	92.0	-15	105.6
31040	4.6	90.9	-13	108.0
31050	5.0	89.8	-12	110.4
31060	5.6	88.7	-11	112.6
31070	5.2	87.5	-10	115.8
31080	5.2	86.4	-9	117.9
31090	5.4	85.1	-8	120.8
31100	4.7	83.9	-6	123.2
31110	5.3	82.7	-5	125.9
31120	5.2	81.4	-4	128.3
31130	5.6	80.1	-3	130.7
31140	5.7	78.8	-1	133.6
31150	4.7	77.4	0	136.3
31160	5.0	76.0	1	138.7
31170	6.1	74.6	3	141.0
31180	5.2	73.2	4	144.0
31190	7.6	71.8	6	129.6
31200	19.9	70.5	7	115.2
31210	16.5	69.4	8	111.5
31220	12.1	68.3	9	107.2
31230	15.1	67.5	10	86.5
31240	13.6	66.7	11	76.6
31250	12.3	66.0	11	73.7
31260	13.3	65.4	12	59.3

31270	10.6	64.8	13	52.4
31280	8.8	64.4	13	46.0
31290	9.5	63.9	14	44.4
31300	9.1	63.6	14	35.9
31310	8.0	63.2	14	31.4
31320	7.9	62.9	15	30.3
31330	8.0	62.7	15	24.4
31340	7.3	62.5	15	21.5
31350	7.1	62.3	15	17.0
31360	6.6	62.1	15	17.0
31370	5.7	62.0	15	16.5
31380	5.0	61.8	16	13.0
31390	4.3	61.7	16	12.5
31400	3.7	61.6	16	10.1
31410	3.5	61.5	16	9.5
31420	2.6	61.4	16	7.7
31430	2.0	61.4	16	6.6
31440	1.5	61.3	16	6.6
31450	0.7	61.3	16	5.3
31460	0.1	61.2	16	4.7
31470	0.0	61.2	16	3.7
31480	0.0	61.1	16	3.7
31490	-0.5	61.1	16	3.4
31500	-0.8	61.1	16	2.9
31510	-2.2	61.0	16	2.3
31520	-8.5	61.0	16	0.2
31530	-2.8	61.1	16	-2.1
31540	-0.7	61.1	16	-3.4
31550	-6.6	61.1	16	-4.2
31560	-4.2	61.2	16	-6.9
31570	-2.6	61.3	16	-8.7
31580	-6.0	61.4	16	-10.3
31590	-5.0	61.5	16	-14.6
31600	-3.4	61.7	16	-15.4
31610	-6.4	61.9	16	-21.0
31620	-6.4	62.1	15	-22.3
31630	-4.9	62.4	15	-23.1
31640	-7.1	62.7	15	-31.1
31650	-7.6	63.0	14	-32.2
31660	-6.8	63.3	14	-32.7
31670	-7.9	63.7	14	-36.2
31680	-8.8	64.2	13	-48.9
31690	-8.1	64.6	13	-48.7
31700	-8.7	65.1	12	-47.9
31710	-9.2	65.7	12	-63.6
31720	-9.1	66.3	11	-62.5
31730	-9.6	67.0	10	-60.4
31740	-10.2	67.7	10	-72.6
31750	-10.3	68.4	9	-77.7
31760	-10.2	69.3	8	-83.3
31770	-10.7	70.1	7	-79.6
31780	-11.0	71.1	6	-103.5
31790	-10.6	72.1	5	-109.9
31800	-10.3	73.1	4	-115.8

31810	-11.0	74.2	3	-110.7
31820	-9.9	75.4	2	-116.6
31830	-10.4	76.6	1	-121.6
31840	-11.0	77.8	0	-127.7
31850	-10.2	79.2	-2	-133.3
31860	-9.9	80.5	-3	-138.9
31870	-10.0	82.0	-5	-144.0
31880	-9.9	83.4	-6	-149.3
31890	-9.9	85.0	-8	-154.4
31900	-10.4	86.6	-9	-159.4
31910	-9.9	88.2	-11	-164.7
31920	-10.3	89.9	-12	-169.8
31930	-9.2	91.6	-14	-175.1
31940	-10.2	93.4	-16	-180.2
31950	-11.5	95.2	-18	-185.0
31960	-10.2	97.1	-20	-190.8
31970	-9.6	99.1	-22	-196.2
31980	-10.7	101.1	-24	-200.9
31990	-10.6	103.1	-26	-206.0
32000	-10.6	105.2	-28	-211.3
32010	-19.9	107.3	-30	-220.1
32020	-39.6	109.0	-32	-168.7
32030	-35.8	110.4	-33	-139.5
32040	-20.7	111.7	-34	-102.2
32050	-27.3	112.6	-35	-93.9
32060	-30.0	113.5	-36	-78.2
32070	-22.5	114.2	-37	-70.2
32080	-19.5	114.7	-37	-52.4
32090	-21.6	115.1	-38	-43.3
32100	-17.9	115.5	-38	-31.9
32110	-14.9	115.8	-38	-31.9
32120	-15.2	116.1	-39	-24.2
32130	-14.2	116.3	-39	-21.5
32140	-12.7	116.5	-39	-16.5
32150	-12.7	116.6	-39	-11.9
32160	-13.4	116.7	-39	-11.1
32170	-12.2	116.8	-39	-8.2
32180	-10.6	116.9	-39	-8.2
32190	-10.0	117.0	-40	-5.8
32200	-8.3	117.0	-40	-5.3
32210	-6.4	117.0	-40	-3.9
32220	-5.3	117.1	-40	-3.1
32230	-4.3	117.1	-40	-2.3
32240	-3.8	117.1	-40	-1.8
32250	-3.1	117.1	-40	-1.5
32260	-3.3	117.2	-40	-1.3
32270	-3.4	117.2	-40	-1.0
32280	-3.1	117.2	-40	-0.7
32290	-2.7	117.2	-40	-0.7
32300	-2.3	117.2	-40	-0.5
32310	-1.6	117.2	-40	-0.5
32320	-0.8	117.2	-40	-0.2
32330	-0.1	117.2	-40	-0.2
32340	0.0	117.2	-40	0.0

32350	0.3	117.2	-40	0.0
32360	0.4	117.2	-40	0.0
32370	0.5	117.2	-40	0.0
32380	0.5	117.2	-40	0.0
32390	0.7	117.2	-40	0.2
32400	0.7	117.2	-40	0.7
32410	0.8	117.2	-40	0.7
32420	1.2	117.2	-40	1.0
32430	5.6	117.2	-40	1.8
32440	3.9	117.1	-40	5.3
32450	0.9	117.1	-40	7.4
32460	3.4	117.0	-40	8.2
32470	3.9	116.9	-39	10.3
32480	2.7	116.8	-39	12.7
32490	3.3	116.7	-39	14.1
32500	4.2	116.5	-39	15.9
32510	3.3	116.4	-39	16.7
32520	3.9	116.2	-39	16.7
32530	4.7	116.0	-39	20.7
32540	3.7	115.7	-38	25.5
32550	3.7	115.5	-38	25.2
32560	4.6	115.2	-38	27.4
32570	4.3	114.9	-37	26.8
32580	4.3	114.6	-37	31.9
32590	5.2	114.3	-37	38.0
32600	4.6	113.9	-36	40.9
32610	4.6	113.5	-36	39.6
32620	5.0	113.1	-36	38.0
32630	4.6	112.7	-35	49.2
32640	4.7	112.2	-35	46.8
32650	5.2	111.7	-34	44.4
32660	5.0	111.2	-34	46.8
32670	5.0	110.7	-33	48.9
32680	5.0	110.1	-33	63.0
32690	4.7	109.5	-32	66.0
32700	5.2	108.9	-31	68.4
32710	4.9	108.2	-31	71.3
32720	4.9	107.6	-30	74.2
32730	4.9	106.9	-29	76.9
32740	4.7	106.1	-29	79.6
32750	4.6	105.4	-28	82.2
32760	4.3	104.6	-27	77.2
32770	4.5	103.8	-26	79.6
32780	4.9	103.0	-26	81.7
32790	4.7	102.2	-25	84.3
32800	4.6	101.3	-24	86.7
32810	4.6	100.4	-23	89.1
32820	4.9	99.5	-22	91.3
32830	5.2	98.6	-21	93.7
32840	4.3	97.6	-20	96.3
32850	4.5	96.7	-19	98.7
32860	4.7	95.7	-18	101.1
32870	4.3	94.6	-17	103.0
32880	4.9	93.6	-16	105.4

32890	4.9	92.5	-15	107.8
32900	4.2	91.4	-14	110.2
32910	4.7	90.3	-13	112.0
32920	5.0	89.2	-12	114.2
32930	4.9	88.0	-11	116.8
32940	4.3	86.8	-9	119.0
32950	4.2	85.6	-8	121.1
32960	4.2	84.4	-7	123.2
32970	4.6	83.1	-6	125.3
32980	4.3	81.9	-4	127.7
32990	4.9	80.6	-3	129.3
33000	5.0	79.3	-2	131.7
33010	4.6	77.9	0	133.6
33020	4.2	76.6	1	136.0
33030	5.2	75.2	2	137.9
33040	4.6	73.8	4	140.2
33050	4.2	72.5	5	127.7
33060	15.1	71.1	6	117.1
33070	18.8	69.9	8	115.8
33080	12.1	68.9	9	91.5
33090	13.2	67.9	10	89.9
33100	14.8	67.1	10	87.8
33110	11.4	66.4	11	63.3
33120	12.5	65.7	12	62.2
33130	12.5	65.2	12	55.1
33140	9.6	64.7	13	48.9
33150	8.9	64.2	13	38.6
33160	9.4	63.8	14	38.0
33170	8.4	63.5	14	33.5
33180	8.1	63.2	14	32.4
33190	8.7	62.9	15	26.0
33200	8.7	62.7	15	25.5
33210	8.4	62.5	15	20.4
33220	8.5	62.3	15	19.9
33230	7.9	62.1	15	16.2
33240	6.9	62.0	15	14.3
33250	6.1	61.8	16	13.5
33260	5.4	61.7	16	11.1
33270	4.3	61.6	16	10.6
33280	4.3	61.5	16	8.5
33290	3.4	61.4	16	8.2
33300	2.8	61.4	16	6.6
33310	2.6	61.3	16	6.3
33320	2.2	61.3	16	5.3
33330	1.8	61.2	16	5.0
33340	1.5	61.2	16	3.7
33350	0.7	61.1	16	3.4
33360	0.0	61.1	16	3.1
33370	0.0	61.1	16	2.9
33380	0.0	61.1	16	2.6
33390	-0.4	61.0	16	2.3
33400	-0.7	61.0	16	1.8
33410	-0.8	61.0	16	1.3
33420	-2.2	61.0	16	0.7

33430	-5.7	61.0	16	-0.5
33440	-1.2	61.0	16	-2.3
33450	-1.4	61.1	16	-2.6
33460	-5.2	61.1	16	-3.7
33470	-2.6	61.1	16	-5.8
33480	-2.3	61.2	16	-6.9
33490	-5.6	61.3	16	-8.5
33500	-3.9	61.4	16	-10.6
33510	-3.1	61.6	16	-12.7
33520	-6.2	61.7	16	-17.3
33530	-5.2	61.9	16	-20.7
33540	-4.3	62.1	15	-24.2
33550	-6.8	62.3	15	-24.4
33560	-7.1	62.6	15	-25.0
33570	-5.8	62.9	15	-34.6
33580	-7.7	63.3	14	-35.1
33590	-7.9	63.6	14	-35.4
33600	-6.6	64.1	13	-47.6
33610	-7.5	64.5	13	-46.5
33620	-8.3	65.0	12	-45.2
33630	-6.8	65.6	12	-60.1
33640	-7.3	66.2	11	-64.6
33650	-8.3	66.7	11	-56.4
33660	-7.2	67.4	10	-73.2
33670	-7.5	68.1	9	-77.4
33680	-7.9	68.9	9	-80.9
33690	-6.9	69.6	8	-86.2
33700	-7.3	70.4	7	-89.9
33710	-7.5	71.3	6	-94.5
33720	-6.2	72.2	5	-98.7
33730	-6.2	73.1	4	-101.9
33740	-7.2	74.1	3	-96.1
33750	-6.1	75.0	2	-99.8
33760	-6.2	76.1	1	-102.7
33770	-6.8	77.1	0	-105.9
33780	-6.8	78.2	-1	-109.6
33790	-5.8	79.3	-2	-112.8
33800	-6.1	80.5	-3	-116.0
33810	-6.1	81.7	-4	-119.0
33820	-5.4	82.9	-5	-122.1
33830	-5.6	84.1	-7	-124.8
33840	-5.4	85.4	-8	-127.7
33850	-6.1	86.7	-9	-130.4
33860	-5.4	88.0	-11	-133.3
33870	-6.4	89.4	-12	-136.0
33880	-5.7	90.8	-13	-139.5
33890	-5.8	92.2	-15	-141.8
33900	-5.7	93.6	-16	-144.8
33910	-6.2	95.1	-18	-147.2
33920	-5.3	96.6	-19	-150.1
33930	-5.4	98.1	-21	-152.8
33940	-4.5	99.6	-22	-155.2
33950	-5.3	101.2	-24	-157.3
33960	-5.3	102.8	-25	-159.4

33970	-4.3	104.4	-27	-161.8
33980	-5.0	105.9	-28	-146.9
33990	-19.3	107.5	-30	-130.7
34000	-20.2	108.8	-31	-126.7
34010	-11.7	109.9	-32	-98.2
34020	-10.3	110.9	-33	-94.5
34030	-15.1	111.8	-34	-90.2
34040	-12.1	112.5	-35	-71.6
34050	-6.6	113.1	-36	-67.3
34060	-6.5	113.7	-36	-53.2
34070	-7.2	114.2	-37	-50.8
34080	-5.0	114.6	-37	-40.1
34090	-3.3	114.9	-37	-30.8
34100	-3.8	115.2	-38	-30.0
34110	-3.5	115.5	-38	-23.1
34120	-2.6	115.7	-38	-22.6
34130	-2.7	115.9	-38	-17.5
34140	-2.8	116.1	-39	-18.6
34150	-1.9	116.3	-39	-14.6
34160	-1.2	116.4	-39	-14.1
34170	-1.2	116.5	-39	-11.1
34180	-0.8	116.6	-39	-8.5
34190	-0.3	116.7	-39	-9.3
34200	-0.1	116.8	-39	-7.4
34210	0.0	116.8	-39	-5.5
34220	0.0	116.9	-39	-5.5
34230	0.0	116.9	-39	-4.5
34240	0.0	117.0	-40	-4.5
34250	0.0	117.0	-40	-3.7
34260	0.0	117.1	-40	-3.1
34270	0.5	117.1	-40	-2.9
34280	0.7	117.1	-40	-2.6
34290	1.5	117.1	-40	-2.1
34300	6.4	117.1	-40	-0.5
34310	3.5	117.1	-40	1.3
34320	0.4	117.1	-40	2.9
34330	3.9	117.1	-40	3.1
34340	3.1	117.0	-40	5.8
34350	0.9	116.9	-39	7.9
34360	3.5	116.9	-39	8.7
34370	4.1	116.8	-39	10.6
34380	1.8	116.7	-39	11.9
34390	3.4	116.5	-39	11.7
34400	4.2	116.4	-39	13.3
34410	2.3	116.2	-39	18.3
34420	3.5	116.0	-39	20.4
34430	4.7	115.9	-38	22.0
34440	3.0	115.6	-38	22.8
34450	3.4	115.4	-38	22.0
34460	4.6	115.1	-38	23.6
34470	3.4	114.8	-37	28.7
34480	3.4	114.6	-37	30.3
34490	5.2	114.2	-37	29.0
34500	4.1	113.9	-36	31.6

34510	3.7	113.5	-36	33.2
34520	4.6	113.1	-36	42.5
34530	4.2	112.8	-35	41.2
34540	4.1	112.3	-35	39.1
34550	4.6	111.9	-34	41.2
34560	4.3	111.4	-34	52.7
34570	4.1	110.9	-33	55.1
34580	4.3	110.4	-33	52.4
34590	4.2	109.8	-32	48.9
34600	3.9	109.3	-32	51.1
34610	4.3	108.7	-31	52.7
34620	4.1	108.1	-31	66.8
34630	4.1	107.4	-30	68.9
34640	4.1	106.8	-29	71.3
34650	3.8	106.1	-29	73.7
34660	3.7	105.5	-28	75.6
34670	3.7	104.8	-27	70.5
34680	3.8	104.0	-27	72.4
34690	3.9	103.3	-26	74.2
34700	3.4	102.5	-25	76.4
34710	3.0	101.8	-24	78.0
34720	3.7	101.0	-24	79.3
34730	3.1	100.2	-23	81.1
34740	3.3	99.3	-22	82.7
34750	3.7	98.5	-21	84.3
34760	3.1	97.6	-20	86.2
34770	3.4	96.8	-19	87.8
34780	3.4	95.9	-18	89.4
34790	3.4	95.0	-18	90.7
34800	3.7	94.1	-17	92.6
34810	3.3	93.1	-16	94.2
34820	3.0	92.2	-15	95.8
34830	3.7	91.2	-14	97.4
34840	3.5	90.2	-13	98.7
34850	3.9	89.2	-12	100.6
34860	3.8	88.2	-11	102.2
34870	3.9	87.2	-10	104.3
34880	4.1	86.1	-9	105.9
34890	4.3	85.0	-8	108.0
34900	3.8	83.9	-6	109.9
34910	4.5	82.8	-5	111.5
34920	4.2	81.7	-4	113.6
34930	4.6	80.5	-3	115.5
34940	4.9	79.4	-2	117.9
34950	4.7	78.2	-1	120.3
34960	4.5	76.9	1	122.4
34970	5.2	75.7	2	124.5
34980	5.6	74.4	3	127.2
34990	4.3	73.1	4	129.6
35000	7.2	71.9	6	115.5
35010	17.8	70.7	7	125.9
35020	14.4	69.7	8	103.0
35030	11.5	68.7	9	91.3
35040	14.1	67.9	10	73.4

35050	12.2	67.1	10	73.4
35060	11.5	66.5	11	65.4
35070	12.6	65.9	12	52.4
35080	10.3	65.3	12	52.1
35090	9.2	64.8	13	46.5
35100	9.4	64.4	13	41.7
35110	8.4	64.0	13	33.5
35120	8.1	63.7	14	33.2
35130	8.8	63.4	14	32.4
35140	8.8	63.1	14	26.6
35150	8.5	62.9	15	25.8
35160	8.3	62.7	15	21.0
35170	7.9	62.5	15	17.3
35180	7.2	62.3	15	17.0
35190	6.5	62.1	15	13.5
35200	5.6	62.0	15	13.8
35210	5.3	61.9	16	13.0
35220	4.7	61.8	16	10.6
35230	4.2	61.7	16	9.5
35240	3.8	61.6	16	7.7
35250	3.3	61.5	16	7.4
35260	2.4	61.4	16	6.1
35270	1.9	61.4	16	6.1
35280	1.2	61.3	16	5.8
35290	0.4	61.3	16	4.7
35300	0.1	61.2	16	4.2
35310	0.0	61.2	16	3.4
35320	0.0	61.1	16	2.9
35330	-0.5	61.1	16	2.6
35340	-0.8	61.1	16	2.3
35350	-2.4	61.1	16	1.8
35360	-8.4	61.1	16	-0.5
35370	-2.0	61.1	16	-3.4
35380	-2.2	61.1	16	-4.7
35390	-7.1	61.2	16	-6.3
35400	-4.1	61.3	16	-10.1
35410	-4.1	61.4	16	-12.5
35420	-6.8	61.5	16	-13.5
35430	-5.6	61.7	16	-15.4
35440	-4.6	61.9	16	-18.1
35450	-7.3	62.1	15	-25.0
35460	-6.6	62.3	15	-26.3
35470	-5.7	62.6	15	-26.6
35480	-7.9	63.0	14	-36.4
35490	-8.1	63.3	14	-37.5
35500	-7.2	63.7	14	-37.5
35510	-8.8	64.2	13	-50.3
35520	-9.1	64.6	13	-49.7
35530	-8.0	65.2	12	-48.9
35540	-8.3	65.8	12	-64.9
35550	-9.4	66.4	11	-63.3
35560	-9.1	67.0	10	-61.4
35570	-9.1	67.8	10	-65.7
35580	-10.0	68.5	9	-70.2

35590	-9.8	69.3	8	-75.0
35600	-10.2	70.3	7	-97.1
35610	-11.5	71.2	6	-103.2
35620	-10.7	72.2	5	-109.6
35630	-10.2	73.2	4	-115.5
35640	-11.4	74.3	3	-110.7
35650	-10.4	75.5	2	-116.8
35660	-10.7	76.7	1	-122.1
35670	-11.5	77.9	0	-128.3
35680	-10.8	79.3	-2	-134.1
35690	-10.2	80.6	-3	-140.2
35700	-10.6	82.1	-5	-145.6
35710	-11.0	83.6	-6	-151.2
35720	-10.6	85.1	-8	-157.3
35730	-11.4	86.8	-9	-162.6
35740	-10.7	88.4	-11	-168.5
35750	-10.3	90.2	-13	-174.1
35760	-9.8	91.9	-14	-179.1
35770	-9.5	93.8	-16	-184.4
35780	-10.7	95.6	-18	-189.2
35790	-9.2	97.6	-20	-194.6
35800	-7.5	99.6	-22	-199.1
35810	-8.7	101.6	-24	-203.1
35820	-8.1	103.6	-26	-206.8
35830	-8.1	105.6	-28	-189.2
35840	-24.0	107.6	-30	-171.9
35850	-34.7	109.3	-32	-160.2
35860	-26.2	110.8	-33	-145.3
35870	-16.7	111.8	-34	-108.6
35880	-22.8	112.8	-35	-89.9
35890	-22.6	113.6	-36	-74.8
35900	-15.1	114.2	-37	-54.8
35910	-12.3	114.7	-37	-50.0
35920	-14.6	115.2	-38	-45.7
35930	-11.3	115.5	-38	-34.3
35940	-7.2	115.8	-38	-25.2
35950	-7.5	116.1	-39	-23.4
35960	-7.2	116.3	-39	-21.2
35970	-6.0	116.5	-39	-15.9
35980	-5.2	116.6	-39	-11.7
35990	-5.7	116.7	-39	-11.9
36000	-5.3	116.8	-39	-9.0
36010	-4.2	116.9	-39	-6.6
36020	-3.7	117.0	-40	-6.3
36030	-3.0	117.0	-40	-5.0
36040	-1.8	117.0	-40	-3.7
36050	-0.7	117.1	-40	-2.9
36060	0.0	117.1	-40	-2.3
36070	0.0	117.1	-40	-2.1
36080	0.0	117.2	-40	-1.8
36090	0.3	117.2	-40	-1.5
36100	0.3	117.2	-40	-1.0
36110	0.4	117.2	-40	-1.0
36120	0.4	117.2	-40	-0.7

36130	0.4	117.2	-40	-0.2
36140	0.5	117.2	-40	0.0
36150	0.8	117.2	-40	0.2
36160	3.3	117.2	-40	0.5
36170	4.2	117.2	-40	1.8
36180	0.9	117.2	-40	3.4
36190	1.5	117.1	-40	4.2
36200	3.1	117.1	-40	5.8
36210	1.2	117.0	-40	7.1
36220	1.5	116.9	-39	8.2
36230	3.1	116.8	-39	9.3
36240	2.0	116.8	-39	9.5
36250	1.5	116.7	-39	9.8
36260	3.1	116.5	-39	10.6
36270	3.1	116.4	-39	11.9
36280	2.3	116.3	-39	13.5
36290	3.1	116.1	-39	14.9
36300	3.1	115.9	-38	16.2
36310	2.7	115.7	-38	17.8
36320	3.3	115.5	-38	19.4
36330	3.7	115.3	-38	25.5
36340	3.3	115.0	-38	27.4
36350	3.1	114.8	-37	29.8
36360	3.3	114.5	-37	31.4
36370	3.7	114.2	-37	30.3
36380	3.8	113.9	-36	29.0
36390	3.7	113.5	-36	30.6
36400	3.5	113.2	-36	33.0
36410	3.5	112.8	-35	34.3
36420	3.8	112.4	-35	35.9
36430	3.8	112.0	-35	37.8
36440	3.4	111.6	-34	48.4

ISOK_EXERC_ER/IR_300_R_SIDE
01/07
Set #4

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	117.2	-40	0.0
10	0.8	117.2	-40	0.2
20	1.1	117.2	-40	0.5
30	1.2	117.2	-40	0.7
40	1.4	117.2	-40	1.0
50	1.5	117.2	-40	2.3
60	1.4	117.1	-40	2.6
70	1.5	117.1	-40	3.1
80	4.3	117.1	-40	3.9
90	7.1	117.0	-40	6.6
100	1.6	116.9	-39	9.8
110	1.8	116.8	-39	10.6
120	4.3	116.7	-39	11.7
130	4.3	116.5	-39	13.8
140	3.9	116.3	-39	15.7
150	3.8	116.2	-39	17.8
160	3.5	115.9	-38	19.4
170	3.9	115.7	-38	25.8
180	4.3	115.4	-38	28.4
190	4.3	115.2	-38	28.2
200	4.2	114.9	-37	27.4
210	4.5	114.6	-37	35.9
220	4.7	114.2	-37	38.3
230	4.9	113.8	-36	41.2
240	5.0	113.4	-36	44.1
250	4.9	113.0	-36	47.1
260	4.7	112.6	-35	45.2
270	5.2	112.1	-35	43.1
280	4.7	111.6	-34	55.3
290	4.5	111.1	-34	52.7
300	5.0	110.6	-33	49.5
310	5.0	110.0	-33	63.3
320	4.9	109.4	-32	66.2
330	5.0	108.7	-31	68.9
340	4.9	108.1	-31	71.8
350	4.9	107.4	-30	74.5
360	4.5	106.7	-29	77.2
370	4.6	106.0	-29	79.8
380	4.7	105.3	-28	74.5
390	4.3	104.5	-27	77.2
400	4.3	103.7	-26	79.3
410	4.7	102.9	-25	81.7
420	4.5	102.1	-25	84.1
430	4.9	101.2	-24	86.5
440	4.3	100.3	-23	88.9
450	4.5	99.4	-22	91.3
460	4.7	98.5	-21	93.7
470	4.5	97.5	-20	95.8
480	4.7	96.5	-19	98.2

490	4.2	95.5	-18	100.8
500	4.9	94.5	-17	102.7
510	5.0	93.5	-16	105.1
520	5.0	92.4	-15	107.5
530	4.5	91.3	-14	109.6
540	4.7	90.2	-13	112.0
550	5.2	89.1	-12	114.4
560	5.2	87.9	-10	116.8
570	4.3	86.7	-9	119.5
580	4.5	85.5	-8	121.6
590	4.7	84.3	-7	123.7
600	5.0	83.0	-6	126.1
610	4.6	81.7	-4	128.3
620	5.2	80.4	-3	130.4
630	5.2	79.1	-2	133.1
640	4.6	77.8	0	135.2
650	5.0	76.4	1	137.6
660	5.7	75.0	2	139.7
670	4.7	73.6	4	142.4
680	4.9	72.2	5	143.2
690	17.2	70.9	7	129.3
700	18.4	69.7	8	103.0
710	12.9	68.7	9	100.8
720	13.4	67.7	10	88.9
730	14.0	66.9	11	70.8
740	12.6	66.2	11	69.2
750	13.2	65.6	12	61.2
760	11.4	65.0	12	53.7
770	8.7	64.5	13	42.8
780	8.5	64.1	13	42.0
790	9.2	63.7	14	37.0
800	8.5	63.4	14	29.0
810	7.9	63.1	14	28.7
820	7.9	62.8	15	25.2
830	7.5	62.6	15	20.2
840	7.1	62.4	15	19.9
850	6.5	62.2	15	17.3
860	5.0	62.0	15	15.4
870	3.8	61.9	16	13.3
880	2.2	61.8	16	11.7
890	1.1	61.7	16	10.3
900	0.1	61.6	16	8.2
910	0.0	61.5	16	7.9
920	0.0	61.4	16	6.3
930	-0.7	61.4	16	6.3
940	-2.2	61.3	16	5.3
950	-10.6	61.3	16	3.1
960	-2.3	61.3	16	-1.5
970	-1.9	61.3	16	-2.1
980	-8.5	61.3	16	-3.4
990	-5.2	61.4	16	-6.9
1000	-4.6	61.5	16	-9.5
1010	-6.9	61.6	16	-14.6
1020	-5.6	61.8	16	-18.1

1030	-4.5	62.0	15	-21.8
1040	-6.4	62.2	15	-21.8
1050	-6.0	62.4	15	-22.8
1060	-4.6	62.7	15	-31.4
1070	-6.5	63.0	14	-31.1
1080	-6.9	63.3	14	-31.1
1090	-6.1	63.7	14	-42.3
1100	-6.9	64.1	13	-41.7
1110	-7.3	64.6	13	-40.4
1120	-6.4	65.1	12	-53.7
1130	-6.1	65.6	12	-57.7
1140	-6.8	66.1	11	-55.6
1150	-7.1	66.7	11	-53.5
1160	-6.8	67.3	10	-56.4
1170	-7.7	68.0	9	-72.9
1180	-8.3	68.7	9	-77.4
1190	-7.9	69.4	8	-74.8
1200	-8.4	70.2	7	-70.8
1210	-8.9	71.0	6	-91.3
1220	-7.9	71.9	6	-96.9
1230	-8.1	72.8	5	-101.1
1240	-8.4	73.8	4	-96.1
1250	-7.3	74.8	3	-100.8
1260	-7.6	75.8	2	-104.6
1270	-8.0	76.9	1	-108.6
1280	-8.3	78.0	-1	-113.1
1290	-7.9	79.1	-2	-117.4
1300	-8.3	80.4	-3	-121.9
1310	-8.1	81.6	-4	-125.9
1320	-7.6	82.9	-5	-130.4
1330	-7.6	84.2	-7	-133.9
1340	-6.9	85.6	-8	-138.1
1350	-8.1	87.0	-10	-141.3
1360	-7.1	88.4	-11	-145.6
1370	-7.6	89.9	-12	-149.0
1380	-7.2	91.5	-14	-153.0
1390	-7.5	93.0	-16	-156.5
1400	-7.6	94.6	-17	-160.0
1410	-7.3	96.2	-19	-163.9
1420	-8.1	97.9	-20	-167.7
1430	-6.1	99.6	-22	-171.1
1440	-7.3	101.3	-24	-174.6
1450	-7.2	103.1	-26	-177.5
1460	-7.2	104.9	-27	-180.7
1470	-10.3	106.6	-29	-159.7
1480	-27.3	108.2	-31	-153.3
1490	-26.7	109.6	-32	-117.4
1500	-16.4	110.7	-33	-111.0
1510	-17.6	111.8	-34	-93.4
1520	-20.1	112.6	-35	-80.3
1530	-16.5	113.3	-36	-68.1
1540	-13.2	113.9	-36	-52.1
1550	-13.7	114.4	-37	-49.2
1560	-12.3	114.8	-37	-38.3

1570	-10.8	115.2	-38	-39.1
1580	-9.8	115.5	-38	-30.0
1590	-9.9	115.8	-38	-28.2
1600	-9.6	116.0	-39	-22.0
1610	-9.5	116.2	-39	-20.4
1620	-9.2	116.4	-39	-15.9
1630	-8.5	116.5	-39	-12.2
1640	-7.1	116.6	-39	-12.7
1650	-6.1	116.7	-39	-9.8
1660	-4.9	116.8	-39	-7.4
1670	-3.8	116.9	-39	-6.9
1680	-2.8	117.0	-40	-5.5
1690	-1.9	117.0	-40	-4.7
1700	-1.2	117.1	-40	-4.2
1710	-0.9	117.1	-40	-3.7
1720	-0.5	117.1	-40	-3.1
1730	0.0	117.1	-40	-2.9
1740	0.0	117.2	-40	-2.3
1750	0.1	117.2	-40	-2.1
1760	0.5	117.2	-40	-1.5
1770	0.8	117.2	-40	-1.0
1780	0.9	117.2	-40	-0.2
1790	5.2	117.2	-40	-0.2
1800	7.5	117.2	-40	2.9
1810	2.0	117.1	-40	6.1
1820	1.9	117.1	-40	6.6
1830	5.4	117.0	-40	7.7
1840	5.0	116.9	-39	10.3
1850	4.1	116.8	-39	12.5
1860	5.2	116.6	-39	16.2
1870	4.7	116.4	-39	21.0
1880	4.9	116.2	-39	23.4
1890	5.3	116.0	-39	26.8
1900	4.9	115.7	-38	26.8
1910	5.3	115.4	-38	26.8
1920	6.0	115.1	-38	29.8
1930	5.4	114.7	-37	32.4
1940	5.4	114.3	-37	42.5
1950	5.6	114.0	-37	41.5
1960	5.7	113.5	-36	44.4
1970	5.7	113.1	-36	42.5
1980	5.3	112.5	-35	55.3
1990	5.3	112.0	-35	52.9
2000	5.4	111.5	-34	50.3
2010	5.3	110.9	-33	64.1
2020	5.2	110.3	-33	61.2
2030	5.3	109.7	-32	63.8
2040	5.3	109.0	-32	60.1
2050	5.2	108.3	-31	62.5
2060	5.4	107.6	-30	64.9
2070	5.4	106.9	-29	67.6
2080	5.3	106.1	-29	69.7
2090	5.4	105.3	-28	80.1
2100	4.9	104.4	-27	83.0

2110	5.0	103.6	-26	85.7
2120	5.3	102.7	-25	88.1
2130	4.7	101.8	-24	91.0
2140	5.4	100.9	-23	93.7
2150	4.9	99.9	-22	96.3
2160	5.2	98.9	-21	98.7
2170	5.4	97.9	-20	101.6
2180	5.2	96.9	-19	104.3
2190	4.6	95.8	-18	106.7
2200	5.0	94.8	-17	109.1
2210	5.3	93.6	-16	111.5
2220	5.2	92.5	-15	114.2
2230	4.7	91.4	-14	116.6
2240	4.9	90.2	-13	119.2
2250	5.4	89.0	-12	121.6
2260	5.3	87.7	-10	124.3
2270	4.9	86.5	-9	126.9
2280	5.3	85.2	-8	129.3
2290	5.0	83.9	-6	131.7
2300	5.4	82.5	-5	134.4
2310	5.4	81.2	-4	136.8
2320	5.7	79.8	-2	139.5
2330	5.7	78.4	-1	142.1
2340	4.9	76.9	1	144.8
2350	5.6	75.4	2	147.2
2360	6.1	73.9	4	150.1
2370	5.3	72.5	5	137.3
2380	16.5	71.1	6	125.9
2390	21.7	69.7	8	135.5
2400	15.3	68.7	9	96.9
2410	13.8	67.7	10	94.2
2420	15.6	66.8	11	82.7
2430	13.6	66.0	11	79.0
2440	14.1	65.4	12	63.3
2450	12.7	64.9	13	55.6
2460	9.5	64.4	13	48.4
2470	9.1	63.9	14	42.3
2480	9.4	63.5	14	33.2
2490	8.1	63.2	14	32.2
2500	6.9	62.9	15	27.9
2510	6.6	62.6	15	26.8
2520	6.4	62.4	15	21.8
2530	5.7	62.2	15	18.9
2540	4.7	62.0	15	18.3
2550	3.5	61.9	16	14.3
2560	1.8	61.8	16	12.7
2570	0.3	61.7	16	11.9
2580	0.0	61.6	16	9.3
2590	-0.1	61.5	16	9.0
2600	-0.8	61.4	16	7.1
2610	-10.3	61.3	16	5.8
2620	-10.4	61.3	16	-0.5
2630	-3.7	61.4	16	-3.7
2640	-6.2	61.4	16	-5.5

2650	-11.1	61.5	16	-10.6
2660	-7.1	61.7	16	-17.0
2670	-8.8	61.8	16	-21.5
2680	-9.9	62.1	15	-24.2
2690	-8.8	62.3	15	-26.3
2700	-9.5	62.7	15	-37.2
2710	-9.4	63.0	14	-39.1
2720	-9.5	63.5	14	-39.9
2730	-10.3	64.0	13	-44.4
2740	-11.1	64.5	13	-60.4
2750	-11.0	65.1	12	-60.6
2760	-10.8	65.7	12	-59.9
2770	-11.5	66.4	11	-65.4
2780	-11.4	67.3	10	-86.5
2790	-11.8	68.0	9	-84.3
2800	-11.8	68.9	9	-81.7
2810	-11.4	69.9	8	-97.1
2820	-12.1	71.0	6	-113.1
2830	-11.4	72.0	5	-120.3
2840	-10.7	73.2	4	-126.4
2850	-11.4	74.4	3	-120.8
2860	-10.6	75.6	2	-126.9
2870	-10.7	76.9	1	-132.5
2880	-10.8	78.3	-1	-138.4
2890	-10.2	79.7	-2	-143.7
2900	-9.1	81.2	-4	-149.3
2910	-8.5	82.7	-5	-154.4
2920	-8.8	84.3	-7	-158.4
2930	-7.9	85.9	-8	-162.9
2940	-8.5	87.6	-10	-166.9
2950	-8.5	89.3	-12	-171.4
2960	-7.2	91.0	-14	-175.7
2970	-8.0	92.8	-15	-179.1
2980	-7.5	94.6	-17	-182.6
2990	-7.5	96.5	-19	-186.6
3000	-7.2	98.4	-21	-189.8
3010	-6.1	100.3	-23	-193.2
3020	-6.1	102.3	-25	-196.2
3030	-6.4	104.2	-27	-199.1
3040	-6.5	106.1	-29	-181.2
3050	-26.2	108.0	-31	-157.0
3060	-30.8	109.5	-32	-147.2
3070	-19.9	110.8	-33	-110.2
3080	-14.5	111.9	-34	-101.4
3090	-17.5	112.8	-35	-85.1
3100	-14.6	113.5	-36	-63.6
3110	-10.0	114.1	-37	-59.1
3120	-8.8	114.6	-37	-43.9
3130	-8.3	115.1	-38	-40.9
3140	-5.8	115.4	-38	-30.6
3150	-3.0	115.7	-38	-30.8
3160	-2.6	116.0	-39	-23.6
3170	-2.0	116.2	-39	-19.7
3180	-1.6	116.4	-39	-14.9

3190	-1.8	116.5	-39	-15.1
3200	-1.4	116.6	-39	-11.4
3210	-0.5	116.7	-39	-8.5
3220	0.0	116.8	-39	-8.2
3230	0.1	116.9	-39	-6.1
3240	0.1	116.9	-39	-6.1
3250	0.7	117.0	-40	-4.7
3260	1.2	117.0	-40	-3.4
3270	11.0	117.0	-40	-2.3
3280	5.4	117.0	-40	1.8
3290	0.0	117.0	-40	3.7
3300	3.3	117.0	-40	4.2
3310	5.0	116.9	-39	6.9
3320	2.7	116.8	-39	10.1
3330	3.8	116.7	-39	11.7
3340	4.7	116.6	-39	13.8
3350	3.9	116.4	-39	15.4
3360	5.2	116.3	-39	15.4
3370	5.6	116.1	-39	18.3
3380	5.0	115.9	-38	20.4
3390	5.4	115.6	-38	28.4
3400	5.3	115.3	-38	28.7
3410	5.0	115.0	-38	28.2
3420	5.2	114.7	-37	37.5
3430	5.6	114.3	-37	40.7
3440	5.6	113.9	-36	39.6
3450	5.6	113.5	-36	38.6
3460	5.4	113.1	-36	50.0
3470	5.6	112.6	-35	48.4
3480	5.8	112.1	-35	46.0
3490	5.2	111.6	-34	48.7
3500	5.3	111.0	-34	62.2
3510	5.3	110.4	-33	65.4
3520	4.6	109.8	-32	62.2
3530	4.6	109.2	-32	58.3
3540	4.9	108.5	-31	60.1
3550	4.6	107.8	-30	62.5
3560	4.3	107.1	-30	64.4
3570	4.6	106.4	-29	66.8
3580	5.0	105.6	-28	68.6
3590	4.9	104.8	-27	78.8
3600	4.3	104.0	-27	81.1
3610	4.9	103.1	-26	83.5
3620	4.7	102.3	-25	85.7
3630	4.3	101.4	-24	88.1
3640	4.2	100.5	-23	90.2
3650	4.2	99.6	-22	92.6
3660	4.5	98.7	-21	94.5
3670	4.3	97.7	-20	96.9
3680	4.5	96.7	-19	99.0
3690	4.3	95.7	-18	101.1
3700	4.3	94.7	-17	103.2
3710	5.0	93.6	-16	105.6
3720	4.6	92.6	-15	108.0

3730	4.7	91.5	-14	110.2
3740	5.2	90.3	-13	112.6
3750	5.4	89.2	-12	114.7
3760	5.3	88.0	-11	117.4
3770	4.7	86.8	-9	120.0
3780	4.7	85.6	-8	122.4
3790	5.2	84.4	-7	125.1
3800	5.3	83.1	-6	127.2
3810	5.0	81.8	-4	130.1
3820	5.8	80.5	-3	132.0
3830	5.8	79.2	-2	135.2
3840	5.0	77.8	0	137.6
3850	4.5	76.4	1	140.0
3860	5.6	75.0	2	142.1
3870	5.0	73.5	4	144.5
3880	5.3	72.1	5	159.7
3890	17.6	70.8	7	130.4
3900	18.3	69.6	8	103.8
3910	13.0	68.6	9	101.4
3920	13.8	67.6	10	89.1
3930	14.2	66.8	11	86.5
3940	13.6	66.1	11	69.2
3950	13.6	65.5	12	61.2
3960	10.8	64.9	13	54.0
3970	9.1	64.4	13	47.1
3980	9.5	64.0	13	45.7
3990	9.1	63.6	14	36.4
4000	7.7	63.3	14	31.9
4010	6.9	63.0	14	28.2
4020	7.1	62.7	15	22.3
4030	6.5	62.5	15	21.8
4040	6.0	62.3	15	21.5
4050	5.3	62.1	15	17.0
4060	3.9	62.0	15	15.1
4070	2.8	61.8	16	14.1
4080	1.8	61.7	16	11.4
4090	0.5	61.6	16	10.1
4100	0.0	61.5	16	7.7
4110	0.0	61.5	16	7.7
4120	-0.1	61.4	16	6.1
4130	-0.8	61.3	16	6.1
4140	-7.9	61.3	16	4.5
4150	-6.2	61.3	16	0.2
4160	-2.6	61.3	16	-2.1
4170	-5.7	61.3	16	-3.4
4180	-7.7	61.4	16	-6.6
4190	-5.7	61.5	16	-11.1
4200	-6.9	61.6	16	-13.5
4210	-7.7	61.7	16	-15.1
4220	-6.4	61.9	16	-18.9
4230	-7.7	62.2	15	-22.0
4240	-7.7	62.5	15	-31.4
4250	-6.8	62.8	15	-32.4
4260	-8.4	63.1	14	-32.7

4270	-9.4	63.5	14	-45.2
4280	-9.1	64.0	13	-46.0
4290	-9.6	64.5	13	-45.7
4300	-10.2	65.0	12	-61.2
4310	-9.5	65.6	12	-60.9
4320	-9.6	66.2	11	-59.9
4330	-9.9	67.0	10	-78.5
4340	-9.8	67.7	10	-84.1
4350	-9.8	68.5	9	-81.7
4360	-10.0	69.4	8	-78.2
4370	-10.6	70.3	7	-101.1
4380	-10.7	71.3	6	-107.0
4390	-9.9	72.3	5	-113.4
4400	-9.9	73.4	4	-118.7
4410	-10.3	74.5	3	-113.6
4420	-9.1	75.7	2	-118.7
4430	-9.1	76.9	1	-123.7
4440	-9.4	78.2	-1	-128.3
4450	-8.9	79.5	-2	-133.3
4460	-8.4	80.8	-3	-138.1
4470	-7.9	82.3	-5	-142.4
4480	-8.1	83.7	-6	-146.1
4490	-7.9	85.2	-8	-150.4
4500	-7.7	86.7	-9	-154.4
4510	-6.9	88.3	-11	-158.4
4520	-7.3	89.9	-12	-161.5
4530	-5.8	91.6	-14	-165.0
4540	-6.1	93.2	-16	-167.9
4550	-6.6	94.9	-17	-170.6
4560	-5.6	96.7	-19	-173.8
4570	-5.4	98.4	-21	-176.2
4580	-5.0	100.2	-23	-178.6
4590	-4.7	102.0	-25	-181.0
4600	-4.2	103.8	-26	-182.8
4610	-5.0	105.6	-28	-166.1
4620	-16.3	107.3	-30	-151.7
4630	-23.6	108.8	-31	-144.8
4640	-17.9	110.2	-33	-134.7
4650	-10.4	111.2	-34	-103.5
4660	-12.5	112.1	-35	-88.1
4670	-12.7	112.9	-35	-67.3
4680	-9.4	113.6	-36	-63.6
4690	-7.3	114.1	-37	-48.1
4700	-7.3	114.6	-37	-49.7
4710	-6.0	115.0	-38	-38.6
4720	-4.2	115.4	-38	-35.9
4730	-3.9	115.6	-38	-27.6
4740	-3.8	115.9	-38	-25.8
4750	-4.1	116.1	-39	-20.2
4760	-4.6	116.3	-39	-18.9
4770	-4.9	116.4	-39	-14.9
4780	-5.0	116.5	-39	-10.9
4790	-4.9	116.7	-39	-10.6
4800	-4.9	116.8	-39	-7.9

4810	-4.3	116.8	-39	-8.2
4820	-3.9	116.9	-39	-6.3
4830	-3.3	117.0	-40	-5.8
4840	-2.6	117.0	-40	-4.5
4850	-2.3	117.0	-40	-3.9
4860	-2.0	117.1	-40	-3.1
4870	-1.5	117.1	-40	-2.3
4880	-0.7	117.1	-40	-2.3
4890	-0.1	117.2	-40	-2.3
4900	0.0	117.2	-40	-1.8
4910	0.1	117.2	-40	-1.3
4920	0.5	117.2	-40	-1.0
4930	0.8	117.2	-40	-0.5
4940	0.8	117.2	-40	0.0
4950	1.8	117.2	-40	-0.5
4960	9.1	117.2	-40	1.3
4970	3.5	117.2	-40	3.9
4980	0.4	117.1	-40	5.8
4990	4.7	117.0	-40	6.3
5000	4.6	116.9	-39	8.5
5010	3.7	116.8	-39	13.3
5020	4.6	116.7	-39	15.4
5030	4.6	116.5	-39	17.8
5040	4.9	116.4	-39	21.0
5050	5.4	116.2	-39	21.5
5060	4.9	115.9	-38	22.0
5070	5.0	115.6	-38	30.0
5080	5.4	115.4	-38	29.8
5090	5.4	115.0	-38	35.9
5100	5.3	114.7	-37	39.4
5110	5.4	114.3	-37	38.6
5120	5.4	113.9	-36	37.2
5130	5.6	113.5	-36	39.9
5140	5.6	113.0	-36	51.9
5150	5.4	112.5	-35	50.0
5160	5.2	112.0	-35	47.3
5170	5.2	111.4	-34	60.9
5180	5.0	110.8	-33	63.8
5190	4.9	110.3	-33	60.6
5200	4.7	109.6	-32	56.9
5210	4.7	109.0	-32	60.1
5220	4.6	108.3	-31	61.2
5230	4.9	107.6	-30	63.3
5240	4.6	106.9	-29	65.7
5250	4.3	106.2	-29	67.6
5260	4.3	105.4	-28	77.2
5270	4.1	104.6	-27	79.3
5280	4.1	103.8	-26	81.7
5290	4.3	102.9	-25	83.5
5300	4.1	102.1	-25	85.7
5310	4.3	101.2	-24	87.8
5320	4.1	100.3	-23	89.9
5330	4.3	99.4	-22	91.8
5340	4.7	98.4	-21	94.2

5350	4.5	97.5	-20	96.3
5360	4.5	96.5	-19	99.0
5370	4.3	95.5	-18	101.1
5380	4.9	94.5	-17	103.0
5390	5.0	93.4	-16	105.4
5400	5.0	92.3	-15	108.0
5410	4.7	91.2	-14	110.2
5420	5.0	90.1	-13	112.8
5430	5.3	89.0	-12	115.2
5440	5.2	87.8	-10	117.6
5450	4.9	86.6	-9	120.3
5460	4.9	85.4	-8	122.9
5470	5.3	84.1	-7	125.1
5480	5.6	82.9	-5	127.7
5490	4.3	81.6	-4	130.4
5500	5.3	80.2	-3	132.5
5510	5.7	78.9	-1	135.2
5520	5.0	77.5	0	137.9
5530	5.0	76.1	1	140.2
5540	6.1	74.7	3	142.6
5550	5.0	73.3	4	145.6
5560	7.5	71.8	6	158.1
5570	19.7	70.6	7	128.0
5580	16.8	69.3	8	124.0
5590	11.9	68.4	9	99.0
5600	13.8	67.5	10	87.3
5610	13.4	66.7	11	77.2
5620	12.5	65.9	12	67.3
5630	12.7	65.4	12	59.6
5640	9.8	64.8	13	52.7
5650	7.9	64.3	13	46.3
5660	8.4	63.9	14	40.4
5670	7.6	63.5	14	32.2
5680	6.1	63.2	14	31.4
5690	5.4	62.9	15	27.4
5700	5.6	62.7	15	21.8
5710	4.9	62.5	15	21.2
5720	4.5	62.3	15	20.7
5730	3.9	62.1	15	16.7
5740	2.7	62.0	15	14.6
5750	1.8	61.8	16	11.4
5760	0.9	61.7	16	11.1
5770	0.0	61.6	16	10.9
5780	0.0	61.5	16	8.2
5790	0.0	61.4	16	6.9
5800	-0.4	61.4	16	6.6
5810	-1.1	61.3	16	6.3
5820	-9.4	61.3	16	4.5
5830	-3.7	61.2	16	-0.2
5840	-2.4	61.2	16	0.0
5850	-5.7	61.3	16	-2.1
5860	-4.9	61.3	16	-6.1
5870	-6.0	61.4	16	-8.5
5880	-6.5	61.5	16	-12.2

5890	-6.0	61.6	16	-16.2
5900	-6.4	61.8	16	-19.4
5910	-7.5	62.0	15	-23.6
5920	-7.2	62.2	15	-25.2
5930	-7.3	62.5	15	-26.0
5940	-8.8	62.8	15	-36.4
5950	-9.1	63.2	14	-41.5
5960	-9.1	63.6	14	-42.8
5970	-10.3	64.1	13	-43.1
5980	-10.4	64.6	13	-58.0
5990	-10.2	65.2	12	-58.3
6000	-10.2	65.8	12	-57.5
6010	-10.4	66.5	11	-62.8
6020	-10.6	67.2	10	-67.6
6030	-10.8	68.0	9	-88.6
6040	-11.0	68.8	9	-86.2
6050	-10.6	69.7	8	-82.7
6060	-11.4	70.7	7	-87.8
6070	-11.5	71.7	6	-93.1
6080	-10.8	72.8	5	-98.5
6090	-11.0	74.0	3	-115.0
6100	-10.3	75.2	2	-121.1
6110	-10.2	76.4	1	-126.7
6120	-10.0	77.8	0	-132.3
6130	-10.3	79.1	-2	-137.3
6140	-9.4	80.5	-3	-142.9
6150	-9.1	82.0	-5	-147.7
6160	-9.6	83.5	-6	-152.8
6170	-9.5	85.1	-8	-157.3
6180	-9.6	86.7	-9	-162.1
6190	-9.2	88.3	-11	-167.1
6200	-9.4	90.1	-13	-171.9
6210	-7.7	91.8	-14	-176.5
6220	-7.9	93.6	-16	-180.4
6230	-9.2	95.4	-18	-184.2
6240	-7.7	97.3	-20	-188.7
6250	-6.5	99.2	-22	-192.4
6260	-7.6	101.2	-24	-195.6
6270	-7.9	103.2	-26	-198.6
6280	-7.5	105.2	-28	-202.5
6290	-15.3	107.2	-30	-213.2
6300	-32.7	108.8	-31	-163.4
6310	-29.6	110.3	-33	-149.8
6320	-15.2	111.4	-34	-113.1
6330	-18.6	112.4	-35	-93.9
6340	-20.7	113.2	-36	-86.2
6350	-14.9	113.9	-36	-65.4
6360	-10.3	114.5	-37	-59.3
6370	-12.7	114.9	-37	-44.9
6380	-10.6	115.3	-38	-37.8
6390	-6.9	115.7	-38	-31.1
6400	-4.7	115.9	-38	-28.4
6410	-4.3	116.2	-39	-21.5
6420	-3.4	116.4	-39	-19.7

6430	-2.6	116.5	-39	-14.9
6440	-2.6	116.6	-39	-11.1
6450	-2.0	116.7	-39	-10.3
6460	-0.9	116.8	-39	-7.7
6470	-0.1	116.9	-39	-7.9
6480	0.3	117.0	-40	-5.8
6490	0.4	117.0	-40	-5.0
6500	0.8	117.1	-40	-4.5
6510	3.0	117.1	-40	-3.7
6520	11.4	117.1	-40	0.0
6530	3.5	117.1	-40	4.2
6540	0.1	117.0	-40	6.1
6550	6.6	117.0	-40	6.9
6560	5.7	116.9	-39	9.8
6570	2.7	116.8	-39	13.0
6580	5.2	116.6	-39	15.1
6590	5.2	116.5	-39	18.1
6600	4.5	116.3	-39	21.0
6610	6.1	116.1	-39	23.9
6620	5.3	115.8	-38	24.7
6630	5.2	115.6	-38	25.2
6640	6.4	115.3	-38	33.8
6650	5.7	114.9	-37	33.8
6660	5.2	114.6	-37	33.2
6670	5.8	114.2	-37	39.9
6680	5.8	113.7	-36	47.1
6690	5.4	113.3	-36	45.7
6700	5.3	112.8	-35	43.9
6710	5.8	112.3	-35	51.6
6720	6.0	111.8	-34	55.1
6730	5.4	111.2	-34	63.6
6740	5.7	110.6	-33	54.5
6750	5.3	110.0	-33	58.0
6760	5.3	109.3	-32	59.6
6770	5.4	108.7	-31	62.0
6780	5.2	108.0	-31	64.1
6790	5.0	107.2	-30	66.5
6800	5.0	106.5	-29	68.9
6810	4.7	105.7	-28	71.0
6820	4.7	104.8	-27	81.4
6830	5.2	104.0	-27	83.8
6840	5.6	103.1	-26	86.5
6850	4.9	102.2	-25	89.4
6860	4.7	101.3	-24	91.8
6870	5.0	100.4	-23	94.5
6880	4.9	99.4	-22	96.6
6890	5.0	98.4	-21	99.3
6900	5.2	97.4	-20	101.6
6910	4.7	96.4	-19	104.6
6920	5.3	95.3	-18	107.0
6930	5.0	94.2	-17	109.4
6940	5.3	93.1	-16	112.0
6950	5.6	92.0	-15	114.7
6960	5.3	90.8	-13	117.1

6970	5.4	89.6	-12	119.8
6980	5.7	88.4	-11	122.4
6990	5.3	87.2	-10	125.1
7000	4.9	85.9	-8	128.0
7010	5.4	84.6	-7	130.1
7020	5.2	83.3	-6	132.5
7030	5.3	81.9	-4	134.9
7040	6.2	80.6	-3	137.3
7050	5.8	79.2	-2	140.5
7060	5.2	77.7	0	143.2
7070	5.3	76.3	1	145.8
7080	6.6	74.8	3	148.0
7090	5.3	73.3	4	151.4
7100	7.2	71.8	6	165.0
7110	20.9	70.5	7	133.1
7120	18.8	69.3	8	116.8
7130	13.4	68.2	9	91.0
7140	15.5	67.3	10	89.1
7150	14.5	66.5	11	78.0
7160	14.0	65.8	12	61.2
7170	14.5	65.2	12	59.9
7180	11.3	64.6	13	52.4
7190	9.2	64.2	13	45.5
7200	9.9	63.8	14	35.6
7210	9.5	63.4	14	34.8
7220	8.5	63.1	14	30.3
7230	8.1	62.8	15	29.2
7240	8.1	62.6	15	23.4
7250	7.9	62.4	15	20.7
7260	7.6	62.2	15	16.2
7270	6.9	62.0	15	15.9
7280	6.1	61.9	16	13.5
7290	4.9	61.7	16	10.6
7300	3.7	61.6	16	10.3
7310	3.1	61.5	16	9.5
7320	1.6	61.5	16	7.7
7330	0.3	61.4	16	6.6
7340	0.0	61.3	16	6.3
7350	0.0	61.3	16	5.5
7360	-0.5	61.2	16	4.5
7370	-1.2	61.2	16	3.9
7380	-12.5	61.2	16	2.3
7390	-6.8	61.2	16	-2.3
7400	-2.6	61.2	16	-5.3
7410	-7.3	61.3	16	-6.6
7420	-8.5	61.4	16	-10.1
7430	-5.7	61.5	16	-14.1
7440	-7.6	61.7	16	-20.7
7450	-8.1	61.9	16	-22.8
7460	-6.0	62.2	15	-24.2
7470	-7.2	62.5	15	-33.2
7480	-7.5	62.8	15	-34.0
7490	-6.2	63.2	14	-34.3
7500	-7.3	63.6	14	-45.7

7510	-8.4	64.0	13	-45.2
7520	-7.6	64.5	13	-44.4
7530	-7.7	65.0	12	-48.1
7540	-8.3	65.6	12	-63.3
7550	-8.0	66.3	11	-68.6
7560	-8.1	66.9	11	-72.9
7570	-8.5	67.6	10	-77.7
7580	-8.8	68.4	9	-82.7
7590	-8.5	69.1	8	-88.1
7600	-8.9	69.9	8	-84.1
7610	-10.2	70.8	7	-79.8
7620	-9.2	71.7	6	-84.6
7630	-8.5	72.7	5	-88.6
7640	-9.8	73.8	4	-103.2
7650	-9.2	74.8	3	-108.3
7660	-8.7	76.0	1	-113.1
7670	-9.1	77.1	0	-118.2
7680	-9.5	78.4	-1	-122.9
7690	-8.5	79.6	-2	-127.7
7700	-8.4	80.9	-3	-132.3
7710	-8.4	82.3	-5	-136.8
7720	-8.3	83.7	-6	-141.0
7730	-8.1	85.1	-8	-145.0
7740	-8.3	86.6	-9	-149.0
7750	-7.6	88.1	-11	-153.3
7760	-7.7	89.7	-12	-157.3
7770	-6.5	91.3	-14	-161.3
7780	-7.3	92.9	-15	-164.2
7790	-7.1	94.6	-17	-167.7
7800	-7.1	96.3	-19	-171.7
7810	-7.7	98.1	-21	-174.9
7820	-6.2	99.8	-22	-178.1
7830	-6.9	101.6	-24	-181.5
7840	-6.8	103.5	-26	-184.2
7850	-7.6	105.3	-28	-187.6
7860	-14.8	107.1	-30	-178.9
7870	-29.6	108.7	-31	-135.7
7880	-26.3	110.0	-33	-128.3
7890	-14.1	111.1	-34	-96.3
7900	-18.4	112.1	-35	-91.0
7910	-21.3	112.9	-35	-77.2
7920	-15.5	113.6	-36	-58.5
7930	-11.7	114.1	-37	-54.5
7940	-14.6	114.6	-37	-41.5
7950	-12.6	115.0	-38	-38.8
7960	-9.5	115.4	-38	-29.5
7970	-8.4	115.7	-38	-27.6
7980	-8.3	115.9	-38	-21.0
7990	-7.6	116.1	-39	-19.9
8000	-6.4	116.3	-39	-14.9
8010	-6.4	116.4	-39	-14.1
8020	-6.0	116.6	-39	-10.6
8030	-4.2	116.7	-39	-10.1
8040	-3.7	116.8	-39	-8.5

8050	-3.3	116.8	-39	-6.3
8060	-1.8	116.9	-39	-6.1
8070	-0.3	116.9	-39	-4.7
8080	0.1	117.0	-40	-4.2
8090	0.0	117.0	-40	-3.1
8100	0.4	117.1	-40	-2.6
8110	0.5	117.1	-40	-2.6
8120	0.7	117.1	-40	-2.1
8130	1.6	117.1	-40	-1.8
8140	7.3	117.1	-40	0.2
8150	3.8	117.1	-40	2.3
8160	1.4	117.1	-40	3.4
8170	4.5	117.0	-40	5.5
8180	4.3	117.0	-40	7.1
8190	3.7	116.9	-39	9.0
8200	4.7	116.8	-39	10.6
8210	4.5	116.6	-39	14.1
8220	3.9	116.5	-39	14.9
8230	4.7	116.3	-39	16.7
8240	4.5	116.1	-39	23.4
8250	3.9	115.8	-38	23.4
8260	4.6	115.6	-38	23.4
8270	5.0	115.3	-38	31.1
8280	5.0	115.0	-38	33.8
8290	5.2	114.7	-37	37.0
8300	5.2	114.3	-37	40.1
8310	4.9	113.9	-36	42.5
8320	5.3	113.5	-36	46.0
8330	5.0	113.1	-36	44.7
8340	4.7	112.6	-35	42.3
8350	5.2	112.1	-35	54.5
8360	4.9	111.6	-34	52.1
8370	5.0	111.1	-34	49.2
8380	5.2	110.5	-33	62.8
8390	4.7	109.9	-32	66.0
8400	5.2	109.3	-32	68.6
8410	5.3	108.6	-31	71.3
8420	5.0	108.0	-31	74.2
8430	4.9	107.3	-30	77.2
8440	4.9	106.5	-29	80.1
8450	4.6	105.8	-28	82.5
8460	4.6	105.0	-28	77.2
8470	4.2	104.2	-27	79.8
8480	4.6	103.4	-26	82.2
8490	4.6	102.6	-25	84.3
8500	4.3	101.7	-24	86.5
8510	4.6	100.8	-23	88.9
8520	4.3	99.9	-22	91.3
8530	5.0	99.0	-22	93.4
8540	4.5	98.0	-21	96.1
8550	4.2	97.1	-20	98.2
8560	4.6	96.1	-19	100.3
8570	4.2	95.0	-18	102.7
8580	4.3	94.0	-17	104.6

8590	4.5	92.9	-15	107.0
8600	4.1	91.9	-14	109.1
8610	4.3	90.7	-13	111.0
8620	4.7	89.6	-12	112.8
8630	4.7	88.5	-11	115.0
8640	4.3	87.3	-10	117.6
8650	4.7	86.1	-9	119.8
8660	4.9	84.9	-7	121.9
8670	4.6	83.7	-6	124.3
8680	4.9	82.4	-5	126.4
8690	4.7	81.1	-4	128.5
8700	5.0	79.8	-2	130.7
8710	5.3	78.5	-1	133.1
8720	4.3	77.1	0	135.7
8730	4.9	75.8	2	137.6
8740	5.6	74.4	3	140.0
8750	4.3	73.0	4	142.6
8760	8.9	71.6	6	123.7
8770	19.9	70.3	7	134.1
8780	14.9	69.2	8	108.3
8790	11.4	68.3	9	95.0
8800	14.1	67.4	10	92.3
8810	12.2	66.6	11	74.5
8820	11.7	65.9	12	65.7
8830	12.1	65.4	12	58.0
8840	9.1	64.8	13	56.1
8850	7.9	64.4	13	40.4
8860	8.3	63.9	14	39.9
8870	8.0	63.6	14	38.6
8880	7.2	63.3	14	30.8
8890	7.3	63.0	14	27.4
8900	8.1	62.7	15	24.4
8910	7.7	62.5	15	21.2
8920	7.7	62.3	15	17.0
8930	7.5	62.1	15	16.7
8940	6.2	62.0	15	14.9
8950	5.7	61.8	16	13.0
8960	4.6	61.7	16	12.5
8970	3.4	61.6	16	10.1
8980	3.0	61.5	16	8.5
8990	2.2	61.5	16	6.6
9000	1.5	61.4	16	6.9
9010	0.9	61.3	16	6.3
9020	0.5	61.3	16	5.5
9030	0.1	61.2	16	5.0
9040	0.0	61.2	16	3.9
9050	0.0	61.1	16	2.9
9060	-0.7	61.1	16	3.1
9070	-1.1	61.1	16	2.6
9080	-8.0	61.1	16	1.3
9090	-7.1	61.1	16	-1.8
9100	-1.2	61.1	16	-5.8
9110	-4.7	61.2	16	-6.6
9120	-8.1	61.3	16	-9.5

9130	-3.5	61.4	16	-14.1
9140	-5.6	61.5	16	-16.5
9150	-8.3	61.7	16	-17.8
9160	-5.2	61.9	16	-19.7
9170	-5.2	62.1	15	-22.3
9180	-8.3	62.4	15	-30.6
9190	-6.9	62.7	15	-31.6
9200	-6.2	63.1	14	-32.2
9210	-9.1	63.5	14	-43.3
9220	-8.7	63.9	14	-44.1
9230	-7.5	64.4	13	-43.6
9240	-8.8	64.9	13	-57.7
9250	-8.7	65.4	12	-56.9
9260	-7.2	66.0	11	-61.7
9270	-8.7	66.7	11	-59.3
9280	-9.4	67.4	10	-77.2
9290	-8.4	68.1	9	-74.8
9300	-9.1	68.9	9	-71.3
9310	-9.4	69.8	8	-92.3
9320	-9.4	70.6	7	-97.7
9330	-8.9	71.6	6	-103.2
9340	-9.2	72.5	5	-108.0
9350	-8.8	73.6	4	-103.0
9360	-8.5	74.6	3	-108.0
9370	-8.7	75.7	2	-112.6
9380	-8.9	76.9	1	-117.1
9390	-9.1	78.1	-1	-122.1
9400	-8.7	79.4	-2	-126.7
9410	-9.1	80.7	-3	-131.5
9420	-8.5	82.0	-5	-136.0
9430	-8.4	83.4	-6	-140.5
9440	-8.4	84.8	-7	-144.8
9450	-7.6	86.3	-9	-148.8
9460	-7.5	87.8	-10	-152.5
9470	-7.6	89.4	-12	-156.5
9480	-6.2	91.0	-14	-160.2
9490	-7.1	92.6	-15	-163.1
9500	-6.5	94.3	-17	-166.3
9510	-7.6	96.0	-19	-169.8
9520	-7.5	97.7	-20	-173.0
9530	-5.3	99.4	-22	-176.7
9540	-6.5	101.2	-24	-179.4
9550	-6.5	103.0	-26	-182.0
9560	-5.7	104.9	-27	-185.0
9570	-7.6	106.7	-29	-199.9
9580	-25.9	108.3	-31	-155.2
9590	-23.5	109.7	-32	-144.8
9600	-11.1	110.8	-33	-111.5
9610	-13.3	111.8	-34	-103.2
9620	-16.4	112.6	-35	-71.6
9630	-10.8	113.3	-36	-67.6
9640	-6.1	113.9	-36	-51.1
9650	-7.2	114.4	-37	-52.7
9660	-5.6	114.8	-37	-36.7

9670	-2.6	115.2	-38	-37.2
9680	-0.9	115.5	-38	-28.7
9690	-0.8	115.8	-38	-22.0
9700	-0.3	116.0	-39	-21.0
9710	0.0	116.2	-39	-15.9
9720	0.0	116.3	-39	-15.1
9730	0.0	116.5	-39	-11.7
9740	0.0	116.6	-39	-11.7
9750	0.0	116.7	-39	-9.3
9760	0.3	116.8	-39	-6.9
9770	1.9	116.8	-39	-7.1
9780	10.2	116.9	-39	-4.5
9790	3.0	116.9	-39	0.7
9800	2.0	116.9	-39	0.5
9810	5.8	116.8	-39	3.1
9820	4.1	116.8	-39	5.3
9830	2.3	116.7	-39	7.7
9840	4.6	116.6	-39	9.5
9850	3.8	116.5	-39	11.9
9860	2.7	116.4	-39	14.6
9870	5.0	116.3	-39	16.5
9880	4.7	116.1	-39	17.0
9890	3.9	115.9	-38	17.8
9900	5.0	115.7	-38	19.9
9910	5.0	115.5	-38	27.1
9920	4.9	115.2	-38	27.4
9930	5.0	114.9	-37	26.8
9940	4.3	114.6	-37	35.9
9950	4.3	114.2	-37	35.1
9960	4.6	113.9	-36	41.2
9970	4.3	113.5	-36	39.6
9980	4.6	113.1	-36	37.5
9990	4.9	112.6	-35	40.1
10000	5.0	112.2	-35	42.5
10010	4.5	111.7	-34	54.3
10020	4.6	111.1	-34	56.7
10030	4.6	110.6	-33	58.5
10040	4.1	110.1	-33	62.0
10050	3.9	109.5	-32	64.4
10060	4.3	108.9	-31	66.5
10070	3.8	108.3	-31	68.9
10080	3.9	107.6	-30	71.0
10090	3.9	106.9	-29	73.4
10100	4.2	106.3	-29	75.3
10110	4.3	105.6	-28	77.4
10120	3.9	104.8	-27	72.6
10130	3.8	104.1	-27	75.0
10140	4.2	103.3	-26	76.9
10150	3.7	102.6	-25	78.8
10160	3.5	101.8	-24	80.9
10170	4.3	100.9	-23	82.5
10180	3.5	100.1	-23	84.6
10190	3.9	99.2	-22	86.5
10200	4.3	98.4	-21	88.3

10210	4.1	97.5	-20	90.5
10220	4.5	96.5	-19	92.6
10230	3.8	95.6	-18	94.7
10240	4.1	94.6	-17	96.9
10250	4.7	93.6	-16	98.7
10260	3.9	92.6	-15	100.8
10270	4.1	91.6	-14	103.0
10280	4.2	90.6	-13	104.8
10290	4.3	89.5	-12	106.7
10300	4.9	88.4	-11	108.8
10310	4.7	87.3	-10	111.0
10320	4.6	86.2	-9	113.4
10330	5.0	85.0	-8	115.8
10340	5.0	83.9	-6	118.2
10350	4.9	82.7	-5	120.5
10360	4.3	81.4	-4	122.7
10370	4.7	80.2	-3	124.5
10380	4.9	78.9	-1	126.9
10390	4.6	77.6	0	129.1
10400	4.7	76.3	1	131.5
10410	5.3	75.0	2	133.9
10420	4.6	73.6	4	136.3
10430	5.2	72.3	5	124.0
10440	16.7	71.0	6	137.6
10450	18.2	69.9	8	112.0
10460	12.2	68.9	9	99.0
10470	13.4	67.9	10	96.3
10480	14.1	67.2	10	78.2
10490	11.8	66.4	11	69.2
10500	12.6	65.8	12	55.1
10510	11.4	65.2	12	54.8
10520	9.2	64.7	13	48.4
10530	9.2	64.3	13	42.8
10540	9.4	63.9	14	34.3
10550	8.9	63.6	14	33.8
10560	8.8	63.2	14	32.4
10570	9.4	63.0	14	26.3
10580	9.6	62.7	15	26.0
10590	9.4	62.5	15	21.0
10600	9.2	62.3	15	20.4
10610	8.8	62.2	15	16.5
10620	8.0	62.0	15	14.9
10630	7.6	61.9	16	11.4
10640	6.6	61.8	16	11.4
10650	6.0	61.6	16	11.1
10660	6.0	61.6	16	9.0
10670	5.6	61.5	16	8.5
10680	5.2	61.4	16	6.9
10690	5.2	61.3	16	6.6
10700	5.0	61.3	16	5.5
10710	4.3	61.2	16	4.7
10720	3.8	61.2	16	4.5
10730	3.0	61.2	16	3.7
10740	2.0	61.1	16	2.6

10750	1.4	61.1	16	3.1
10760	0.8	61.1	16	2.3
10770	0.1	61.0	16	1.8
10780	0.0	61.0	16	1.8
10790	-0.3	61.0	16	1.5
10800	-0.7	61.0	16	1.8
10810	-0.8	61.0	16	1.3
10820	-0.9	61.0	16	0.5
10830	-3.9	61.0	16	0.0
10840	-6.5	61.0	16	-1.5
10850	-1.1	61.0	16	-5.3
10860	-3.5	61.1	16	-5.5
10870	-7.2	61.1	16	-8.2
10880	-3.9	61.2	16	-10.9
10890	-5.2	61.4	16	-11.9
10900	-7.6	61.5	16	-14.3
10910	-5.3	61.7	16	-19.7
10920	-5.8	61.9	16	-25.0
10930	-8.1	62.2	15	-25.5
10940	-7.1	62.5	15	-26.8
10950	-6.5	62.8	15	-37.2
10960	-8.9	63.1	14	-37.2
10970	-8.9	63.6	14	-38.0
10980	-8.1	64.0	13	-47.1
10990	-9.4	64.5	13	-56.4
11000	-9.2	65.1	12	-55.9
11010	-8.1	65.7	12	-54.8
11020	-9.1	66.3	11	-72.4
11030	-9.6	67.0	10	-70.0
11040	-8.9	67.7	10	-67.6
11050	-9.4	68.5	9	-71.8
11060	-9.9	69.4	8	-93.4
11070	-9.9	70.3	7	-97.7
11080	-10.6	71.2	6	-104.8
11090	-9.9	72.2	5	-110.7
11100	-9.5	73.3	4	-116.0
11110	-10.2	74.4	3	-110.7
11120	-9.1	75.5	2	-116.0
11130	-9.4	76.7	1	-121.1
11140	-9.6	77.9	0	-126.1
11150	-8.9	79.2	-2	-130.9
11160	-8.4	80.6	-3	-136.0
11170	-8.5	82.0	-5	-140.2
11180	-8.7	83.4	-6	-144.8
11190	-8.7	84.9	-7	-149.0
11200	-8.4	86.4	-9	-153.3
11210	-8.4	88.0	-11	-157.8
11220	-8.4	89.6	-12	-161.8
11230	-6.9	91.3	-14	-166.1
11240	-7.9	92.9	-15	-169.8
11250	-7.5	94.7	-17	-173.3
11260	-7.3	96.4	-19	-177.0
11270	-7.3	98.2	-21	-180.7
11280	-6.1	100.1	-23	-183.6

11290	-6.1	101.9	-24	-186.8
11300	-6.0	103.8	-26	-189.5
11310	-6.5	105.6	-28	-172.7
11320	-19.3	107.5	-30	-157.3
11330	-27.9	109.0	-32	-148.8
11340	-20.9	110.3	-33	-112.3
11350	-11.7	111.4	-34	-104.8
11360	-15.9	112.4	-35	-96.6
11370	-14.8	113.1	-36	-67.0
11380	-8.8	113.8	-36	-62.5
11390	-6.1	114.3	-37	-46.8
11400	-7.7	114.8	-37	-44.1
11410	-5.2	115.2	-38	-33.0
11420	-1.8	115.5	-38	-33.8
11430	-1.6	115.8	-38	-26.0
11440	-1.1	116.0	-39	-22.0
11450	-0.3	116.2	-39	-16.5
11460	-0.1	116.3	-39	-15.7
11470	0.0	116.5	-39	-11.9
11480	0.0	116.6	-39	-11.9
11490	0.0	116.7	-39	-9.5
11500	0.0	116.8	-39	-7.1
11510	0.4	116.8	-39	-6.1
11520	1.9	116.9	-39	-6.1
11530	11.3	116.9	-39	-3.4
11540	3.7	116.9	-39	1.5
11550	0.5	116.9	-39	2.9
11560	6.2	116.9	-39	3.1
11570	4.1	116.8	-39	5.3
11580	1.6	116.8	-39	7.1
11590	5.2	116.7	-39	8.7
11600	4.1	116.6	-39	11.9
11610	2.3	116.4	-39	13.0
11620	5.3	116.3	-39	14.1
11630	5.0	116.1	-39	16.5
11640	3.7	115.9	-38	22.8
11650	5.4	115.7	-38	23.4
11660	5.2	115.4	-38	23.4
11670	4.2	115.1	-38	31.6
11680	5.0	114.8	-37	30.8
11690	4.6	114.5	-37	33.5
11700	4.2	114.1	-37	32.4
11710	5.0	113.7	-36	42.0
11720	4.7	113.3	-36	44.7
11730	4.3	112.9	-35	43.3
11740	4.9	112.5	-35	41.2
11750	5.0	112.0	-35	43.6
11760	4.5	111.5	-34	56.1
11770	5.2	110.9	-33	58.5
11780	4.7	110.4	-33	55.6
11790	4.1	109.8	-32	52.4
11800	4.2	109.3	-32	54.3
11810	4.6	108.6	-31	56.1
11820	4.3	108.0	-31	71.0

11830	4.7	107.3	-30	73.4
11840	4.7	106.6	-29	76.4
11850	4.6	105.9	-28	78.8
11860	4.9	105.2	-28	81.1
11870	4.6	104.4	-27	76.4
11880	4.5	103.6	-26	78.8
11890	4.5	102.8	-25	81.1
11900	4.2	102.0	-25	83.3
11910	4.9	101.1	-24	85.7
11920	4.3	100.3	-23	87.8
11930	4.1	99.4	-22	90.2
11940	4.7	98.4	-21	92.3
11950	4.7	97.5	-20	95.0
11960	4.7	96.5	-19	97.1
11970	4.7	95.6	-18	99.3
11980	4.7	94.5	-17	101.6
11990	4.3	93.5	-16	104.0
12000	4.9	92.4	-15	106.4
12010	4.2	91.4	-14	108.6
12020	4.5	90.3	-13	110.7
12030	5.4	89.1	-12	112.6
12040	5.2	88.0	-11	115.2
12050	4.5	86.8	-9	117.9
12060	5.0	85.6	-8	120.0
12070	4.6	84.4	-7	122.7
12080	4.7	83.2	-6	124.8
12090	5.0	81.9	-4	126.9
12100	5.0	80.6	-3	129.6
12110	5.2	79.3	-2	132.3
12120	5.2	78.0	-1	134.1
12130	4.3	76.6	1	136.8
12140	5.3	75.2	2	138.7
12150	5.7	73.8	4	141.0
12160	4.7	72.4	5	129.1
12170	15.7	71.1	6	117.9
12180	19.5	69.9	8	116.6
12190	12.6	68.8	9	92.1
12200	13.4	67.9	10	90.2
12210	14.5	67.1	10	80.3
12220	12.1	66.3	11	63.3
12230	12.9	65.7	12	62.5
12240	11.7	65.1	12	55.3
12250	8.7	64.6	13	48.7
12260	8.7	64.2	13	38.6
12270	8.7	63.8	14	37.8
12280	7.7	63.4	14	33.2
12290	7.3	63.1	14	32.2
12300	7.2	62.9	15	25.8
12310	6.8	62.6	15	22.6
12320	6.4	62.4	15	20.4
12330	5.8	62.2	15	19.7
12340	4.7	62.1	15	15.9
12350	3.5	61.9	16	13.8
12360	2.4	61.8	16	13.3

12370	1.8	61.7	16	10.6
12380	0.8	61.6	16	10.3
12390	0.4	61.5	16	7.9
12400	0.0	61.4	16	7.9
12410	0.0	61.4	16	6.3
12420	-0.1	61.3	16	6.1
12430	-0.7	61.3	16	5.0
12440	-2.8	61.2	16	3.7
12450	-8.7	61.2	16	1.3
12460	-2.6	61.2	16	-1.8
12470	-3.1	61.2	16	-2.9
12480	-7.9	61.3	16	-5.0
12490	-4.5	61.4	16	-9.5
12500	-5.6	61.5	16	-12.5
12510	-7.5	61.6	16	-14.3
12520	-6.0	61.8	16	-16.2
12530	-6.1	62.0	15	-19.1
12540	-8.1	62.2	15	-26.8
12550	-7.1	62.5	15	-28.4
12560	-7.3	62.8	15	-29.2
12570	-9.2	63.2	14	-40.4
12580	-8.7	63.6	14	-45.7
12590	-8.8	64.0	13	-50.8
12600	-9.8	64.5	13	-50.8
12610	-9.8	65.0	12	-50.3
12620	-8.8	65.7	12	-67.3
12630	-10.0	66.3	11	-66.0
12640	-10.6	67.0	10	-64.1
12650	-10.0	67.7	10	-68.9
12660	-10.7	68.6	9	-74.0
12670	-11.3	69.5	8	-88.3
12680	-11.4	70.3	7	-93.4
12690	-11.8	71.3	6	-89.4
12700	-10.8	72.4	5	-95.0
12710	-10.4	73.5	4	-111.0
12720	-11.1	74.7	3	-117.1
12730	-10.4	75.9	2	-122.7
12740	-10.4	77.1	0	-128.5
12750	-10.8	78.5	-1	-133.9
12760	-10.4	79.9	-2	-139.7
12770	-9.8	81.3	-4	-145.0
12780	-10.0	82.8	-5	-150.4
12790	-10.0	84.3	-7	-155.4
12800	-9.2	85.9	-8	-161.0
12810	-9.9	87.6	-10	-165.8
12820	-9.9	89.3	-12	-170.9
12830	-8.0	91.0	-14	-175.9
12840	-8.9	92.8	-15	-179.9
12850	-8.5	94.6	-17	-183.6
12860	-8.5	96.5	-19	-188.4
12870	-8.4	98.4	-21	-192.4
12880	-7.6	100.4	-23	-196.2
12890	-7.5	102.4	-25	-200.1
12900	-7.9	104.4	-27	-203.9

12910	-8.4	106.5	-29	-205.5
12920	-30.6	108.2	-31	-176.7
12930	-33.9	109.8	-32	-147.7
12940	-20.6	111.0	-34	-109.6
12950	-18.4	112.1	-35	-100.8
12960	-23.6	113.0	-36	-83.8
12970	-18.2	113.7	-36	-76.6
12980	-11.9	114.3	-37	-57.7
12990	-12.7	114.8	-37	-51.9
13000	-11.7	115.2	-38	-39.6
13010	-7.5	115.6	-38	-35.9
13020	-4.3	115.9	-38	-26.6
13030	-4.3	116.1	-39	-24.4
13040	-3.4	116.3	-39	-18.3
13050	-1.8	116.5	-39	-16.7
13060	-2.0	116.6	-39	-12.5
13070	-1.5	116.7	-39	-11.7
13080	-0.4	116.8	-39	-8.7
13090	0.1	116.9	-39	-6.3
13100	0.0	116.9	-39	-6.3
13110	0.4	117.0	-40	-5.0
13120	0.9	117.0	-40	-3.7
13130	5.4	117.1	-40	-2.9
13140	8.4	117.1	-40	1.3
13150	1.6	117.0	-40	4.7
13160	1.9	117.0	-40	5.8
13170	6.6	116.9	-39	7.4
13180	3.3	116.8	-39	10.9
13190	3.0	116.7	-39	12.7
13200	6.2	116.6	-39	14.6
13210	4.1	116.4	-39	16.5
13220	4.1	116.2	-39	18.6
13230	6.1	116.0	-39	18.9
13240	4.9	115.8	-38	26.6
13250	4.9	115.5	-38	27.1
13260	6.4	115.2	-38	29.8
13270	5.4	114.9	-37	29.8
13280	4.7	114.6	-37	39.4
13290	5.7	114.2	-37	41.7
13300	5.3	113.8	-36	45.5
13310	5.0	113.4	-36	44.1
13320	5.4	112.9	-35	42.3
13330	5.3	112.4	-35	45.7
13340	5.3	111.9	-34	47.3
13350	5.7	111.3	-34	55.3
13360	5.6	110.7	-33	64.1
13370	5.6	110.1	-33	67.3
13380	5.2	109.5	-32	64.1
13390	5.2	108.9	-31	59.9
13400	4.7	108.2	-31	62.2
13410	5.0	107.5	-30	64.4
13420	5.0	106.7	-29	66.8
13430	4.6	106.0	-29	68.9
13440	4.6	105.1	-28	78.8

13450	4.7	104.3	-27	81.4
13460	4.7	103.5	-26	83.8
13470	4.5	102.7	-25	86.2
13480	3.9	101.8	-24	88.3
13490	4.2	100.9	-23	90.7
13500	4.2	100.0	-23	92.6
13510	4.3	99.0	-22	94.5
13520	4.3	98.0	-21	97.1
13530	4.5	97.1	-20	98.7
13540	4.2	96.1	-19	101.1
13550	4.2	95.0	-18	103.5
13560	4.7	94.0	-17	105.4
13570	4.3	92.9	-15	107.5
13580	4.1	91.8	-14	109.6
13590	4.2	90.7	-13	111.8
13600	4.3	89.6	-12	113.6
13610	4.7	88.4	-11	115.5
13620	4.1	87.2	-10	117.9
13630	3.8	86.0	-9	119.8
13640	4.7	84.8	-7	121.6
13650	4.6	83.6	-6	123.7
13660	4.5	82.3	-5	125.9
13670	4.6	81.1	-4	128.0
13680	4.6	79.8	-2	130.1
13690	4.6	78.5	-1	132.5
13700	3.9	77.1	0	134.4
13710	4.2	75.8	2	136.3
13720	5.0	74.4	3	138.4
13730	3.9	73.0	4	140.5
13740	7.7	71.7	6	122.1
13750	18.0	70.4	7	133.1
13760	13.8	69.3	8	107.2
13770	10.7	68.3	9	94.2
13780	13.0	67.5	10	83.8
13790	11.1	66.7	11	74.5
13800	10.2	66.0	11	65.4
13810	10.7	65.4	12	58.0
13820	7.9	64.9	13	51.6
13830	6.2	64.4	13	49.7
13840	6.1	64.0	13	40.1
13850	5.6	63.6	14	39.1
13860	4.6	63.3	14	31.4
13870	4.3	63.0	14	27.6
13880	4.3	62.8	15	26.8
13890	3.7	62.6	15	21.8
13900	3.0	62.4	15	19.4
13910	2.3	62.2	15	15.4
13920	0.8	62.0	15	15.1
13930	0.0	61.9	16	13.0
13940	0.0	61.8	16	10.6
13950	-0.1	61.7	16	10.3
13960	-0.8	61.6	16	8.2
13970	-9.4	61.5	16	7.7
13980	-6.9	61.4	16	2.3

13990	0.0	61.5	16	-0.7
14000	-7.1	61.5	16	-0.2
14010	-6.8	61.5	16	-4.7
14020	-3.1	61.6	16	-7.4
14030	-7.3	61.6	16	-8.7
14040	-7.5	61.8	16	-11.9
14050	-4.6	61.9	16	-15.7
14060	-7.9	62.1	15	-17.8
14070	-8.5	62.4	15	-26.6
14080	-6.0	62.6	15	-28.4
14090	-7.9	62.9	15	-32.2
14100	-9.4	63.3	14	-33.2
14110	-7.6	63.7	14	-37.2
14120	-8.8	64.2	13	-50.3
14130	-10.2	64.6	13	-49.7
14140	-8.8	65.2	12	-49.5
14150	-8.7	65.7	12	-54.0
14160	-10.0	66.4	11	-71.6
14170	-9.5	67.1	10	-69.7
14180	-9.4	67.8	10	-67.0
14190	-10.3	68.6	9	-80.1
14200	-9.9	69.5	8	-93.7
14210	-10.0	70.4	7	-99.3
14220	-10.6	71.3	6	-104.6
14230	-9.4	72.3	5	-111.2
14240	-9.1	73.4	4	-116.3
14250	-9.8	74.4	3	-111.0
14260	-8.4	75.6	2	-115.8
14270	-8.3	76.8	1	-120.3
14280	-8.8	78.0	-1	-124.8
14290	-8.0	79.3	-2	-129.1
14300	-7.5	80.6	-3	-133.9
14310	-7.6	82.0	-5	-137.3
14320	-7.9	83.4	-6	-141.6
14330	-7.6	84.9	-7	-145.0
14340	-7.3	86.3	-9	-149.0
14350	-7.7	87.9	-10	-152.8
14360	-7.9	89.4	-12	-156.5
14370	-6.4	91.0	-14	-160.5
14380	-7.3	92.6	-15	-163.1
14390	-6.6	94.3	-17	-167.1
14400	-7.2	96.0	-19	-170.3
14410	-7.6	97.7	-20	-173.3
14420	-5.8	99.5	-22	-177.0
14430	-6.8	101.3	-24	-179.9
14440	-7.1	103.1	-26	-182.6
14450	-7.1	104.9	-27	-185.8
14460	-10.4	106.8	-29	-200.9
14470	-28.6	108.3	-31	-156.2
14480	-27.1	109.7	-32	-121.3
14490	-14.2	110.9	-33	-122.4
14500	-17.2	111.9	-34	-94.2
14510	-19.9	112.7	-35	-80.1
14520	-14.4	113.4	-36	-74.0

14530	-10.2	114.0	-37	-56.9
14540	-11.9	114.5	-37	-48.1
14550	-10.0	114.9	-37	-36.7
14560	-6.8	115.3	-38	-37.8
14570	-5.2	115.6	-38	-29.0
14580	-5.2	115.9	-38	-26.8
14590	-4.5	116.1	-39	-20.7
14600	-3.3	116.3	-39	-19.1
14610	-3.3	116.4	-39	-14.9
14620	-2.8	116.5	-39	-12.5
14630	-1.2	116.6	-39	-11.4
14640	-0.5	116.7	-39	-8.7
14650	0.0	116.8	-39	-7.7
14660	0.1	116.9	-39	-5.5
14670	0.3	116.9	-39	-4.7
14680	0.8	117.0	-40	-4.5
14690	2.0	117.0	-40	-3.4
14700	10.3	117.0	-40	-0.7
14710	2.2	117.0	-40	2.3
14720	0.0	117.0	-40	3.4
14730	6.0	117.0	-40	3.7
14740	2.8	116.9	-39	5.8
14750	1.2	116.8	-39	8.2
14760	5.4	116.8	-39	9.0
14770	3.5	116.7	-39	11.7
14780	1.8	116.5	-39	14.3
14790	5.0	116.4	-39	15.9
14800	4.9	116.2	-39	16.5
14810	3.3	116.0	-39	17.5
14820	4.9	115.8	-38	18.9
14830	4.9	115.6	-38	21.5
14840	3.9	115.3	-38	29.2
14850	5.3	115.1	-38	31.1
14860	5.0	114.7	-37	34.6
14870	4.3	114.4	-37	34.0
14880	5.2	114.1	-37	33.0
14890	5.6	113.7	-36	39.1
14900	4.5	113.2	-36	46.3
14910	5.0	112.8	-35	44.7
14920	5.4	112.4	-35	42.5
14930	5.2	111.9	-34	45.2
14940	5.3	111.3	-34	58.3
14950	5.3	110.8	-33	55.6
14960	4.9	110.2	-33	52.4
14970	4.6	109.6	-32	60.9
14980	5.2	109.0	-32	69.7
14990	4.6	108.3	-31	72.4
15000	5.0	107.6	-30	75.0
15010	5.0	106.9	-29	78.0
15020	4.9	106.2	-29	80.6
15030	4.9	105.5	-28	83.3
15040	4.5	104.7	-27	78.5
15050	4.5	103.9	-26	80.6
15060	5.0	103.0	-26	83.0

15070	4.6	102.2	-25	85.4
15080	4.7	101.3	-24	87.8
15090	4.5	100.4	-23	90.5
15100	4.3	99.5	-22	92.9
15110	4.6	98.6	-21	94.7
15120	4.3	97.6	-20	96.9
15130	4.2	96.6	-19	99.3
15140	4.1	95.6	-18	101.4
15150	4.5	94.6	-17	103.2
15160	4.6	93.5	-16	105.6
15170	4.6	92.4	-15	107.8
15180	3.7	91.3	-14	109.9
15190	3.9	90.2	-13	111.8
15200	4.9	89.1	-12	113.6
15210	4.6	88.0	-11	115.8
15220	4.1	86.8	-9	117.9
15230	4.3	85.6	-8	120.3
15240	4.3	84.4	-7	122.1
15250	4.3	83.1	-6	124.3
15260	4.6	81.9	-4	126.1
15270	5.2	80.6	-3	128.5
15280	5.3	79.3	-2	130.9
15290	5.2	78.0	-1	133.3
15300	4.6	76.6	1	135.7
15310	5.7	75.2	2	137.9
15320	6.0	73.8	4	140.8
15330	5.2	72.5	5	128.8
15340	15.7	71.1	6	117.9
15350	20.2	69.9	8	116.8
15360	13.6	68.8	9	92.6
15370	14.2	67.9	10	90.7
15380	16.0	67.0	10	88.6
15390	13.2	66.3	11	63.8
15400	13.4	65.7	12	62.5
15410	12.7	65.1	12	55.6
15420	9.6	64.6	13	53.7
15430	9.2	64.2	13	43.1
15440	9.4	63.8	14	37.8
15450	8.4	63.4	14	30.0
15460	8.3	63.1	14	29.5
15470	8.5	62.9	15	28.7
15480	8.3	62.6	15	22.8
15490	7.6	62.4	15	20.4
15500	7.1	62.2	15	16.2
15510	6.0	62.1	15	15.9
15520	4.6	61.9	16	15.1
15530	3.3	61.8	16	10.9
15540	2.2	61.7	16	10.6
15550	0.9	61.6	16	10.3
15560	0.0	61.5	16	8.2
15570	0.0	61.4	16	7.9
15580	-0.1	61.4	16	6.3
15590	-0.9	61.3	16	5.3
15600	-8.8	61.2	16	4.5

15610	-6.4	61.2	16	-1.0
15620	-1.8	61.3	16	-3.1
15630	-6.5	61.3	16	-4.2
15640	-7.9	61.4	16	-8.2
15650	-4.2	61.5	16	-12.5
15660	-7.2	61.6	16	-15.9
15670	-8.0	61.8	16	-19.7
15680	-4.7	62.0	15	-24.2
15690	-7.1	62.2	15	-24.4
15700	-8.1	62.5	15	-25.5
15710	-6.0	62.8	15	-32.7
15720	-7.9	63.2	14	-39.9
15730	-9.4	63.5	14	-40.1
15740	-8.3	64.0	13	-40.7
15750	-8.9	64.5	13	-54.5
15760	-10.4	65.0	12	-54.0
15770	-9.1	65.6	12	-53.5
15780	-8.9	66.2	11	-59.3
15790	-9.9	66.9	11	-62.5
15800	-9.2	67.6	10	-67.0
15810	-9.4	68.4	9	-71.6
15820	-10.3	69.2	8	-77.4
15830	-10.2	70.1	7	-80.6
15840	-10.8	71.1	6	-85.7
15850	-11.4	72.1	5	-91.0
15860	-11.0	73.2	4	-106.7
15870	-11.4	74.3	3	-113.1
15880	-10.6	75.5	2	-119.2
15890	-10.8	76.7	1	-124.8
15900	-10.7	78.0	-1	-130.7
15910	-10.4	79.3	-2	-136.3
15920	-9.8	80.7	-3	-141.8
15930	-9.6	82.2	-5	-147.2
15940	-10.4	83.7	-6	-152.0
15950	-10.0	85.3	-8	-157.6
15960	-10.7	86.9	-9	-162.6
15970	-9.6	88.5	-11	-167.9
15980	-9.5	90.3	-13	-173.0
15990	-8.3	92.0	-15	-177.5
16000	-7.7	93.8	-16	-182.0
16010	-9.1	95.7	-18	-185.8
16020	-8.1	97.6	-20	-189.8
16030	-6.1	99.5	-22	-194.0
16040	-7.7	101.5	-24	-197.2
16050	-7.9	103.5	-26	-200.1
16060	-7.6	105.5	-28	-203.6
16070	-18.8	107.4	-30	-170.6
16080	-32.5	109.0	-32	-160.0
16090	-26.2	110.5	-33	-146.1
16100	-14.5	111.6	-34	-110.2
16110	-19.5	112.5	-35	-91.5
16120	-19.9	113.4	-36	-83.8
16130	-12.6	114.0	-37	-63.3
16140	-10.0	114.6	-37	-52.4

16150	-12.6	115.0	-38	-39.1
16160	-9.5	115.4	-38	-39.4
16170	-6.2	115.7	-38	-30.0
16180	-6.0	116.0	-39	-22.3
16190	-5.8	116.2	-39	-20.7
16200	-4.6	116.4	-39	-15.7
16210	-4.3	116.5	-39	-15.7
16220	-4.3	116.7	-39	-11.9
16230	-3.8	116.8	-39	-11.1
16240	-2.8	116.9	-39	-8.2
16250	-2.4	116.9	-39	-5.8
16260	-1.1	117.0	-40	-6.1
16270	0.1	117.0	-40	-4.7
16280	0.1	117.1	-40	-3.4
16290	0.4	117.1	-40	-3.4
16300	0.7	117.1	-40	-2.9
16310	0.8	117.2	-40	-2.6
16320	2.8	117.2	-40	-1.5
16330	5.3	117.2	-40	0.5
16340	0.8	117.2	-40	2.3
16350	0.7	117.1	-40	2.1
16360	4.3	117.1	-40	2.6
16370	2.7	117.1	-40	5.5
16380	2.7	117.0	-40	7.1
16390	4.5	116.9	-39	9.0
16400	3.4	116.8	-39	11.7
16410	3.3	116.7	-39	13.5
16420	4.3	116.6	-39	15.4
16430	3.8	116.4	-39	18.1
16440	3.9	116.2	-39	18.3
16450	4.9	116.0	-39	18.6
16460	4.5	115.8	-38	21.2
16470	4.5	115.6	-38	23.4
16480	5.3	115.3	-38	25.5
16490	5.2	115.0	-38	27.6
16500	5.0	114.6	-37	37.2
16510	5.3	114.3	-37	36.4
16520	5.0	113.9	-36	39.4
16530	5.2	113.5	-36	37.8
16540	5.0	113.0	-36	48.9
16550	4.7	112.6	-35	47.1
16560	4.9	112.1	-35	44.7
16570	4.6	111.6	-34	46.8
16580	4.6	111.0	-34	49.7
16590	4.7	110.5	-33	51.1
16600	4.5	109.9	-32	54.0
16610	4.6	109.3	-32	55.6
16620	4.9	108.6	-31	57.5
16630	4.5	108.0	-31	59.6
16640	4.5	107.3	-30	62.8
16650	4.3	106.6	-29	63.8
16660	4.2	105.9	-28	65.7
16670	4.1	105.1	-28	75.3
16680	3.8	104.3	-27	77.4

16690	4.2	103.5	-26	79.3
16700	4.2	102.7	-25	81.4
16710	3.7	101.9	-24	83.5
16720	4.2	101.1	-24	85.4
16730	3.7	100.2	-23	87.3
16740	3.4	99.3	-22	89.1
16750	3.8	98.4	-21	91.0
16760	3.7	97.5	-20	92.6
16770	3.4	96.5	-19	94.5
16780	3.1	95.6	-18	96.1
16790	3.7	94.6	-17	97.7
16800	3.8	93.6	-16	99.3
16810	3.7	92.6	-15	100.8
16820	3.8	91.6	-14	102.7
16830	3.4	90.5	-13	104.3
16840	3.8	89.5	-12	105.9
16850	4.2	88.4	-11	107.8
16860	3.5	87.3	-10	109.6
16870	3.8	86.2	-9	111.2
16880	4.3	85.1	-8	113.1
16890	3.9	83.9	-6	115.0
16900	4.2	82.8	-5	117.1
16910	4.3	81.6	-4	119.0
16920	4.6	80.4	-3	120.8
16930	4.7	79.2	-2	122.9
16940	4.5	77.9	0	125.3
16950	4.2	76.6	1	127.7
16960	4.7	75.4	2	129.3
16970	4.9	74.0	3	131.7
16980	4.3	72.7	5	133.9
16990	11.4	71.5	6	126.9
17000	17.9	70.3	7	102.2
17010	12.6	69.3	8	101.1
17020	11.5	68.3	9	98.2
17030	14.1	67.5	10	80.3
17040	11.5	66.8	11	71.6
17050	11.1	66.1	11	69.7
17060	11.5	65.5	12	56.7
17070	8.8	65.0	12	50.5
17080	7.3	64.6	13	44.9
17090	7.6	64.1	13	43.6
17100	7.1	63.8	14	35.4
17110	6.4	63.5	14	31.4
17120	6.6	63.2	14	30.6
17130	6.5	62.9	15	24.7
17140	6.2	62.7	15	22.3
17150	6.1	62.5	15	17.5
17160	5.4	62.3	15	17.8
17170	4.1	62.1	15	17.3
17180	2.8	62.0	15	14.1
17190	1.9	61.9	16	12.2
17200	0.5	61.7	16	11.9
17210	0.0	61.6	16	9.5
17220	0.0	61.6	16	9.3

17230	0.0	61.5	16	7.4
17240	-0.7	61.4	16	7.4
17250	-5.3	61.4	16	5.8
17260	-10.8	61.3	16	1.3
17270	-3.4	61.3	16	-2.1
17280	-4.2	61.4	16	-3.7
17290	-10.7	61.4	16	-6.3
17300	-6.0	61.5	16	-10.9
17310	-6.8	61.7	16	-13.8
17320	-10.3	61.9	16	-21.2
17330	-7.2	62.1	15	-24.2
17340	-7.3	62.4	15	-25.5
17350	-9.9	62.7	15	-35.4
17360	-7.9	63.1	14	-41.2
17370	-7.6	63.5	14	-42.0
17380	-10.4	63.9	14	-41.7
17390	-10.3	64.4	13	-56.7
17400	-9.4	65.0	12	-62.8
17410	-10.6	65.6	12	-62.0
17420	-11.1	66.3	11	-74.8
17430	-10.0	67.0	10	-73.4
17440	-10.6	67.7	10	-79.0
17450	-11.3	68.6	9	-76.1
17460	-10.3	69.5	8	-81.7
17470	-11.1	70.4	7	-86.2
17480	-11.8	71.4	6	-91.3
17490	-10.6	72.5	5	-96.9
17500	-10.6	73.6	4	-112.8
17510	-11.5	74.8	3	-119.5
17520	-10.6	76.0	1	-125.1
17530	-10.6	77.3	0	-131.2
17540	-11.3	78.7	-1	-136.5
17550	-10.0	80.1	-3	-142.6
17560	-9.1	81.6	-4	-147.7
17570	-9.4	83.1	-6	-152.8
17580	-9.4	84.6	-7	-157.3
17590	-8.4	86.3	-9	-162.1
17600	-9.2	87.9	-10	-166.6
17610	-9.8	89.6	-12	-171.4
17620	-7.5	91.4	-14	-175.9
17630	-8.4	93.2	-16	-179.9
17640	-9.4	95.0	-18	-183.6
17650	-7.7	96.9	-19	-188.4
17660	-7.3	98.8	-21	-192.2
17670	-7.9	100.7	-23	-195.6
17680	-8.3	102.7	-25	-199.1
17690	-7.7	104.7	-27	-203.1
17700	-10.8	106.7	-29	-222.0
17710	-33.0	108.4	-31	-171.1
17720	-33.1	110.0	-33	-154.6
17730	-17.8	111.2	-34	-118.4
17740	-20.9	112.3	-35	-107.0
17750	-25.5	113.1	-36	-81.7
17760	-19.3	113.8	-36	-68.1

17770	-13.4	114.4	-37	-51.1
17780	-15.9	114.9	-37	-46.5
17790	-14.8	115.3	-38	-34.8
17800	-10.7	115.6	-38	-35.1
17810	-9.4	115.9	-38	-26.3
17820	-9.9	116.1	-39	-24.2
17830	-8.5	116.3	-39	-18.3
17840	-6.8	116.5	-39	-16.7
17850	-7.1	116.6	-39	-12.7
17860	-6.4	116.7	-39	-11.7
17870	-4.9	116.8	-39	-8.7
17880	-3.8	116.9	-39	-6.3
17890	-2.8	116.9	-39	-6.1
17900	-1.5	117.0	-40	-4.5
17910	-0.1	117.0	-40	-3.7
17920	0.0	117.1	-40	-2.9
17930	0.0	117.1	-40	-2.3
17940	0.4	117.1	-40	-2.1
17950	0.5	117.1	-40	-1.5
17960	0.7	117.2	-40	-1.5
17970	0.9	117.2	-40	-1.0
17980	3.7	117.2	-40	-0.2
17990	5.0	117.2	-40	0.7
18000	0.8	117.1	-40	3.7
18010	2.3	117.1	-40	3.9
18020	5.0	117.0	-40	5.0
18030	3.1	117.0	-40	6.9
18040	3.1	116.9	-39	8.7
18050	4.9	116.8	-39	10.1
18060	3.5	116.7	-39	12.2
18070	3.1	116.5	-39	17.0
18080	4.7	116.3	-39	19.1
18090	4.1	116.1	-39	19.4
18100	3.5	115.9	-38	19.4
18110	5.3	115.7	-38	21.2
18120	4.7	115.4	-38	29.2
18130	4.3	115.2	-38	29.2
18140	5.3	114.8	-37	28.4
18150	4.7	114.5	-37	30.8
18160	4.5	114.1	-37	40.4
18170	5.2	113.8	-36	39.4
18180	4.7	113.3	-36	41.7
18190	4.1	112.9	-35	40.1
18200	4.7	112.4	-35	51.3
18210	5.0	111.9	-34	54.3
18220	4.2	111.4	-34	51.6
18230	4.5	110.9	-33	48.4
18240	4.3	110.3	-33	61.7
18250	4.1	109.7	-32	64.4
18260	4.3	109.2	-32	65.7
18270	4.2	108.5	-31	68.9
18280	3.7	107.9	-30	71.3
18290	4.1	107.2	-30	73.4
18300	3.8	106.5	-29	75.8

18310	3.8	105.8	-28	77.7
18320	3.9	105.1	-28	72.4
18330	3.4	104.4	-27	74.5
18340	3.8	103.6	-26	76.4
18350	4.2	102.8	-25	78.0
18360	3.5	102.0	-25	80.1
18370	3.8	101.2	-24	82.2
18380	3.8	100.4	-23	84.1
18390	3.8	99.5	-22	85.7
18400	4.3	98.7	-21	87.8
18410	4.2	97.8	-20	89.9
18420	3.8	96.8	-19	92.1
18430	3.9	95.9	-18	93.9
18440	4.3	95.0	-18	96.1
18450	4.2	94.0	-17	97.9
18460	4.2	93.0	-16	100.0
18470	4.1	92.0	-15	102.2
18480	3.7	90.9	-13	104.0
18490	3.9	89.9	-12	105.9
18500	4.6	88.8	-11	107.5
18510	4.2	87.7	-10	109.9
18520	3.8	86.6	-9	112.0
18530	4.3	85.5	-8	113.9
18540	4.7	84.3	-7	116.0
18550	4.7	83.1	-6	118.2
18560	4.7	81.9	-4	120.5
18570	4.9	80.7	-3	122.7
18580	5.4	79.5	-2	125.1
18590	5.4	78.2	-1	127.7
18600	4.9	76.9	1	130.4
18610	5.3	75.6	2	132.5
18620	5.6	74.2	3	134.9
18630	4.5	72.9	5	137.6
18640	10.0	71.6	6	118.4
18650	19.4	70.3	7	129.3
18660	14.6	69.3	8	104.6
18670	12.5	68.3	9	92.3
18680	14.5	67.5	10	74.0
18690	12.6	66.7	11	72.9
18700	13.0	66.1	11	64.4
18710	13.3	65.5	12	51.3
18720	10.3	64.9	13	50.8
18730	9.2	64.5	13	44.9
18740	9.1	64.1	13	39.9
18750	8.4	63.7	14	31.6
18760	8.1	63.4	14	31.1
18770	8.7	63.1	14	30.3
18780	8.4	62.8	15	24.4
18790	8.0	62.6	15	21.8
18800	7.9	62.4	15	17.5
18810	7.1	62.2	15	17.0
18820	5.8	62.1	15	16.7
18830	4.7	61.9	16	13.5
18840	4.1	61.8	16	11.7

18850	3.1	61.7	16	9.5
18860	2.2	61.6	16	9.3
18870	1.5	61.5	16	7.1
18880	0.0	61.5	16	7.1
18890	0.0	61.4	16	6.6
18900	-0.1	61.3	16	5.5
18910	-0.8	61.3	16	5.5
18920	-3.9	61.2	16	4.2
18930	-10.6	61.2	16	0.2
18940	-2.8	61.3	16	-2.9
18950	-3.4	61.3	16	-4.2
18960	-8.9	61.4	16	-6.3
18970	-5.3	61.5	16	-10.1
18980	-5.8	61.6	16	-12.7
18990	-8.9	61.8	16	-18.9
19000	-5.6	62.0	15	-23.9
19010	-6.5	62.2	15	-24.7
19020	-9.2	62.5	15	-25.8
19030	-7.2	62.8	15	-36.7
19040	-7.7	63.2	14	-37.2
19050	-10.4	63.6	14	-37.5
19060	-9.5	64.0	13	-51.9
19070	-9.2	64.5	13	-51.9
19080	-10.8	65.1	12	-51.3
19090	-9.6	65.7	12	-69.2
19100	-9.5	66.4	11	-68.4
19110	-10.8	67.1	10	-65.7
19120	-10.6	67.9	10	-72.1
19130	-10.3	68.7	9	-75.8
19140	-11.3	69.6	8	-98.7
19150	-11.9	70.5	7	-95.3
19160	-11.5	71.5	6	-91.3
19170	-11.5	72.6	5	-96.9
19180	-11.7	73.7	4	-113.4
19190	-11.1	74.9	3	-120.3
19200	-11.3	76.2	1	-126.1
19210	-11.3	77.5	0	-132.3
19220	-11.3	78.9	-1	-138.1
19230	-10.8	80.3	-3	-144.5
19240	-10.4	81.8	-4	-149.8
19250	-11.0	83.3	-6	-155.7
19260	-11.1	84.9	-7	-161.0
19270	-11.3	86.6	-9	-166.9
19280	-10.8	88.3	-11	-172.7
19290	-11.0	90.1	-13	-178.6
19300	-9.5	91.9	-14	-183.9
19310	-9.4	93.8	-16	-189.2
19320	-11.0	95.7	-18	-193.8
19330	-9.8	97.7	-20	-199.1
19340	-8.0	99.7	-22	-203.9
19350	-9.5	101.8	-24	-208.1
19360	-9.5	103.9	-26	-212.4
19370	-9.4	106.0	-29	-216.7
19380	-29.7	107.9	-30	-192.4

19390	-38.6	109.7	-32	-174.9
19400	-27.0	111.0	-34	-131.5
19410	-20.5	112.2	-35	-116.8
19420	-25.6	113.0	-36	-88.3
19430	-22.9	113.8	-36	-72.9
19440	-15.5	114.5	-37	-64.9
19450	-15.1	115.0	-38	-48.4
19460	-15.3	115.4	-38	-40.1
19470	-11.8	115.7	-38	-29.5
19480	-9.4	116.0	-39	-29.2
19490	-9.5	116.2	-39	-22.0
19500	-7.9	116.4	-39	-19.9
19510	-6.1	116.6	-39	-14.6
19520	-5.6	116.7	-39	-11.1
19530	-5.4	116.8	-39	-10.9
19540	-4.9	116.9	-39	-8.2
19550	-3.8	117.0	-40	-5.8
19560	-2.8	117.0	-40	-5.3
19570	-1.5	117.1	-40	-4.5
19580	0.0	117.1	-40	-3.1
19590	0.1	117.1	-40	-2.9
19600	0.4	117.2	-40	-2.3
19610	0.7	117.2	-40	-1.8
19620	0.7	117.2	-40	-1.3
19630	1.5	117.2	-40	-1.0
19640	6.2	117.2	-40	0.5
19650	2.0	117.2	-40	2.3
19660	0.1	117.2	-40	3.1
19670	5.0	117.1	-40	3.4
19680	3.7	117.1	-40	6.1
19690	2.2	117.0	-40	8.5
19700	4.6	116.9	-39	10.1
19710	4.3	116.8	-39	11.4
19720	3.3	116.7	-39	14.9
19730	4.9	116.5	-39	17.3
19740	4.7	116.4	-39	19.9
19750	3.9	116.2	-39	22.3
19760	5.0	115.9	-38	25.2
19770	5.3	115.7	-38	28.2
19780	4.6	115.4	-38	28.4
19790	5.2	115.1	-38	27.9
19800	5.4	114.8	-37	30.6
19810	4.6	114.4	-37	40.1
19820	5.0	114.0	-37	39.1
19830	5.2	113.6	-36	45.7
19840	4.3	113.2	-36	44.4
19850	4.3	112.7	-35	42.3
19860	4.9	112.2	-35	54.3
19870	4.6	111.7	-34	51.6
19880	4.3	111.2	-34	48.7
19890	4.6	110.6	-33	62.0
19900	4.2	110.0	-33	64.1
19910	4.5	109.4	-32	67.0
19920	4.9	108.8	-31	69.2

19930	4.5	108.2	-31	71.8
19940	4.9	107.5	-30	74.5
19950	4.9	106.8	-29	77.4
19960	4.6	106.1	-29	79.8
19970	4.6	105.3	-28	82.2
19980	4.7	104.6	-27	77.4
19990	4.6	103.8	-26	79.8
20000	5.0	102.9	-25	82.5
20010	4.7	102.1	-25	84.9
20020	5.0	101.2	-24	87.5
20030	4.9	100.3	-23	89.9
20040	5.0	99.4	-22	92.3
20050	5.3	98.5	-21	95.0
20060	5.2	97.5	-20	97.7
20070	5.0	96.5	-19	100.3
20080	4.9	95.5	-18	103.0
20090	5.4	94.4	-17	105.6
20100	5.3	93.4	-16	108.3
20110	5.2	92.3	-15	110.7
20120	5.6	91.1	-14	113.4
20130	5.4	90.0	-13	116.3
20140	6.0	88.8	-11	118.7
20150	5.7	87.6	-10	121.6
20160	5.0	86.3	-9	124.3
20170	5.8	85.1	-8	126.9
20180	5.8	83.8	-6	129.6
20190	6.0	82.5	-5	132.5
20200	5.8	81.1	-4	135.5
20210	6.2	79.7	-2	138.4
20220	6.4	78.3	-1	141.3
20230	5.6	76.9	1	144.5
20240	6.8	75.4	2	147.2
20250	6.8	73.9	4	150.6
20260	5.7	72.5	5	138.1
20270	17.9	71.0	6	126.4
20280	22.9	69.7	8	136.3
20290	15.9	68.6	9	108.3
20300	15.1	67.6	10	94.2
20310	17.1	66.7	11	91.0
20320	14.2	66.0	11	64.9
20330	14.6	65.4	12	63.0
20340	14.4	64.8	13	55.3
20350	11.0	64.3	13	48.4
20360	10.2	63.9	14	46.0
20370	10.3	63.5	14	36.7
20380	8.9	63.2	14	31.9
20390	8.1	62.9	15	25.0
20400	8.5	62.6	15	24.4
20410	8.1	62.4	15	23.6
20420	7.6	62.2	15	18.9
20430	7.5	62.0	15	16.5
20440	6.8	61.9	16	12.7
20450	5.4	61.8	16	12.5
20460	4.3	61.6	16	11.9

20470	3.5	61.5	16	9.3
20480	2.0	61.5	16	8.2
20490	1.1	61.4	16	6.1
20500	0.5	61.3	16	6.1
20510	0.0	61.3	16	5.8
20520	0.0	61.2	16	4.7
20530	0.0	61.2	16	3.7
20540	-0.4	61.1	16	3.1
20550	-0.8	61.1	16	2.6
20560	-3.8	61.1	16	2.3
20570	-8.4	61.1	16	-0.7
20580	-1.8	61.1	16	-4.2
20590	-3.1	61.2	16	-4.5
20600	-8.1	61.2	16	-6.1
20610	-4.1	61.3	16	-9.3
20620	-4.1	61.4	16	-13.0
20630	-8.0	61.6	16	-13.8
20640	-4.9	61.8	16	-20.7
20650	-4.9	62.0	15	-24.2
20660	-8.4	62.2	15	-24.2
20670	-6.9	62.5	15	-25.8
20680	-6.6	62.8	15	-35.6
20690	-9.9	63.1	14	-36.2
20700	-9.6	63.5	14	-37.2
20710	-8.4	64.0	13	-46.5
20720	-10.8	64.5	13	-56.1
20730	-10.8	65.1	12	-56.7
20740	-8.9	65.7	12	-56.4
20750	-10.8	66.4	11	-74.2
20760	-11.9	67.0	10	-72.9
20770	-11.0	67.8	10	-71.0
20780	-11.4	68.6	9	-76.6
20790	-12.5	69.5	8	-82.2
20800	-11.9	70.5	7	-107.0
20810	-11.8	71.6	6	-113.9
20820	-12.1	72.7	5	-121.1
20830	-11.9	73.8	4	-116.3
20840	-11.9	75.0	2	-123.2
20850	-12.3	76.3	1	-129.3
20860	-12.1	77.6	0	-136.5
20870	-12.1	79.1	-2	-142.6
20880	-11.4	80.5	-3	-149.3
20890	-11.0	82.1	-5	-155.4
20900	-10.6	83.7	-6	-161.3
20910	-10.3	85.3	-8	-166.6
20920	-10.6	87.0	-10	-171.7
20930	-9.1	88.8	-11	-177.0
20940	-8.1	90.6	-13	-181.8
20950	-7.7	92.4	-15	-185.5
20960	-6.8	94.3	-17	-189.0
20970	-6.9	96.2	-19	-192.2
20980	-6.0	98.2	-21	-195.4
20990	-3.9	100.2	-23	-197.8
21000	-4.1	102.2	-25	-199.6

21010	-3.9	104.2	-27	-200.9
21020	-3.4	106.1	-29	-181.8
21030	-21.2	107.9	-30	-158.9
21040	-26.6	109.5	-32	-149.0
21050	-16.7	110.8	-33	-111.2
21060	-11.0	111.9	-34	-102.7
21070	-16.4	112.8	-35	-85.9
21080	-13.6	113.5	-36	-64.6
21090	-7.9	114.1	-37	-59.6
21100	-8.0	114.7	-37	-44.4
21110	-9.6	115.1	-38	-41.5
21120	-6.6	115.5	-38	-30.8
21130	-4.6	115.8	-38	-28.7
21140	-6.1	116.0	-39	-21.5
21150	-6.8	116.2	-39	-20.2
21160	-6.2	116.4	-39	-18.3
21170	-7.2	116.6	-39	-14.1
21180	-8.1	116.7	-39	-13.0
21190	-7.9	116.8	-39	-10.1
21200	-7.5	116.9	-39	-7.4
21210	-7.2	116.9	-39	-6.1
21220	-6.1	117.0	-40	-6.1
21230	-5.0	117.1	-40	-4.5
21240	-4.3	117.1	-40	-3.9
21250	-3.7	117.1	-40	-3.1
21260	-2.6	117.2	-40	-2.3
21270	-2.3	117.2	-40	-2.3
21280	-1.8	117.2	-40	-1.8
21290	-1.2	117.2	-40	-1.5
21300	-0.5	117.2	-40	-1.0
21310	0.0	117.2	-40	-0.7
21320	0.5	117.2	-40	-0.5
21330	0.7	117.3	-40	-0.2
21340	0.8	117.3	-40	0.0
21350	0.9	117.3	-40	-0.2
21360	5.3	117.2	-40	1.5
21370	7.2	117.2	-40	3.7
21380	0.8	117.2	-40	6.6
21390	1.2	117.1	-40	7.1
21400	6.2	117.0	-40	8.2
21410	2.8	116.9	-39	12.7
21420	3.4	116.8	-39	14.3
21430	6.4	116.6	-39	16.5
21440	4.1	116.5	-39	19.9
21450	3.7	116.3	-39	20.2
21460	6.1	116.0	-39	20.4
21470	4.6	115.8	-38	27.9
21480	4.2	115.5	-38	28.2
21490	6.4	115.2	-38	27.6
21500	5.4	114.9	-37	37.2
21510	4.3	114.5	-37	36.7
21520	5.7	114.1	-37	35.4
21530	5.2	113.7	-36	37.8
21540	4.2	113.3	-36	49.2

21550	4.9	112.8	-35	47.1
21560	5.2	112.3	-35	44.7
21570	4.9	111.8	-34	47.1
21580	4.7	111.3	-34	49.5
21590	4.7	110.7	-33	51.6
21600	4.5	110.1	-33	66.0
21610	4.5	109.5	-32	68.6
21620	4.9	108.8	-31	70.8
21630	4.3	108.2	-31	73.4
21640	4.3	107.5	-30	75.8
21650	4.5	106.8	-29	78.5
21660	4.7	106.0	-29	80.6
21670	4.7	105.3	-28	83.3
21680	4.5	104.5	-27	78.2
21690	4.3	103.7	-26	80.3
21700	4.9	102.9	-25	82.7
21710	5.0	102.1	-25	85.1
21720	5.2	101.2	-24	87.8
21730	4.5	100.3	-23	90.5
21740	4.9	99.4	-22	92.6
21750	5.4	98.4	-21	95.3
21760	5.2	97.4	-20	97.9
21770	5.0	96.4	-19	100.8
21780	5.0	95.4	-18	103.5
21790	5.4	94.4	-17	105.6
21800	5.7	93.3	-16	108.6
21810	5.0	92.2	-15	111.5
21820	5.0	91.0	-14	113.9
21830	5.3	89.9	-12	116.6
21840	5.4	88.7	-11	119.0
21850	4.9	87.5	-10	121.6
21860	5.0	86.2	-9	124.0
21870	5.6	85.0	-8	126.4
21880	4.9	83.7	-6	129.1
21890	5.7	82.4	-5	131.5
21900	5.7	81.1	-4	134.1
21910	5.6	79.7	-2	137.1
21920	5.7	78.3	-1	139.7
21930	4.9	76.9	1	142.4
21940	5.6	75.5	2	144.5
21950	5.8	74.0	3	147.4
21960	4.9	72.6	5	134.9
21970	14.9	71.1	6	124.3
21980	21.3	69.8	8	134.4
21990	14.0	68.8	9	96.1
22000	13.7	67.8	10	93.7
22010	16.5	66.9	11	82.7
22020	13.0	66.2	11	64.9
22030	13.2	65.5	12	63.3
22040	13.8	65.0	12	55.9
22050	10.2	64.5	13	48.9
22060	9.1	64.0	13	38.3
22070	10.2	63.6	14	37.2
22080	8.8	63.3	14	35.9

22090	8.0	63.0	14	25.5
22100	8.8	62.7	15	25.2
22110	9.1	62.5	15	24.2
22120	8.7	62.3	15	19.7
22130	8.8	62.1	15	18.9
22140	8.3	62.0	15	15.1
22150	7.6	61.8	16	13.3
22160	6.6	61.7	16	10.3
22170	5.8	61.6	16	10.1
22180	5.0	61.5	16	7.7
22190	3.7	61.4	16	7.4
22200	3.1	61.4	16	6.6
22210	2.6	61.3	16	5.3
22220	1.8	61.2	16	5.0
22230	1.2	61.2	16	3.9
22240	0.8	61.2	16	3.9
22250	0.0	61.1	16	3.4
22260	0.0	61.1	16	2.9
22270	0.0	61.1	16	2.9
22280	-0.5	61.1	16	2.3
22290	-0.8	61.0	16	2.1
22300	-1.8	61.0	16	1.3
22310	-9.2	61.0	16	-0.5
22320	-3.1	61.0	16	-3.7
22330	-1.4	61.1	16	-4.7
22340	-7.6	61.2	16	-6.3
22350	-5.4	61.2	16	-10.9
22360	-3.4	61.4	16	-14.3
22370	-6.8	61.5	16	-14.9
22380	-6.9	61.7	16	-16.5
22390	-3.8	61.9	16	-19.4
22400	-5.8	62.1	15	-21.8
22410	-7.2	62.4	15	-29.8
22420	-4.7	62.7	15	-33.2
22430	-5.8	63.0	14	-37.0
22440	-8.0	63.4	14	-37.0
22450	-6.8	63.8	14	-36.7
22460	-6.6	64.2	13	-40.1
22470	-8.7	64.7	13	-52.9
22480	-8.3	65.2	12	-52.4
22490	-7.1	65.8	12	-51.3
22500	-8.8	66.4	11	-67.0
22510	-8.9	67.0	10	-65.2
22520	-7.5	67.7	10	-62.8
22530	-8.5	68.4	9	-67.6
22540	-9.5	69.2	8	-70.8
22550	-8.3	70.0	7	-75.0
22560	-9.2	70.9	7	-79.0
22570	-9.4	71.8	6	-83.3
22580	-8.4	72.8	5	-87.5
22590	-9.1	73.8	4	-101.9
22600	-9.4	74.9	3	-107.0
22610	-8.5	76.0	1	-111.5
22620	-8.5	77.1	0	-116.6

22630	-9.8	78.3	-1	-121.1
22640	-9.2	79.6	-2	-126.1
22650	-8.1	80.9	-3	-130.9
22660	-8.8	82.2	-5	-135.5
22670	-9.1	83.6	-6	-139.7
22680	-8.3	85.0	-8	-144.2
22690	-8.7	86.5	-9	-148.5
22700	-8.7	88.0	-11	-153.0
22710	-8.7	89.6	-12	-157.6
22720	-7.2	91.2	-14	-162.1
22730	-8.5	92.8	-15	-165.5
22740	-8.0	94.5	-17	-169.5
22750	-8.0	96.3	-19	-173.8
22760	-8.1	98.0	-21	-177.5
22770	-7.2	99.8	-22	-181.5
22780	-7.3	101.7	-24	-185.2
22790	-7.2	103.6	-26	-188.7
22800	-8.0	105.5	-28	-191.9
22810	-18.0	107.2	-30	-161.3
22820	-30.4	108.8	-31	-152.8
22830	-25.2	110.2	-33	-141.3
22840	-15.1	111.3	-34	-107.8
22850	-20.2	112.3	-35	-90.7
22860	-20.9	113.1	-36	-84.3
22870	-15.3	113.7	-36	-64.6
22880	-11.5	114.3	-37	-59.3
22890	-13.4	114.8	-37	-45.5
22900	-10.8	115.2	-38	-41.7
22910	-8.5	115.5	-38	-31.9
22920	-7.1	115.8	-38	-24.4
22930	-7.2	116.0	-39	-25.0
22940	-6.6	116.2	-39	-19.1
22950	-4.6	116.4	-39	-17.5
22960	-5.0	116.5	-39	-13.5
22970	-5.4	116.7	-39	-12.7
22980	-4.9	116.8	-39	-9.5
22990	-3.3	116.8	-39	-7.1
23000	-1.6	116.9	-39	-6.6
23010	-0.7	117.0	-40	-5.5
23020	-0.4	117.0	-40	-5.0
23030	0.0	117.1	-40	-4.2
23040	0.1	117.1	-40	-3.7
23050	0.5	117.1	-40	-2.9
23060	0.8	117.2	-40	-2.6
23070	1.1	117.2	-40	-2.1
23080	7.1	117.2	-40	-0.7
23090	4.7	117.2	-40	1.8
23100	0.8	117.1	-40	3.7
23110	3.5	117.1	-40	3.9
23120	5.6	117.0	-40	6.9
23130	3.5	116.9	-39	10.3
23140	4.3	116.8	-39	13.0
23150	5.8	116.7	-39	14.9
23160	3.9	116.5	-39	18.3

23170	3.4	116.4	-39	19.1
23180	5.4	116.2	-39	18.9
23190	4.9	115.9	-38	21.2
23200	4.5	115.7	-38	29.2
23210	5.4	115.4	-38	28.7
23220	5.4	115.1	-38	31.6
23230	5.3	114.7	-37	31.4
23240	5.7	114.4	-37	33.8
23250	5.4	114.0	-37	36.4
23260	5.3	113.5	-36	47.9
23270	5.2	113.1	-36	46.3
23280	4.7	112.6	-35	48.7
23290	4.9	112.1	-35	46.3
23300	4.6	111.6	-34	48.4
23310	4.6	111.0	-34	50.5
23320	4.9	110.4	-33	52.7
23330	5.0	109.8	-32	55.6
23340	4.6	109.2	-32	57.2
23350	4.6	108.5	-31	59.3
23360	4.3	107.9	-30	61.4
23370	4.1	107.2	-30	63.6
23380	3.9	106.5	-29	65.2
23390	3.5	105.7	-28	66.8
23400	3.3	104.9	-27	75.8
23410	3.5	104.1	-27	77.7
23420	4.1	103.4	-26	79.6
23430	3.8	102.5	-25	81.4
23440	3.7	101.7	-24	83.3
23450	4.6	100.9	-23	85.4
23460	4.1	100.0	-23	87.5
23470	4.3	99.1	-22	89.7
23480	4.6	98.2	-21	91.8
23490	4.3	97.3	-20	93.9
23500	4.1	96.3	-19	96.3
23510	4.3	95.3	-18	98.2
23520	4.3	94.3	-17	100.3
23530	4.9	93.3	-16	102.7
23540	4.3	92.3	-15	104.8
23550	4.7	91.2	-14	107.2
23560	4.9	90.1	-13	109.4
23570	4.9	89.0	-12	111.8
23580	4.9	87.9	-10	114.2
23590	4.7	86.7	-9	116.6
23600	4.7	85.5	-8	119.0
23610	4.6	84.3	-7	121.1
23620	4.6	83.1	-6	123.5
23630	4.6	81.8	-4	125.6
23640	5.2	80.5	-3	127.5
23650	5.0	79.2	-2	130.1
23660	5.0	77.9	0	132.5
23670	4.7	76.6	1	134.7
23680	5.3	75.2	2	137.1
23690	5.6	73.8	4	139.7
23700	5.0	72.5	5	127.7

23710	14.9	71.1	6	117.4
23720	19.3	69.9	8	116.3
23730	13.3	68.9	9	91.8
23740	12.9	67.9	10	90.2
23750	14.0	67.1	10	88.1
23760	13.0	66.4	11	71.0
23770	13.7	65.7	12	62.8
23780	11.5	65.1	12	60.6
23790	8.5	64.6	13	48.7
23800	8.1	64.2	13	43.3
23810	8.1	63.8	14	38.3
23820	7.1	63.5	14	37.0
23830	6.2	63.2	14	29.8
23840	5.8	62.9	15	26.3
23850	5.8	62.7	15	20.7
23860	5.6	62.4	15	20.4
23870	5.2	62.3	15	16.5
23880	4.3	62.1	15	16.2
23890	3.3	61.9	16	14.3
23900	2.2	61.8	16	11.1
23910	1.2	61.7	16	11.1
23920	0.1	61.6	16	10.6
23930	0.0	61.5	16	8.2
23940	0.0	61.4	16	8.2
23950	-0.1	61.4	16	6.6
23960	-0.7	61.3	16	6.3
23970	-3.7	61.3	16	5.0
23980	-8.1	61.2	16	1.5
23990	-1.2	61.2	16	-1.0
24000	-3.4	61.2	16	-1.3
24010	-6.1	61.3	16	-3.1
24020	-4.1	61.3	16	-5.8
24030	-4.9	61.4	16	-7.9
24040	-6.1	61.5	16	-10.3
24050	-4.9	61.7	16	-13.3
24060	-5.8	61.8	16	-19.1
24070	-6.8	62.0	15	-20.2
24080	-6.1	62.2	15	-23.9
24090	-6.6	62.5	15	-24.4
24100	-8.1	62.8	15	-30.8
24110	-8.3	63.1	14	-31.6
24120	-8.0	63.6	14	-43.6
24130	-8.7	64.0	13	-43.9
24140	-9.4	64.4	13	-43.6
24150	-9.4	65.0	12	-58.5
24160	-9.4	65.5	12	-58.3
24170	-10.0	66.1	11	-57.2
24180	-10.4	66.9	11	-75.6
24190	-10.4	67.6	10	-81.1
24200	-11.0	68.4	9	-87.8
24210	-11.3	69.2	8	-85.4
24220	-11.7	70.1	7	-82.2
24230	-11.9	71.0	6	-87.5
24240	-11.5	72.0	5	-93.4

24250	-12.2	73.2	4	-109.6
24260	-12.3	74.3	3	-116.6
24270	-11.5	75.5	2	-123.5
24280	-11.8	76.8	1	-129.9
24290	-12.2	78.2	-1	-136.3
24300	-11.5	79.6	-2	-142.6
24310	-10.4	81.1	-4	-148.8
24320	-10.0	82.6	-5	-154.4
24330	-10.4	84.2	-7	-159.2
24340	-9.8	85.8	-8	-165.0
24350	-10.6	87.5	-10	-170.1
24360	-10.3	89.2	-12	-175.4
24370	-9.1	91.0	-14	-180.7
24380	-9.6	92.9	-15	-185.2
24390	-9.4	94.8	-17	-190.0
24400	-9.1	96.7	-19	-194.8
24410	-8.1	98.7	-21	-199.4
24420	-7.6	100.7	-23	-203.1
24430	-7.7	102.8	-25	-206.8
24440	-8.5	104.9	-27	-210.5
24450	-11.4	106.8	-29	-189.2
24460	-34.2	108.8	-31	-190.6
24470	-34.0	110.2	-33	-144.5
24480	-19.9	111.4	-34	-119.0
24490	-19.3	112.5	-35	-87.3
24500	-22.5	113.3	-36	-80.6
24510	-17.5	114.0	-37	-66.8
24520	-12.7	114.6	-37	-49.2
24530	-13.6	115.1	-38	-44.9
24540	-11.7	115.5	-38	-33.2
24550	-8.9	115.8	-38	-33.5
24560	-7.1	116.0	-39	-25.2
24570	-7.1	116.3	-39	-22.6
24580	-6.8	116.4	-39	-17.3
24590	-6.4	116.6	-39	-12.7
24600	-6.0	116.7	-39	-13.0
24610	-5.6	116.8	-39	-9.8
24620	-5.0	116.9	-39	-6.9
24630	-3.8	117.0	-40	-6.9
24640	-2.4	117.0	-40	-5.3
24650	-1.2	117.1	-40	-3.7
24660	0.0	117.1	-40	-3.1
24670	0.1	117.1	-40	-2.9
24680	0.1	117.2	-40	-2.3
24690	0.5	117.2	-40	-1.8
24700	0.7	117.2	-40	-1.3
24710	0.7	117.2	-40	-1.0
24720	1.6	117.2	-40	-0.7
24730	5.6	117.2	-40	0.7
24740	2.6	117.2	-40	2.6
24750	0.9	117.2	-40	3.9
24760	3.8	117.1	-40	4.5
24770	3.5	117.1	-40	6.6
24780	2.7	117.0	-40	8.7

24790	3.7	116.9	-39	9.8
24800	3.5	116.8	-39	10.3
24810	2.7	116.7	-39	11.9
24820	3.0	116.5	-39	13.8
24830	3.3	116.4	-39	15.1
24840	3.1	116.2	-39	16.5
24850	3.1	116.0	-39	18.1
24860	3.4	115.8	-38	19.7
24870	3.0	115.5	-38	21.2
24880	3.3	115.3	-38	27.9
24890	3.5	115.0	-38	29.8
24900	3.5	114.7	-37	31.9
24910	3.0	114.4	-37	30.8
24920	3.1	114.1	-37	29.0
24930	3.3	113.8	-36	30.6
24940	3.0	113.4	-36	31.9
24950	3.1	113.0	-36	40.9
24960	3.7	112.6	-35	42.5
24970	4.1	112.2	-35	44.7
24980	4.1	111.8	-34	42.5
24990	4.2	111.4	-34	40.1
25000	4.2	110.9	-33	51.3
25010	3.9	110.4	-33	53.7
25020	3.8	109.9	-32	55.3
25030	3.9	109.4	-32	58.3
25040	3.9	108.9	-31	60.4
25050	4.1	108.3	-31	62.5
25060	4.9	107.7	-30	64.6
25070	4.1	107.1	-30	67.6
25080	4.1	106.5	-29	69.7
25090	4.5	105.8	-28	72.1
25100	4.3	105.1	-28	67.8
25110	3.9	104.5	-27	70.0
25120	4.2	103.7	-26	72.1
25130	4.3	103.0	-26	74.2
25140	3.7	102.2	-25	76.6
25150	4.1	101.5	-24	78.5
25160	4.3	100.7	-23	80.6
25170	3.7	99.8	-22	82.5
25180	4.7	99.0	-22	84.6
25190	5.0	98.1	-21	86.7
25200	4.3	97.2	-20	89.4
25210	4.6	96.3	-19	92.1
25220	4.9	95.4	-18	94.2
25230	5.0	94.4	-17	96.6
25240	4.9	93.4	-16	99.0
25250	4.9	92.4	-15	101.6
25260	4.5	91.4	-14	104.0
25270	4.9	90.3	-13	106.4
25280	5.3	89.3	-12	108.6
25290	5.3	88.2	-11	111.5
25300	4.9	87.0	-10	113.9
25310	5.3	85.9	-8	116.3
25320	6.0	84.7	-7	119.0

25330	5.3	83.5	-6	121.6
25340	5.3	82.2	-5	124.3
25350	5.6	81.0	-4	126.9
25360	5.6	79.7	-2	129.3
25370	5.7	78.4	-1	132.0
25380	4.6	77.0	0	134.7
25390	5.3	75.7	2	137.1
25400	6.1	74.3	3	139.7
25410	4.6	72.9	5	142.1
25420	10.6	71.5	6	122.4
25430	20.3	70.2	7	133.1
25440	15.1	69.2	8	107.0
25450	11.7	68.2	9	93.9
25460	14.8	67.3	10	91.5
25470	12.7	66.6	11	73.7
25480	12.2	65.9	12	64.9
25490	12.3	65.3	12	51.6
25500	9.6	64.8	13	50.5
25510	7.9	64.3	13	44.7
25520	8.7	63.9	14	39.4
25530	8.5	63.6	14	31.4
25540	7.6	63.3	14	30.6
25550	7.6	63.0	14	29.5
25560	7.9	62.7	15	23.9
25570	7.5	62.5	15	23.1
25580	7.3	62.3	15	18.6
25590	6.8	62.1	15	16.5
25600	5.7	62.0	15	13.0
25610	4.9	61.9	16	12.5
25620	3.8	61.7	16	12.5
25630	3.1	61.6	16	9.8
25640	2.8	61.6	16	9.5
25650	2.2	61.5	16	7.4
25660	1.5	61.4	16	6.6
25670	1.2	61.3	16	5.3
25680	0.8	61.3	16	5.0
25690	0.0	61.2	16	4.2
25700	0.0	61.2	16	4.2
25710	-0.1	61.2	16	3.7
25720	-0.7	61.1	16	2.9
25730	-0.9	61.1	16	2.6
25740	-6.8	61.1	16	1.5
25750	-5.7	61.1	16	-1.5
25760	-0.5	61.1	16	-4.5
25770	-3.7	61.2	16	-4.5
25780	-7.2	61.2	16	-6.6
25790	-2.8	61.3	16	-9.0
25800	-4.6	61.4	16	-10.9
25810	-8.8	61.6	16	-15.9
25820	-5.3	61.8	16	-20.4
25830	-5.2	62.0	15	-22.0
25840	-9.5	62.2	15	-22.3
25850	-7.7	62.5	15	-32.7
25860	-6.5	62.8	15	-33.8

25870	-9.4	63.2	14	-34.0
25880	-9.1	63.6	14	-47.1
25890	-7.7	64.1	13	-47.3
25900	-9.6	64.6	13	-46.5
25910	-9.8	65.2	12	-62.2
25920	-8.1	65.7	12	-61.7
25930	-9.4	66.4	11	-59.9
25940	-10.7	67.1	10	-78.2
25950	-9.6	67.9	10	-84.1
25960	-9.9	68.7	9	-90.2
25970	-10.7	69.5	8	-95.8
25980	-10.4	70.4	7	-101.6
25990	-9.8	71.4	6	-107.5
26000	-10.0	72.4	5	-113.6
26010	-9.6	73.5	4	-119.0
26020	-9.6	74.6	3	-113.6
26030	-9.5	75.8	2	-118.7
26040	-9.6	77.0	0	-123.7
26050	-9.8	78.3	-1	-128.8
26060	-9.5	79.6	-2	-133.6
26070	-8.8	81.0	-4	-138.4
26080	-8.7	82.4	-5	-143.4
26090	-8.8	83.9	-6	-147.7
26100	-8.5	85.4	-8	-152.5
26110	-9.5	87.0	-10	-156.8
26120	-8.8	88.6	-11	-161.5
26130	-8.7	90.2	-13	-165.5
26140	-8.1	91.9	-14	-170.1
26150	-8.0	93.6	-16	-174.3
26160	-9.1	95.4	-18	-178.1
26170	-7.9	97.2	-20	-182.3
26180	-7.1	99.1	-22	-186.3
26190	-7.5	101.0	-24	-190.0
26200	-7.7	102.9	-25	-193.2
26210	-7.9	104.9	-27	-197.0
26220	-11.0	106.8	-29	-214.0
26230	-30.9	108.4	-31	-165.0
26240	-30.1	110.0	-33	-152.0
26250	-16.8	111.1	-34	-115.5
26260	-18.3	112.1	-35	-96.1
26270	-23.5	113.0	-36	-80.9
26280	-17.9	113.7	-36	-60.4
26290	-11.7	114.3	-37	-55.9
26300	-13.0	114.7	-37	-41.7
26310	-11.9	115.2	-38	-39.1
26320	-7.6	115.5	-38	-29.0
26330	-4.9	115.8	-38	-26.8
26340	-5.0	116.0	-39	-22.6
26350	-4.6	116.2	-39	-18.6
26360	-3.1	116.4	-39	-14.1
26370	-3.0	116.5	-39	-13.3
26380	-2.8	116.6	-39	-9.8
26390	-2.0	116.7	-39	-10.1
26400	-1.2	116.8	-39	-7.9

26410	-0.7	116.9	-39	-5.8
26420	0.3	116.9	-39	-5.5
26430	0.1	117.0	-40	-4.5
26440	0.5	117.0	-40	-3.7
26450	0.8	117.0	-40	-3.4
26460	3.4	117.1	-40	-2.6
26470	8.5	117.1	-40	0.5
26480	1.4	117.0	-40	3.7
26490	0.4	117.0	-40	4.5
26500	5.7	117.0	-40	5.0
26510	3.0	116.9	-39	7.7
26520	1.8	116.8	-39	9.5
26530	5.3	116.7	-39	10.6
26540	3.0	116.6	-39	12.2
26550	1.9	116.5	-39	12.5
26560	5.2	116.3	-39	13.8
26570	3.9	116.2	-39	19.4
26580	2.2	116.0	-39	19.9
26590	4.3	115.8	-38	19.1
26600	3.9	115.5	-38	21.2
26610	2.8	115.3	-38	27.9
26620	4.1	115.0	-38	29.8
26630	3.8	114.7	-37	29.2
26640	3.1	114.4	-37	28.2
26650	3.9	114.1	-37	36.4
26660	3.9	113.7	-36	34.8
26670	3.4	113.4	-36	33.2
26680	3.8	113.0	-36	34.8
26690	4.1	112.6	-35	44.9
26700	3.8	112.2	-35	42.5
26710	4.2	111.7	-34	40.4
26720	4.2	111.2	-34	51.6
26730	3.8	110.8	-33	48.9
26740	4.2	110.3	-33	45.7
26750	4.6	109.7	-32	58.5
26760	4.5	109.2	-32	60.9
26770	4.3	108.6	-31	63.6
26780	4.6	108.0	-31	66.0
26790	4.6	107.4	-30	68.6
26800	4.3	106.8	-29	71.0
26810	4.6	106.1	-29	73.4
26820	4.3	105.4	-28	76.1
26830	4.1	104.7	-27	71.3
26840	4.5	104.0	-27	73.7
26850	4.9	103.2	-26	76.1
26860	4.3	102.4	-25	78.2
26870	4.2	101.6	-24	80.6
26880	4.5	100.8	-23	82.7
26890	3.9	100.0	-23	84.9
26900	4.6	99.1	-22	87.0
26910	4.9	98.2	-21	89.1
26920	4.3	97.3	-20	91.5
26930	4.2	96.4	-19	93.9
26940	4.2	95.4	-18	96.1

26950	4.6	94.4	-17	97.9
26960	4.6	93.4	-16	100.0
26970	4.6	92.4	-15	102.4
26980	4.5	91.4	-14	104.6
26990	4.9	90.3	-13	107.0
27000	4.9	89.2	-12	109.1
27010	5.0	88.1	-11	111.8
27020	4.9	87.0	-10	114.2
27030	5.3	85.8	-8	116.8
27040	5.3	84.6	-7	119.2
27050	5.2	83.4	-6	121.3
27060	5.4	82.2	-5	124.3
27070	5.6	80.9	-3	126.4
27080	5.4	79.6	-2	129.1
27090	5.7	78.3	-1	131.7
27100	4.9	77.0	0	134.4
27110	5.2	75.6	2	136.8
27120	6.0	74.2	3	139.5
27130	4.5	72.9	5	128.0
27140	11.0	71.5	6	121.6
27150	19.4	70.2	7	132.8
27160	14.0	69.2	8	106.7
27170	11.5	68.2	9	93.7
27180	14.2	67.3	10	91.5
27190	11.9	66.6	11	73.7
27200	11.4	65.9	12	64.6
27210	11.7	65.3	12	51.6
27220	9.2	64.8	13	50.8
27230	7.7	64.3	13	44.7
27240	7.9	63.9	14	39.4
27250	7.2	63.5	14	38.0
27260	6.1	63.2	14	30.6
27270	5.8	63.0	14	27.1
27280	6.0	62.7	15	22.0
27290	5.3	62.5	15	21.2
27300	4.5	62.3	15	16.7
27310	3.8	62.1	15	16.7
27320	2.6	62.0	15	14.9
27330	1.5	61.8	16	13.8
27340	0.4	61.7	16	11.1
27350	0.0	61.6	16	9.8
27360	0.0	61.5	16	7.7
27370	-0.1	61.5	16	8.5
27380	-0.5	61.4	16	6.9
27390	-3.3	61.3	16	6.3
27400	-9.1	61.3	16	3.1
27410	-0.8	61.3	16	-0.5
27420	-3.5	61.3	16	-0.2
27430	-6.8	61.3	16	-3.1
27440	-3.7	61.4	16	-5.8
27450	-5.3	61.4	16	-7.1
27460	-7.5	61.5	16	-11.9
27470	-5.0	61.7	16	-16.2
27480	-6.0	61.8	16	-19.4

27490	-8.0	62.0	15	-20.4
27500	-6.6	62.3	15	-22.0
27510	-6.8	62.5	15	-25.5
27520	-9.1	62.9	15	-32.2
27530	-9.2	63.2	14	-33.2
27540	-8.5	63.6	14	-37.8
27550	-10.4	64.1	13	-51.3
27560	-10.4	64.6	13	-51.9
27570	-9.6	65.1	12	-51.3
27580	-10.0	65.8	12	-68.9
27590	-10.6	66.4	11	-68.1
27600	-10.2	67.1	10	-66.2
27610	-10.4	67.9	10	-71.0
27620	-11.0	68.7	9	-76.1
27630	-10.3	69.7	8	-99.3
27640	-11.0	70.6	7	-103.8
27650	-11.3	71.6	6	-111.5
27660	-10.4	72.7	5	-117.9
27670	-10.4	73.8	4	-112.6
27680	-10.4	75.0	2	-118.7
27690	-10.0	76.2	1	-124.0
27700	-10.0	77.5	0	-129.6
27710	-9.9	78.8	-1	-134.7
27720	-9.2	80.2	-3	-140.2
27730	-8.7	81.6	-4	-144.8
27740	-8.8	83.1	-6	-149.6
27750	-9.1	84.7	-7	-153.8
27760	-8.3	86.2	-9	-158.4
27770	-8.8	87.8	-10	-162.9
27780	-9.2	89.5	-12	-167.1
27790	-7.3	91.2	-14	-171.7
27800	-7.9	93.0	-16	-175.1
27810	-8.0	94.7	-17	-179.1
27820	-7.9	96.6	-19	-183.1
27830	-7.2	98.4	-21	-186.6
27840	-6.6	100.3	-23	-189.8
27850	-6.6	102.2	-25	-193.5
27860	-6.5	104.2	-27	-196.7
27870	-7.2	106.1	-29	-178.9
27880	-26.0	107.9	-30	-157.0
27890	-30.9	109.4	-32	-147.4
27900	-21.3	110.7	-33	-110.4
27910	-15.7	111.8	-34	-102.2
27920	-22.0	112.7	-35	-85.9
27930	-18.7	113.5	-36	-79.0
27940	-12.3	114.1	-37	-60.1
27950	-11.4	114.6	-37	-54.8
27960	-13.3	115.1	-38	-41.7
27970	-10.0	115.4	-38	-38.3
27980	-7.2	115.7	-38	-29.0
27990	-6.6	116.0	-39	-26.6
28000	-6.8	116.2	-39	-20.2
28010	-5.3	116.4	-39	-15.4
28020	-4.5	116.5	-39	-14.1

28030	-4.3	116.7	-39	-10.9
28040	-4.2	116.8	-39	-11.1
28050	-3.0	116.8	-39	-8.2
28060	-2.2	116.9	-39	-6.1
28070	-1.4	117.0	-40	-6.1
28080	-0.3	117.0	-40	-4.7
28090	0.0	117.1	-40	-3.4
28100	0.0	117.1	-40	-3.4
28110	0.4	117.1	-40	-3.1
28120	0.7	117.2	-40	-2.3
28130	0.8	117.2	-40	-2.1
28140	3.8	117.2	-40	-1.3
28150	5.0	117.2	-40	1.3
28160	0.7	117.2	-40	2.9
28170	1.6	117.1	-40	3.1
28180	4.6	117.1	-40	4.2
28190	2.6	117.0	-40	6.9
28200	2.4	117.0	-40	8.5
28210	4.3	116.9	-39	10.1
28220	3.3	116.8	-39	12.5
28230	2.3	116.7	-39	13.0
28240	3.8	116.5	-39	15.9
28250	3.0	116.3	-39	18.1
28260	2.2	116.2	-39	18.1
28270	3.4	116.0	-39	17.5
28280	3.1	115.8	-38	19.1
28290	2.2	115.5	-38	25.2
28300	3.7	115.3	-38	26.6
28310	3.8	115.0	-38	28.4
28320	2.6	114.8	-37	28.2
28330	3.0	114.5	-37	26.6
28340	3.7	114.2	-37	30.8
28350	3.0	113.8	-36	35.9
28360	3.3	113.5	-36	37.5
28370	3.5	113.2	-36	39.6
28380	2.8	112.8	-35	37.8
28390	3.3	112.4	-35	35.6
28400	3.8	112.0	-35	45.5
28410	3.3	111.6	-34	43.1
28420	3.4	111.1	-34	40.1
28430	3.8	110.7	-33	41.7
28440	3.8	110.2	-33	53.2
28450	3.7	109.7	-32	55.3
28460	3.8	109.1	-32	57.5
28470	3.8	108.6	-31	59.6
28480	3.8	108.0	-31	61.7
28490	3.9	107.5	-30	63.8
28500	4.1	106.9	-29	66.2
28510	3.8	106.3	-29	68.4
28520	4.1	105.6	-28	70.2
28530	3.8	105.0	-28	66.0
28540	3.5	104.3	-27	68.1
28550	4.2	103.6	-26	70.0
28560	3.9	102.9	-25	72.1

28570	3.5	102.1	-25	74.0
28580	3.9	101.4	-24	75.8
28590	4.1	100.6	-23	78.0
28600	3.9	99.8	-22	79.8
28610	4.3	99.0	-22	81.9
28620	4.1	98.2	-21	84.1
28630	3.9	97.3	-20	86.2
28640	4.6	96.4	-19	88.3
28650	4.5	95.5	-18	90.7
28660	4.9	94.6	-17	92.9
28670	5.4	93.7	-16	95.3
28680	4.6	92.7	-15	97.9
28690	4.7	91.7	-14	100.3
28700	5.2	90.7	-13	103.0
28710	5.4	89.6	-12	105.4
28720	5.7	88.5	-11	108.0
28730	5.7	87.4	-10	110.7
28740	5.6	86.3	-9	113.6
28750	5.7	85.1	-8	116.6
28760	5.3	84.0	-7	119.2
28770	5.8	82.7	-5	122.1
28780	5.3	81.5	-4	124.8
28790	5.7	80.2	-3	127.7
28800	6.1	78.9	-1	130.4
28810	5.6	77.6	0	133.3
28820	5.7	76.3	1	136.3
28830	6.5	74.9	3	138.9
28840	5.4	73.5	4	142.1
28850	5.8	72.0	5	157.0
28860	19.0	70.8	7	128.0
28870	18.7	69.6	8	102.2
28880	12.5	68.6	9	99.8
28890	15.3	67.7	10	88.1
28900	14.9	66.8	11	85.7
28910	12.9	66.1	11	68.6
28920	13.8	65.5	12	60.4
28930	11.9	65.0	12	53.5
28940	9.2	64.5	13	47.1
28950	9.2	64.1	13	37.2
28960	9.4	63.7	14	36.4
28970	8.1	63.3	14	32.2
28980	8.1	63.0	14	25.5
28990	8.9	62.8	15	25.0
29000	8.3	62.5	15	24.2
29010	8.3	62.4	15	19.9
29020	8.3	62.2	15	18.9
29030	7.3	62.0	15	15.4
29040	6.6	61.9	16	13.3
29050	5.4	61.8	16	10.6
29060	4.3	61.6	16	10.3
29070	3.7	61.6	16	9.8
29080	2.7	61.5	16	7.9
29090	1.8	61.4	16	6.9
29100	1.2	61.3	16	5.5

29110	0.4	61.3	16	5.5
29120	0.0	61.2	16	5.3
29130	0.0	61.2	16	3.9
29140	-0.5	61.2	16	3.4
29150	-0.8	61.1	16	2.6
29160	-8.8	61.1	16	1.8
29170	-7.9	61.1	16	-2.3
29180	-2.4	61.2	16	-5.0
29190	-7.3	61.2	16	-6.6
29200	-8.4	61.3	16	-9.8
29210	-5.6	61.5	16	-13.8
29220	-8.3	61.7	16	-17.0
29230	-9.1	61.9	16	-25.2
29240	-6.1	62.1	15	-27.6
29250	-7.9	62.4	15	-28.2
29260	-8.8	62.8	15	-38.8
29270	-7.3	63.2	14	-43.6
29280	-9.2	63.6	14	-48.9
29290	-10.8	64.1	13	-49.5
29300	-9.8	64.6	13	-49.2
29310	-9.9	65.2	12	-54.0
29320	-10.6	65.9	12	-72.1
29330	-10.6	66.6	11	-78.2
29340	-10.0	67.3	10	-84.1
29350	-10.8	68.1	9	-81.9
29360	-11.3	69.0	8	-79.0
29370	-11.0	69.9	8	-102.7
29380	-12.3	70.9	7	-109.1
29390	-11.5	71.9	6	-116.0
29400	-11.5	73.0	4	-122.9
29410	-12.6	74.2	3	-118.2
29420	-11.7	75.4	2	-124.5
29430	-11.4	76.7	1	-130.9
29440	-11.8	78.1	-1	-137.6
29450	-11.5	79.5	-2	-143.4
29460	-10.0	81.0	-4	-149.6
29470	-10.0	82.5	-5	-155.4
29480	-10.8	84.1	-7	-160.2
29490	-9.8	85.8	-8	-166.1
29500	-11.0	87.5	-10	-171.1
29510	-11.3	89.2	-12	-176.7
29520	-9.4	91.0	-14	-182.3
29530	-9.6	92.9	-15	-187.1
29540	-9.8	94.8	-17	-191.6
29550	-9.1	96.8	-19	-196.4
29560	-7.6	98.7	-21	-200.9
29570	-7.6	100.8	-23	-204.7
29580	-8.1	102.9	-25	-208.1
29590	-8.4	105.0	-28	-212.1
29600	-12.3	107.0	-30	-186.0
29610	-34.8	108.8	-31	-173.0
29620	-33.6	110.4	-33	-157.0
29630	-18.3	111.5	-34	-117.6
29640	-20.7	112.5	-35	-96.6

29650	-25.2	113.4	-36	-80.1
29660	-18.2	114.1	-37	-59.1
29670	-12.7	114.6	-37	-53.7
29680	-14.6	115.1	-38	-39.4
29690	-12.9	115.5	-38	-36.4
29700	-9.1	115.8	-38	-26.8
29710	-7.3	116.1	-39	-24.7
29720	-7.7	116.3	-39	-18.1
29730	-6.8	116.5	-39	-18.3
29740	-5.7	116.6	-39	-13.5
29750	-6.0	116.7	-39	-10.3
29760	-5.8	116.8	-39	-9.3
29770	-4.9	116.9	-39	-6.9
29780	-3.5	117.0	-40	-6.6
29790	-2.7	117.0	-40	-5.3
29800	-1.8	117.1	-40	-3.7
29810	-0.5	117.1	-40	-2.9
29820	0.0	117.1	-40	-2.9
29830	0.0	117.2	-40	-2.6
29840	0.4	117.2	-40	-2.1
29850	0.5	117.2	-40	-1.8
29860	0.5	117.2	-40	-1.3
29870	0.7	117.2	-40	-0.5
29880	1.8	117.2	-40	0.0
29890	7.1	117.2	-40	0.7
29900	2.7	117.2	-40	3.1
29910	1.4	117.1	-40	4.2
29920	5.0	117.1	-40	5.0
29930	4.1	117.0	-40	7.1
29940	3.5	116.9	-39	9.5
29950	5.0	116.8	-39	11.4
29960	4.6	116.6	-39	13.5
29970	3.5	116.5	-39	19.7
29980	4.9	116.3	-39	19.4
29990	4.9	116.1	-39	22.0
30000	3.9	115.8	-38	22.3
30010	4.9	115.6	-38	24.7
30020	5.4	115.3	-38	26.8
30030	4.9	114.9	-37	35.6
30040	5.4	114.6	-37	38.6
30050	6.0	114.2	-37	41.7
30060	5.6	113.8	-36	44.9
30070	5.4	113.4	-36	48.4
30080	5.2	112.9	-35	47.1
30090	4.9	112.4	-35	44.9
30100	5.0	111.9	-34	47.3
30110	5.0	111.3	-34	60.6
30120	4.9	110.8	-33	57.2
30130	5.3	110.2	-33	54.0
30140	5.2	109.6	-32	56.4
30150	5.3	108.9	-31	58.8
30160	5.3	108.3	-31	61.2
30170	5.7	107.6	-30	63.6
30180	5.4	106.8	-29	66.5

30190	5.2	106.1	-29	68.9
30200	5.3	105.3	-28	79.3
30210	4.7	104.4	-27	81.7
30220	4.9	103.6	-26	84.3
30230	5.3	102.7	-25	86.7
30240	4.5	101.9	-24	89.4
30250	5.4	100.9	-23	91.8
30260	5.6	100.0	-23	94.5
30270	5.4	99.0	-22	97.4
30280	5.8	98.0	-21	100.3
30290	6.0	97.0	-20	103.0
30300	4.9	96.0	-19	106.2
30310	5.4	94.9	-17	108.8
30320	5.6	93.8	-16	111.2
30330	5.2	92.6	-15	114.2
30340	5.4	91.5	-14	116.8
30350	5.8	90.3	-13	119.8
30360	5.8	89.1	-12	122.1
30370	6.0	87.8	-10	125.1
30380	5.6	86.5	-9	128.0
30390	5.8	85.2	-8	130.9
30400	5.8	83.9	-6	133.9
30410	6.4	82.5	-5	136.5
30420	6.0	81.2	-4	139.7
30430	6.2	79.7	-2	142.6
30440	6.2	78.3	-1	145.8
30450	5.6	76.8	1	148.8
30460	6.4	75.3	2	151.4
30470	6.6	73.8	4	154.4
30480	6.0	72.2	5	156.8
30490	19.7	70.8	7	141.6
30500	22.9	69.5	8	111.5
30510	14.8	68.4	9	107.5
30520	16.7	67.4	10	93.9
30530	17.5	66.6	11	82.2
30540	13.4	65.8	12	71.3
30550	14.4	65.2	12	55.9
30560	14.4	64.6	13	54.5
30570	10.8	64.1	13	47.3
30580	10.2	63.7	14	41.2
30590	10.2	63.3	14	31.9
30600	8.4	63.0	14	31.1
30610	8.3	62.7	15	27.1
30620	9.1	62.5	15	21.0
30630	8.7	62.3	15	20.7
30640	8.1	62.1	15	19.7
30650	8.0	61.9	16	15.7
30660	6.8	61.8	16	15.1
30670	5.6	61.7	16	11.9
30680	4.7	61.6	16	10.1
30690	3.7	61.5	16	7.9
30700	2.2	61.4	16	7.7
30710	1.5	61.3	16	6.6
30720	0.7	61.3	16	5.0

30730	0.0	61.2	16	4.7
30740	0.0	61.2	16	4.2
30750	-0.3	61.1	16	3.1
30760	-0.7	61.1	16	3.1
30770	-1.6	61.1	16	2.9
30780	-10.8	61.0	16	0.7
30790	-4.3	61.1	16	-2.3
30800	-1.4	61.1	16	-4.5
30810	-8.4	61.2	16	-5.5
30820	-5.8	61.3	16	-9.0
30830	-3.9	61.4	16	-11.9
30840	-8.1	61.5	16	-14.1
30850	-6.9	61.7	16	-21.8
30860	-5.4	62.0	15	-25.8
30870	-8.7	62.2	15	-26.6
30880	-9.1	62.5	15	-27.9
30890	-7.2	62.9	15	-39.6
30900	-9.8	63.2	14	-39.9
30910	-11.0	63.7	14	-40.9
30920	-9.5	64.2	13	-56.1
30930	-10.4	64.7	13	-55.6
30940	-11.3	65.3	12	-55.1
30950	-9.4	66.0	11	-74.0
30960	-10.4	66.7	11	-72.6
30970	-11.3	67.4	10	-70.0
30980	-10.6	68.3	9	-92.1
30990	-11.0	69.1	8	-89.4
31000	-11.8	70.1	7	-85.4
31010	-11.7	71.1	6	-92.3
31020	-11.3	72.1	5	-96.9
31030	-11.7	73.3	4	-113.1
31040	-11.7	74.5	3	-119.5
31050	-10.3	75.7	2	-125.6
31060	-11.1	77.0	0	-131.2
31070	-11.4	78.4	-1	-137.1
31080	-10.7	79.8	-2	-143.2
31090	-10.3	81.3	-4	-149.0
31100	-10.4	82.8	-5	-154.4
31110	-10.6	84.4	-7	-159.7
31120	-9.5	86.0	-9	-165.3
31130	-10.7	87.7	-10	-170.3
31140	-10.4	89.5	-12	-175.9
31150	-8.7	91.3	-14	-181.2
31160	-9.2	93.1	-16	-185.5
31170	-9.6	95.0	-18	-189.8
31180	-8.7	96.9	-19	-194.8
31190	-7.9	98.9	-21	-199.1
31200	-8.0	100.9	-23	-202.8
31210	-8.0	103.0	-26	-206.3
31220	-8.7	105.1	-28	-210.0
31230	-15.3	107.1	-30	-223.8
31240	-34.8	108.8	-31	-170.6
31250	-33.0	110.3	-33	-141.3
31260	-17.4	111.5	-34	-103.8

31270	-21.6	112.5	-35	-95.3
31280	-26.0	113.4	-36	-79.3
31290	-18.2	114.1	-37	-71.8
31300	-13.3	114.6	-37	-53.7
31310	-15.6	115.1	-38	-44.1
31320	-13.7	115.5	-38	-33.0
31330	-8.9	115.8	-38	-33.0
31340	-7.1	116.1	-39	-24.7
31350	-6.9	116.3	-39	-22.3
31360	-6.0	116.5	-39	-17.0
31370	-4.6	116.6	-39	-12.5
31380	-5.0	116.7	-39	-12.5
31390	-5.2	116.8	-39	-9.5
31400	-4.2	116.9	-39	-6.9
31410	-2.6	117.0	-40	-6.3
31420	-1.5	117.0	-40	-4.7
31430	0.0	117.1	-40	-4.5
31440	0.1	117.1	-40	-3.4
31450	0.4	117.1	-40	-3.1
31460	0.7	117.2	-40	-2.6
31470	0.8	117.2	-40	-2.1
31480	3.3	117.2	-40	-1.5
31490	7.3	117.2	-40	1.0
31500	1.2	117.2	-40	3.1
31510	0.8	117.1	-40	3.4
31520	5.3	117.1	-40	5.3
31530	1.9	117.0	-40	7.9
31540	1.8	116.9	-39	9.5
31550	5.2	116.8	-39	10.6
31560	3.8	116.7	-39	11.9
31570	2.2	116.6	-39	14.1
31580	4.5	116.4	-39	14.1
31590	4.2	116.3	-39	15.9
31600	3.1	116.1	-39	22.0
31610	4.5	115.9	-38	21.8
31620	4.5	115.6	-38	21.8
31630	3.4	115.3	-38	29.2
31640	4.3	115.1	-38	28.4
31650	4.7	114.8	-37	27.6
31660	3.9	114.4	-37	36.7
31670	4.2	114.1	-37	39.1
31680	4.5	113.7	-36	41.2
31690	4.2	113.3	-36	39.9
31700	4.3	112.9	-35	38.0
31710	4.7	112.5	-35	49.2
31720	4.6	112.0	-35	51.3
31730	4.6	111.5	-34	54.3
31740	4.9	111.0	-34	57.2
31750	4.3	110.4	-33	59.9
31760	3.9	109.9	-32	61.7
31770	4.3	109.3	-32	64.6
31780	4.7	108.7	-31	67.0
31790	4.5	108.1	-31	69.7
31800	4.5	107.4	-30	72.1

31810	4.5	106.7	-29	74.8
31820	4.6	106.0	-29	77.2
31830	4.9	105.3	-28	79.6
31840	4.6	104.6	-27	75.0
31850	4.3	103.8	-26	77.2
31860	4.7	103.0	-26	79.6
31870	4.7	102.2	-25	81.9
31880	4.7	101.4	-24	84.3
31890	5.0	100.5	-23	87.0
31900	4.3	99.6	-22	89.4
31910	4.9	98.7	-21	91.8
31920	5.2	97.8	-20	94.2
31930	4.6	96.8	-19	96.6
31940	4.7	95.8	-18	99.3
31950	5.0	94.8	-17	101.6
31960	4.7	93.8	-16	104.0
31970	4.7	92.7	-15	106.4
31980	4.9	91.6	-14	108.6
31990	4.5	90.5	-13	111.0
32000	5.0	89.4	-12	113.1
32010	5.6	88.3	-11	115.5
32020	4.9	87.1	-10	118.2
32030	5.0	85.9	-8	120.5
32040	5.8	84.7	-7	123.2
32050	5.2	83.4	-6	125.6
32060	5.2	82.1	-5	128.3
32070	5.6	80.8	-3	130.7
32080	5.2	79.5	-2	133.3
32090	5.0	78.1	-1	135.5
32100	4.7	76.8	1	137.9
32110	5.3	75.4	2	140.0
32120	5.3	74.0	3	142.6
32130	4.6	72.5	5	144.8
32140	13.8	71.2	6	134.7
32150	19.7	70.0	7	107.2
32160	12.3	68.9	9	104.8
32170	12.5	67.9	10	92.1
32180	15.3	67.1	10	73.4
32190	11.3	66.3	11	71.8
32200	10.6	65.7	12	63.0
32210	11.8	65.1	12	50.0
32220	8.7	64.6	13	49.2
32230	6.9	64.2	13	43.1
32240	7.3	63.7	14	41.5
32250	6.6	63.4	14	33.2
32260	5.6	63.1	14	29.2
32270	5.6	62.8	15	28.2
32280	5.3	62.6	15	22.8
32290	4.6	62.4	15	20.2
32300	4.1	62.2	15	19.7
32310	3.4	62.1	15	15.7
32320	2.2	61.9	16	13.8
32330	0.9	61.8	16	13.0
32340	0.1	61.7	16	10.6

32350	0.0	61.6	16	10.1
32360	0.0	61.5	16	8.7
32370	-0.3	61.4	16	7.1
32380	-1.4	61.4	16	6.3
32390	-11.3	61.3	16	3.9
32400	-2.8	61.3	16	-0.7
32410	-2.3	61.3	16	-1.0
32420	-9.2	61.3	16	-3.1
32430	-5.6	61.4	16	-6.9
32440	-4.3	61.5	16	-8.7
32450	-8.1	61.6	16	-11.4
32460	-8.1	61.8	16	-14.9
32470	-6.0	62.0	15	-21.0
32480	-8.7	62.2	15	-24.2
32490	-8.9	62.5	15	-25.8
32500	-6.9	62.8	15	-37.0
32510	-8.5	63.2	14	-37.2
32520	-9.5	63.6	14	-37.8
32530	-8.5	64.0	13	-42.3
32540	-8.8	64.6	13	-56.4
32550	-9.4	65.1	12	-55.9
32560	-8.5	65.7	12	-54.8
32570	-8.4	66.4	11	-72.1
32580	-8.9	67.0	10	-70.0
32590	-8.8	67.7	10	-67.0
32600	-8.1	68.5	9	-71.3
32610	-8.4	69.4	8	-92.1
32620	-8.9	70.3	7	-96.3
32630	-8.9	71.1	6	-83.0
32640	-8.4	72.1	5	-87.5
32650	-8.4	73.1	4	-101.1
32660	-8.7	74.2	3	-105.9
32670	-7.5	75.3	2	-110.2
32680	-7.7	76.4	1	-113.9
32690	-7.9	77.6	0	-118.2
32700	-7.2	78.8	-1	-122.1
32710	-7.3	80.0	-3	-126.4
32720	-6.6	81.3	-4	-129.9
32730	-6.6	82.7	-5	-133.6
32740	-6.5	84.0	-7	-136.5
32750	-6.2	85.4	-8	-140.0
32760	-7.2	86.8	-9	-142.9
32770	-6.1	88.3	-11	-146.4
32780	-7.2	89.8	-12	-149.6
32790	-6.8	91.3	-14	-153.0
32800	-7.5	92.8	-15	-156.5
32810	-6.9	94.4	-17	-159.7
32820	-8.3	96.1	-19	-163.4
32830	-7.9	97.7	-20	-167.1
32840	-7.7	99.4	-22	-171.4
32850	-9.2	101.2	-24	-175.1
32860	-8.4	103.0	-26	-179.4
32870	-8.7	104.8	-27	-183.6
32880	-10.7	106.6	-29	-201.2

32890	-29.3	108.2	-31	-157.3
32900	-27.0	109.6	-32	-146.6
32910	-21.3	110.8	-33	-113.4
32920	-18.6	111.8	-34	-95.5
32930	-20.6	112.6	-35	-88.6
32940	-18.6	113.3	-36	-68.9
32950	-16.7	113.9	-36	-63.6
32960	-13.6	114.4	-37	-49.2
32970	-11.8	114.9	-37	-45.2
32980	-10.2	115.2	-38	-34.8
32990	-8.3	115.5	-38	-26.8
33000	-6.1	115.8	-38	-27.1
33010	-5.2	116.0	-39	-21.0
33020	-6.1	116.2	-39	-17.8
33030	-6.8	116.4	-39	-13.8
33040	-4.3	116.5	-39	-12.7
33050	-2.4	116.6	-39	-10.6
33060	-1.9	116.7	-39	-9.8
33070	-1.1	116.8	-39	-7.7
33080	0.0	116.9	-39	-5.8
33090	0.1	116.9	-39	-5.5
33100	0.1	117.0	-40	-4.5
33110	0.7	117.0	-40	-3.4
33120	0.9	117.0	-40	-2.9
33130	7.2	117.1	-40	-1.8
33140	6.5	117.1	-40	1.3
33150	0.9	117.0	-40	3.9
33160	2.8	117.0	-40	4.7
33170	6.1	116.9	-39	5.8
33180	3.3	116.8	-39	8.7
33190	3.3	116.7	-39	10.3
33200	6.1	116.6	-39	14.9
33210	4.6	116.4	-39	16.5
33220	3.9	116.2	-39	17.0
33230	5.6	116.0	-39	23.1
33240	5.0	115.8	-38	23.9
33250	4.5	115.6	-38	24.2
33260	5.7	115.2	-38	32.4
33270	5.6	114.9	-37	35.1
33280	5.0	114.6	-37	38.8
33290	5.6	114.2	-37	42.0
33300	5.4	113.8	-36	44.9
33310	5.0	113.4	-36	48.1

ISOK_EXERC_ER/IR_300_R_SIDE
01/07
Set #5

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	1.1	105.0	-28	40.4
10	6.9	104.6	-27	41.2
20	8.1	104.2	-27	44.7
30	4.9	103.7	-26	49.2
40	4.6	103.2	-26	52.1
50	5.3	102.6	-25	54.3
60	6.9	102.1	-25	57.2
70	5.6	101.5	-24	61.2
80	4.1	100.8	-23	63.8
90	4.3	100.2	-23	66.2
100	5.6	99.5	-22	68.6
110	5.3	98.8	-21	71.6
120	5.3	98.0	-21	74.5
130	5.7	97.3	-20	77.4
140	5.6	96.5	-19	80.3
150	5.6	95.7	-18	83.5
160	5.6	94.8	-17	86.7
170	5.2	93.9	-16	89.7
180	5.0	93.0	-16	92.3
190	5.6	92.0	-15	95.0
200	4.7	91.1	-14	97.4
210	4.7	90.1	-13	99.8
220	6.0	89.1	-12	102.4
230	5.8	88.0	-11	105.4
240	5.7	86.9	-9	108.3
250	6.1	85.8	-8	111.2
260	6.1	84.7	-7	114.4
270	5.8	83.5	-6	117.1
280	6.0	82.3	-5	120.3
290	5.4	81.1	-4	123.2
300	5.7	79.9	-2	125.9
310	6.0	78.6	-1	128.8
320	5.2	77.3	0	131.7
330	5.6	75.9	2	134.1
340	6.6	74.6	3	137.3
350	5.4	73.2	4	140.2
360	8.4	71.8	6	125.1
370	20.2	70.5	7	135.2
380	17.4	69.4	8	109.4
390	12.7	68.4	9	96.1
400	14.4	67.5	10	93.7
410	14.1	66.8	11	75.8
420	14.2	66.1	11	72.9
430	13.7	65.5	12	59.1
440	10.6	64.9	13	52.4
450	9.4	64.5	13	46.0
460	10.2	64.0	13	44.7
470	10.2	63.7	14	36.2
480	9.1	63.3	14	31.9

490	8.9	63.1	14	28.2
500	9.4	62.8	15	22.3
510	9.1	62.6	15	22.0
520	9.1	62.4	15	19.7
530	8.7	62.2	15	15.7
540	8.0	62.0	15	15.7
550	7.7	61.9	16	14.9
560	6.8	61.8	16	11.9
570	5.8	61.7	16	10.6
580	5.4	61.6	16	8.2
590	4.7	61.5	16	7.9
600	3.7	61.4	16	6.3
610	3.0	61.3	16	6.3
620	2.0	61.3	16	6.1
630	0.9	61.2	16	4.7
640	0.1	61.2	16	4.5
650	0.0	61.2	16	3.9
660	-0.4	61.1	16	3.1
670	-0.8	61.1	16	2.9
680	-2.4	61.1	16	2.3
690	-12.6	61.1	16	-0.5
700	-4.1	61.1	16	-5.8
710	-2.8	61.2	16	-7.4
720	-9.1	61.3	16	-8.7
730	-7.9	61.4	16	-12.5
740	-6.5	61.6	16	-16.2
750	-7.7	61.8	16	-23.6
760	-7.5	62.0	15	-28.2
770	-7.1	62.3	15	-29.2
780	-8.4	62.6	15	-30.0
790	-7.9	63.0	14	-41.7
800	-7.6	63.4	14	-42.3
810	-8.7	63.8	14	-41.7
820	-8.9	64.4	13	-55.1
830	-8.8	64.9	13	-61.2
840	-8.9	65.5	12	-60.1
850	-9.6	66.1	11	-58.5
860	-10.0	66.8	11	-77.4
870	-10.0	67.5	10	-75.0
880	-10.3	68.3	9	-72.4
890	-10.6	69.2	8	-77.4
900	-10.4	70.1	7	-100.6
910	-11.3	71.1	6	-106.4
920	-11.1	72.1	5	-113.4
930	-10.8	73.2	4	-119.2
940	-11.5	74.3	3	-114.7
950	-10.6	75.5	2	-120.5
960	-10.8	76.7	1	-126.4
970	-10.8	78.1	-1	-132.5
980	-10.3	79.4	-2	-138.4
990	-9.6	80.9	-3	-143.7
1000	-9.6	82.3	-5	-148.8
1010	-9.6	83.9	-6	-153.6
1020	-9.1	85.4	-8	-158.9

1030	-10.0	87.0	-10	-163.1
1040	-9.1	88.7	-11	-168.2
1050	-8.9	90.4	-13	-173.0
1060	-8.9	92.2	-15	-177.3
1070	-8.5	94.0	-17	-181.5
1080	-9.6	95.9	-18	-186.0
1090	-8.9	97.8	-20	-190.6
1100	-7.3	99.7	-22	-195.1
1110	-8.0	101.7	-24	-198.8
1120	-8.3	103.7	-26	-202.5
1130	-8.8	105.6	-28	-185.5
1140	-23.3	107.6	-30	-169.0
1150	-35.0	109.3	-32	-157.8
1160	-29.4	110.7	-33	-130.1
1170	-18.2	111.8	-34	-107.8
1180	-22.5	112.7	-35	-89.7
1190	-22.1	113.5	-36	-74.5
1200	-17.9	114.1	-37	-55.3
1210	-15.5	114.7	-37	-55.6
1220	-16.8	115.1	-38	-37.8
1230	-14.0	115.5	-38	-35.1
1240	-11.8	115.8	-38	-26.0
1250	-11.3	116.0	-39	-26.3
1260	-10.8	116.2	-39	-17.8
1270	-10.0	116.4	-39	-16.5
1280	-9.9	116.6	-39	-12.2
1290	-9.2	116.7	-39	-12.7
1300	-8.0	116.8	-39	-9.3
1310	-6.6	116.9	-39	-6.9
1320	-5.8	116.9	-39	-6.9
1330	-4.1	117.0	-40	-5.0
1340	-2.2	117.0	-40	-3.9
1350	-1.2	117.1	-40	-3.1
1360	-0.5	117.1	-40	-2.9
1370	0.0	117.1	-40	-2.1
1380	0.1	117.1	-40	-2.1
1390	0.4	117.2	-40	-1.8
1400	0.5	117.2	-40	-1.3
1410	0.7	117.2	-40	-0.7
1420	0.8	117.2	-40	-0.2
1430	2.6	117.2	-40	0.2
1440	8.1	117.2	-40	1.3
1450	2.6	117.1	-40	5.5
1460	2.2	117.1	-40	6.6
1470	4.7	117.0	-40	7.4
1480	4.2	116.9	-39	9.5
1490	4.5	116.8	-39	11.1
1500	4.6	116.7	-39	13.3
1510	4.6	116.5	-39	15.4
1520	4.9	116.3	-39	17.5
1530	5.0	116.1	-39	20.4
1540	4.5	115.9	-38	22.3
1550	5.2	115.6	-38	30.3
1560	5.8	115.3	-38	30.0

1570	5.6	115.0	-38	29.8
1580	5.4	114.6	-37	39.9
1590	5.7	114.2	-37	39.1
1600	5.8	113.8	-36	37.8
1610	5.8	113.4	-36	49.5
1620	5.3	112.9	-35	47.9
1630	5.2	112.4	-35	45.7
1640	5.7	111.9	-34	48.1
1650	5.6	111.3	-34	62.2
1660	5.3	110.7	-33	65.2
1670	5.4	110.1	-33	62.0
1680	5.6	109.5	-32	58.5
1690	5.7	108.8	-31	60.9
1700	5.6	108.1	-31	63.3
1710	5.7	107.4	-30	66.0
1720	5.3	106.6	-29	68.6
1730	4.9	105.8	-28	71.0
1740	4.9	105.0	-28	81.4
1750	4.5	104.2	-27	84.1
1760	5.0	103.3	-26	86.5
1770	4.6	102.4	-25	88.6
1780	4.5	101.5	-24	91.3
1790	4.7	100.6	-23	93.4
1800	4.6	99.6	-22	95.8
1810	4.9	98.7	-21	98.2
1820	4.7	97.7	-20	100.6
1830	4.9	96.6	-19	103.0
1840	4.6	95.6	-18	105.4
1850	5.3	94.5	-17	107.8
1860	5.0	93.4	-16	110.4
1870	5.0	92.3	-15	112.8
1880	5.3	91.1	-14	115.2
1890	5.3	90.0	-13	117.9
1900	5.6	88.8	-11	120.0
1910	5.3	87.6	-10	122.9
1920	5.2	86.3	-9	125.3
1930	5.3	85.0	-8	128.0
1940	5.2	83.7	-6	130.7
1950	5.4	82.4	-5	133.1
1960	5.3	81.1	-4	135.5
1970	5.4	79.7	-2	138.1
1980	5.4	78.3	-1	140.5
1990	4.6	76.9	1	143.2
2000	5.4	75.4	2	145.3
2010	5.7	73.9	4	148.0
2020	4.7	72.5	5	135.5
2030	15.7	71.1	6	124.0
2040	21.2	69.8	8	122.1
2050	14.4	68.7	9	95.8
2060	13.3	67.7	10	93.4
2070	15.1	66.9	11	82.5
2080	13.0	66.1	11	71.6
2090	13.6	65.5	12	63.0
2100	12.6	64.9	13	55.6

2110	9.5	64.4	13	48.7
2120	9.1	64.0	13	42.5
2130	9.6	63.6	14	33.5
2140	8.8	63.3	14	32.4
2150	8.1	63.0	14	28.4
2160	8.7	62.7	15	22.6
2170	8.4	62.5	15	22.0
2180	8.1	62.3	15	17.5
2190	8.1	62.1	15	17.0
2200	7.1	61.9	16	16.5
2210	6.0	61.8	16	13.0
2220	4.9	61.7	16	11.4
2230	3.7	61.6	16	10.9
2240	2.8	61.5	16	8.5
2250	1.8	61.4	16	7.4
2260	0.9	61.3	16	5.8
2270	0.0	61.3	16	5.5
2280	0.0	61.2	16	5.0
2290	0.0	61.2	16	4.2
2300	-0.4	61.2	16	3.7
2310	-0.8	61.1	16	2.9
2320	-3.7	61.1	16	2.3
2330	-9.2	61.1	16	-0.5
2340	-2.3	61.1	16	-4.2
2350	-2.3	61.2	16	-5.5
2360	-7.7	61.2	16	-7.4
2370	-5.7	61.3	16	-10.1
2380	-4.5	61.4	16	-12.2
2390	-7.3	61.6	16	-17.8
2400	-6.2	61.8	16	-21.0
2410	-5.2	62.0	15	-25.0
2420	-6.9	62.3	15	-25.8
2430	-6.8	62.6	15	-32.2
2440	-5.6	62.9	15	-33.0
2450	-6.9	63.2	14	-32.7
2460	-7.6	63.6	14	-44.1
2470	-6.9	64.0	13	-43.9
2480	-7.2	64.5	13	-42.5
2490	-8.3	65.0	12	-56.1
2500	-7.5	65.5	12	-55.1
2510	-7.5	66.1	11	-53.7
2520	-8.8	66.8	11	-70.0
2530	-8.7	67.4	10	-74.8
2540	-8.5	68.2	9	-79.6
2550	-9.1	68.9	9	-77.2
2560	-9.2	69.7	8	-73.7
2570	-9.6	70.5	7	-77.7
2580	-9.2	71.4	6	-82.5
2590	-9.4	72.4	5	-87.0
2600	-9.2	73.4	4	-101.1
2610	-9.5	74.5	3	-106.4
2620	-8.8	75.6	2	-111.2
2630	-9.4	76.7	1	-116.0
2640	-9.6	77.9	0	-121.3

2650	-9.1	79.2	-2	-125.9
2660	-9.1	80.5	-3	-131.2
2670	-9.1	81.8	-4	-135.7
2680	-9.2	83.2	-6	-141.0
2690	-9.5	84.7	-7	-145.3
2700	-9.2	86.2	-9	-150.4
2710	-9.8	87.7	-10	-155.2
2720	-9.6	89.3	-12	-160.2
2730	-8.8	90.9	-13	-165.3
2740	-9.9	92.6	-15	-169.8
2750	-8.9	94.4	-17	-174.6
2760	-9.6	96.1	-19	-179.1
2770	-9.6	98.0	-21	-183.9
2780	-7.9	99.8	-22	-188.2
2790	-8.5	101.8	-24	-192.7
2800	-8.5	103.7	-26	-196.4
2810	-9.4	105.6	-28	-180.4
2820	-23.9	107.5	-30	-164.2
2830	-34.4	109.1	-32	-154.6
2840	-29.0	110.5	-33	-116.0
2850	-18.8	111.6	-34	-107.2
2860	-22.9	112.6	-35	-89.4
2870	-22.9	113.3	-36	-67.3
2880	-18.6	114.0	-37	-62.5
2890	-15.7	114.5	-37	-51.9
2900	-17.2	115.0	-38	-43.6
2910	-14.6	115.4	-38	-39.6
2920	-12.3	115.7	-38	-30.3
2930	-11.7	116.0	-39	-22.6
2940	-11.4	116.2	-39	-21.0
2950	-10.3	116.4	-39	-15.7
2960	-10.0	116.5	-39	-14.6
2970	-9.6	116.6	-39	-10.9
2980	-8.8	116.8	-39	-11.1
2990	-7.6	116.8	-39	-8.5
3000	-6.6	116.9	-39	-6.3
3010	-5.2	117.0	-40	-6.1
3020	-3.5	117.0	-40	-4.5
3030	-2.8	117.1	-40	-3.7
3040	-2.0	117.1	-40	-3.1
3050	-1.4	117.1	-40	-2.3
3060	-0.7	117.1	-40	-2.1
3070	-0.7	117.2	-40	-1.5
3080	-0.8	117.2	-40	-1.3
3090	-0.4	117.2	-40	-1.0
3100	0.0	117.2	-40	-1.0
3110	0.3	117.2	-40	-0.7
3120	0.5	117.2	-40	-0.5
3130	0.8	117.2	-40	-0.2
3140	0.8	117.2	-40	-0.2
3150	1.5	117.2	-40	0.7
3160	9.9	117.2	-40	1.3
3170	3.1	117.2	-40	6.1
3180	0.3	117.1	-40	7.9

3190	5.0	117.0	-40	8.7
3200	4.1	116.9	-39	10.9
3210	3.4	116.8	-39	13.8
3220	4.5	116.7	-39	15.7
3230	4.3	116.5	-39	18.6
3240	4.1	116.3	-39	21.0
3250	5.3	116.1	-39	23.6
3260	4.9	115.9	-38	23.9
3270	4.6	115.6	-38	24.2
3280	5.2	115.3	-38	32.2
3290	5.2	115.0	-38	31.9
3300	5.0	114.7	-37	31.4
3310	5.2	114.3	-37	41.2
3320	5.2	113.9	-36	43.6
3330	5.3	113.5	-36	46.8
3340	5.2	113.0	-36	45.5
3350	5.2	112.6	-35	43.1
3360	5.2	112.0	-35	55.9
3370	5.0	111.5	-34	58.5
3380	4.9	111.0	-34	55.9
3390	5.2	110.4	-33	52.7
3400	5.0	109.8	-32	54.8
3410	4.9	109.2	-32	57.2
3420	5.3	108.5	-31	59.6
3430	5.4	107.8	-30	61.7
3440	5.2	107.1	-30	64.6
3450	5.3	106.4	-29	67.0
3460	5.3	105.6	-28	68.9
3470	5.3	104.8	-27	79.6
3480	5.0	104.0	-27	81.9
3490	5.3	103.2	-26	84.9
3500	5.2	102.3	-25	87.3
3510	5.0	101.4	-24	89.9
3520	4.9	100.5	-23	92.6
3530	5.0	99.5	-22	95.0
3540	5.4	98.6	-21	97.7
3550	5.0	97.6	-20	100.3
3560	5.3	96.5	-19	103.0
3570	4.7	95.5	-18	105.6
3580	5.3	94.4	-17	108.0
3590	5.2	93.3	-16	110.7
3600	4.7	92.2	-15	113.1
3610	4.7	91.0	-14	115.5
3620	5.0	89.9	-12	117.9
3630	5.6	88.7	-11	120.3
3640	5.2	87.4	-10	122.9
3650	4.7	86.2	-9	125.6
3660	5.3	84.9	-7	127.7
3670	4.7	83.6	-6	130.1
3680	4.9	82.3	-5	132.5
3690	5.2	81.0	-4	134.9
3700	5.2	79.6	-2	137.3
3710	4.9	78.2	-1	139.7
3720	4.3	76.8	1	142.1

3730	5.2	75.4	2	144.0
3740	5.3	73.9	4	146.4
3750	4.5	72.4	5	148.5
3760	15.6	71.1	6	122.1
3770	20.3	69.8	8	120.5
3780	13.8	68.7	9	94.7
3790	13.3	67.8	10	92.6
3800	14.6	66.9	11	89.4
3810	12.5	66.2	11	71.3
3820	13.3	65.6	12	62.8
3830	12.1	65.0	12	55.1
3840	9.1	64.5	13	48.4
3850	8.5	64.0	13	42.3
3860	8.9	63.6	14	40.9
3870	7.7	63.3	14	32.7
3880	6.8	63.0	14	28.7
3890	7.1	62.8	15	25.2
3900	6.4	62.5	15	19.7
3910	6.0	62.3	15	19.4
3920	5.8	62.1	15	18.9
3930	4.9	62.0	15	15.4
3940	4.3	61.9	16	13.0
3950	3.5	61.7	16	12.7
3960	2.7	61.6	16	10.1
3970	2.3	61.5	16	9.3
3980	1.4	61.5	16	7.7
3990	0.3	61.4	16	6.6
4000	0.0	61.3	16	5.0
4010	0.0	61.3	16	5.8
4020	-0.4	61.2	16	4.7
4030	-0.9	61.2	16	3.4
4040	-6.6	61.2	16	2.9
4050	-5.7	61.2	16	-1.0
4060	-1.8	61.2	16	-2.9
4070	-4.1	61.2	16	-3.7
4080	-6.1	61.3	16	-6.3
4090	-3.8	61.4	16	-9.5
4100	-5.3	61.5	16	-11.1
4110	-6.9	61.6	16	-12.5
4120	-5.2	61.7	16	-15.4
4130	-6.2	62.0	15	-22.3
4140	-7.6	62.2	15	-23.4
4150	-6.5	62.4	15	-24.4
4160	-6.8	62.7	15	-34.0
4170	-8.3	63.1	14	-34.3
4180	-7.9	63.4	14	-35.1
4190	-7.6	63.9	14	-47.6
4200	-8.8	64.3	13	-47.1
4210	-8.9	64.8	13	-46.5
4220	-8.5	65.4	12	-62.2
4230	-9.2	66.0	11	-60.9
4240	-10.2	66.6	11	-59.3
4250	-9.8	67.4	10	-78.2
4260	-10.3	68.1	9	-76.4

4270	-11.0	68.9	9	-73.7
4280	-10.3	69.8	8	-96.1
4290	-11.4	70.7	7	-102.2
4300	-11.5	71.7	6	-108.8
4310	-10.7	72.7	5	-115.2
4320	-11.3	73.8	4	-110.4
4330	-11.1	75.0	2	-116.8
4340	-11.1	76.2	1	-122.7
4350	-11.3	77.4	0	-128.8
4360	-11.8	78.8	-1	-134.7
4370	-10.7	80.2	-3	-141.3
4380	-10.0	81.6	-4	-146.6
4390	-10.2	83.1	-6	-152.2
4400	-10.3	84.7	-7	-157.3
4410	-9.9	86.3	-9	-162.6
4420	-9.8	88.0	-11	-167.9
4430	-10.0	89.7	-12	-172.7
4440	-8.4	91.4	-14	-177.8
4450	-9.4	93.3	-16	-182.3
4460	-9.6	95.1	-18	-186.3
4470	-8.5	97.0	-20	-191.4
4480	-7.9	99.0	-22	-195.6
4490	-8.1	101.0	-24	-199.6
4500	-8.1	103.0	-26	-203.1
4510	-8.4	105.0	-28	-206.8
4520	-13.4	107.0	-30	-180.4
4530	-33.8	108.7	-31	-168.5
4540	-32.8	110.2	-33	-125.6
4550	-18.2	111.4	-34	-115.2
4560	-20.9	112.5	-35	-104.3
4570	-23.6	113.3	-36	-79.3
4580	-17.9	113.9	-36	-65.7
4590	-13.3	114.5	-37	-48.4
4600	-16.0	115.0	-38	-44.7
4610	-13.6	115.4	-38	-37.0
4620	-10.7	115.7	-38	-33.5
4630	-9.6	116.0	-39	-25.2
4640	-10.2	116.2	-39	-21.0
4650	-9.4	116.4	-39	-15.7
4660	-9.1	116.5	-39	-15.9
4670	-9.2	116.6	-39	-11.9
4680	-8.8	116.7	-39	-9.0
4690	-6.9	116.8	-39	-9.0
4700	-6.4	116.9	-39	-6.6
4710	-5.4	117.0	-40	-4.7
4720	-3.9	117.0	-40	-5.0
4730	-3.0	117.0	-40	-3.9
4740	-2.4	117.1	-40	-3.1
4750	-1.8	117.1	-40	-2.6
4760	-0.9	117.1	-40	-2.1
4770	-0.9	117.1	-40	-2.1
4780	-1.1	117.2	-40	-1.5
4790	-0.7	117.2	-40	-1.3
4800	0.0	117.2	-40	-1.0

4810	0.3	117.2	-40	-0.7
4820	0.5	117.2	-40	-0.5
4830	0.8	117.2	-40	0.0
4840	0.8	117.2	-40	0.2
4850	1.8	117.2	-40	0.5
4860	9.8	117.2	-40	1.8
4870	3.8	117.1	-40	5.0
4880	0.1	117.1	-40	6.9
4890	5.0	117.0	-40	7.4
4900	4.3	116.9	-39	9.3
4910	3.3	116.8	-39	11.4
4920	4.7	116.6	-39	13.0
4930	4.6	116.5	-39	15.4
4940	3.9	116.3	-39	21.2
4950	5.4	116.1	-39	21.8
4960	5.4	115.8	-38	24.4
4970	5.0	115.5	-38	25.0
4980	5.6	115.2	-38	33.5
4990	5.4	114.9	-37	33.2
5000	5.3	114.6	-37	32.4
5010	5.6	114.2	-37	42.8
5020	5.4	113.8	-36	41.7
5030	5.3	113.3	-36	40.4
5040	5.0	112.8	-35	52.4
5050	4.9	112.4	-35	50.3
5060	5.0	111.8	-34	52.9
5070	4.9	111.3	-34	50.0
5080	4.6	110.7	-33	52.1
5090	4.9	110.1	-33	55.3
5100	5.3	109.5	-32	56.7
5110	5.3	108.8	-31	58.8
5120	5.0	108.2	-31	61.2
5130	5.6	107.5	-30	63.8
5140	5.7	106.7	-29	66.5
5150	5.8	106.0	-29	68.9
5160	5.6	105.2	-28	79.6
5170	5.3	104.3	-27	82.5
5180	5.8	103.5	-26	85.1
5190	6.0	102.6	-25	88.1
5200	5.3	101.7	-24	91.3
5210	6.0	100.8	-23	93.9
5220	6.0	99.8	-22	97.1
5230	5.8	98.8	-21	100.0
5240	6.2	97.8	-20	103.5
5250	6.4	96.7	-19	106.4
5260	6.1	95.7	-18	109.6
5270	6.0	94.5	-17	112.6
5280	6.1	93.4	-16	115.8
5290	6.0	92.2	-15	119.2
5300	6.2	91.0	-14	121.9
5310	6.1	89.7	-12	125.3
5320	6.5	88.5	-11	128.3
5330	6.5	87.2	-10	131.7
5340	6.9	85.8	-8	135.2

5350	6.9	84.4	-7	138.4
5360	6.8	83.0	-6	141.8
5370	6.5	81.6	-4	145.3
5380	7.5	80.1	-3	148.5
5390	6.9	78.6	-1	152.2
5400	6.1	77.0	0	155.7
5410	6.9	75.5	2	158.4
5420	7.2	73.9	4	161.5
5430	6.5	72.3	5	148.2
5440	21.2	70.8	7	132.8
5450	25.2	69.4	8	129.3
5460	16.7	68.2	9	121.9
5470	16.4	67.3	10	96.3
5480	17.2	66.4	11	83.5
5490	15.7	65.7	12	72.1
5500	16.4	65.0	12	56.4
5510	14.0	64.4	13	54.3
5520	10.4	64.0	13	46.5
5530	10.4	63.5	14	40.4
5540	10.3	63.2	14	31.1
5550	8.8	62.9	15	29.8
5560	8.1	62.6	15	25.8
5570	8.3	62.4	15	20.4
5580	7.7	62.2	15	19.4
5590	7.3	62.0	15	18.9
5600	7.3	61.8	16	14.6
5610	6.2	61.7	16	13.8
5620	5.3	61.6	16	9.8
5630	4.7	61.5	16	9.0
5640	3.7	61.4	16	7.1
5650	2.8	61.3	16	6.9
5660	2.3	61.3	16	6.1
5670	1.8	61.2	16	4.7
5680	0.9	61.2	16	4.2
5690	0.0	61.1	16	3.4
5700	0.0	61.1	16	3.1
5710	0.0	61.1	16	2.9
5720	-0.5	61.0	16	2.3
5730	-0.8	61.0	16	2.1
5740	-1.9	61.0	16	1.3
5750	-8.3	61.0	16	-0.7
5760	-2.6	61.0	16	-3.4
5770	-1.4	61.1	16	-4.5
5780	-7.1	61.1	16	-5.5
5790	-5.3	61.2	16	-8.2
5800	-4.2	61.3	16	-10.6
5810	-7.2	61.5	16	-15.7
5820	-6.9	61.6	16	-17.8
5830	-5.6	61.8	16	-21.2
5840	-7.7	62.1	15	-22.0
5850	-8.1	62.4	15	-31.4
5860	-6.6	62.7	15	-32.7
5870	-8.3	63.0	14	-33.0
5880	-9.5	63.4	14	-45.2

5890	-8.7	63.9	14	-50.0
5900	-9.5	64.4	13	-56.1
5910	-10.8	64.9	13	-55.9
5920	-10.3	65.5	12	-55.3
5930	-10.2	66.2	11	-61.7
5940	-11.3	66.9	11	-65.4
5950	-11.0	67.7	10	-86.2
5960	-10.0	68.5	9	-92.6
5970	-10.2	69.4	8	-89.9
5980	-10.2	70.3	7	-85.1
5990	-10.3	71.3	6	-90.5
6000	-9.4	72.3	5	-95.3
6010	-9.5	73.5	4	-110.4
6020	-10.3	74.6	3	-115.8
6030	-9.4	75.8	2	-120.8
6040	-9.9	77.1	0	-126.1
6050	-10.7	78.4	-1	-131.2
6060	-9.5	79.7	-2	-136.8
6070	-9.2	81.1	-4	-141.8
6080	-9.5	82.6	-5	-146.9
6090	-9.8	84.1	-7	-151.7
6100	-8.9	85.6	-8	-156.8
6110	-11.0	87.2	-10	-161.3
6120	-10.4	88.9	-11	-166.9
6130	-10.0	90.6	-13	-172.5
6140	-10.6	92.4	-15	-177.5
6150	-10.3	94.2	-17	-182.8
6160	-11.3	96.1	-19	-188.4
6170	-10.3	98.0	-21	-193.5
6180	-8.9	100.0	-23	-198.6
6190	-9.4	102.0	-25	-203.3
6200	-9.5	104.0	-27	-208.1
6210	-9.8	106.2	-29	-212.1
6220	-31.3	108.0	-31	-166.6
6230	-38.6	109.6	-32	-154.9
6240	-26.8	111.0	-34	-140.0
6250	-21.0	112.1	-35	-104.6
6260	-27.9	113.0	-36	-86.7
6270	-25.0	113.7	-36	-72.1
6280	-18.2	114.4	-37	-52.9
6290	-17.4	114.9	-37	-48.4
6300	-18.0	115.3	-38	-44.1
6310	-15.3	115.6	-38	-33.2
6320	-12.9	115.9	-38	-24.7
6330	-13.2	116.2	-39	-24.7
6340	-11.5	116.4	-39	-18.6
6350	-10.4	116.5	-39	-16.7
6360	-10.6	116.7	-39	-12.7
6370	-11.1	116.8	-39	-9.5
6380	-9.8	116.9	-39	-9.5
6390	-8.7	116.9	-39	-6.9
6400	-7.6	117.0	-40	-5.3
6410	-6.0	117.0	-40	-4.7
6420	-4.1	117.1	-40	-3.9

6430	-2.8	117.1	-40	-3.1
6440	-1.8	117.1	-40	-2.6
6450	-1.2	117.2	-40	-1.8
6460	-0.9	117.2	-40	-1.8
6470	-1.1	117.2	-40	-1.5
6480	-1.1	117.2	-40	-0.7
6490	-0.5	117.2	-40	-0.7
6500	0.0	117.2	-40	-0.7
6510	0.3	117.2	-40	-0.2
6520	0.5	117.2	-40	-0.2
6530	0.7	117.2	-40	0.0
6540	0.8	117.2	-40	-0.2
6550	0.8	117.2	-40	0.5
6560	2.2	117.2	-40	0.2
6570	8.5	117.2	-40	2.6
6580	2.2	117.2	-40	5.3
6590	0.5	117.1	-40	6.6
6600	5.4	117.0	-40	7.1
6610	3.8	116.9	-39	9.5
6620	2.4	116.8	-39	13.8
6630	5.4	116.7	-39	15.4
6640	4.7	116.5	-39	16.5
6650	3.5	116.3	-39	17.0
6660	5.4	116.1	-39	19.1
6670	5.2	115.9	-38	26.3
6680	4.9	115.6	-38	27.1
6690	6.0	115.3	-38	26.6
6700	5.2	115.0	-38	35.9
6710	4.7	114.6	-37	39.1
6720	5.8	114.3	-37	42.0
6730	6.0	113.9	-36	45.2
6740	5.6	113.4	-36	43.9
6750	5.6	113.0	-36	42.3
6760	5.6	112.5	-35	55.1
6770	5.6	112.0	-35	52.9
6780	6.0	111.4	-34	55.9
6790	5.8	110.8	-33	52.9
6800	5.6	110.2	-33	55.6
6810	5.6	109.6	-32	71.3
6820	6.0	108.9	-31	74.5
6830	5.7	108.2	-31	77.7
6840	5.8	107.5	-30	80.9
6850	5.6	106.7	-29	84.3
6860	5.4	105.9	-28	87.5
6870	5.6	105.1	-28	90.5
6880	5.0	104.2	-27	85.1
6890	5.4	103.4	-26	88.1
6900	5.8	102.5	-25	90.7
6910	5.6	101.5	-24	93.9
6920	5.7	100.6	-23	96.6
6930	5.3	99.6	-22	99.5
6940	5.6	98.6	-21	102.4
6950	5.7	97.5	-20	105.4
6960	5.3	96.4	-19	108.3

6970	4.9	95.3	-18	110.7
6980	5.0	94.2	-17	113.4
6990	5.4	93.1	-16	115.8
7000	5.2	91.9	-14	118.2
7010	4.9	90.7	-13	120.8
7020	5.3	89.5	-12	122.9
7030	5.2	88.2	-11	125.6
7040	4.2	86.9	-9	128.3
7050	5.0	85.6	-8	130.4
7060	5.2	84.3	-7	132.3
7070	4.9	83.0	-6	134.7
7080	4.5	81.6	-4	137.1
7090	5.2	80.2	-3	139.2
7100	5.2	78.8	-1	141.3
7110	4.1	77.4	0	144.0
7120	4.2	75.9	2	145.6
7130	5.2	74.5	3	147.7
7140	4.3	73.0	4	149.8
7150	8.7	71.6	6	129.6
7160	20.5	70.2	7	140.2
7170	15.7	69.1	8	112.3
7180	11.1	68.1	9	97.7
7190	14.9	67.1	10	94.5
7200	12.9	66.4	11	75.6
7210	11.3	65.7	12	66.0
7220	12.5	65.1	12	58.3
7230	9.6	64.6	13	50.5
7240	7.6	64.1	13	39.9
7250	8.1	63.7	14	39.1
7260	7.6	63.4	14	34.0
7270	6.5	63.0	14	32.7
7280	7.2	62.8	15	26.3
7290	7.6	62.5	15	23.1
7300	7.1	62.3	15	18.3
7310	7.2	62.2	15	17.8
7320	6.9	62.0	15	14.1
7330	6.4	61.8	16	13.8
7340	5.6	61.7	16	13.0
7350	4.7	61.6	16	10.6
7360	4.2	61.5	16	9.8
7370	3.3	61.4	16	7.7
7380	2.8	61.4	16	7.7
7390	2.6	61.3	16	6.1
7400	2.0	61.2	16	5.8
7410	1.8	61.2	16	4.5
7420	1.6	61.2	16	3.4
7430	0.9	61.1	16	3.4
7440	0.3	61.1	16	2.9
7450	0.0	61.1	16	2.3
7460	0.0	61.0	16	2.1
7470	-0.4	61.0	16	1.8
7480	-0.7	61.0	16	1.5
7490	-0.9	61.0	16	1.0
7500	-3.9	61.0	16	0.2

7510	-8.0	61.0	16	-1.8
7520	-1.8	61.0	16	-5.8
7530	-2.7	61.1	16	-6.6
7540	-7.3	61.2	16	-8.7
7550	-4.3	61.3	16	-12.7
7560	-3.9	61.4	16	-15.4
7570	-6.8	61.6	16	-15.9
7580	-5.8	61.8	16	-17.5
7590	-3.8	62.0	15	-20.2
7600	-6.1	62.2	15	-24.2
7610	-6.6	62.5	15	-25.0
7620	-4.3	62.8	15	-34.3
7630	-5.7	63.1	14	-37.0
7640	-7.2	63.5	14	-36.7
7650	-5.6	63.9	14	-36.2
7660	-5.8	64.3	13	-43.3
7670	-7.3	64.7	13	-46.3
7680	-6.1	65.2	12	-44.9
7690	-5.0	65.8	12	-58.8
7700	-6.6	66.3	11	-55.9
7710	-6.6	66.9	11	-53.5
7720	-5.2	67.5	10	-62.2
7730	-6.5	68.2	9	-71.8
7740	-7.2	68.9	9	-75.8
7750	-5.7	69.6	8	-79.8
7760	-6.5	70.3	7	-81.7
7770	-7.6	71.1	6	-86.2
7780	-6.4	71.9	6	-90.7
7790	-6.6	72.8	5	-94.2
7800	-8.0	73.7	4	-89.1
7810	-7.1	74.6	3	-93.4
7820	-6.4	75.5	2	-97.1
7830	-8.4	76.5	1	-100.8
7840	-8.1	77.6	0	-105.1
7850	-7.6	78.7	-1	-109.4
7860	-8.3	79.8	-2	-113.6
7870	-8.0	81.0	-4	-117.6
7880	-7.1	82.2	-5	-121.9
7890	-7.5	83.4	-6	-125.6
7900	-7.9	84.7	-7	-129.3
7910	-6.9	86.0	-9	-133.6
7920	-7.3	87.4	-10	-136.8
7930	-7.5	88.8	-11	-140.5
7940	-6.8	90.2	-13	-144.2
7950	-6.0	91.7	-14	-147.7
7960	-6.5	93.2	-16	-150.6
7970	-6.8	94.7	-17	-153.6
7980	-5.3	96.3	-19	-157.0
7990	-5.6	97.9	-20	-159.4
8000	-3.8	99.5	-22	-161.8
8010	-4.1	101.1	-24	-163.7
8020	-3.8	102.8	-25	-164.7
8030	-3.1	104.4	-27	-166.3
8040	-3.1	106.0	-29	-150.1

8050	-17.2	107.5	-30	-132.5
8060	-18.8	108.9	-31	-128.3
8070	-11.5	110.0	-33	-99.0
8080	-9.6	111.0	-34	-95.0
8090	-14.1	111.9	-34	-90.2
8100	-12.1	112.6	-35	-71.0
8110	-8.0	113.3	-36	-67.0
8120	-7.3	113.8	-36	-52.7
8130	-9.1	114.3	-37	-40.9
8140	-8.0	114.7	-37	-39.4
8150	-6.5	115.0	-38	-30.6
8160	-7.2	115.3	-38	-29.2
8170	-8.8	115.6	-38	-22.8
8180	-8.8	115.8	-38	-22.0
8190	-8.8	116.0	-39	-19.1
8200	-9.2	116.2	-39	-16.5
8210	-9.6	116.3	-39	-13.0
8220	-8.0	116.5	-39	-12.2
8230	-7.2	116.6	-39	-9.5
8240	-6.1	116.7	-39	-10.1
8250	-6.0	116.7	-39	-7.9
8260	-5.7	116.8	-39	-6.1
8270	-5.8	116.9	-39	-6.3
8280	-6.2	116.9	-39	-4.7
8290	-6.2	117.0	-40	-3.9
8300	-6.5	117.0	-40	-3.4
8310	-7.9	117.0	-40	-3.4
8320	-9.8	117.1	-40	-2.9
8330	-11.1	117.1	-40	-2.6
8340	-9.2	117.1	-40	-2.1
8350	-7.1	117.2	-40	-2.1
8360	-7.9	117.2	-40	-1.5
8370	-8.3	117.2	-40	-1.3
8380	-3.3	117.2	-40	-1.0
8390	-2.7	117.2	-40	-0.5
8400	-2.2	117.2	-40	-0.5
8410	-2.8	117.2	-40	-0.7
8420	-1.5	117.2	-40	-0.2
8430	0.3	117.2	-40	0.0
8440	0.5	117.2	-40	0.0
8450	0.4	117.2	-40	0.0
8460	0.7	117.2	-40	0.0
8470	0.8	117.2	-40	0.0
8480	0.8	117.2	-40	0.7
8490	0.9	117.2	-40	0.2
8500	1.8	117.2	-40	1.0
8510	10.4	117.2	-40	3.1
8520	5.2	117.1	-40	6.3
8530	1.5	117.0	-40	9.3
8540	5.3	116.9	-39	10.3
8550	5.0	116.8	-39	12.2
8560	4.6	116.6	-39	14.9
8570	5.0	116.4	-39	21.0
8580	5.0	116.2	-39	21.5

8590	3.8	116.0	-39	22.0
8600	4.3	115.7	-38	29.2
8610	5.2	115.4	-38	28.7
8620	4.7	115.1	-38	28.4
8630	4.7	114.8	-37	37.5
8640	5.4	114.5	-37	36.4
8650	5.6	114.1	-37	35.4
8660	5.3	113.7	-36	38.0
8670	5.2	113.2	-36	49.5
8680	4.9	112.7	-35	48.1
8690	5.3	112.2	-35	50.5
8700	5.3	111.7	-34	47.9
8710	4.7	111.1	-34	61.7
8720	5.0	110.6	-33	64.1
8730	4.7	110.0	-33	60.9
8740	5.2	109.4	-32	56.9
8750	5.7	108.7	-31	59.1
8760	5.4	108.0	-31	75.6
8770	5.3	107.3	-30	78.8
8780	5.4	106.5	-29	81.7
8790	5.4	105.8	-28	84.6
8800	4.7	105.0	-28	79.8
8810	4.5	104.2	-27	82.5
8820	5.4	103.3	-26	84.6
8830	5.3	102.5	-25	87.3
8840	5.3	101.6	-24	90.2
8850	5.6	100.6	-23	92.9
8860	5.0	99.7	-22	95.5
8870	5.6	98.7	-21	98.5
8880	5.4	97.7	-20	101.1
8890	5.3	96.7	-19	103.8
8900	4.6	95.6	-18	106.7
8910	4.6	94.5	-17	108.8
8920	4.9	93.4	-16	111.2
8930	5.4	92.3	-15	113.6
8940	5.0	91.1	-14	116.0
8950	4.9	90.0	-13	118.7
8960	5.8	88.8	-11	120.8
8970	6.0	87.5	-10	123.7
8980	5.4	86.3	-9	126.4
8990	5.6	85.0	-8	129.1
9000	5.2	83.7	-6	131.7
9010	5.4	82.3	-5	134.4
9020	5.7	81.0	-4	137.1
9030	6.0	79.6	-2	139.7
9040	5.7	78.2	-1	142.1
9050	5.2	76.7	1	145.3
9060	6.0	75.3	2	147.4
9070	6.0	73.8	4	150.6
9080	5.2	72.3	5	137.3
9090	18.2	70.8	7	151.4
9100	20.7	69.6	8	121.9
9110	14.0	68.5	9	105.9
9120	14.0	67.6	10	84.6

9130	15.9	66.7	11	81.7
9140	12.9	66.0	11	78.2
9150	13.2	65.3	12	62.2
9160	12.3	64.8	13	54.8
9170	9.5	64.3	13	47.9
9180	9.2	63.8	14	37.2
9190	9.5	63.5	14	36.4
9200	8.3	63.1	14	31.9
9210	7.6	62.8	15	30.3
9220	8.0	62.6	15	24.2
9230	7.9	62.4	15	19.7
9240	7.3	62.2	15	18.9
9250	7.3	62.0	15	14.9
9260	6.6	61.9	16	14.3
9270	5.4	61.7	16	13.8
9280	4.5	61.6	16	11.1
9290	3.7	61.5	16	9.3
9300	2.0	61.4	16	7.4
9310	0.9	61.4	16	6.9
9320	0.4	61.3	16	6.9
9330	0.0	61.2	16	5.3
9340	0.0	61.2	16	4.2
9350	-0.4	61.1	16	4.2
9360	-0.8	61.1	16	3.4
9370	-2.4	61.1	16	2.6
9380	-11.7	61.1	16	0.0
9390	-3.9	61.1	16	-4.7
9400	-3.4	61.2	16	-6.1
9410	-8.0	61.2	16	-7.7
9420	-6.9	61.3	16	-10.9
9430	-6.1	61.5	16	-14.3
9440	-7.7	61.7	16	-17.5
9450	-7.6	61.9	16	-25.8
9460	-6.8	62.2	15	-27.4
9470	-8.0	62.5	15	-27.9
9480	-7.9	62.8	15	-38.8
9490	-7.5	63.2	14	-43.9
9500	-8.7	63.6	14	-43.9
9510	-9.6	64.1	13	-43.9
9520	-9.2	64.6	13	-58.5
9530	-9.2	65.2	12	-63.8
9540	-9.2	65.8	12	-63.3
9550	-9.6	66.5	11	-61.4
9560	-9.2	67.2	10	-66.0
9570	-9.4	68.0	9	-70.2
9580	-9.4	68.8	9	-74.8
9590	-9.2	69.6	8	-79.3
9600	-9.6	70.6	7	-83.3
9610	-9.6	71.5	6	-88.1
9620	-9.5	72.5	5	-92.6
9630	-9.4	73.7	4	-107.5
9640	-8.9	74.8	3	-113.1
9650	-8.4	75.9	2	-117.4
9660	-8.4	77.1	0	-122.4

9670	-8.8	78.4	-1	-126.7
9680	-7.7	79.7	-2	-130.9
9690	-6.9	81.0	-4	-135.2
9700	-7.2	82.4	-5	-138.7
9710	-7.3	83.8	-6	-142.1
9720	-6.8	85.3	-8	-146.1
9730	-7.6	86.8	-9	-149.0
9740	-6.9	88.3	-11	-153.0
9750	-7.1	89.8	-12	-156.5
9760	-6.2	91.4	-14	-160.0
9770	-6.9	93.1	-16	-162.9
9780	-6.4	94.7	-17	-166.1
9790	-6.1	96.4	-19	-169.5
9800	-6.6	98.1	-21	-172.2
9810	-5.4	99.9	-22	-175.1
9820	-5.3	101.6	-24	-177.8
9830	-5.3	103.4	-26	-179.9
9840	-5.8	105.2	-28	-182.0
9850	-12.1	107.0	-30	-191.6
9860	-25.0	108.5	-31	-148.8
9870	-21.7	109.8	-32	-126.7
9880	-10.8	110.9	-33	-95.8
9890	-13.6	111.9	-34	-91.0
9900	-17.4	112.7	-35	-77.7
9910	-11.3	113.4	-36	-59.1
9920	-6.5	114.0	-37	-55.3
9930	-8.1	114.4	-37	-42.3
9940	-7.5	114.9	-37	-40.1
9950	-4.6	115.2	-38	-34.0
9960	-3.5	115.5	-38	-31.4
9970	-3.9	115.8	-38	-24.4
9980	-3.3	116.0	-39	-23.1
9990	-2.4	116.2	-39	-17.5
10000	-2.0	116.3	-39	-16.7
10010	-1.8	116.5	-39	-13.0
10020	-0.9	116.6	-39	-9.5
10030	0.0	116.7	-39	-10.1
10040	0.0	116.8	-39	-7.9
10050	0.0	116.8	-39	-7.4
10060	0.1	116.9	-39	-5.5
10070	0.7	116.9	-39	-3.9
10080	2.2	117.0	-40	-4.2
10090	9.1	117.0	-40	-1.5
10100	2.0	117.0	-40	1.5
10110	0.1	117.0	-40	1.8
10120	5.4	116.9	-39	2.6
10130	3.3	116.9	-39	4.7
10140	1.9	116.8	-39	6.1
10150	4.5	116.8	-39	7.1
10160	3.7	116.7	-39	9.3
10170	3.1	116.5	-39	11.1
10180	4.9	116.4	-39	13.0
10190	3.9	116.2	-39	14.9
10200	3.5	116.1	-39	21.0

10210	4.7	115.8	-38	22.8
10220	4.3	115.6	-38	26.0
10230	3.8	115.4	-38	27.9
10240	4.5	115.1	-38	30.8
10250	4.3	114.8	-37	33.5
10260	4.2	114.5	-37	35.9
10270	4.3	114.1	-37	38.3
10280	4.2	113.8	-36	40.9
10290	4.3	113.4	-36	43.3
10300	4.7	113.0	-36	41.7
10310	4.3	112.5	-35	39.9
10320	4.5	112.1	-35	42.0
10330	4.5	111.6	-34	53.7
10340	4.2	111.1	-34	55.6
10350	4.7	110.5	-33	58.5
10360	4.5	110.0	-33	61.2
10370	4.1	109.4	-32	57.7
10380	4.5	108.8	-31	53.7
10390	4.5	108.2	-31	55.6
10400	4.5	107.6	-30	58.3
10410	4.6	106.9	-29	59.9
10420	4.2	106.3	-29	62.0
10430	3.9	105.5	-28	71.0
10440	4.3	104.8	-27	73.2
10450	4.3	104.0	-27	75.3
10460	4.6	103.3	-26	77.7
10470	4.5	102.5	-25	80.1
10480	4.2	101.6	-24	82.5
10490	4.6	100.8	-23	84.6
10500	4.3	99.9	-22	87.0
10510	5.0	99.1	-22	89.1
10520	5.0	98.2	-21	91.5
10530	4.6	97.2	-20	93.9
10540	5.2	96.3	-19	96.3
10550	4.9	95.3	-18	99.0
10560	4.7	94.3	-17	101.4
10570	5.4	93.2	-16	103.5
10580	4.9	92.2	-15	106.4
10590	5.0	91.1	-14	108.8
10600	5.6	90.0	-13	111.5
10610	5.3	88.9	-11	113.9
10620	5.2	87.7	-10	116.6
10630	5.3	86.5	-9	119.2
10640	5.6	85.3	-8	121.9
10650	5.0	84.1	-7	124.5
10660	5.6	82.8	-5	127.2
10670	5.0	81.5	-4	129.9
10680	5.6	80.2	-3	132.5
10690	6.1	78.8	-1	135.2
10700	5.0	77.5	0	138.1
10710	5.3	76.1	1	140.5
10720	6.8	74.6	3	143.2
10730	5.4	73.2	4	146.1
10740	8.3	71.8	6	129.3

10750	21.0	70.4	7	140.5
10760	17.6	69.3	8	112.8
10770	13.4	68.3	9	98.5
10780	15.5	67.4	10	87.3
10790	14.6	66.6	11	68.9
10800	14.2	65.9	12	67.0
10810	14.1	65.3	12	59.3
10820	10.6	64.7	13	51.9
10830	8.7	64.3	13	45.7
10840	9.6	63.9	14	40.1
10850	9.4	63.5	14	38.8
10860	8.5	63.2	14	31.1
10870	8.1	62.9	15	27.1
10880	8.4	62.7	15	21.5
10890	8.3	62.4	15	21.0
10900	8.1	62.2	15	16.7
10910	7.5	62.1	15	16.7
10920	6.5	61.9	16	15.9
10930	5.7	61.8	16	12.5
10940	4.9	61.7	16	10.9
10950	4.1	61.6	16	8.5
10960	3.5	61.5	16	8.2
10970	2.7	61.4	16	6.6
10980	2.4	61.3	16	6.3
10990	2.0	61.3	16	5.3
11000	1.5	61.2	16	5.5
11010	0.5	61.2	16	4.2
11020	0.0	61.1	16	3.7
11030	-0.1	61.1	16	2.9
11040	-0.7	61.1	16	2.3
11050	-0.9	61.1	16	2.1
11060	-6.5	61.0	16	1.3
11070	-6.8	61.1	16	-1.8
11080	-0.8	61.1	16	-5.3
11090	-4.7	61.1	16	-5.8
11100	-6.9	61.2	16	-8.7
11110	-4.3	61.3	16	-11.1
11120	-6.1	61.5	16	-14.1
11130	-8.1	61.6	16	-19.1
11140	-6.4	61.8	16	-23.1
11150	-7.1	62.1	15	-24.7
11160	-8.5	62.3	15	-25.5
11170	-7.2	62.7	15	-36.2
11180	-7.7	63.0	14	-37.0
11190	-9.5	63.4	14	-37.2
11200	-8.7	63.9	14	-50.8
11210	-8.5	64.4	13	-56.1
11220	-9.9	64.9	13	-55.3
11230	-9.4	65.5	12	-54.5
11240	-8.9	66.2	11	-72.6
11250	-9.9	66.8	11	-70.5
11260	-9.8	67.6	10	-67.8
11270	-9.4	68.4	9	-72.4
11280	-9.6	69.2	8	-78.2

11290	-9.4	70.1	7	-81.4
11300	-9.5	71.1	6	-104.8
11310	-9.5	72.1	5	-110.7
11320	-8.9	73.1	4	-115.5
11330	-9.6	74.2	3	-109.9
11340	-8.7	75.3	2	-115.0
11350	-8.8	76.5	1	-119.5
11360	-8.9	77.8	0	-124.3
11370	-8.7	79.0	-2	-128.8
11380	-8.1	80.4	-3	-133.3
11390	-7.7	81.7	-4	-137.3
11400	-7.9	83.1	-6	-141.6
11410	-8.0	84.6	-7	-145.3
11420	-7.7	86.1	-9	-149.6
11430	-8.5	87.6	-10	-153.3
11440	-8.1	89.2	-12	-157.8
11450	-6.9	90.8	-13	-161.8
11460	-8.0	92.4	-15	-164.7
11470	-6.9	94.1	-17	-169.0
11480	-7.7	95.8	-18	-172.2
11490	-7.2	97.5	-20	-175.7
11500	-6.1	99.3	-22	-179.1
11510	-6.5	101.1	-24	-182.0
11520	-6.6	103.0	-26	-184.7
11530	-7.3	104.8	-27	-187.6
11540	-9.8	106.7	-29	-203.9
11550	-27.9	108.3	-31	-158.4
11560	-26.7	109.7	-32	-147.2
11570	-15.1	110.9	-33	-113.1
11580	-16.1	111.9	-34	-95.0
11590	-21.2	112.7	-35	-72.4
11600	-16.0	113.4	-36	-68.4
11610	-10.0	114.0	-37	-51.3
11620	-11.8	114.5	-37	-48.4
11630	-11.9	115.0	-38	-44.7
11640	-9.2	115.3	-38	-34.6
11650	-6.5	115.6	-38	-25.8
11660	-7.1	115.9	-38	-24.4
11670	-7.3	116.1	-39	-22.8
11680	-5.8	116.3	-39	-17.5
11690	-5.3	116.4	-39	-16.2
11700	-6.0	116.6	-39	-12.5
11710	-5.0	116.7	-39	-11.7
11720	-4.1	116.8	-39	-9.0
11730	-3.4	116.8	-39	-7.4
11740	-2.6	116.9	-39	-5.5
11750	-1.2	117.0	-40	-5.5
11760	-0.3	117.0	-40	-4.5
11770	0.0	117.0	-40	-3.7
11780	0.0	117.1	-40	-3.1
11790	0.4	117.1	-40	-2.6
11800	0.5	117.1	-40	-2.3
11810	0.5	117.1	-40	-2.1
11820	0.7	117.2	-40	-1.5

11830	2.0	117.2	-40	-1.0
11840	6.6	117.2	-40	0.7
11850	2.6	117.1	-40	2.9
11860	1.4	117.1	-40	4.5
11870	4.6	117.1	-40	5.5
11880	3.3	117.0	-40	6.9
11890	2.3	116.9	-39	9.0
11900	4.2	116.8	-39	9.5
11910	4.1	116.7	-39	13.8
11920	2.6	116.5	-39	14.9
11930	4.1	116.4	-39	14.9
11940	4.3	116.2	-39	16.7
11950	3.1	116.0	-39	22.8
11960	4.3	115.8	-38	24.7
11970	4.5	115.5	-38	24.7
11980	4.1	115.3	-38	24.4
11990	4.2	115.0	-38	32.4
12000	4.5	114.7	-37	31.6
12010	4.5	114.3	-37	30.6
12020	4.5	114.0	-37	32.7
12030	4.6	113.6	-36	34.8
12040	4.6	113.2	-36	45.2
12050	4.5	112.8	-35	43.6
12060	4.6	112.3	-35	41.5
12070	4.6	111.8	-34	44.1
12080	4.9	111.3	-34	45.7
12090	5.0	110.8	-33	47.9
12100	4.7	110.3	-33	50.3
12110	4.6	109.7	-32	52.9
12120	4.6	109.1	-32	54.8
12130	4.7	108.4	-31	56.9
12140	4.6	107.8	-30	59.1
12150	4.3	107.1	-30	61.4
12160	4.5	106.4	-29	63.0
12170	4.6	105.7	-28	65.2
12180	4.3	104.9	-27	74.5
12190	4.1	104.2	-27	77.2
12200	4.7	103.4	-26	79.0
12210	4.6	102.6	-25	81.4
12220	4.3	101.7	-24	83.8
12230	4.7	100.9	-23	85.9
12240	4.3	100.0	-23	88.6
12250	4.6	99.1	-22	90.7
12260	4.7	98.2	-21	93.1
12270	4.1	97.2	-20	95.3
12280	4.2	96.3	-19	97.4
12290	4.3	95.3	-18	99.3
12300	4.2	94.3	-17	101.4
12310	4.5	93.2	-16	103.8
12320	4.2	92.2	-15	105.6
12330	4.3	91.1	-14	107.8
12340	4.5	90.0	-13	109.9
12350	4.9	88.9	-11	112.0
12360	4.7	87.8	-10	114.4

12370	4.2	86.6	-9	116.6
12380	4.6	85.4	-8	119.0
12390	5.0	84.2	-7	121.1
12400	5.2	83.0	-6	123.2
12410	4.9	81.7	-4	125.9
12420	5.7	80.4	-3	128.3
12430	5.6	79.1	-2	130.9
12440	4.9	77.8	0	133.6
12450	5.0	76.5	1	136.0
12460	6.1	75.1	2	138.4
12470	4.7	73.7	4	141.3
12480	4.7	72.2	5	142.6
12490	16.3	71.0	6	129.6
12500	17.6	69.8	8	103.5
12510	11.7	68.8	9	101.1
12520	13.0	67.8	10	89.4
12530	14.6	67.0	10	71.3
12540	11.8	66.3	11	69.7
12550	12.3	65.6	12	61.4
12560	11.9	65.1	12	48.9
12570	8.8	64.6	13	48.1
12580	8.0	64.1	13	42.5
12590	8.1	63.8	14	37.5
12600	7.2	63.4	14	30.0
12610	7.1	63.1	14	29.2
12620	7.3	62.9	15	23.1
12630	7.5	62.6	15	22.8
12640	7.2	62.4	15	20.2
12650	7.3	62.2	15	17.8
12660	6.6	62.1	15	17.5
12670	6.1	61.9	16	13.8
12680	5.3	61.8	16	13.5
12690	4.6	61.7	16	10.9
12700	3.7	61.6	16	9.5
12710	3.1	61.5	16	7.1
12720	2.3	61.4	16	7.4
12730	1.6	61.3	16	7.1
12740	1.1	61.3	16	5.5
12750	0.1	61.2	16	5.5
12760	0.0	61.2	16	4.2
12770	0.0	61.2	16	3.4
12780	-0.5	61.1	16	2.9
12790	-0.8	61.1	16	2.6
12800	-2.4	61.1	16	2.1
12810	-9.6	61.1	16	-0.2
12820	-2.8	61.1	16	-3.9
12830	-2.2	61.1	16	-5.0
12840	-8.3	61.2	16	-6.3
12850	-6.9	61.3	16	-9.5
12860	-4.6	61.4	16	-12.7
12870	-8.0	61.6	16	-15.4
12880	-8.5	61.8	16	-23.1
12890	-6.0	62.1	15	-28.2
12900	-7.3	62.3	15	-28.7

12910	-8.9	62.6	15	-29.5
12920	-7.1	63.0	14	-41.2
12930	-7.3	63.4	14	-41.5
12940	-9.4	63.8	14	-40.9
12950	-8.7	64.4	13	-55.3
12960	-8.4	64.9	13	-54.8
12970	-9.8	65.5	12	-53.5
12980	-9.8	66.1	11	-58.3
12990	-9.5	66.8	11	-63.8
13000	-10.3	67.5	10	-67.3
13010	-10.7	68.3	9	-88.3
13020	-9.6	69.2	8	-94.7
13030	-9.5	70.1	7	-99.8
13040	-10.4	71.0	6	-105.4
13050	-9.5	72.0	5	-111.8
13060	-8.9	73.1	4	-116.8
13070	-10.4	74.2	3	-111.0
13080	-9.4	75.3	2	-116.3
13090	-8.8	76.5	1	-121.3
13100	-9.8	77.8	0	-126.1
13110	-9.5	79.1	-2	-131.2
13120	-8.1	80.4	-3	-136.3
13130	-8.0	81.8	-4	-140.2
13140	-8.7	83.3	-6	-144.5
13150	-8.0	84.7	-7	-148.5
13160	-7.6	86.3	-9	-153.0
13170	-8.4	87.8	-10	-156.8
13180	-8.1	89.4	-12	-160.7
13190	-6.8	91.1	-14	-165.0
13200	-7.7	92.7	-15	-167.9
13210	-7.5	94.4	-17	-171.7
13220	-7.6	96.2	-19	-175.7
13230	-7.5	98.0	-21	-179.1
13240	-6.0	99.8	-22	-182.6
13250	-6.0	101.6	-24	-185.2
13260	-5.8	103.5	-26	-187.6
13270	-6.1	105.4	-28	-190.3
13280	-14.1	107.2	-30	-179.9
13290	-27.8	108.8	-31	-138.7
13300	-16.3	110.2	-33	-140.5
13310	-13.7	111.2	-34	-107.5
13320	-19.9	112.2	-35	-91.3
13330	-15.9	113.0	-36	-68.6
13340	-12.6	113.6	-36	-64.4
13350	-12.9	114.2	-37	-48.9
13360	-10.6	114.7	-37	-45.7
13370	-9.4	115.1	-38	-34.6
13380	-10.3	115.5	-38	-35.6
13390	-9.5	115.7	-38	-24.7
13400	-8.7	116.0	-39	-23.1
13410	-9.5	116.2	-39	-17.3
13420	-9.6	116.3	-39	-16.7
13430	-8.5	116.5	-39	-12.5
13440	-6.1	116.6	-39	-12.7

13450	-5.4	116.7	-39	-9.8
13460	-5.6	116.8	-39	-8.2
13470	-4.3	116.9	-39	-6.9
13480	-3.8	116.9	-39	-5.0
13490	-3.9	117.0	-40	-5.3
13500	-3.9	117.0	-40	-3.9
13510	-3.1	117.1	-40	-3.7
13520	-2.8	117.1	-40	-2.9
13530	-2.4	117.1	-40	-2.6
13540	-1.6	117.1	-40	-2.3
13550	-0.7	117.2	-40	-1.8
13560	0.1	117.2	-40	-1.3
13570	0.5	117.2	-40	-1.0
13580	0.8	117.2	-40	-0.7
13590	0.8	117.2	-40	0.0
13600	1.2	117.2	-40	0.2
13610	10.0	117.2	-40	0.2
13620	4.3	117.2	-40	5.5
13630	0.3	117.1	-40	7.7
13640	3.5	117.0	-40	8.5
13650	3.8	116.9	-39	10.1
13660	3.1	116.8	-39	12.7
13670	4.3	116.7	-39	14.6
13680	4.5	116.5	-39	17.0
13690	3.4	116.4	-39	17.8
13700	4.3	116.2	-39	17.8
13710	5.4	116.0	-39	20.2
13720	4.6	115.7	-38	22.3
13730	4.2	115.4	-38	30.3
13740	4.7	115.1	-38	33.2
13750	4.6	114.8	-37	35.6
13760	4.6	114.5	-37	35.1
13770	5.2	114.1	-37	33.5
13780	4.7	113.7	-36	39.9
13790	4.2	113.3	-36	46.8
13800	4.3	112.9	-35	44.7
13810	4.5	112.4	-35	42.5
13820	4.7	111.9	-34	54.8
13830	4.6	111.4	-34	57.2
13840	4.3	110.9	-33	54.3
13850	4.2	110.3	-33	50.8
13860	4.3	109.7	-32	52.9
13870	4.3	109.1	-32	54.8
13880	4.2	108.5	-31	56.9
13890	4.1	107.8	-30	58.5
13900	3.9	107.2	-30	60.6
13910	4.1	106.5	-29	62.5
13920	4.3	105.8	-28	64.1
13930	3.9	105.0	-28	73.2
13940	3.5	104.3	-27	75.6
13950	4.3	103.5	-26	77.4
13960	4.6	102.7	-25	79.6
13970	4.2	101.9	-24	81.7
13980	5.0	101.1	-24	84.1

13990	4.5	100.2	-23	86.5
14000	4.6	99.3	-22	88.6
14010	5.4	98.4	-21	91.3
14020	5.3	97.5	-20	93.9
14030	5.0	96.5	-19	96.6
14040	4.7	95.5	-18	99.3
14050	5.6	94.5	-17	101.6
14060	5.4	93.5	-16	104.3
14070	5.7	92.4	-15	107.2
14080	5.0	91.3	-14	109.9
14090	5.3	90.2	-13	112.6
14100	6.2	89.1	-12	115.0
14110	6.4	87.9	-10	118.4
14120	5.7	86.7	-9	121.1
14130	6.0	85.4	-8	124.3
14140	6.2	84.2	-7	127.2
14150	6.5	82.9	-5	130.4
14160	5.7	81.6	-4	133.6
14170	6.1	80.2	-3	136.5
14180	6.5	78.8	-1	139.5
14190	5.6	77.4	0	142.6
14200	5.8	76.0	1	145.3
14210	6.6	74.5	3	148.2
14220	5.3	73.0	4	151.2
14230	9.8	71.6	6	131.2
14240	22.1	70.2	7	141.6
14250	17.1	69.0	8	113.1
14260	12.9	68.0	9	98.7
14270	15.9	67.1	10	95.0
14280	14.8	66.3	11	75.8
14290	14.2	65.7	12	66.2
14300	13.8	65.1	12	52.4
14310	10.0	64.5	13	50.8
14320	8.7	64.1	13	44.4
14330	9.6	63.7	14	38.8
14340	8.9	63.3	14	30.3
14350	7.9	63.0	14	29.8
14360	8.1	62.7	15	26.0
14370	8.4	62.5	15	20.4
14380	8.3	62.3	15	21.8
14390	8.4	62.1	15	17.5
14400	7.7	62.0	15	15.4
14410	6.8	61.8	16	12.2
14420	5.8	61.7	16	11.7
14430	4.7	61.6	16	11.4
14440	3.9	61.5	16	8.5
14450	2.8	61.4	16	7.7
14460	2.3	61.3	16	6.1
14470	2.0	61.3	16	6.1
14480	1.5	61.2	16	4.5
14490	1.1	61.2	16	4.2
14500	0.7	61.1	16	3.7
14510	0.0	61.1	16	2.9
14520	0.0	61.1	16	2.9

14530	-0.4	61.1	16	2.6
14540	-0.8	61.0	16	2.3
14550	-1.4	61.0	16	1.8
14560	-8.5	61.0	16	0.2
14570	-3.7	61.0	16	-2.6
14580	-0.5	61.1	16	-3.4
14590	-4.6	61.1	16	-5.0
14600	-4.1	61.2	16	-7.7
14610	-2.4	61.3	16	-9.0
14620	-5.3	61.4	16	-10.6
14630	-5.3	61.5	16	-14.6
14640	-3.9	61.7	16	-17.8
14650	-5.8	61.8	16	-18.1
14660	-6.4	62.0	15	-19.1
14670	-5.2	62.3	15	-26.8
14680	-6.2	62.5	15	-27.4
14690	-7.1	62.8	15	-27.9
14700	-6.2	63.2	14	-38.0
14710	-6.9	63.5	14	-38.3
14720	-8.3	63.9	14	-37.5
14730	-7.6	64.4	13	-50.5
14740	-7.6	64.9	13	-50.0
14750	-8.3	65.4	12	-48.7
14760	-7.7	66.0	11	-64.4
14770	-8.0	66.6	11	-62.5
14780	-8.4	67.3	10	-60.1
14790	-8.8	67.9	10	-63.8
14800	-8.9	68.7	9	-68.1
14810	-8.7	69.5	8	-72.4
14820	-9.2	70.4	7	-93.1
14830	-9.4	71.3	6	-98.7
14840	-8.7	72.2	5	-103.8
14850	-8.5	73.2	4	-108.6
14860	-9.4	74.2	3	-103.5
14870	-8.3	75.3	2	-108.3
14880	-8.9	76.4	1	-112.6
14890	-9.1	77.5	0	-117.9
14900	-8.7	78.8	-1	-122.1
14910	-8.8	80.0	-3	-127.2
14920	-8.4	81.3	-4	-131.7
14930	-7.9	82.7	-5	-136.3
14940	-8.3	84.1	-7	-140.2
14950	-8.1	85.5	-8	-144.8
14960	-9.1	87.0	-10	-148.5
14970	-7.9	88.5	-11	-153.3
14980	-8.5	90.1	-13	-157.3
14990	-7.9	91.7	-14	-161.5
15000	-8.0	93.3	-16	-165.5
15010	-8.8	95.0	-18	-169.3
15020	-7.7	96.7	-19	-173.8
15030	-7.7	98.5	-21	-177.8
15040	-6.8	100.3	-23	-181.2
15050	-7.5	102.1	-25	-184.7
15060	-7.2	104.0	-27	-188.4

15070	-8.1	105.8	-28	-172.5
15080	-24.1	107.6	-30	-154.6
15090	-31.3	109.1	-32	-146.4
15100	-24.4	110.4	-33	-110.7
15110	-16.4	111.5	-34	-103.0
15120	-21.7	112.4	-35	-87.0
15130	-21.2	113.2	-36	-72.9
15140	-16.1	113.8	-36	-61.7
15150	-12.5	114.4	-37	-56.4
15160	-14.8	114.8	-37	-43.3
15170	-12.5	115.2	-38	-40.1
15180	-9.4	115.5	-38	-30.6
15190	-8.0	115.8	-38	-25.5
15200	-8.1	116.0	-39	-21.8
15210	-7.3	116.2	-39	-19.9
15220	-6.2	116.4	-39	-15.4
15230	-5.7	116.5	-39	-13.0
15240	-5.4	116.6	-39	-11.9
15250	-4.3	116.7	-39	-9.0
15260	-3.0	116.8	-39	-6.9
15270	-2.4	116.9	-39	-6.3
15280	-1.1	116.9	-39	-5.3
15290	0.0	117.0	-40	-4.7
15300	0.0	117.0	-40	-3.9
15310	0.0	117.1	-40	-3.4
15320	0.5	117.1	-40	-2.9
15330	0.7	117.1	-40	-2.1
15340	0.8	117.1	-40	-1.8
15350	3.5	117.1	-40	-1.0
15360	5.4	117.1	-40	0.7
15370	1.5	117.1	-40	2.6
15380	2.0	117.1	-40	3.1
15390	4.7	117.0	-40	5.5
15400	3.5	117.0	-40	8.2
15410	3.1	116.9	-39	10.3
15420	5.2	116.8	-39	12.2
15430	4.2	116.6	-39	14.9
15440	3.5	116.5	-39	15.9
15450	4.7	116.3	-39	16.2
15460	3.9	116.1	-39	22.6
15470	3.8	115.9	-38	22.6
15480	5.2	115.6	-38	22.3
15490	4.7	115.4	-38	24.7
15500	4.7	115.1	-38	33.0
15510	5.2	114.7	-37	35.9
15520	4.7	114.4	-37	38.8
15530	4.7	114.0	-37	40.9
15540	5.0	113.6	-36	44.7
15550	4.6	113.2	-36	43.1
15560	4.5	112.8	-35	40.9
15570	5.0	112.3	-35	52.9
15580	5.0	111.8	-34	55.9
15590	5.0	111.2	-34	58.5
15600	5.4	110.7	-33	61.4

15610	4.9	110.1	-33	58.5
15620	4.5	109.5	-32	54.8
15630	5.3	108.9	-31	57.2
15640	4.9	108.3	-31	59.3
15650	4.7	107.6	-30	61.7
15660	4.7	106.9	-29	63.8
15670	4.3	106.2	-29	65.7
15680	4.9	105.4	-28	75.3
15690	4.5	104.6	-27	78.0
15700	4.3	103.8	-26	80.3
15710	5.2	103.0	-26	82.5
15720	5.0	102.1	-25	85.1
15730	5.2	101.3	-24	88.1
15740	5.4	100.4	-23	90.7
15750	5.3	99.4	-22	93.4
15760	5.4	98.5	-21	96.1
15770	5.6	97.5	-20	98.7
15780	5.6	96.5	-19	101.6
15790	5.4	95.4	-18	104.8
15800	5.8	94.4	-17	107.5
15810	6.1	93.3	-16	110.4
15820	5.4	92.1	-15	113.4
15830	5.3	91.0	-14	116.3
15840	6.0	89.8	-12	119.0
15850	6.2	88.6	-11	121.9
15860	5.4	87.3	-10	125.1
15870	5.4	86.1	-9	128.0
15880	6.1	84.8	-7	130.9
15890	5.4	83.4	-6	133.6
15900	5.7	82.1	-5	136.3
15910	6.0	80.7	-3	138.9
15920	5.7	79.3	-2	141.6
15930	5.7	77.9	0	144.5
15940	5.4	76.4	1	147.2
15950	6.1	74.9	3	149.8
15960	5.7	73.4	4	152.8
15970	7.1	71.9	6	136.5
15980	21.3	70.5	7	121.3
15990	19.7	69.3	8	118.7
16000	14.2	68.2	9	103.0
16010	15.7	67.3	10	81.1
16020	14.9	66.5	11	79.0
16030	13.7	65.8	12	68.9
16040	14.4	65.1	12	54.3
16050	11.4	64.6	13	52.9
16060	9.4	64.1	13	46.0
16070	10.0	63.7	14	44.1
16080	9.6	63.3	14	34.8
16090	8.7	63.0	14	30.6
16100	8.7	62.7	15	29.2
16110	8.8	62.5	15	23.4
16120	8.4	62.3	15	20.4
16130	8.4	62.1	15	16.2
16140	7.9	61.9	16	17.3

16150	6.8	61.8	16	13.8
16160	5.8	61.7	16	11.9
16170	5.0	61.6	16	9.3
16180	4.3	61.5	16	9.0
16190	3.5	61.4	16	7.7
16200	3.3	61.3	16	6.6
16210	2.7	61.3	16	5.3
16220	2.0	61.2	16	5.3
16230	1.2	61.2	16	4.7
16240	0.0	61.1	16	3.7
16250	0.0	61.1	16	3.1
16260	-0.4	61.1	16	2.3
16270	-0.8	61.0	16	2.3
16280	-1.2	61.0	16	1.8
16290	-9.9	61.0	16	0.5
16300	-4.3	61.0	16	-2.9
16310	-0.9	61.1	16	-4.2
16320	-6.0	61.1	16	-5.5
16330	-5.6	61.2	16	-8.7
16340	-3.7	61.3	16	-12.7
16350	-6.5	61.4	16	-13.8
16360	-7.1	61.6	16	-15.7
16370	-5.7	61.8	16	-18.6
16380	-8.1	62.0	15	-26.6
16390	-8.8	62.3	15	-27.9
16400	-7.7	62.6	15	-29.2
16410	-8.8	63.0	14	-33.2
16420	-10.0	63.4	14	-46.3
16430	-9.2	63.8	14	-47.1
16440	-9.9	64.3	13	-46.8
16450	-11.0	64.9	13	-63.0
16460	-10.0	65.5	12	-63.0
16470	-10.4	66.2	11	-61.7
16480	-11.3	67.0	10	-81.7
16490	-11.3	67.7	10	-87.8
16500	-11.0	68.5	9	-85.7
16510	-11.4	69.4	8	-82.5
16520	-12.1	70.4	7	-87.5
16530	-11.7	71.4	6	-93.4
16540	-11.7	72.5	5	-99.3
16550	-11.7	73.7	4	-116.0
16560	-11.7	74.9	3	-122.9
16570	-11.5	76.2	1	-128.8
16580	-11.7	77.5	0	-135.2
16590	-11.7	78.9	-1	-141.3
16600	-10.8	80.4	-3	-147.4
16610	-10.4	81.9	-4	-153.0
16620	-11.0	83.5	-6	-158.6
16630	-11.0	85.1	-8	-164.5
16640	-11.0	86.8	-9	-170.1
16650	-10.2	88.5	-11	-175.7
16660	-10.8	90.3	-13	-181.2
16670	-9.6	92.2	-15	-186.3
16680	-9.4	94.1	-17	-191.4

16690	-10.8	96.0	-19	-196.2
16700	-10.2	98.0	-21	-201.5
16710	-8.1	100.1	-23	-206.3
16720	-8.9	102.2	-25	-210.5
16730	-9.5	104.3	-27	-214.8
16740	-9.4	106.5	-29	-217.2
16750	-33.8	108.3	-31	-186.0
16760	-38.1	110.0	-33	-168.7
16770	-25.4	111.3	-34	-126.1
16780	-20.7	112.4	-35	-102.4
16790	-25.6	113.3	-36	-75.6
16800	-22.5	114.0	-37	-69.7
16810	-16.5	114.6	-37	-62.0
16820	-14.6	115.1	-38	-46.0
16830	-14.4	115.5	-38	-41.7
16840	-12.2	115.8	-38	-31.1
16850	-9.5	116.1	-39	-22.8
16860	-8.3	116.3	-39	-20.7
16870	-7.9	116.5	-39	-15.4
16880	-6.2	116.6	-39	-15.1
16890	-4.2	116.7	-39	-11.1
16900	-3.1	116.8	-39	-8.2
16910	-4.5	116.9	-39	-7.4
16920	-5.0	117.0	-40	-5.5
16930	-2.8	117.0	-40	-5.0
16940	-1.8	117.1	-40	-3.9
16950	-1.2	117.1	-40	-3.4
16960	-0.1	117.1	-40	-2.6
16970	0.1	117.2	-40	-2.1
16980	0.1	117.2	-40	-1.8
16990	0.3	117.2	-40	-1.3
17000	0.3	117.2	-40	-1.0
17010	0.4	117.2	-40	-0.7
17020	0.5	117.2	-40	-0.5
17030	0.7	117.2	-40	-0.2
17040	1.5	117.2	-40	0.2
17050	8.3	117.2	-40	0.7
17060	2.6	117.2	-40	3.9
17070	0.9	117.1	-40	4.7
17080	3.8	117.1	-40	5.5
17090	3.3	117.0	-40	7.1
17100	1.8	116.9	-39	8.7
17110	3.3	116.8	-39	10.1
17120	4.3	116.7	-39	11.1
17130	3.1	116.5	-39	13.0
17140	3.8	116.4	-39	14.9
17150	4.5	116.2	-39	16.5
17160	3.7	116.0	-39	23.1
17170	3.8	115.8	-38	22.8
17180	4.3	115.5	-38	25.2
17190	3.9	115.3	-38	24.7
17200	3.5	115.0	-38	32.4
17210	4.1	114.7	-37	31.4
17220	4.2	114.3	-37	30.3

17230	3.8	114.0	-37	32.7
17240	4.1	113.6	-36	34.0
17250	3.7	113.2	-36	35.9
17260	3.7	112.8	-35	46.0
17270	4.2	112.4	-35	43.9
17280	4.5	111.9	-34	41.7
17290	4.1	111.4	-34	53.5
17300	4.1	110.9	-33	55.3
17310	3.8	110.4	-33	52.4
17320	3.9	109.9	-32	48.9
17330	4.3	109.3	-32	50.8
17340	4.3	108.7	-31	52.7
17350	4.3	108.1	-31	54.5
17360	4.7	107.5	-30	62.8
17370	4.7	106.9	-29	58.8
17380	4.5	106.2	-29	60.9
17390	4.9	105.5	-28	69.7
17400	4.6	104.7	-27	72.6
17410	4.7	104.0	-27	75.3
17420	5.4	103.2	-26	77.4
17430	4.6	102.4	-25	80.1
17440	4.6	101.6	-24	82.7
17450	5.4	100.8	-23	85.1
17460	4.9	99.9	-22	87.8
17470	5.6	99.0	-22	90.5
17480	5.7	98.1	-21	93.4
17490	4.9	97.1	-20	96.3
17500	5.6	96.1	-19	99.0
17510	5.4	95.1	-18	101.6
17520	5.7	94.1	-17	104.3
17530	5.7	93.0	-16	107.0
17540	5.7	91.9	-14	109.9
17550	5.4	90.8	-13	112.6
17560	5.4	89.7	-12	115.5
17570	5.4	88.5	-11	117.9
17580	5.3	87.3	-10	120.8
17590	5.8	86.1	-9	123.5
17600	5.8	84.8	-7	126.4
17610	5.2	83.5	-6	129.1
17620	6.0	82.2	-5	131.7
17630	6.2	80.9	-3	134.4
17640	6.6	79.5	-2	137.6
17650	6.4	78.1	-1	140.8
17660	5.3	76.7	1	144.0
17670	6.2	75.2	2	146.4
17680	5.8	73.7	4	149.6
17690	5.3	72.2	5	151.4
17700	18.2	70.9	7	136.5
17710	20.3	69.6	8	108.0
17720	13.6	68.5	9	104.8
17730	14.6	67.6	10	92.1
17740	15.7	66.7	11	72.6
17750	13.2	66.0	11	70.5
17760	13.7	65.4	12	62.0

17770	12.1	64.8	13	54.5
17780	8.7	64.3	13	52.1
17790	9.2	63.9	14	41.5
17800	9.2	63.5	14	36.2
17810	8.1	63.2	14	31.6
17820	7.7	62.9	15	24.7
17830	8.0	62.6	15	24.4
17840	7.7	62.4	15	19.4
17850	7.6	62.2	15	18.6
17860	7.6	62.0	15	18.3
17870	7.1	61.9	16	14.3
17880	5.8	61.8	16	12.7
17890	4.9	61.6	16	12.2
17900	4.3	61.6	16	9.5
17910	3.3	61.5	16	9.0
17920	2.3	61.4	16	7.1
17930	1.9	61.3	16	6.3
17940	1.1	61.3	16	5.0
17950	0.4	61.2	16	4.7
17960	0.0	61.2	16	3.7
17970	0.0	61.1	16	3.4
17980	-0.5	61.1	16	3.1
17990	-0.8	61.1	16	3.1
18000	-2.0	61.1	16	2.3
18010	-11.0	61.1	16	-0.2
18020	-3.7	61.1	16	-3.7
18030	-1.4	61.1	16	-4.7
18040	-7.3	61.2	16	-6.1
18050	-5.7	61.3	16	-9.3
18060	-3.3	61.4	16	-13.3
18070	-6.6	61.6	16	-15.4
18080	-6.6	61.7	16	-16.5
18090	-4.1	61.9	16	-19.9
18100	-6.8	62.2	15	-26.8
18110	-7.7	62.5	15	-27.9
18120	-5.6	62.8	15	-28.7
18130	-6.9	63.1	14	-38.6
18140	-8.3	63.5	14	-38.8
18150	-6.9	63.9	14	-38.8
18160	-7.5	64.4	13	-42.3
18170	-8.9	64.9	13	-55.9
18180	-7.9	65.4	12	-60.6
18190	-7.5	66.0	11	-65.7
18200	-9.1	66.6	11	-63.8
18210	-8.9	67.3	10	-61.4
18220	-8.5	68.0	9	-65.7
18230	-9.6	68.8	9	-70.0
18240	-9.5	69.6	8	-74.5
18250	-9.5	70.4	7	-78.8
18260	-9.9	71.4	6	-83.3
18270	-9.5	72.3	5	-88.1
18280	-9.4	73.4	4	-102.4
18290	-9.6	74.4	3	-107.5
18300	-8.9	75.6	2	-112.6

18310	-9.2	76.7	1	-117.6
18320	-9.5	77.9	0	-122.7
18330	-9.1	79.2	-2	-127.2
18340	-8.5	80.5	-3	-132.5
18350	-8.4	81.9	-4	-137.1
18360	-8.5	83.3	-6	-141.3
18370	-8.4	84.7	-7	-145.6
18380	-8.4	86.2	-9	-150.1
18390	-8.5	87.7	-10	-154.1
18400	-8.7	89.3	-12	-158.6
18410	-7.9	90.9	-13	-162.9
18420	-8.3	92.6	-15	-166.9
18430	-7.9	94.3	-17	-170.9
18440	-8.5	96.0	-19	-175.1
18450	-8.5	97.8	-20	-178.9
18460	-6.5	99.6	-22	-182.8
18470	-7.1	101.5	-24	-186.0
18480	-7.2	103.4	-26	-189.2
18490	-7.6	105.3	-28	-192.4
18500	-14.5	107.1	-30	-183.9
18510	-30.2	108.7	-31	-139.2
18520	-22.8	110.1	-33	-130.9
18530	-15.5	111.2	-34	-98.2
18540	-16.3	112.2	-35	-92.3
18550	-17.6	113.0	-36	-77.7
18560	-15.1	113.7	-36	-71.8
18570	-13.4	114.2	-37	-55.1
18580	-9.9	114.8	-37	-50.3
18590	-9.9	115.1	-38	-38.8
18600	-10.8	115.5	-38	-29.2
18610	-9.5	115.8	-38	-27.6
18620	-9.5	116.0	-39	-20.7
18630	-10.4	116.2	-39	-19.4
18640	-10.7	116.4	-39	-16.5
18650	-11.1	116.5	-39	-14.1
18660	-10.4	116.7	-39	-11.7
18670	-9.8	116.8	-39	-10.1
18680	-8.7	116.9	-39	-8.2
18690	-3.5	116.9	-39	-7.1
18700	-3.9	117.0	-40	-5.3
18710	-6.5	117.0	-40	-5.3
18720	-5.2	117.1	-40	-4.2
18730	-2.2	117.1	-40	-3.4
18740	-1.1	117.1	-40	-2.9
18750	-2.2	117.2	-40	-2.3
18760	-2.2	117.2	-40	-1.8
18770	-1.1	117.2	-40	-1.8
18780	-0.4	117.2	-40	-1.0
18790	0.0	117.2	-40	-1.0
18800	0.5	117.2	-40	-0.7
18810	0.8	117.2	-40	-0.2
18820	0.8	117.2	-40	0.0
18830	0.9	117.2	-40	0.2
18840	6.5	117.2	-40	0.2

18850	4.5	117.2	-40	4.5
18860	0.0	117.1	-40	6.3
18870	1.9	117.1	-40	6.6
18880	3.9	117.0	-40	7.9
18890	2.4	116.9	-39	10.3
18900	2.6	116.8	-39	11.9
18910	4.3	116.7	-39	13.3
18920	3.1	116.6	-39	14.1
18930	2.6	116.4	-39	14.6
18940	4.3	116.2	-39	15.7
18950	3.7	116.1	-39	17.8
18960	3.3	115.8	-38	23.9
18970	4.1	115.6	-38	26.0
18980	3.7	115.4	-38	25.8
18990	3.8	115.1	-38	25.0
19000	4.3	114.8	-37	30.0
19010	4.1	114.5	-37	35.4
19020	3.9	114.1	-37	37.8
19030	4.2	113.8	-36	40.1
19040	4.2	113.4	-36	42.3
19050	4.2	113.0	-36	44.4
19060	4.2	112.5	-35	47.3
19070	4.3	112.1	-35	45.5
19080	4.2	111.6	-34	42.8
19090	4.1	111.2	-34	44.7
19100	4.2	110.6	-33	46.5
19110	3.7	110.1	-33	59.1
19120	3.7	109.6	-32	55.6
19130	4.3	109.0	-32	51.9
19140	3.9	108.4	-31	53.7
19150	3.7	107.8	-30	55.6
19160	3.9	107.2	-30	63.6
19170	4.2	106.5	-29	59.1
19180	3.9	105.8	-28	60.6
19190	3.8	105.1	-28	69.7
19200	4.2	104.4	-27	71.6
19210	4.9	103.7	-26	73.7
19220	4.1	102.9	-25	76.1
19230	3.7	102.1	-25	78.2
19240	4.6	101.3	-24	80.1
19250	4.3	100.5	-23	82.5
19260	3.9	99.7	-22	84.9
19270	4.6	98.8	-21	87.0
19280	4.6	97.9	-20	89.1
19290	5.0	97.0	-20	91.5
19300	4.7	96.1	-19	94.2
19310	4.2	95.1	-18	96.3
19320	5.2	94.1	-17	98.7
19330	5.6	93.1	-16	101.1
19340	4.9	92.1	-15	103.8
19350	4.6	91.0	-14	106.2
19360	5.4	89.9	-12	108.8
19370	5.8	88.8	-11	111.2
19380	5.6	87.7	-10	114.2

19390	5.0	86.5	-9	117.1
19400	5.3	85.4	-8	119.8
19410	5.4	84.1	-7	122.4
19420	5.8	82.9	-5	124.8
19430	5.0	81.6	-4	127.7
19440	5.7	80.3	-3	130.1
19450	5.8	79.0	-2	133.1
19460	5.3	77.7	0	135.7
19470	5.7	76.3	1	138.4
19480	6.6	74.9	3	141.3
19490	5.6	73.4	4	144.2
19500	5.8	72.1	5	129.9
19510	18.8	70.7	7	116.0
19520	18.0	69.5	8	114.7
19530	11.7	68.5	9	89.9
19540	14.2	67.6	10	88.6
19550	14.5	66.7	11	85.9
19560	12.3	66.1	11	68.6
19570	12.5	65.4	12	60.6
19580	10.8	64.9	13	53.7
19590	8.1	64.4	13	42.0
19600	8.3	64.0	13	41.2
19610	8.4	63.6	14	36.4
19620	7.1	63.3	14	28.4
19630	6.6	63.0	14	28.2
19640	7.6	62.7	15	27.4
19650	7.1	62.5	15	21.8
19660	6.5	62.3	15	21.2
19670	6.5	62.1	15	17.0
19680	5.7	62.0	15	15.1
19690	4.7	61.8	16	11.9
19700	4.1	61.7	16	11.4
19710	3.1	61.6	16	11.1
19720	2.7	61.5	16	8.7
19730	1.9	61.4	16	8.5
19740	1.5	61.4	16	6.6
19750	0.9	61.3	16	6.1
19760	0.3	61.2	16	4.7
19770	0.0	61.2	16	5.0
19780	0.0	61.1	16	4.2
19790	-0.4	61.1	16	3.4
19800	-0.8	61.1	16	3.1
19810	-2.3	61.1	16	2.6
19820	-10.4	61.0	16	0.0
19830	-2.6	61.1	16	-4.2
19840	-1.9	61.1	16	-4.7
19850	-7.7	61.2	16	-6.3
19860	-5.3	61.3	16	-9.0
19870	-4.1	61.4	16	-14.1
19880	-7.2	61.5	16	-15.4
19890	-7.2	61.7	16	-17.0
19900	-5.2	61.9	16	-20.4
19910	-7.7	62.2	15	-28.2
19920	-8.4	62.5	15	-29.5

19930	-6.1	62.8	15	-30.6
19940	-7.9	63.2	14	-41.2
19950	-9.4	63.6	14	-41.7
19960	-7.9	64.0	13	-46.8
19970	-8.3	64.5	13	-45.7
19980	-10.0	65.1	12	-60.6
19990	-8.5	65.7	12	-60.4
20000	-8.7	66.3	11	-58.8
20010	-10.2	67.0	10	-76.9
20020	-9.4	67.8	10	-82.2
20030	-8.5	68.5	9	-87.8
20040	-9.5	69.4	8	-93.4
20050	-9.6	70.3	7	-98.5
20060	-9.4	71.2	6	-104.0
20070	-9.4	72.2	5	-109.6
20080	-9.4	73.2	4	-114.7
20090	-9.4	74.3	3	-109.1
20100	-8.4	75.4	2	-114.2
20110	-9.1	76.6	1	-118.4
20120	-9.4	77.8	0	-123.7
20130	-8.7	79.1	-2	-128.0
20140	-8.4	80.4	-3	-132.8
20150	-8.3	81.8	-4	-136.8
20160	-8.1	83.2	-6	-141.3
20170	-8.1	84.6	-7	-145.3
20180	-8.1	86.1	-9	-149.6
20190	-8.5	87.6	-10	-153.8
20200	-8.5	89.2	-12	-157.8
20210	-7.6	90.8	-13	-162.3
20220	-8.4	92.5	-15	-165.8
20230	-7.9	94.1	-17	-170.1
20240	-8.7	95.9	-18	-174.1
20250	-8.7	97.6	-20	-178.1
20260	-7.2	99.5	-22	-182.3
20270	-8.0	101.3	-24	-186.0
20280	-8.3	103.2	-26	-189.5
20290	-8.5	105.1	-28	-193.5
20300	-14.6	106.9	-29	-167.7
20310	-31.9	108.6	-31	-158.9
20320	-29.4	110.0	-33	-120.3
20330	-17.1	111.2	-34	-111.8
20340	-20.1	112.1	-35	-84.1
20350	-25.4	113.0	-36	-79.0
20360	-20.1	113.7	-36	-66.5
20370	-14.8	114.2	-37	-49.7
20380	-15.6	114.7	-37	-46.3
20390	-15.5	115.2	-38	-42.8
20400	-12.2	115.5	-38	-32.7
20410	-10.8	115.8	-38	-24.4
20420	-10.0	116.0	-39	-23.1
20430	-9.5	116.2	-39	-17.3
20440	-8.0	116.4	-39	-17.8
20450	-8.0	116.5	-39	-13.5
20460	-7.7	116.6	-39	-10.1

20470	-8.1	116.8	-39	-10.6
20480	-9.2	116.8	-39	-8.2
20490	-9.2	116.9	-39	-7.4
20500	-8.5	117.0	-40	-5.5
20510	-6.9	117.0	-40	-4.2
20520	-6.6	117.1	-40	-4.2
20530	-6.5	117.1	-40	-3.7
20540	-2.0	117.1	-40	-2.6
20550	-1.9	117.1	-40	-2.1
20560	-3.4	117.2	-40	-1.8
20570	-1.8	117.2	-40	-1.5
20580	-0.7	117.2	-40	-1.3
20590	-1.1	117.2	-40	-1.0
20600	-0.7	117.2	-40	-0.7
20610	0.7	117.2	-40	-0.7
20620	0.7	117.2	-40	0.0
20630	0.8	117.2	-40	0.2
20640	0.8	117.2	-40	0.0
20650	1.9	117.2	-40	0.7
20660	8.8	117.2	-40	1.5
20670	2.0	117.1	-40	6.1
20680	0.5	117.1	-40	7.1
20690	5.6	117.0	-40	7.9
20700	3.5	116.9	-39	10.9
20710	1.9	116.8	-39	13.3
20720	4.7	116.7	-39	14.3
20730	4.1	116.5	-39	17.0
20740	1.8	116.4	-39	17.8
20750	3.8	116.2	-39	18.9
20760	4.3	116.0	-39	18.9
20770	2.6	115.7	-38	25.2
20780	3.9	115.5	-38	24.7
20790	4.7	115.2	-38	24.2
20800	3.5	114.9	-37	31.9
20810	4.2	114.7	-37	31.1
20820	4.9	114.3	-37	30.0
20830	3.7	114.0	-37	32.2
20840	3.9	113.6	-36	34.6
20850	4.3	113.2	-36	35.9
20860	3.9	112.8	-35	38.0
20870	4.2	112.3	-35	48.9
20880	4.7	111.9	-34	46.8
20890	4.6	111.4	-34	44.1
20900	4.6	110.9	-33	56.7
20910	4.7	110.3	-33	58.3
20920	4.3	109.8	-32	61.7
20930	4.3	109.2	-32	64.4
20940	4.5	108.6	-31	66.8
20950	4.2	108.0	-31	69.2
20960	4.5	107.3	-30	71.8
20970	4.3	106.7	-29	74.2
20980	4.3	106.0	-29	76.6
20990	4.2	105.3	-28	79.0
21000	3.9	104.5	-27	73.7

21010	4.1	103.8	-26	75.8
21020	4.2	103.0	-26	78.0
21030	4.1	102.2	-25	79.8
21040	4.3	101.4	-24	81.9
21050	4.3	100.5	-23	84.3
21060	4.1	99.7	-22	86.7
21070	4.7	98.8	-21	88.9
21080	5.2	97.9	-20	91.0
21090	5.2	97.0	-20	93.9
21100	4.9	96.0	-19	96.3
21110	5.0	95.0	-18	99.0
21120	5.4	94.0	-17	101.6
21130	5.3	93.0	-16	104.3
21140	5.2	91.9	-14	107.0
21150	5.2	90.8	-13	109.1
21160	5.3	89.7	-12	111.8
21170	5.6	88.6	-11	114.4
21180	5.4	87.4	-10	117.4
21190	5.6	86.2	-9	120.0
21200	6.0	85.0	-8	122.7
21210	5.6	83.7	-6	125.6
21220	5.8	82.5	-5	128.3
21230	5.4	81.2	-4	131.2
21240	5.6	79.8	-2	133.9
21250	5.6	78.5	-1	136.5
21260	4.9	77.1	0	139.2
21270	5.4	75.7	2	141.6
21280	6.2	74.2	3	144.5
21290	4.3	72.8	5	146.6
21300	12.2	71.4	6	153.0
21310	20.5	70.1	7	124.0
21320	14.9	69.0	8	108.8
21330	12.1	68.0	9	104.6
21340	15.2	67.2	10	84.3
21350	12.7	66.4	11	74.0
21360	11.8	65.7	12	64.6
21370	12.2	65.1	12	57.5
21380	9.4	64.6	13	50.5
21390	7.9	64.2	13	44.1
21400	8.4	63.7	14	42.5
21410	8.0	63.4	14	34.0
21420	7.1	63.1	14	30.0
21430	7.1	62.8	15	23.6
21440	7.7	62.6	15	23.4
21450	7.5	62.4	15	18.6
21460	7.3	62.2	15	18.1
21470	6.8	62.0	15	14.6
21480	5.8	61.9	16	14.1
21490	4.7	61.7	16	13.3
21500	3.7	61.6	16	10.9
21510	3.3	61.5	16	10.1
21520	2.2	61.4	16	7.4
21530	1.8	61.4	16	7.1
21540	1.6	61.3	16	5.8

21550	0.7	61.2	16	6.1
21560	0.1	61.2	16	4.7
21570	0.0	61.2	16	3.4
21580	0.0	61.1	16	3.1
21590	-0.7	61.1	16	2.9
21600	-1.1	61.1	16	2.3
21610	-8.3	61.0	16	1.5
21620	-6.5	61.0	16	-1.8
21630	-1.2	61.1	16	-5.5
21640	-4.6	61.1	16	-5.8
21650	-8.1	61.2	16	-8.5
21660	-4.7	61.3	16	-11.1
21670	-5.8	61.5	16	-13.8
21680	-9.6	61.7	16	-20.4
21690	-7.2	61.9	16	-23.1
21700	-6.8	62.1	15	-27.1
21710	-10.2	62.4	15	-27.9
21720	-8.9	62.8	15	-39.6
21730	-7.5	63.2	14	-45.2
21740	-10.0	63.6	14	-45.7
21750	-10.7	64.1	13	-46.0
21760	-9.1	64.7	13	-61.7
21770	-10.2	65.3	12	-61.2
21780	-10.7	65.9	12	-60.6
21790	-9.8	66.6	11	-64.9
21800	-9.9	67.4	10	-69.7
21810	-10.8	68.2	9	-91.0
21820	-10.0	69.1	8	-97.1
21830	-9.5	70.0	7	-102.7
21840	-10.8	71.0	6	-108.3
21850	-9.9	72.0	5	-114.7
21860	-8.8	73.1	4	-120.0
21870	-10.3	74.2	3	-113.9
21880	-9.6	75.4	2	-119.5
21890	-8.8	76.7	1	-124.3
21900	-9.6	77.9	0	-129.3
21910	-9.5	79.3	-2	-133.9
21920	-7.9	80.7	-3	-139.2
21930	-8.0	82.1	-5	-143.2
21940	-8.9	83.5	-6	-147.4
21950	-8.0	85.0	-8	-151.7
21960	-7.9	86.6	-9	-155.7
21970	-8.5	88.2	-11	-160.0
21980	-8.5	89.8	-12	-163.9
21990	-6.4	91.5	-14	-168.5
22000	-7.9	93.2	-16	-171.7
22010	-8.7	94.9	-17	-175.1
22020	-6.6	96.7	-19	-179.4
22030	-6.8	98.5	-21	-182.6
22040	-7.1	100.4	-23	-185.8
22050	-6.5	102.3	-25	-189.0
22060	-6.0	104.2	-27	-192.4
22070	-7.5	106.0	-29	-175.1
22080	-25.2	107.8	-30	-153.6

22090	-27.8	109.3	-32	-145.3
22100	-18.3	110.6	-33	-110.7
22110	-16.1	111.7	-34	-101.9
22120	-18.4	112.6	-35	-76.9
22130	-14.9	113.3	-36	-72.4
22140	-11.1	114.0	-37	-66.2
22150	-11.9	114.5	-37	-51.1
22160	-10.4	115.0	-38	-42.5
22170	-9.2	115.3	-38	-32.2
22180	-9.2	115.6	-38	-30.0
22190	-8.3	115.9	-38	-22.6
22200	-7.7	116.1	-39	-21.2
22210	-7.5	116.3	-39	-16.2
22220	-5.4	116.5	-39	-16.7
22230	-6.1	116.6	-39	-12.5
22240	-7.1	116.7	-39	-11.7
22250	-5.2	116.8	-39	-9.0
22260	-2.7	116.9	-39	-6.6
22270	-1.8	117.0	-40	-6.6
22280	-1.6	117.0	-40	-5.0
22290	-1.5	117.1	-40	-3.9
22300	-0.8	117.1	-40	-3.1
22310	-0.7	117.1	-40	-2.6
22320	-0.4	117.2	-40	-2.3
22330	-0.1	117.2	-40	-2.1
22340	0.0	117.2	-40	-1.5
22350	0.3	117.2	-40	-1.3
22360	0.5	117.2	-40	-1.0
22370	0.8	117.2	-40	-0.5
22380	0.8	117.2	-40	0.0
22390	3.9	117.2	-40	0.5
22400	8.4	117.2	-40	2.3
22410	1.2	117.2	-40	5.3
22420	0.8	117.1	-40	5.8
22430	5.4	117.0	-40	6.3
22440	2.8	116.9	-39	9.5
22450	1.9	116.8	-39	12.7
22460	5.3	116.7	-39	13.8
22470	3.8	116.6	-39	14.9
22480	2.3	116.4	-39	15.4
22490	4.5	116.2	-39	16.7
22500	4.2	116.0	-39	18.9
22510	3.1	115.8	-38	25.5
22520	4.2	115.6	-38	25.0
22530	4.5	115.3	-38	27.4
22540	3.9	115.0	-38	26.6
22550	4.2	114.7	-37	35.1
22560	4.3	114.3	-37	37.2
22570	4.1	114.0	-37	39.4
22580	4.2	113.6	-36	42.0
22590	4.1	113.2	-36	40.4
22600	4.1	112.8	-35	38.6
22610	4.2	112.3	-35	49.5
22620	4.1	111.9	-34	47.1

22630	4.3	111.4	-34	44.1
22640	4.6	110.9	-33	46.3
22650	4.2	110.4	-33	48.4
22660	4.3	109.8	-32	61.4
22670	4.7	109.2	-32	63.8
22680	4.5	108.6	-31	66.8
22690	4.3	108.0	-31	68.9
22700	5.0	107.3	-30	71.6
22710	4.5	106.6	-29	74.5
22720	4.7	106.0	-29	77.2
22730	5.3	105.2	-28	79.8
22740	4.7	104.5	-27	75.0
22750	4.6	103.7	-26	77.7
22760	5.3	102.9	-25	80.1
22770	5.0	102.1	-25	82.7
22780	5.0	101.3	-24	85.7
22790	4.6	100.4	-23	88.1
22800	4.7	99.5	-22	90.5
22810	5.3	98.6	-21	93.1
22820	5.2	97.6	-20	95.8
22830	5.3	96.6	-19	98.2
22840	4.9	95.6	-18	101.1
22850	5.4	94.6	-17	103.5
22860	6.1	93.5	-16	106.2
22870	5.6	92.5	-15	109.4
22880	5.3	91.3	-14	112.0
22890	5.7	90.2	-13	115.0
22900	6.0	89.0	-12	117.6
22910	5.8	87.8	-10	120.5
22920	5.8	86.6	-9	123.5
22930	6.0	85.3	-8	126.4
22940	5.7	84.1	-7	129.3
22950	6.1	82.7	-5	132.5
22960	5.8	81.4	-4	135.5
22970	6.2	80.0	-3	138.1
22980	6.1	78.6	-1	141.3
22990	5.4	77.2	0	144.2
23000	5.7	75.7	2	146.9
23010	6.5	74.2	3	149.8
23020	5.6	72.8	5	137.1
23030	14.0	71.3	6	129.1
23040	22.8	69.9	8	139.2
23050	16.4	68.8	9	111.0
23060	14.8	67.8	10	96.6
23070	17.9	66.9	11	93.4
23080	15.1	66.2	11	74.0
23090	14.1	65.5	12	64.6
23100	14.6	64.9	13	56.9
23110	11.1	64.4	13	49.7
23120	9.2	64.0	13	42.8
23130	9.5	63.6	14	37.8
23140	8.3	63.2	14	33.0
23150	7.6	62.9	15	31.4
23160	8.5	62.7	15	25.2

23170	8.1	62.5	15	22.0
23180	7.5	62.3	15	17.3
23190	7.6	62.1	15	17.0
23200	6.9	61.9	16	14.9
23210	5.7	61.8	16	11.4
23220	5.0	61.7	16	11.1
23230	4.1	61.6	16	10.6
23240	3.0	61.5	16	8.2
23250	2.0	61.4	16	7.4
23260	1.8	61.4	16	5.8
23270	1.4	61.3	16	5.8
23280	0.8	61.2	16	4.2
23290	0.4	61.2	16	4.5
23300	0.0	61.2	16	3.4
23310	0.0	61.1	16	3.1
23320	-0.4	61.1	16	3.1
23330	-0.7	61.1	16	2.6
23340	-0.9	61.1	16	2.1
23350	-6.0	61.0	16	1.3
23360	-6.1	61.0	16	-1.5
23370	-1.1	61.1	16	-3.9
23380	-3.4	61.1	16	-4.5
23390	-6.1	61.2	16	-7.7
23400	-2.8	61.3	16	-10.6
23410	-4.6	61.4	16	-12.7
23420	-6.4	61.5	16	-13.8
23430	-4.5	61.7	16	-18.9
23440	-4.9	61.9	16	-19.7
23450	-6.8	62.1	15	-20.2
23460	-6.1	62.4	15	-28.4
23470	-6.4	62.6	15	-32.2
23480	-7.9	62.9	15	-32.7
23490	-8.1	63.3	14	-33.2
23500	-7.9	63.7	14	-37.8
23510	-9.5	64.2	13	-50.3
23520	-9.9	64.6	13	-50.3
23530	-9.5	65.2	12	-50.0
23540	-9.9	65.8	12	-66.8
23550	-10.6	66.4	11	-66.0
23560	-10.4	67.1	10	-64.1
23570	-10.7	67.9	10	-69.4
23580	-11.4	68.7	9	-91.3
23590	-11.0	69.6	8	-97.7
23600	-11.4	70.5	7	-94.2
23610	-11.9	71.5	6	-90.5
23620	-11.7	72.5	5	-95.8
23630	-11.4	73.7	4	-112.6
23640	-11.5	74.9	3	-119.2
23650	-11.0	76.1	1	-124.8
23660	-10.8	77.4	0	-131.2
23670	-11.0	78.7	-1	-137.1
23680	-10.3	80.2	-3	-142.9
23690	-9.2	81.6	-4	-148.2
23700	-9.1	83.1	-6	-153.0

23710	-9.6	84.7	-7	-157.6
23720	-8.8	86.3	-9	-162.3
23730	-8.5	88.0	-11	-166.9
23740	-9.2	89.7	-12	-171.4
23750	-7.9	91.4	-14	-175.9
23760	-8.3	93.2	-16	-180.2
23770	-8.9	95.1	-18	-183.6
23780	-8.3	96.9	-19	-188.2
23790	-7.1	98.8	-21	-192.7
23800	-7.3	100.8	-23	-195.6
23810	-7.7	102.8	-25	-198.8
23820	-7.6	104.8	-27	-202.8
23830	-10.6	106.8	-29	-220.1
23840	-31.3	108.5	-31	-169.8
23850	-31.3	110.0	-33	-141.8
23860	-18.7	111.2	-34	-105.4
23870	-19.8	112.2	-35	-97.4
23880	-24.3	113.1	-36	-81.4
23890	-20.3	113.8	-36	-60.6
23900	-15.3	114.4	-37	-55.9
23910	-14.4	114.9	-37	-41.5
23920	-13.4	115.3	-38	-38.8
23930	-11.3	115.6	-38	-28.7
23940	-9.1	115.9	-38	-29.0
23950	-8.0	116.1	-39	-22.0
23960	-7.6	116.3	-39	-19.9
23970	-7.9	116.5	-39	-15.1
23980	-6.9	116.6	-39	-13.8
23990	-6.4	116.7	-39	-10.6
24000	-7.2	116.8	-39	-7.9
24010	-8.1	116.9	-39	-7.1
24020	-9.4	117.0	-40	-5.5
24030	-9.2	117.0	-40	-5.8
24040	-6.8	117.1	-40	-4.2
24050	-5.6	117.1	-40	-3.1
24060	-5.3	117.1	-40	-2.6
24070	-0.7	117.1	-40	-2.1
24080	-3.0	117.2	-40	-2.1
24090	-3.7	117.2	-40	-1.3
24100	-1.5	117.2	-40	-1.3
24110	-0.1	117.2	-40	-0.7
24120	0.0	117.2	-40	-0.7
24130	0.3	117.2	-40	-0.7
24140	0.5	117.2	-40	-0.2
24150	0.7	117.2	-40	0.0
24160	0.7	117.2	-40	-0.2
24170	0.8	117.2	-40	0.7
24180	2.3	117.2	-40	0.5
24190	7.6	117.2	-40	2.9
24200	2.6	117.1	-40	6.3
24210	1.6	117.1	-40	7.9
24220	5.3	117.0	-40	9.0
24230	3.8	116.9	-39	11.9
24240	3.3	116.8	-39	14.3

24250	4.6	116.6	-39	16.5
24260	4.2	116.5	-39	18.9
24270	3.1	116.3	-39	21.5
24280	4.3	116.1	-39	21.5
24290	4.2	115.8	-38	23.6
24300	3.8	115.6	-38	23.6
24310	4.6	115.3	-38	28.2
24320	4.6	115.0	-38	33.5
24330	4.3	114.7	-37	33.0
24340	4.5	114.3	-37	31.6
24350	4.5	114.0	-37	34.0
24360	4.1	113.6	-36	35.9
24370	4.2	113.1	-36	46.3
24380	4.3	112.7	-35	48.7
24390	4.2	112.2	-35	51.1
24400	4.1	111.8	-34	48.7
24410	4.1	111.3	-34	45.7
24420	4.1	110.8	-33	47.3
24430	3.9	110.2	-33	50.0
24440	3.9	109.6	-32	51.1
24450	3.9	109.1	-32	52.9
24460	3.7	108.4	-31	66.8
24470	3.8	107.8	-30	68.6
24480	3.8	107.2	-30	71.3
24490	4.2	106.5	-29	73.2
24500	4.3	105.8	-28	75.6
24510	4.2	105.1	-28	77.7
24520	3.9	104.4	-27	72.9
24530	4.6	103.7	-26	75.0
24540	4.7	102.9	-25	77.4
24550	4.2	102.1	-25	79.6
24560	4.5	101.3	-24	81.9
24570	4.5	100.4	-23	84.1
24580	4.5	99.6	-22	86.2
24590	5.3	98.7	-21	88.9
24600	5.3	97.8	-20	91.5
24610	5.2	96.9	-19	94.2
24620	4.9	95.9	-18	96.9
24630	5.3	94.9	-17	99.5
24640	5.0	93.9	-16	102.2
24650	5.6	92.8	-15	104.8
24660	4.9	91.8	-14	107.2
24670	5.3	90.7	-13	109.9
24680	6.0	89.6	-12	112.6
24690	5.8	88.4	-11	115.2
24700	5.2	87.2	-10	118.2
24710	5.4	86.0	-9	120.8
24720	5.8	84.8	-7	123.7
24730	5.3	83.6	-6	126.1
24740	5.7	82.3	-5	129.1
24750	5.8	81.0	-4	131.5
24760	5.7	79.6	-2	134.7
24770	5.7	78.3	-1	137.3
24780	5.2	76.9	1	140.0

24790	6.0	75.4	2	142.4
24800	6.1	74.0	3	145.3
24810	5.2	72.5	5	148.0
24820	14.6	71.2	6	123.2
24830	20.9	69.9	8	121.6
24840	13.3	68.8	9	95.8
24850	12.7	67.9	10	93.4
24860	16.4	67.0	10	82.7
24870	12.2	66.3	11	64.9
24880	11.1	65.6	12	63.3
24890	12.3	65.0	12	56.1
24900	9.6	64.5	13	49.2
24910	8.1	64.0	13	47.3
24920	8.4	63.7	14	37.8
24930	7.6	63.3	14	33.2
24940	6.8	63.0	14	31.6
24950	7.2	62.8	15	25.5
24960	7.1	62.5	15	20.2
24970	6.6	62.3	15	20.2
24980	6.5	62.1	15	17.5
24990	6.0	62.0	15	14.1
25000	5.3	61.8	16	13.3
25010	4.3	61.7	16	12.7
25020	3.5	61.6	16	10.3
25030	3.0	61.5	16	9.5
25040	1.9	61.4	16	7.7
25050	1.5	61.4	16	6.6
25060	0.9	61.3	16	5.3
25070	0.1	61.3	16	5.3
25080	0.0	61.2	16	3.9
25090	0.0	61.2	16	4.2
25100	-0.1	61.1	16	3.7
25110	-0.5	61.1	16	3.4
25120	-0.9	61.1	16	2.9
25130	-5.0	61.0	16	2.1
25140	-5.8	61.0	16	-0.7
25150	-0.9	61.1	16	-3.4
25160	-3.9	61.1	16	-4.2
25170	-6.9	61.2	16	-6.1
25180	-4.1	61.3	16	-9.5
25190	-5.3	61.4	16	-10.3
25200	-8.4	61.5	16	-13.3
25210	-6.5	61.7	16	-20.7
25220	-6.5	61.9	16	-22.3
25230	-9.4	62.1	15	-23.1
25240	-8.1	62.4	15	-33.8
25250	-7.2	62.8	15	-35.1
25260	-9.9	63.2	14	-35.4
25270	-9.6	63.6	14	-49.2
25280	-8.8	64.1	13	-49.7
25290	-10.4	64.6	13	-48.9
25300	-10.7	65.2	12	-66.0
25310	-9.2	65.9	12	-71.8
25320	-10.2	66.5	11	-70.8

25330	-10.8	67.3	10	-68.4
25340	-9.9	68.1	9	-89.7
25350	-9.8	68.9	9	-87.0
25360	-10.4	69.8	8	-83.0
25370	-10.6	70.8	7	-87.3
25380	-9.4	71.8	6	-92.6
25390	-9.5	72.9	5	-107.8
25400	-9.4	74.0	3	-112.6
25410	-8.3	75.2	2	-117.9
25420	-8.8	76.4	1	-122.1
25430	-8.9	77.7	0	-126.9
25440	-8.3	79.0	-2	-131.5
25450	-7.9	80.3	-3	-136.0
25460	-8.0	81.7	-4	-140.0
25470	-7.6	83.2	-6	-144.2
25480	-7.5	84.6	-7	-147.7
25490	-7.3	86.1	-9	-151.7
25500	-7.9	87.7	-10	-155.2
25510	-7.6	89.3	-12	-159.2
25520	-6.5	90.9	-13	-163.1
25530	-7.7	92.5	-15	-165.8
25540	-7.2	94.2	-17	-169.5
25550	-7.6	95.9	-18	-173.0
25560	-7.9	97.7	-20	-176.5
25570	-6.2	99.5	-22	-180.4
25580	-6.9	101.3	-24	-183.4
25590	-7.2	103.2	-26	-186.3
25600	-7.7	105.1	-28	-189.8
25610	-11.4	106.8	-29	-168.7
25620	-29.7	108.6	-31	-171.9
25630	-27.4	109.9	-32	-132.5
25640	-15.6	111.0	-34	-111.2
25650	-17.8	112.1	-35	-102.4
25660	-24.0	112.8	-35	-71.0
25670	-19.0	113.5	-36	-67.0
25680	-12.6	114.2	-37	-61.4
25690	-13.8	114.6	-37	-47.1
25700	-14.4	115.1	-38	-43.3
25710	-10.8	115.4	-38	-33.5
25720	-8.5	115.7	-38	-25.0
25730	-8.4	115.9	-38	-25.8
25740	-9.1	116.1	-39	-19.9
25750	-8.0	116.3	-39	-18.3
25760	-7.2	116.5	-39	-14.3
25770	-7.1	116.6	-39	-10.6
25780	-7.2	116.7	-39	-11.1
25790	-8.0	116.8	-39	-8.5
25800	-8.7	116.9	-39	-7.4
25810	-8.7	116.9	-39	-5.5
25820	-6.0	117.0	-40	-5.3
25830	-5.3	117.0	-40	-4.5
25840	-6.1	117.0	-40	-3.7
25850	0.0	117.1	-40	-2.3
25860	-2.0	117.1	-40	-1.8

25870	-3.9	117.1	-40	-2.3
25880	-2.3	117.1	-40	-1.8
25890	-0.4	117.2	-40	-1.3
25900	-0.5	117.2	-40	-1.0
25910	0.0	117.2	-40	-1.0
25920	0.5	117.2	-40	-0.5
25930	0.7	117.2	-40	-0.2
25940	0.7	117.2	-40	0.0
25950	0.7	117.2	-40	-0.2
25960	0.7	117.2	-40	0.7
25970	1.2	117.2	-40	0.5
25980	7.1	117.2	-40	0.7
25990	3.4	117.1	-40	4.7
26000	1.1	117.1	-40	6.3
26010	3.9	117.0	-40	7.4
26020	3.7	116.9	-39	10.1
26030	2.2	116.8	-39	12.7
26040	3.9	116.7	-39	13.8
26050	4.6	116.6	-39	14.6
26060	2.6	116.4	-39	15.1
26070	3.0	116.2	-39	18.3
26080	4.5	116.0	-39	22.0
26090	3.5	115.8	-38	22.0
26100	3.4	115.6	-38	21.8
26110	4.9	115.3	-38	23.9
26120	4.3	115.0	-38	25.8
26130	4.2	114.7	-37	34.0
26140	4.7	114.4	-37	36.4
26150	3.9	114.0	-37	38.8
26160	3.8	113.7	-36	41.7
26170	4.2	113.3	-36	39.9
26180	4.1	112.9	-35	38.0
26190	3.9	112.4	-35	48.9
26200	4.2	111.9	-34	51.3
26210	4.5	111.5	-34	48.7
26220	4.7	111.0	-34	45.7
26230	4.7	110.4	-33	58.5
26240	4.5	109.9	-32	61.4
26250	4.6	109.3	-32	58.3
26260	4.7	108.7	-31	54.3
26270	4.1	108.1	-31	68.9
26280	4.3	107.4	-30	71.3
26290	4.6	106.8	-29	73.7
26300	4.3	106.1	-29	76.1
26310	4.3	105.4	-28	78.5
26320	4.6	104.6	-27	73.7
26330	4.5	103.9	-26	76.1
26340	4.9	103.1	-26	78.5
26350	4.9	102.3	-25	80.6
26360	4.5	101.5	-24	83.3
26370	4.7	100.6	-23	85.4
26380	4.1	99.7	-22	87.8
26390	4.3	98.9	-21	90.2
26400	4.9	97.9	-20	92.3

26410	4.7	97.0	-20	94.5
26420	4.3	96.0	-19	96.9
26430	4.6	95.0	-18	99.3
26440	5.4	94.0	-17	101.6
26450	4.9	93.0	-16	104.0
26460	4.9	91.9	-14	106.7
26470	4.7	90.9	-13	108.8
26480	5.0	89.7	-12	111.2
26490	5.3	88.6	-11	113.6
26500	5.2	87.5	-10	116.3
26510	5.2	86.3	-9	118.7
26520	5.6	85.1	-8	121.3
26530	5.3	83.8	-6	124.0
26540	5.7	82.6	-5	126.7
26550	5.6	81.3	-4	129.1
26560	5.8	80.0	-3	131.7
26570	6.0	78.6	-1	134.9
26580	5.2	77.3	0	137.9
26590	5.4	75.9	2	140.0
26600	6.4	74.4	3	143.2
26610	5.6	73.0	4	145.8
26620	9.9	71.6	6	126.7
26630	21.6	70.3	7	137.9
26640	16.8	69.2	8	110.7
26650	13.0	68.2	9	96.9
26660	16.7	67.3	10	93.9
26670	14.4	66.5	11	75.6
26680	13.2	65.8	12	66.0
26690	14.5	65.2	12	58.5
26700	11.9	64.7	13	51.1
26710	9.5	64.2	13	44.9
26720	9.6	63.8	14	39.6
26730	9.4	63.4	14	38.3
26740	8.8	63.1	14	30.6
26750	8.8	62.9	15	26.8
26760	8.8	62.6	15	21.2
26770	8.5	62.4	15	21.0
26780	8.4	62.2	15	20.2
26790	8.3	62.0	15	16.5
26800	7.7	61.9	16	14.3
26810	6.6	61.8	16	11.1
26820	5.7	61.7	16	10.9
26830	5.2	61.5	16	10.3
26840	4.2	61.5	16	8.2
26850	3.4	61.4	16	7.1
26860	3.1	61.3	16	5.8
26870	2.6	61.3	16	5.5
26880	2.0	61.2	16	4.7
26890	1.8	61.2	16	4.2
26900	1.1	61.1	16	3.1
26910	0.3	61.1	16	3.7
26920	0.1	61.1	16	3.1
26930	0.0	61.0	16	2.9
26940	0.0	61.0	16	2.3

26950	-0.5	61.0	16	2.1
26960	-0.7	61.0	16	1.8
26970	-1.1	61.0	16	1.3
26980	-6.1	61.0	16	0.0
26990	-5.7	61.0	16	-1.8
27000	-0.7	61.0	16	-3.9
27010	-4.1	61.1	16	-4.5
27020	-6.0	61.1	16	-6.3
27030	-2.7	61.2	16	-9.3
27040	-4.5	61.3	16	-10.9
27050	-6.1	61.5	16	-13.0
27060	-3.9	61.6	16	-15.7
27070	-4.5	61.8	16	-17.5
27080	-6.4	62.1	15	-24.4
27090	-5.0	62.3	15	-25.2
27100	-5.3	62.6	15	-28.2
27110	-7.3	62.9	15	-27.9
27120	-6.9	63.2	14	-38.6
27130	-6.4	63.6	14	-38.6
27140	-8.3	64.0	13	-38.0
27150	-8.1	64.5	13	-51.1
27160	-7.2	65.0	12	-55.9
27170	-7.6	65.5	12	-54.5
27180	-8.3	66.1	11	-64.6
27190	-7.7	66.7	11	-63.0
27200	-7.6	67.3	10	-60.1
27210	-8.3	68.0	9	-64.1
27220	-7.7	68.8	9	-68.9
27230	-7.1	69.6	8	-71.3
27240	-7.9	70.4	7	-75.0
27250	-7.5	71.3	6	-95.5
27260	-6.0	72.2	5	-99.5
27270	-6.1	73.1	4	-103.0
27280	-6.6	74.1	3	-96.6
27290	-5.3	75.1	2	-100.0
27300	-5.6	76.1	1	-102.7
27310	-5.7	77.1	0	-105.6
27320	-5.7	78.2	-1	-108.3
27330	-5.0	79.3	-2	-111.2
27340	-5.2	80.5	-3	-113.9
27350	-5.3	81.6	-4	-116.3
27360	-4.6	82.8	-5	-119.2
27370	-4.6	84.0	-7	-121.1
27380	-4.2	85.2	-8	-123.2
27390	-3.9	86.5	-9	-125.1
27400	-3.5	87.7	-10	-126.9
27410	-3.8	89.0	-12	-128.3
27420	-3.1	90.3	-13	-130.1
27430	-2.7	91.6	-14	-131.2
27440	-2.7	92.9	-15	-132.3
27450	-2.8	94.3	-17	-133.3
27460	-2.6	95.6	-18	-134.4
27470	-2.3	97.0	-20	-135.2
27480	-2.0	98.3	-21	-135.7

27490	-1.9	99.7	-22	-136.5
27500	-1.8	101.1	-24	-137.1
27510	-1.9	102.4	-25	-137.6
27520	-1.9	103.8	-26	-138.1
27530	-2.2	105.2	-28	-138.4
27540	-5.6	106.5	-29	-121.6
27550	-16.4	107.7	-30	-107.8
27560	-13.2	108.8	-31	-115.0
27570	-7.5	109.7	-32	-92.3
27580	-10.6	110.6	-33	-89.9
27590	-13.4	111.3	-34	-73.2
27600	-8.1	112.0	-35	-71.0
27610	-6.2	112.6	-35	-57.2
27620	-7.7	113.1	-36	-55.6
27630	-6.4	113.6	-36	-44.9
27640	-3.9	114.0	-37	-43.6
27650	-3.9	114.4	-37	-35.4
27660	-4.9	114.7	-37	-34.3
27670	-4.5	115.0	-38	-27.6
27680	-3.4	115.2	-38	-24.4
27690	-3.7	115.4	-38	-21.5
27700	-3.9	115.6	-38	-17.3
27710	-3.0	115.8	-38	-17.0
27720	-1.9	116.0	-39	-13.5
27730	-1.6	116.1	-39	-14.6
27740	-1.1	116.2	-39	-11.9
27750	-0.5	116.4	-39	-11.4
27760	-0.4	116.4	-39	-9.5
27770	-0.4	116.5	-39	-9.0
27780	-0.1	116.6	-39	-7.4
27790	0.0	116.7	-39	-6.6
27800	0.0	116.7	-39	-5.8
27810	0.0	116.8	-39	-4.7
27820	0.0	116.8	-39	-5.0
27830	0.3	116.9	-39	-3.9
27840	0.7	116.9	-39	-3.4
27850	1.1	116.9	-39	-2.6
27860	4.5	117.0	-40	-2.1
27870	3.4	117.0	-40	0.2
27880	0.7	117.0	-40	0.7
27890	2.0	117.0	-40	1.5
27900	3.1	116.9	-39	2.6
27910	1.8	116.9	-39	4.2
27920	2.3	116.8	-39	4.5
27930	3.7	116.8	-39	5.5
27940	2.0	116.7	-39	9.0
27950	2.6	116.6	-39	10.6
27960	4.3	116.5	-39	12.2
27970	3.7	116.4	-39	14.6
27980	3.5	116.2	-39	15.1
27990	4.9	116.1	-39	17.3
28000	4.6	115.9	-38	17.5
28010	4.5	115.7	-38	24.7
28020	5.3	115.4	-38	27.4

28030	5.2	115.1	-38	30.6
28040	4.9	114.9	-37	30.3
28050	5.0	114.5	-37	29.8
28060	5.3	114.2	-37	31.9
28070	5.2	113.8	-36	34.6
28080	5.4	113.4	-36	45.2
28090	5.7	113.0	-36	43.9
28100	5.6	112.5	-35	42.3
28110	5.6	112.0	-35	45.5
28120	5.4	111.5	-34	52.9
28130	5.6	110.9	-33	61.2
28140	5.3	110.4	-33	58.3
28150	5.3	109.8	-32	55.1
28160	5.2	109.1	-32	57.7
28170	5.2	108.5	-31	60.1
28180	5.2	107.8	-30	62.5
28190	5.3	107.1	-30	64.9
28200	5.4	106.3	-29	67.0
28210	5.4	105.6	-28	69.7
28220	5.3	104.7	-27	80.1
28230	5.3	103.9	-26	82.7
28240	5.6	103.1	-26	85.7
28250	5.3	102.2	-25	88.3
28260	4.9	101.3	-24	91.3
28270	4.9	100.4	-23	93.7
28280	5.2	99.4	-22	96.1
28290	5.4	98.4	-21	98.7
28300	5.4	97.4	-20	101.4
28310	5.2	96.4	-19	104.3
28320	5.3	95.3	-18	107.2
28330	5.4	94.2	-17	109.4
28340	5.6	93.1	-16	112.6
28350	5.4	92.0	-15	115.2
28360	5.4	90.8	-13	117.9
28370	5.6	89.6	-12	120.5
28380	6.1	88.4	-11	123.2
28390	5.7	87.1	-10	126.1
28400	5.6	85.8	-8	128.8
28410	6.5	84.5	-7	131.7
28420	6.4	83.2	-6	134.9
28430	6.2	81.8	-4	138.1
28440	7.1	80.4	-3	141.3
28450	6.9	79.0	-2	144.5
28460	6.1	77.5	0	147.7
28470	6.1	76.0	1	150.9
28480	7.1	74.4	3	154.1
28490	6.1	72.9	5	157.3
28500	13.3	71.4	6	135.2
28510	24.8	70.0	7	145.0
28520	18.0	68.9	9	115.2
28530	15.5	67.8	10	100.0
28540	19.4	66.9	11	87.5
28550	15.7	66.1	11	68.1
28560	14.4	65.4	12	66.0

28570	16.0	64.8	13	57.7
28580	12.6	64.3	13	50.3
28590	10.7	63.8	14	47.6
28600	11.3	63.5	14	38.0
28610	10.3	63.1	14	32.7
28620	9.9	62.8	15	31.4
28630	10.6	62.6	15	24.7
28640	10.3	62.4	15	21.8
28650	9.9	62.2	15	17.0
28660	10.3	62.0	15	16.7
28670	9.8	61.8	16	12.7
28680	8.5	61.7	16	12.5
28690	7.3	61.6	16	11.9
28700	6.6	61.5	16	9.3
28710	5.4	61.4	16	7.9
28720	5.0	61.3	16	6.1
28730	4.7	61.3	16	6.9
28740	3.9	61.2	16	5.3
28750	3.7	61.2	16	5.0
28760	3.1	61.1	16	4.2
28770	1.9	61.1	16	3.1
28780	0.9	61.1	16	2.3
28790	0.0	61.1	16	2.6
28800	0.0	61.0	16	2.3
28810	-0.5	61.0	16	1.8
28820	-0.8	61.0	16	1.5
28830	-1.6	61.0	16	0.7
28840	-10.6	61.0	16	-1.0
28850	-2.2	61.0	16	-5.3
28860	-0.3	61.1	16	-6.1
28870	-6.9	61.1	16	-6.6
28880	-4.3	61.2	16	-10.1
28890	-1.4	61.3	16	-12.5
28900	-6.8	61.5	16	-13.5
28910	-6.1	61.6	16	-17.3
28920	-3.0	61.8	16	-20.7
28930	-6.9	62.0	15	-21.0
28940	-8.0	62.2	15	-21.8
28950	-4.7	62.5	15	-31.4
28960	-6.9	62.8	15	-31.1
28970	-8.8	63.1	14	-31.4
28980	-6.4	63.5	14	-35.6
28990	-7.1	64.0	13	-47.6
29000	-8.9	64.4	13	-46.8
29010	-7.2	64.9	13	-46.0
29020	-6.4	65.5	12	-60.6
29030	-8.1	66.0	11	-58.8
29040	-8.1	66.6	11	-56.7
29050	-6.2	67.3	10	-60.4
29060	-7.9	68.0	9	-63.3
29070	-8.3	68.8	9	-82.2
29080	-6.4	69.5	8	-86.5
29090	-7.3	70.4	7	-89.9
29100	-8.1	71.2	6	-94.2

29110	-6.4	72.1	5	-98.7
29120	-6.0	73.0	4	-101.9
29130	-7.1	74.0	3	-95.8
29140	-6.2	75.0	2	-100.0
29150	-5.2	76.0	1	-103.0
29160	-6.6	77.0	0	-105.9
29170	-6.6	78.1	-1	-109.1
29180	-4.9	79.2	-2	-112.3
29190	-5.6	80.4	-3	-115.2
29200	-6.4	81.5	-4	-117.6
29210	-5.2	82.7	-5	-120.8
29220	-5.0	84.0	-7	-123.2
29230	-5.8	85.2	-8	-125.9
29240	-5.7	86.5	-9	-128.3
29250	-4.6	87.8	-10	-131.2
29260	-5.4	89.1	-12	-133.3
29270	-5.0	90.5	-13	-136.0
29280	-4.5	91.9	-14	-138.4
29290	-4.3	93.3	-16	-140.5
29300	-5.7	94.7	-17	-142.4
29310	-4.7	96.1	-19	-145.0
29320	-4.9	97.6	-20	-146.9
29330	-3.8	99.1	-22	-149.3
29340	-4.7	100.6	-23	-150.9
29350	-3.9	102.1	-25	-153.0
29360	-3.9	103.7	-26	-154.6
29370	-4.9	105.2	-28	-156.2
29380	-10.2	106.8	-29	-150.4
29390	-20.6	108.0	-31	-131.5
29400	-17.2	109.3	-32	-125.6
29410	-10.7	110.3	-33	-99.3
29420	-13.2	111.2	-34	-95.0
29430	-17.5	111.9	-34	-75.8
29440	-12.9	112.7	-35	-72.4
29450	-8.8	113.2	-36	-56.9
29460	-10.2	113.7	-36	-44.7
29470	-10.2	114.2	-37	-43.6
29480	-7.7	114.6	-37	-33.8
29490	-6.2	114.9	-37	-35.6
29500	-6.5	115.2	-38	-28.2
29510	-6.1	115.5	-38	-27.1
29520	-5.3	115.7	-38	-21.8
29530	-5.0	115.9	-38	-20.7
29540	-5.0	116.1	-39	-16.5
29550	-3.9	116.2	-39	-14.1
29560	-2.4	116.3	-39	-12.5
29570	-2.0	116.4	-39	-9.5
29580	-1.6	116.5	-39	-10.1
29590	-0.7	116.6	-39	-8.2
29600	0.0	116.7	-39	-6.3
29610	0.0	116.8	-39	-6.9
29620	0.0	116.8	-39	-6.1
29630	0.0	116.9	-39	-4.5
29640	0.4	116.9	-39	-3.4

29650	0.7	116.9	-39	-3.7
29660	1.1	117.0	-40	-3.1
29670	6.1	117.0	-40	-2.1
29680	3.1	117.0	-40	1.0
29690	0.8	117.0	-40	1.3
29700	2.8	117.0	-40	2.1
29710	3.4	116.9	-39	4.2
29720	1.8	116.9	-39	6.3
29730	3.5	116.8	-39	7.4
29740	4.3	116.7	-39	9.0
29750	2.2	116.6	-39	10.6
29760	3.1	116.5	-39	10.6
29770	4.6	116.4	-39	12.2
29780	3.0	116.2	-39	14.3
29790	3.3	116.0	-39	19.7
29800	4.7	115.9	-38	21.2
29810	3.7	115.7	-38	21.8
29820	3.7	115.4	-38	21.5
29830	5.2	115.2	-38	23.4
29840	4.3	114.9	-37	25.8
29850	3.8	114.6	-37	33.8
29860	5.2	114.2	-37	36.4
29870	4.7	113.9	-36	35.6
29880	4.5	113.5	-36	34.3
29890	5.6	113.1	-36	40.4
29900	5.3	112.7	-35	47.9
29910	4.7	112.3	-35	46.3
29920	5.6	111.8	-34	43.6
29930	5.2	111.3	-34	46.3
29940	4.6	110.7	-33	59.6
29950	5.0	110.1	-33	62.5
29960	4.7	109.6	-32	65.2
29970	4.9	108.9	-31	67.8
29980	4.9	108.3	-31	70.5
29990	5.0	107.6	-30	73.4
30000	4.3	107.0	-30	76.1
30010	4.9	106.2	-29	78.8
30020	4.9	105.5	-28	81.4
30030	4.6	104.8	-27	76.4
30040	4.7	104.0	-27	78.8
30050	5.2	103.2	-26	81.4
30060	4.5	102.3	-25	83.8
30070	4.6	101.5	-24	86.2
30080	4.7	100.6	-23	88.6
30090	3.9	99.7	-22	90.5
30100	4.5	98.8	-21	92.9
30110	4.9	97.8	-20	94.7
30120	4.2	96.9	-19	97.1
30130	4.1	95.9	-18	99.5
30140	4.9	94.9	-17	101.4
30150	4.3	93.8	-16	103.8
30160	4.5	92.8	-15	106.2
30170	4.6	91.7	-14	108.0
30180	4.3	90.6	-13	110.4

30190	4.7	89.5	-12	112.3
30200	5.2	88.3	-11	114.7
30210	4.3	87.2	-10	117.1
30220	4.5	86.0	-9	119.5
30230	5.0	84.8	-7	121.6
30240	4.5	83.5	-6	123.7
30250	4.7	82.3	-5	125.9
30260	4.9	81.0	-4	128.3
30270	5.0	79.7	-2	130.4
30280	5.2	78.4	-1	132.8
30290	4.3	77.0	0	135.2
30300	4.9	75.7	2	137.3
30310	5.8	74.3	3	139.7
30320	4.1	72.9	5	142.1
30330	9.9	71.5	6	122.1
30340	19.5	70.2	7	133.1
30350	13.7	69.2	8	107.0
30360	10.8	68.2	9	93.9
30370	15.2	67.3	10	91.5
30380	12.2	66.6	11	74.0
30390	11.3	65.9	12	64.9
30400	13.0	65.3	12	57.5
30410	10.0	64.8	13	50.8
30420	8.1	64.3	13	44.7
30430	8.7	63.9	14	39.6
30440	8.3	63.6	14	34.8
30450	7.1	63.2	14	33.5
30460	7.9	63.0	14	26.8
30470	8.5	62.7	15	26.3
30480	7.6	62.5	15	21.0
30490	7.5	62.3	15	18.6
30500	7.5	62.2	15	14.9
30510	6.2	62.0	15	14.9
30520	5.6	61.9	16	14.1
30530	4.5	61.7	16	10.1
30540	3.5	61.6	16	10.1
30550	3.0	61.5	16	9.5
30560	2.2	61.5	16	7.4
30570	1.2	61.4	16	6.6
30580	0.7	61.3	16	6.3
30590	0.1	61.3	16	5.0
30600	0.0	61.2	16	4.7
30610	0.0	61.2	16	3.9
30620	-0.7	61.2	16	3.7
30630	-1.4	61.1	16	3.1
30640	-11.7	61.1	16	1.0
30650	-5.7	61.1	16	-2.1
30660	-0.9	61.2	16	-5.0
30670	-7.9	61.2	16	-5.8
30680	-7.1	61.3	16	-9.0
30690	-2.8	61.5	16	-13.8
30700	-6.9	61.6	16	-15.9
30710	-8.3	61.8	16	-17.3
30720	-3.9	62.0	15	-21.2

30730	-6.1	62.3	15	-28.4
30740	-8.1	62.6	15	-29.0
30750	-5.6	62.9	15	-29.5
30760	-6.1	63.2	14	-32.7
30770	-9.2	63.6	14	-43.9
30780	-7.7	64.1	13	-44.4
30790	-7.2	64.5	13	-43.6
30800	-9.4	65.1	12	-57.5
30810	-8.4	65.6	12	-56.9
30820	-7.5	66.2	11	-55.6
30830	-9.1	66.9	11	-72.4
30840	-9.1	67.6	10	-77.2
30850	-8.4	68.3	9	-82.5
30860	-9.1	69.1	8	-86.5
30870	-9.6	69.9	8	-92.6
30880	-9.8	70.8	7	-97.9
30890	-9.4	71.7	6	-103.8
30900	-9.5	72.7	5	-108.8
30910	-9.2	73.8	4	-103.8
30920	-8.7	74.8	3	-109.4
30930	-8.5	76.0	1	-113.9
30940	-8.7	77.1	0	-118.4
30950	-8.4	78.4	-1	-122.9
30960	-8.1	79.6	-2	-127.5
30970	-8.0	80.9	-3	-131.7
30980	-7.9	82.3	-5	-136.0
30990	-8.0	83.7	-6	-140.0
31000	-7.9	85.1	-8	-144.0
31010	-8.1	86.6	-9	-147.7
31020	-7.6	88.1	-11	-152.0
31030	-7.9	89.6	-12	-156.0
31040	-6.8	91.2	-14	-160.0
31050	-7.7	92.8	-15	-163.1
31060	-7.2	94.5	-17	-166.9
31070	-7.6	96.2	-19	-170.3
31080	-7.7	97.9	-20	-173.8
31090	-6.0	99.7	-22	-177.3
31100	-6.9	101.5	-24	-180.4
31110	-6.5	103.3	-26	-183.4
31120	-6.1	105.2	-28	-186.0
31130	-11.3	106.9	-29	-161.0
31140	-27.1	108.5	-31	-153.0
31150	-20.5	109.9	-32	-141.8
31160	-14.9	111.0	-34	-109.1
31170	-16.0	111.9	-34	-92.3
31180	-18.0	112.8	-35	-84.6
31190	-14.4	113.5	-36	-66.2
31200	-13.2	114.0	-37	-50.3
31210	-12.2	114.5	-37	-47.1
31220	-10.0	115.0	-38	-35.6
31230	-8.1	115.3	-38	-37.0
31240	-6.5	115.6	-38	-28.2
31250	-5.6	115.9	-38	-26.0
31260	-5.8	116.1	-39	-20.2

31270	-5.7	116.2	-39	-18.6
31280	-5.0	116.4	-39	-14.6
31290	-4.5	116.5	-39	-13.3
31300	-3.5	116.6	-39	-10.3
31310	-3.0	116.7	-39	-7.9
31320	-2.3	116.8	-39	-8.2
31330	-1.1	116.9	-39	-6.3
31340	0.0	116.9	-39	-4.5
31350	0.0	117.0	-40	-4.2
31360	0.0	117.0	-40	-3.7
31370	0.4	117.0	-40	-3.1
31380	0.7	117.1	-40	-2.6
31390	1.1	117.1	-40	-1.8
31400	6.8	117.1	-40	-1.0
31410	5.0	117.1	-40	1.5
31420	0.8	117.1	-40	3.1
31430	3.1	117.0	-40	3.7
31440	4.5	117.0	-40	6.6
31450	2.6	116.9	-39	9.3
31460	3.3	116.8	-39	10.9
31470	5.3	116.7	-39	12.7
31480	3.8	116.5	-39	14.3
31490	3.0	116.4	-39	14.6
31500	4.9	116.2	-39	16.2
31510	3.9	116.0	-39	22.8
31520	3.1	115.8	-38	22.8
31530	4.3	115.5	-38	22.3
31540	4.2	115.3	-38	24.2
31550	3.4	115.0	-38	32.2
31560	4.1	114.7	-37	31.1
31570	4.2	114.4	-37	30.0
31580	3.8	114.0	-37	39.1
31590	3.9	113.6	-36	40.9
31600	3.3	113.2	-36	39.4
31610	3.0	112.8	-35	37.2
31620	3.5	112.4	-35	42.8
31630	3.7	112.0	-35	49.2
31640	3.5	111.5	-34	46.8
31650	3.7	111.0	-34	43.3
31660	3.5	110.5	-33	45.2
31670	3.3	110.0	-33	46.8
31680	3.5	109.5	-32	48.4
31690	3.5	108.9	-31	55.3
31700	3.3	108.3	-31	62.5
31710	3.5	107.8	-30	64.4
31720	3.0	107.2	-30	66.5
31730	3.0	106.5	-29	68.1
31740	3.1	105.9	-28	69.7
31750	3.3	105.3	-28	71.3
31760	3.1	104.6	-27	66.5
31770	3.7	103.9	-26	68.1
31780	4.1	103.2	-26	69.7
31790	3.8	102.5	-25	71.8
31800	3.8	101.8	-24	73.7

31810	4.3	101.0	-24	75.8
31820	3.9	100.3	-23	78.0
31830	4.2	99.5	-22	79.8
31840	4.3	98.7	-21	82.2
31850	3.9	97.8	-20	84.3
31860	4.7	97.0	-20	86.2
31870	4.5	96.1	-19	88.6
31880	3.7	95.2	-18	90.7
31890	4.3	94.3	-17	92.6
31900	5.2	93.3	-16	95.0
31910	4.3	92.3	-15	97.4
31920	4.3	91.4	-14	99.3
31930	4.6	90.3	-13	101.9
31940	4.5	89.3	-12	104.0
31950	5.2	88.2	-11	106.2
31960	4.5	87.2	-10	108.8
31970	4.3	86.1	-9	110.7
31980	4.9	84.9	-7	112.8
31990	4.5	83.8	-6	115.2
32000	4.9	82.6	-5	117.4
32010	4.3	81.4	-4	119.8
32020	4.9	80.2	-3	121.9
32030	5.0	79.0	-2	124.0
32040	4.1	77.7	0	126.4
32050	4.3	76.4	1	128.5
32060	5.7	75.1	2	130.4
32070	5.2	73.8	4	132.8
32080	4.6	72.5	5	133.1
32090	14.5	71.2	6	137.3
32100	17.6	70.1	7	112.0
32110	12.1	69.1	8	99.3
32120	12.3	68.2	9	79.0
32130	14.5	67.4	10	79.0
32140	11.1	66.6	11	76.6
32150	11.5	66.0	11	55.6
32160	11.7	65.4	12	55.6
32170	9.1	64.9	13	49.2
32180	8.1	64.4	13	47.9
32190	8.0	64.1	13	38.8
32200	7.5	63.7	14	34.6
32210	6.8	63.4	14	27.4
32220	7.1	63.1	14	27.1
32230	6.8	62.8	15	26.6
32240	6.1	62.6	15	19.4
32250	6.1	62.4	15	19.1
32260	5.6	62.3	15	18.9
32270	4.9	62.1	15	15.4
32280	3.8	62.0	15	13.8
32290	3.0	61.8	16	13.0
32300	2.0	61.7	16	10.6
32310	1.2	61.6	16	9.5
32320	0.8	61.5	16	7.4
32330	0.0	61.5	16	7.1
32340	0.0	61.4	16	6.9

32350	-0.1	61.3	16	5.5
32360	-0.8	61.3	16	4.7
32370	-5.2	61.2	16	4.5
32380	-7.2	61.2	16	0.5
32390	-1.4	61.2	16	-1.5
32400	-4.3	61.3	16	-2.1
32410	-7.2	61.3	16	-4.7
32420	-3.0	61.4	16	-9.3
32430	-5.7	61.5	16	-11.1
32440	-7.6	61.6	16	-13.0
32450	-5.0	61.8	16	-16.7
32460	-5.4	62.0	15	-17.8
32470	-7.9	62.2	15	-25.0
32480	-6.1	62.4	15	-26.6
32490	-5.8	62.7	15	-27.1
32500	-8.8	63.1	14	-36.7
32510	-7.9	63.4	14	-37.8
32520	-7.2	63.8	14	-42.3
32530	-9.8	64.3	13	-41.5
32540	-9.8	64.8	13	-56.4
32550	-8.7	65.3	12	-56.1
32560	-9.9	65.9	12	-55.1
32570	-10.8	66.6	11	-73.2
32580	-9.6	67.3	10	-79.0
32590	-9.9	68.1	9	-84.6
32600	-10.8	68.8	9	-82.2
32610	-9.9	69.7	8	-79.3
32620	-9.9	70.6	7	-83.5
32630	-10.8	71.6	6	-88.6
32640	-10.3	72.6	5	-93.7
32650	-10.0	73.8	4	-109.1
32660	-10.3	74.9	3	-115.0
32670	-9.8	76.1	1	-120.3
32680	-9.2	77.3	0	-125.6
32690	-9.9	78.6	-1	-130.4
32700	-8.9	80.0	-3	-136.0
32710	-7.7	81.3	-4	-140.0
32720	-8.1	82.8	-5	-144.2
32730	-7.9	84.3	-7	-148.2
32740	-6.9	85.8	-8	-152.2
32750	-8.3	87.3	-10	-155.7
32760	-8.0	88.9	-11	-160.0
32770	-6.6	90.5	-13	-163.7
32780	-6.9	92.2	-15	-167.1
32790	-6.9	93.9	-16	-170.6
32800	-8.1	95.6	-18	-173.5
32810	-6.5	97.4	-20	-177.5
32820	-5.6	99.2	-22	-181.0
32830	-6.6	101.0	-24	-183.4
32840	-6.4	102.9	-25	-186.0
32850	-5.7	104.8	-27	-189.2
32860	-8.7	106.6	-29	-205.5
32870	-26.8	108.2	-31	-160.5
32880	-25.4	109.7	-32	-149.3

32890	-14.8	110.8	-33	-114.2
32900	-14.6	111.9	-34	-96.1
32910	-21.4	112.7	-35	-81.4
32920	-17.2	113.4	-36	-61.7
32930	-10.2	114.0	-37	-57.5
32940	-10.4	114.5	-37	-43.3
32950	-12.1	115.0	-38	-40.7
32960	-9.1	115.3	-38	-30.8
32970	-5.7	115.6	-38	-28.7
32980	-6.1	115.9	-38	-21.5
32990	-7.1	116.1	-39	-20.7
33000	-5.7	116.3	-39	-19.1
33010	-5.0	116.4	-39	-14.6
33020	-5.4	116.6	-39	-11.1
33030	-5.2	116.7	-39	-10.6
33040	-3.9	116.8	-39	-7.9
33050	-2.8	116.8	-39	-8.2
33060	-2.4	116.9	-39	-6.1
33070	-1.6	116.9	-39	-4.2
33080	-0.5	117.0	-40	-4.5
33090	0.0	117.0	-40	-3.9
33100	0.0	117.1	-40	-3.1
33110	0.0	117.1	-40	-2.9
33120	0.3	117.1	-40	-2.1
33130	0.4	117.1	-40	-2.1
33140	0.5	117.1	-40	-1.5
33150	0.7	117.2	-40	-1.0
33160	1.8	117.2	-40	-0.2
33170	6.5	117.2	-40	0.5
33180	2.4	117.1	-40	2.6
33190	0.4	117.1	-40	3.7
33200	4.1	117.1	-40	4.2
33210	2.8	117.0	-40	7.1
33220	1.2	116.9	-39	8.7
33230	3.9	116.8	-39	9.8
33240	4.1	116.7	-39	10.6
33250	1.6	116.6	-39	14.1
33260	3.4	116.5	-39	15.4
33270	3.8	116.3	-39	17.3
33280	1.9	116.1	-39	17.5
33290	3.0	116.0	-39	17.0
33300	4.2	115.8	-38	18.6
33310	2.6	115.5	-38	20.7
33320	3.0	115.3	-38	21.8
33330	4.1	115.0	-38	28.4
33340	2.6	114.8	-37	27.9
33350	2.6	114.5	-37	26.6
33360	3.9	114.2	-37	30.8
33370	3.1	113.8	-36	35.9
33380	2.6	113.5	-36	37.0
33390	3.7	113.2	-36	39.1
33400	3.1	112.8	-35	37.5
33410	2.8	112.4	-35	35.4
33420	3.7	112.0	-35	36.7

33430	3.4	111.6	-34	38.3
33440	3.0	111.1	-34	48.9
33450	3.9	110.7	-33	50.8
33460	3.5	110.2	-33	47.9
33470	3.4	109.7	-32	44.7
33480	4.1	109.2	-32	46.3
33490	4.1	108.7	-31	48.1
33500	3.5	108.1	-31	50.3
33510	4.3	107.6	-30	51.6
33520	4.5	107.0	-30	53.7
33530	4.3	106.4	-29	55.6
33540	4.5	105.7	-28	57.7
33550	4.2	105.0	-28	66.2
33560	4.2	104.4	-27	68.6
33570	4.5	103.7	-26	70.8
33580	4.3	102.9	-25	73.2
33590	4.1	102.2	-25	75.3
33600	4.3	101.4	-24	77.7
33610	4.3	100.6	-23	79.6
33620	4.2	99.8	-22	81.9
33630	4.9	99.0	-22	84.3
33640	4.9	98.1	-21	86.5
33650	4.7	97.2	-20	89.1
33660	5.0	96.3	-19	91.5
33670	4.9	95.4	-18	94.2
33680	4.9	94.4	-17	96.6
33690	5.2	93.4	-16	99.0
33700	4.9	92.4	-15	101.9
33710	4.3	91.4	-14	104.0
33720	5.3	90.3	-13	106.4
33730	5.6	89.2	-12	108.8
33740	5.3	88.1	-11	111.5
33750	5.3	87.0	-10	114.2
33760	5.4	85.8	-8	117.1
33770	5.8	84.6	-7	119.8
33780	5.6	83.4	-6	122.1
33790	5.6	82.2	-5	124.8
33800	5.4	80.9	-3	127.5
33810	5.6	79.6	-2	130.1
33820	5.4	78.3	-1	132.8
33830	4.5	76.9	1	135.5
33840	5.4	75.6	2	137.6
33850	5.7	74.2	3	140.5
33860	4.3	72.8	5	128.5
33870	11.8	71.4	6	121.6
33880	20.2	70.1	7	132.3
33890	13.4	69.1	8	106.4
33900	11.3	68.1	9	93.4
33910	16.0	67.3	10	83.3
33920	12.2	66.5	11	65.7
33930	10.0	65.8	12	64.1
33940	11.7	65.3	12	56.9
33950	9.6	64.7	13	50.3
33960	7.6	64.3	13	44.4

33970	8.1	63.9	14	39.1
33980	7.9	63.5	14	31.1
33990	6.4	63.2	14	30.3
34000	6.5	62.9	15	26.6
34010	7.3	62.7	15	21.5
34020	6.9	62.5	15	21.0
34030	6.6	62.3	15	16.7
34040	6.6	62.1	15	16.5
34050	5.7	61.9	16	15.9
34060	5.0	61.8	16	12.7
34070	4.5	61.7	16	11.1
34080	3.4	61.6	16	11.1
34090	3.0	61.5	16	8.2
34100	2.2	61.4	16	7.7
34110	1.8	61.4	16	5.8
34120	1.6	61.3	16	5.8
34130	0.9	61.3	16	4.5
34140	0.4	61.2	16	4.5
34150	0.0	61.2	16	3.4
34160	0.0	61.1	16	3.7
34170	-0.4	61.1	16	3.4
34180	-0.8	61.1	16	2.6
34190	-1.6	61.0	16	2.1
34200	-10.8	61.0	16	0.2
34210	-3.5	61.1	16	-3.7
34220	-1.2	61.1	16	-4.5
34230	-8.7	61.2	16	-6.3
34240	-5.6	61.3	16	-11.4
34250	-3.5	61.4	16	-14.9
34260	-7.9	61.5	16	-15.7
34270	-7.2	61.7	16	-17.5
34280	-4.2	62.0	15	-20.7
34290	-7.7	62.2	15	-28.2
34300	-8.0	62.5	15	-29.5
34310	-5.3	62.8	15	-30.3
34320	-7.5	63.2	14	-40.7
34330	-8.9	63.6	14	-40.7
34340	-6.8	64.0	13	-40.9
34350	-7.7	64.5	13	-44.7
34360	-9.5	65.0	12	-47.9
34370	-7.3	65.6	12	-63.8
34380	-7.5	66.2	11	-62.2
34390	-9.2	66.9	11	-59.6
34400	-7.9	67.5	10	-63.6
34410	-7.6	68.3	9	-67.3
34420	-8.8	69.1	8	-87.0
34430	-8.0	69.9	8	-91.3
34440	-8.1	70.8	7	-96.1
34450	-8.5	71.7	6	-100.8
34460	-7.9	72.6	5	-105.4
34470	-7.5	73.6	4	-100.0
34480	-7.7	74.7	3	-104.3
34490	-7.6	75.7	2	-108.3
34500	-7.1	76.9	1	-112.3

34510	-7.3	78.0	-1	-116.3
34520	-7.2	79.2	-2	-119.8
34530	-6.6	80.4	-3	-123.7
34540	-6.5	81.7	-4	-126.9
34550	-6.8	83.0	-6	-130.4
34560	-6.6	84.3	-7	-133.9
34570	-5.7	85.7	-8	-137.3
34580	-7.3	87.1	-10	-140.2
34590	-6.5	88.5	-11	-143.7
34600	-5.8	90.0	-13	-146.9
34610	-5.7	91.5	-14	-149.8
34620	-6.4	93.0	-16	-152.2
34630	-6.1	94.5	-17	-155.2
34640	-6.0	96.1	-19	-158.4
34650	-6.6	97.7	-20	-160.7
34660	-5.2	99.3	-22	-163.9
34670	-5.8	101.0	-24	-166.3
34680	-5.8	102.7	-25	-168.7
34690	-5.3	104.4	-27	-171.4
34700	-6.0	106.0	-29	-156.0
34710	-21.4	107.6	-30	-137.6
34720	-24.0	109.0	-32	-132.5
34730	-16.0	110.2	-33	-101.6
34740	-13.0	111.2	-34	-96.6
34750	-19.1	112.1	-35	-91.3
34760	-18.4	112.8	-35	-71.8
34770	-12.3	113.5	-36	-67.0
34780	-9.8	114.0	-37	-52.1
34790	-12.1	114.5	-37	-49.5
34800	-10.7	114.8	-37	-38.6
34810	-7.5	115.2	-38	-29.5
34820	-6.5	115.5	-38	-28.2
34830	-7.3	115.7	-38	-21.5
34840	-6.6	115.9	-38	-20.7
34850	-6.1	116.1	-39	-17.8
34860	-6.2	116.3	-39	-15.4
34870	-6.2	116.4	-39	-14.6
34880	-5.8	116.6	-39	-11.1
34890	-4.7	116.7	-39	-8.7
34900	-4.3	116.7	-39	-9.3
34910	-3.7	116.8	-39	-7.1
34920	-3.0	116.9	-39	-5.8
34930	-2.3	116.9	-39	-5.3
34940	-1.8	117.0	-40	-4.2
34950	-1.6	117.0	-40	-3.1
34960	-1.6	117.0	-40	-3.1
34970	-1.4	117.1	-40	-3.1
34980	-0.8	117.1	-40	-2.6
34990	-0.5	117.1	-40	-2.1
35000	-0.4	117.1	-40	-1.8
35010	-0.1	117.2	-40	-1.5
35020	0.0	117.2	-40	-1.0
35030	0.4	117.2	-40	-0.7
35040	0.5	117.2	-40	-0.5

35050	0.7	117.2	-40	-0.2
35060	0.7	117.2	-40	0.0
35070	0.7	117.2	-40	0.2
35080	0.9	117.2	-40	0.0
35090	3.1	117.2	-40	0.5
35100	4.3	117.2	-40	3.1
35110	1.1	117.1	-40	4.7
35120	1.5	117.1	-40	5.5
35130	3.5	117.0	-40	6.6
35140	2.2	116.9	-39	8.5
35150	2.4	116.9	-39	10.1
35160	4.9	116.8	-39	11.4
35170	3.3	116.6	-39	12.7
35180	2.6	116.5	-39	13.3
35190	4.3	116.3	-39	14.6
35200	3.9	116.2	-39	16.5
35210	3.3	116.0	-39	22.6
35220	4.6	115.7	-38	24.4
35230	4.5	115.5	-38	24.7
35240	3.7	115.2	-38	24.4
35250	4.7	114.9	-37	31.9
35260	4.5	114.6	-37	31.6
35270	3.8	114.3	-37	30.6
35280	4.3	114.0	-37	32.4
35290	4.7	113.6	-36	34.3
35300	3.8	113.2	-36	44.7
35310	4.2	112.8	-35	42.8
35320	4.5	112.3	-35	40.4
35330	3.9	111.8	-34	52.1

ISOK_EXERC_ER/IR_180_R_SIDE
01/07
Set #6

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	3.1	116.1	-39	17.5
10	3.7	115.9	-38	19.1
20	3.5	115.7	-38	21.2
30	3.0	115.5	-38	23.6
40	3.7	115.3	-38	25.5
50	3.9	115.0	-38	27.1
60	3.9	114.8	-37	30.0
70	3.7	114.5	-37	29.0
80	3.7	114.2	-37	27.9
90	4.3	113.9	-36	36.4
100	4.1	113.5	-36	38.8
110	3.5	113.2	-36	37.2
120	3.8	112.8	-35	35.4
130	3.9	112.4	-35	37.0
140	4.2	111.9	-34	39.1
150	4.3	111.5	-34	45.2
160	4.1	111.0	-34	47.3
170	4.1	110.5	-33	44.4
180	4.1	110.0	-33	51.9
190	4.5	109.5	-32	54.0
200	4.3	108.9	-31	56.1
210	3.9	108.3	-31	58.3
220	4.3	107.7	-30	60.6
230	4.3	107.1	-30	63.0
240	4.3	106.5	-29	65.2
250	4.3	105.8	-28	67.3
260	4.2	105.1	-28	69.7
270	4.1	104.4	-27	72.1
280	4.3	103.6	-26	74.2
290	4.3	102.9	-25	76.4
300	3.9	102.1	-25	78.8
310	4.2	101.3	-24	80.9
320	3.9	100.5	-23	82.7
330	3.9	99.6	-22	84.9
340	4.2	98.8	-21	86.7
350	4.1	97.9	-20	88.9
360	4.1	97.0	-20	91.0
370	3.9	96.1	-19	93.1
380	3.7	95.1	-18	95.0
390	4.3	94.1	-17	96.9
400	4.5	93.2	-16	99.0
410	4.1	92.2	-15	100.8
420	4.3	91.1	-14	103.0
430	4.2	90.1	-13	105.1
440	4.5	89.0	-12	107.0
450	4.9	87.9	-10	109.4
460	4.3	86.8	-9	111.5
470	4.3	85.7	-8	113.6
480	4.9	84.5	-7	115.8

490	4.7	83.4	-6	117.9
500	4.7	82.2	-5	120.3
510	4.9	80.9	-3	122.4
520	5.0	79.7	-2	124.8
530	5.0	78.4	-1	126.9
540	4.3	77.2	0	129.3
550	4.7	75.8	2	131.2
560	5.6	74.5	3	133.9
570	4.5	73.2	4	136.3
580	5.2	71.8	6	138.4
590	5.7	70.4	7	141.0
600	5.2	68.9	9	143.4
610	4.7	67.5	10	145.6
620	19.0	66.2	11	128.3
630	27.4	65.1	12	92.6
640	18.3	64.2	13	82.2
650	14.8	63.6	14	64.6
660	15.7	63.0	14	46.0
670	12.9	62.6	15	40.9
680	13.8	62.2	15	32.4
690	12.1	62.0	15	23.4
700	7.7	61.7	16	20.2
710	6.9	61.6	16	15.9
720	7.9	61.4	16	11.1
730	6.6	61.3	16	10.1
740	5.8	61.2	16	8.7
750	6.4	61.2	16	6.3
760	6.2	61.1	16	4.7
770	5.7	61.1	16	3.9
780	5.3	61.0	16	3.1
790	4.1	61.0	16	2.3
800	2.2	61.0	16	1.8
810	0.7	61.0	16	1.8
820	0.0	61.0	16	1.8
830	-0.4	60.9	17	1.8
840	-0.7	60.9	17	1.5
850	-0.9	60.9	17	1.0
860	-7.1	60.9	17	0.2
870	-9.6	60.9	17	-1.5
880	-2.0	61.0	16	-4.7
890	-2.6	61.0	16	-6.1
900	-8.7	61.1	16	-7.9
910	-6.1	61.2	16	-14.6
920	-6.2	61.4	16	-18.3
930	-7.3	61.6	16	-21.8
940	-6.6	61.8	16	-26.0
950	-7.2	62.1	15	-27.4
960	-7.9	62.4	15	-27.9
970	-6.9	62.7	15	-31.6
980	-7.9	63.1	14	-35.4
990	-9.5	63.5	14	-48.1
1000	-9.1	64.0	13	-53.5
1010	-8.9	64.5	13	-59.1
1020	-9.9	65.1	12	-58.0

1030	-10.2	65.7	12	-56.9
1040	-9.6	66.4	11	-62.2
1050	-9.6	67.1	10	-66.8
1060	-10.2	67.9	10	-79.3
1070	-9.9	68.8	9	-85.1
1080	-9.4	69.7	8	-90.5
1090	-9.9	70.6	7	-95.5
1100	-10.0	71.6	6	-101.1
1110	-9.2	72.7	5	-106.4
1120	-9.1	73.8	4	-111.5
1130	-9.2	74.9	3	-116.8
1140	-8.7	76.1	1	-121.1
1150	-8.0	77.4	0	-125.9
1160	-8.3	78.7	-1	-129.9
1170	-7.5	80.0	-3	-134.4
1180	-6.5	81.4	-4	-137.9
1190	-6.5	82.8	-5	-141.6
1200	-6.6	84.2	-7	-144.2
1210	-6.0	85.7	-8	-147.7
1220	-7.1	87.2	-10	-150.6
1230	-6.4	88.7	-11	-154.4
1240	-6.2	90.3	-13	-157.3
1250	-5.7	91.9	-14	-160.0
1260	-5.4	93.5	-16	-162.9
1270	-6.4	95.1	-18	-165.3
1280	-5.6	96.8	-19	-168.5
1290	-5.6	98.5	-21	-170.9
1300	-4.9	100.2	-23	-173.0
1310	-6.4	102.0	-25	-173.8
1320	-6.9	103.7	-26	-173.5
1330	-7.5	105.4	-28	-173.8
1340	-7.5	107.2	-30	-173.8
1350	-6.6	108.9	-31	-173.8
1360	-6.9	110.6	-33	-156.2
1370	-20.2	112.2	-35	-136.8
1380	-35.7	113.5	-36	-118.2
1390	-26.8	114.5	-37	-97.7
1400	-12.5	115.1	-38	-66.5
1410	-15.9	115.7	-38	-55.1
1420	-17.6	116.1	-39	-34.3
1430	-11.8	116.4	-39	-31.4
1440	-7.9	116.6	-39	-21.5
1450	-10.4	116.8	-39	-14.6
1460	-9.2	116.9	-39	-12.5
1470	-6.4	117.0	-40	-8.2
1480	-5.2	117.1	-40	-7.4
1490	-5.8	117.2	-40	-5.3
1500	-5.0	117.2	-40	-3.4
1510	-4.6	117.2	-40	-2.9
1520	-4.6	117.3	-40	-2.1
1530	-4.3	117.3	-40	-1.5
1540	-2.8	117.3	-40	-1.0
1550	-1.2	117.3	-40	-0.5
1560	-0.1	117.3	-40	-0.2

1570	0.4	117.3	-40	-0.2
1580	0.5	117.3	-40	0.0
1590	0.7	117.3	-40	0.2
1600	0.8	117.3	-40	-0.2
1610	1.2	117.3	-40	0.7
1620	6.8	117.3	-40	0.7
1630	2.6	117.3	-40	5.0
1640	0.1	117.2	-40	5.5
1650	2.6	117.2	-40	5.3
1660	3.0	117.1	-40	6.3
1670	3.4	117.0	-40	7.9
1680	3.0	116.9	-39	11.9
1690	3.3	116.8	-39	12.5
1700	3.7	116.6	-39	12.7
1710	3.8	116.5	-39	14.3
1720	3.8	116.3	-39	16.2
1730	3.7	116.1	-39	18.1
1740	3.9	115.9	-38	22.0
1750	4.1	115.7	-38	24.4
1760	3.9	115.4	-38	23.9
1770	4.3	115.1	-38	25.8
1780	4.2	114.8	-37	34.0
1790	3.8	114.5	-37	36.7
1800	4.1	114.1	-37	38.6
1810	3.9	113.7	-36	40.9
1820	3.7	113.4	-36	42.8
1830	3.7	112.9	-35	45.5
1840	3.8	112.5	-35	47.6
1850	3.9	112.1	-35	50.0
1860	3.5	111.6	-34	52.4
1870	3.7	111.1	-34	54.0
1880	3.9	110.6	-33	55.9
1890	3.7	110.1	-33	53.2
1900	3.4	109.5	-32	55.1
1910	3.4	109.0	-32	56.9
1920	3.4	108.4	-31	58.5
1930	3.7	107.8	-30	60.4
1940	3.5	107.2	-30	62.2
1950	3.5	106.5	-29	64.1
1960	3.5	105.9	-28	66.0
1970	3.8	105.2	-28	67.6
1980	3.7	104.5	-27	69.7
1990	3.7	103.8	-26	71.6
2000	3.8	103.1	-26	73.4
2010	3.8	102.3	-25	75.3
2020	3.8	101.6	-24	77.2
2030	3.7	100.8	-23	79.0
2040	3.5	100.0	-23	80.9
2050	4.3	99.1	-22	82.7
2060	4.1	98.3	-21	84.9
2070	3.8	97.4	-20	86.7
2080	4.1	96.6	-19	88.6
2090	3.5	95.6	-18	90.7
2100	3.5	94.7	-17	92.6

2110	3.8	93.8	-16	94.2
2120	4.1	92.8	-15	96.1
2130	3.8	91.9	-14	97.7
2140	3.9	90.9	-13	99.8
2150	4.2	89.9	-12	101.4
2160	4.6	88.8	-11	103.5
2170	4.3	87.8	-10	105.9
2180	4.2	86.7	-9	108.0
2190	4.2	85.6	-8	109.9
2200	4.5	84.5	-7	112.0
2210	4.6	83.4	-6	114.2
2220	4.7	82.2	-5	116.3
2230	4.7	81.0	-4	118.4
2240	4.9	79.8	-2	120.8
2250	5.2	78.6	-1	122.9
2260	4.5	77.3	0	125.6
2270	4.6	76.1	1	127.7
2280	5.6	74.8	3	130.1
2290	5.0	73.4	4	132.5
2300	5.3	72.1	5	134.9
2310	5.7	70.7	7	137.6
2320	5.7	69.3	8	140.0
2330	4.9	67.9	10	142.6
2340	11.5	66.6	11	135.2
2350	27.4	65.4	12	97.7
2360	20.7	64.5	13	87.5
2370	13.8	63.8	14	75.3
2380	15.6	63.2	14	54.8
2390	13.7	62.7	15	43.9
2400	12.9	62.4	15	38.3
2410	12.5	62.1	15	27.9
2420	8.1	61.8	16	22.0
2430	6.1	61.7	16	17.5
2440	6.9	61.5	16	12.5
2450	6.1	61.4	16	11.1
2460	4.6	61.3	16	7.7
2470	4.5	61.2	16	7.1
2480	4.6	61.2	16	5.0
2490	3.5	61.1	16	4.2
2500	2.7	61.1	16	3.1
2510	1.8	61.0	16	2.6
2520	0.1	61.0	16	2.3
2530	-0.1	61.0	16	1.8
2540	-0.4	61.0	16	1.5
2550	-0.8	61.0	16	1.3
2560	-1.2	61.0	16	0.7
2570	-9.2	61.0	16	-0.5
2580	-4.1	61.0	16	-4.2
2590	-0.4	61.0	16	-6.3
2600	-5.4	61.1	16	-6.9
2610	-5.8	61.2	16	-9.8
2620	-3.7	61.3	16	-13.0
2630	-6.1	61.4	16	-15.4
2640	-6.4	61.6	16	-18.9

2650	-4.9	61.8	16	-22.3
2660	-6.6	62.0	15	-23.4
2670	-6.5	62.3	15	-23.9
2680	-4.7	62.6	15	-27.1
2690	-6.4	62.9	15	-29.8
2700	-7.1	63.3	14	-40.1
2710	-6.0	63.7	14	-44.1
2720	-6.9	64.1	13	-47.9
2730	-7.9	64.5	13	-51.9
2740	-7.6	65.0	12	-45.7
2750	-7.2	65.6	12	-49.5
2760	-7.6	66.1	11	-53.2
2770	-7.6	66.8	11	-56.7
2780	-7.2	67.4	10	-59.9
2790	-7.5	68.1	9	-70.2
2800	-7.3	68.9	9	-74.8
2810	-7.2	69.7	8	-78.8
2820	-8.3	70.5	7	-82.5
2830	-7.9	71.3	6	-87.0
2840	-7.2	72.2	5	-91.3
2850	-7.7	73.2	4	-95.0
2860	-8.0	74.2	3	-99.3
2870	-6.6	75.2	2	-103.2
2880	-6.9	76.2	1	-106.7
2890	-6.6	77.3	0	-110.4
2900	-6.5	78.5	-1	-113.9
2910	-6.4	79.6	-2	-117.1
2920	-6.0	80.8	-3	-120.5
2930	-5.8	82.1	-5	-123.5
2940	-6.1	83.3	-6	-126.7
2950	-6.4	84.6	-7	-129.3
2960	-5.4	85.9	-8	-132.5
2970	-6.6	87.3	-10	-135.2
2980	-6.1	88.7	-11	-138.9
2990	-5.7	90.1	-13	-141.3
3000	-5.6	91.5	-14	-144.2
3010	-5.8	93.0	-16	-146.9
3020	-6.0	94.5	-17	-149.6
3030	-6.0	96.0	-19	-152.5
3040	-6.6	97.5	-20	-155.2
3050	-4.9	99.1	-22	-158.4
3060	-5.8	100.7	-23	-160.5
3070	-5.4	102.3	-25	-163.1
3080	-5.2	104.0	-27	-165.5
3090	-5.6	105.6	-28	-167.9
3100	-6.1	107.3	-30	-170.9
3110	-4.6	109.1	-32	-173.3
3120	-6.1	110.7	-33	-156.0
3130	-22.8	112.3	-35	-133.9
3140	-35.3	113.5	-36	-115.0
3150	-24.7	114.5	-37	-77.7
3160	-11.5	115.2	-38	-64.1
3170	-15.5	115.7	-38	-43.3
3180	-15.9	116.1	-39	-37.2

3190	-8.7	116.4	-39	-24.7
3200	-5.3	116.6	-39	-20.4
3210	-7.9	116.8	-39	-13.8
3220	-5.7	116.9	-39	-12.7
3230	-2.8	117.0	-40	-8.5
3240	-1.6	117.1	-40	-5.5
3250	-2.2	117.1	-40	-5.3
3260	-1.8	117.2	-40	-3.7
3270	-1.9	117.2	-40	-2.3
3280	-2.2	117.2	-40	-2.3
3290	-1.6	117.2	-40	-1.5
3300	-0.7	117.2	-40	-0.7
3310	0.0	117.2	-40	-0.5
3320	0.4	117.3	-40	-0.5
3330	0.7	117.3	-40	0.0
3340	0.8	117.3	-40	0.0
3350	1.1	117.3	-40	0.0
3360	8.0	117.3	-40	0.5
3370	4.7	117.2	-40	3.9
3380	-0.7	117.2	-40	5.8
3390	0.9	117.1	-40	5.8
3400	3.7	117.0	-40	6.6
3410	2.8	116.9	-39	8.5
3420	2.3	116.8	-39	10.1
3430	4.1	116.7	-39	10.9
3440	3.4	116.6	-39	12.7
3450	3.8	116.4	-39	14.6
3460	4.3	116.2	-39	16.2
3470	3.5	116.0	-39	18.6
3480	3.9	115.8	-38	20.2
3490	4.2	115.6	-38	22.6
3500	3.8	115.3	-38	24.4
3510	4.3	115.0	-38	26.3
3520	4.6	114.7	-37	28.4
3530	4.1	114.4	-37	30.6
3540	4.2	114.0	-37	32.4
3550	4.5	113.6	-36	34.6
3560	4.3	113.2	-36	36.4
3570	4.1	112.8	-35	38.8
3580	4.2	112.4	-35	40.9
3590	4.6	111.9	-34	43.1
3600	4.5	111.4	-34	44.9
3610	4.2	110.9	-33	47.1
3620	4.2	110.3	-33	54.5
3630	4.3	109.8	-32	56.9
3640	4.2	109.2	-32	59.1
3650	4.2	108.6	-31	61.2
3660	3.9	107.9	-30	63.6
3670	4.2	107.3	-30	65.7
3680	4.1	106.6	-29	67.8
3690	4.1	105.9	-28	70.0
3700	4.1	105.2	-28	72.1
3710	3.9	104.5	-27	74.2
3720	3.9	103.7	-26	76.1

3730	4.1	102.9	-25	78.0
3740	3.9	102.1	-25	80.3
3750	4.3	101.3	-24	82.2
3760	3.9	100.5	-23	84.3
3770	3.9	99.6	-22	86.5
3780	4.7	98.7	-21	88.6
3790	4.5	97.8	-20	91.0
3800	4.6	96.9	-19	92.9
3810	4.2	96.0	-19	95.5
3820	4.5	95.0	-18	97.9
3830	4.9	94.0	-17	99.8
3840	4.9	93.0	-16	102.2
3850	4.7	91.9	-14	104.6
3860	4.6	90.9	-13	106.7
3870	4.7	89.8	-12	109.1
3880	5.3	88.7	-11	111.5
3890	4.9	87.5	-10	113.9
3900	4.7	86.4	-9	116.6
3910	5.0	85.2	-8	118.7
3920	4.7	84.0	-7	121.1
3930	4.9	82.8	-5	123.7
3940	4.5	81.5	-4	126.1
3950	5.2	80.2	-3	128.0
3960	5.4	78.9	-1	130.7
3970	4.7	77.6	0	133.3
3980	4.7	76.3	1	135.7
3990	5.6	74.9	3	138.1
4000	4.7	73.5	4	140.5
4010	4.7	72.1	5	142.6
4020	5.7	70.6	7	144.8
4030	5.3	69.1	8	147.2
4040	4.2	67.7	10	134.7
4050	16.4	66.3	11	120.8
4060	27.9	65.1	12	118.4
4070	18.4	64.3	13	85.7
4080	14.1	63.5	14	66.5
4090	16.3	63.0	14	47.3
4100	12.5	62.5	15	41.7
4110	12.6	62.2	15	33.0
4120	12.3	61.9	16	23.4
4130	7.6	61.7	16	20.2
4140	6.0	61.5	16	15.9
4150	6.8	61.4	16	11.1
4160	5.6	61.3	16	10.1
4170	4.3	61.2	16	6.9
4180	5.2	61.1	16	5.8
4190	4.9	61.1	16	4.2
4200	4.2	61.0	16	3.9
4210	4.2	61.0	16	3.1
4220	3.0	61.0	16	2.3
4230	1.6	61.0	16	2.1
4240	0.4	61.0	16	1.8
4250	0.0	60.9	17	1.5
4260	-0.3	60.9	17	1.8

4270	-0.5	60.9	17	1.3
4280	-0.7	60.9	17	0.0
4290	-1.1	60.9	17	0.2
4300	-8.7	60.9	17	0.5
4310	-4.6	60.9	17	-1.5
4320	-0.7	60.9	17	-2.1
4330	-4.1	60.9	17	-2.9
4340	-5.2	61.0	16	-5.3
4350	-3.3	61.1	16	-8.2
4360	-4.9	61.1	16	-9.3
4370	-5.7	61.3	16	-12.2
4380	-3.9	61.4	16	-13.3
4390	-5.7	61.6	16	-15.4
4400	-6.6	61.8	16	-21.8
4410	-5.3	62.0	15	-25.8
4420	-6.6	62.2	15	-28.4
4430	-8.0	62.5	15	-33.0
4440	-7.1	62.9	15	-37.8
4450	-7.3	63.2	14	-42.0
4460	-8.3	63.6	14	-42.3
4470	-8.1	64.1	13	-42.0
4480	-7.9	64.6	13	-46.0
4490	-8.4	65.1	12	-49.2
4500	-8.0	65.7	12	-53.5
4510	-8.1	66.3	11	-57.7
4520	-8.8	67.0	10	-61.4
4530	-8.8	67.7	10	-65.4
4540	-8.7	68.5	9	-77.7
4550	-8.5	69.3	8	-82.7
4560	-8.5	70.2	7	-87.0
4570	-9.1	71.1	6	-91.8
4580	-8.9	72.1	5	-96.9
4590	-8.0	73.1	4	-101.4
4600	-8.9	74.1	3	-105.9
4610	-8.1	75.2	2	-110.7
4620	-8.0	76.4	1	-114.7
4630	-8.1	77.5	0	-119.2
4640	-7.9	78.8	-1	-123.2
4650	-7.5	80.0	-3	-127.7
4660	-6.8	81.3	-4	-131.2
4670	-6.6	82.7	-5	-134.9
4680	-6.6	84.0	-7	-138.1
4690	-6.2	85.5	-8	-141.8
4700	-7.2	86.9	-9	-144.2
4710	-5.8	88.4	-11	-148.0
4720	-6.2	89.9	-12	-150.6
4730	-5.7	91.4	-14	-153.8
4740	-5.8	93.0	-16	-156.5
4750	-5.4	94.5	-17	-159.2
4760	-5.3	96.2	-19	-162.1
4770	-5.3	97.8	-20	-164.2
4780	-3.3	99.5	-22	-166.6
4790	-4.3	101.1	-24	-168.2
4800	-3.9	102.8	-25	-169.5

4810	-3.0	104.5	-27	-171.1
4820	-3.1	106.2	-29	-171.9
4830	-3.1	108.0	-31	-173.3
4840	-2.3	109.7	-32	-173.5
4850	-3.0	111.4	-34	-187.1
4860	-27.1	112.8	-35	-136.0
4870	-29.3	114.0	-37	-113.6
4880	-13.7	114.8	-37	-78.2
4890	-9.6	115.4	-38	-63.6
4900	-12.6	115.9	-38	-44.1
4910	-7.9	116.2	-39	-36.2
4920	-3.7	116.5	-39	-25.2
4930	-3.7	116.7	-39	-18.9
4940	-3.4	116.9	-39	-15.9
4950	-1.1	117.0	-40	-10.6
4960	0.1	117.1	-40	-7.1
4970	0.0	117.1	-40	-6.6
4980	0.0	117.2	-40	-4.7
4990	-0.1	117.2	-40	-3.1
5000	-0.4	117.2	-40	-2.6
5010	-0.7	117.3	-40	-2.1
5020	-0.8	117.3	-40	-1.3
5030	-0.1	117.3	-40	-1.0
5040	0.5	117.3	-40	-0.5
5050	0.7	117.3	-40	0.0
5060	0.8	117.3	-40	0.0
5070	1.2	117.3	-40	0.2
5080	10.3	117.3	-40	1.0
5090	4.6	117.2	-40	5.8
5100	-0.5	117.2	-40	7.4
5110	1.6	117.1	-40	6.6
5120	4.1	117.0	-40	7.9
5130	2.6	116.9	-39	10.1
5140	2.7	116.8	-39	11.1
5150	4.6	116.7	-39	15.1
5160	3.8	116.5	-39	16.2
5170	4.2	116.3	-39	16.5
5180	4.6	116.1	-39	18.3
5190	3.7	115.9	-38	25.2
5200	4.2	115.6	-38	27.6
5210	4.2	115.4	-38	30.0
5220	3.8	115.1	-38	32.7
5230	3.9	114.8	-37	31.9
5240	4.1	114.4	-37	37.2
5250	4.1	114.1	-37	39.4
5260	4.3	113.7	-36	42.0
5270	4.5	113.3	-36	44.4
5280	4.2	112.9	-35	47.1
5290	4.1	112.4	-35	49.7
5300	4.1	112.0	-35	52.1
5310	4.2	111.5	-34	54.8
5320	4.1	111.0	-34	56.9
5330	3.9	110.5	-33	53.5
5340	3.7	109.9	-32	55.9

5350	3.8	109.3	-32	57.7
5360	3.8	108.7	-31	59.6
5370	3.9	108.1	-31	61.7
5380	4.3	107.5	-30	63.8
5390	4.3	106.8	-29	66.0
5400	4.1	106.1	-29	68.4
5410	4.1	105.4	-28	70.2
5420	4.1	104.7	-27	72.4
5430	4.2	104.0	-27	74.5
5440	4.6	103.2	-26	76.6
5450	4.2	102.4	-25	78.8
5460	4.1	101.6	-24	80.9
5470	4.5	100.8	-23	83.3
5480	4.3	100.0	-23	85.4
5490	4.9	99.1	-22	87.5
5500	4.9	98.2	-21	90.2
5510	4.3	97.3	-20	92.3
5520	4.5	96.3	-19	95.0
5530	4.5	95.4	-18	97.1
5540	4.5	94.4	-17	99.3
5550	4.9	93.4	-16	101.4
5560	4.6	92.3	-15	104.0
5570	4.6	91.3	-14	106.2
5580	4.9	90.2	-13	108.6
5590	5.3	89.1	-12	110.7
5600	5.3	88.0	-11	113.4
5610	4.7	86.8	-9	116.0
5620	4.7	85.6	-8	118.4
5630	4.9	84.4	-7	120.8
5640	4.9	83.2	-6	123.2
5650	4.7	81.9	-4	125.3
5660	5.3	80.7	-3	127.7
5670	5.3	79.4	-2	130.4
5680	5.3	78.1	-1	132.5
5690	4.9	76.7	1	135.2
5700	5.4	75.3	2	137.6
5710	5.6	73.9	4	140.2
5720	4.7	72.5	5	142.6
5730	5.4	71.1	6	145.0
5740	5.7	69.6	8	147.2
5750	4.1	68.1	9	149.8
5760	9.5	66.6	11	158.4
5770	28.2	65.5	12	116.3
5780	21.3	64.5	13	101.1
5790	13.6	63.7	14	72.1
5800	16.7	63.1	14	56.7
5810	13.8	62.6	15	40.1
5820	11.5	62.3	15	35.1
5830	12.6	62.0	15	30.8
5840	8.8	61.7	16	21.8
5850	5.4	61.6	16	17.0
5860	6.1	61.4	16	14.6
5870	5.4	61.3	16	10.6
5880	3.8	61.2	16	9.0

5890	4.3	61.1	16	6.3
5900	4.3	61.1	16	5.5
5910	3.3	61.0	16	4.2
5920	2.7	61.0	16	2.9
5930	1.8	61.0	16	2.1
5940	0.3	61.0	16	1.8
5950	-0.1	60.9	17	1.8
5960	-0.4	60.9	17	1.8
5970	-0.8	60.9	17	1.5
5980	-0.9	60.9	17	0.7
5990	-7.2	60.9	17	0.0
6000	-7.1	60.9	17	-0.7
6010	-0.8	60.9	17	-2.6
6020	-2.8	61.0	16	-3.4
6030	-5.7	61.0	16	-5.3
6040	-3.1	61.1	16	-8.5
6050	-4.7	61.2	16	-10.6
6060	-6.0	61.3	16	-13.3
6070	-3.8	61.4	16	-16.5
6080	-5.0	61.6	16	-19.1
6090	-6.5	61.8	16	-19.7
6100	-4.6	62.0	15	-23.1
6110	-5.0	62.3	15	-23.1
6120	-7.1	62.5	15	-31.4
6130	-6.1	62.9	15	-35.4
6140	-6.1	63.2	14	-39.1
6150	-7.6	63.6	14	-43.1
6160	-7.7	64.0	13	-38.8
6170	-7.2	64.4	13	-42.3
6180	-8.1	64.9	13	-45.7
6190	-7.9	65.5	12	-49.7
6200	-7.5	66.1	11	-53.7
6210	-8.7	66.7	11	-57.5
6220	-8.8	67.4	10	-61.2
6230	-8.8	68.1	9	-72.6
6240	-9.1	68.9	9	-78.0
6250	-8.9	69.7	8	-82.7
6260	-9.5	70.6	7	-87.5
6270	-8.9	71.5	6	-92.9
6280	-8.8	72.4	5	-97.9
6290	-8.5	73.5	4	-102.4
6300	-8.9	74.5	3	-107.2
6310	-7.9	75.6	2	-111.5
6320	-8.3	76.8	1	-116.0
6330	-8.7	78.0	-1	-120.5
6340	-8.0	79.2	-2	-125.1
6350	-7.7	80.5	-3	-129.6
6360	-7.5	81.8	-4	-133.3
6370	-7.6	83.2	-6	-137.3
6380	-7.7	84.6	-7	-141.0
6390	-7.1	86.0	-9	-145.0
6400	-7.6	87.5	-10	-148.5
6410	-7.6	89.0	-12	-152.2
6420	-6.4	90.6	-13	-156.2

6430	-6.9	92.2	-15	-159.2
6440	-6.5	93.8	-16	-162.6
6450	-7.6	95.4	-18	-165.5
6460	-6.4	97.1	-20	-169.0
6470	-6.2	98.8	-21	-172.5
6480	-7.5	100.6	-23	-173.8
6490	-7.6	102.3	-25	-173.8
6500	-7.5	104.0	-27	-173.8
6510	-7.3	105.8	-28	-173.8
6520	-7.9	107.5	-30	-174.1
6530	-6.4	109.2	-32	-173.8
6540	-6.1	111.0	-34	-172.5
6550	-24.7	112.5	-35	-146.1
6560	-33.5	113.7	-36	-100.3
6570	-21.0	114.6	-37	-84.3
6580	-9.6	115.2	-38	-56.1
6590	-14.9	115.8	-38	-47.9
6600	-13.2	116.2	-39	-39.9
6610	-6.0	116.5	-39	-27.4
6620	-4.7	116.7	-39	-18.3
6630	-7.2	116.8	-39	-15.7
6640	-4.6	117.0	-40	-10.6
6650	-1.5	117.1	-40	-9.5
6660	-1.5	117.1	-40	-6.6
6670	-1.5	117.2	-40	-5.5
6680	-0.9	117.2	-40	-3.7
6690	-0.9	117.3	-40	-2.3
6700	-0.9	117.3	-40	-2.1
6710	-0.5	117.3	-40	-1.5
6720	-0.1	117.3	-40	-1.3
6730	0.0	117.3	-40	-0.7
6740	0.4	117.3	-40	-0.5
6750	0.8	117.3	-40	-0.2
6760	0.8	117.3	-40	0.0
6770	1.8	117.3	-40	0.0
6780	10.3	117.3	-40	1.8
6790	1.8	117.3	-40	5.0
6800	0.0	117.2	-40	6.3
6810	3.3	117.1	-40	6.1
6820	3.4	117.1	-40	6.9
6830	1.8	117.0	-40	8.7
6840	2.8	116.9	-39	9.8
6850	3.7	116.7	-39	13.3
6860	3.0	116.6	-39	15.7
6870	3.8	116.5	-39	15.9
6880	3.7	116.3	-39	16.2
6890	3.7	116.1	-39	18.1
6900	4.1	115.9	-38	19.7
6910	4.1	115.6	-38	21.8
6920	3.7	115.4	-38	23.6
6930	4.1	115.1	-38	25.8
6940	4.1	114.8	-37	27.6
6950	3.8	114.5	-37	29.2
6960	4.2	114.1	-37	31.4

6970	4.6	113.8	-36	33.2
6980	4.2	113.4	-36	35.4
6990	3.9	113.0	-36	37.5
7000	4.1	112.5	-35	39.4
7010	3.9	112.1	-35	41.5
7020	3.8	111.6	-34	43.1
7030	3.7	111.1	-34	44.7
7040	3.8	110.6	-33	46.5
7050	3.4	110.0	-33	53.7
7060	3.7	109.5	-32	55.6
7070	4.1	108.9	-31	57.5
7080	3.5	108.3	-31	59.3
7090	3.8	107.7	-30	61.4
7100	3.5	107.1	-30	63.6
7110	3.8	106.4	-29	65.4
7120	3.7	105.8	-28	67.0
7130	3.3	105.1	-28	68.9
7140	3.4	104.4	-27	70.8
7150	3.8	103.7	-26	72.6
7160	3.7	102.9	-25	74.2
7170	3.8	102.2	-25	76.1
7180	3.9	101.4	-24	78.2
7190	3.5	100.6	-23	80.1
7200	3.7	99.8	-22	81.9
7210	4.3	99.0	-22	83.8
7220	3.8	98.1	-21	85.9
7230	3.5	97.2	-20	87.8
7240	3.8	96.3	-19	89.9
7250	3.8	95.4	-18	91.5
7260	4.5	94.5	-17	93.4
7270	4.2	93.5	-16	95.3
7280	3.7	92.6	-15	97.7
7290	4.2	91.6	-14	99.5
7300	4.2	90.6	-13	101.4
7310	4.6	89.5	-12	103.2
7320	4.7	88.5	-11	105.6
7330	4.2	87.4	-10	107.8
7340	4.3	86.3	-9	109.9
7350	4.6	85.2	-8	112.0
7360	4.3	84.1	-7	114.2
7370	4.9	82.9	-5	116.3
7380	4.7	81.7	-4	118.7
7390	5.0	80.5	-3	120.5
7400	5.2	79.3	-2	122.9
7410	4.9	78.1	-1	125.6
7420	4.5	76.8	1	127.7
7430	5.0	75.5	2	129.9
7440	4.7	74.2	3	132.3
7450	3.9	72.8	5	134.4
7460	4.9	71.5	6	136.5
7470	5.4	70.1	7	138.4
7480	4.2	68.7	9	140.8
7490	4.2	67.3	10	128.0
7500	21.3	66.0	11	133.3

7510	24.5	65.0	12	98.2
7520	14.4	64.2	13	78.5
7530	14.9	63.5	14	55.6
7540	14.5	63.0	14	49.7
7550	10.0	62.6	15	43.3
7560	11.7	62.2	15	31.6
7570	9.9	62.0	15	27.9
7580	5.8	61.8	16	19.9
7590	5.7	61.6	16	15.9
7600	5.8	61.5	16	11.1
7610	3.7	61.4	16	9.8
7620	2.7	61.3	16	7.4
7630	3.3	61.2	16	6.3
7640	2.8	61.1	16	4.5
7650	2.2	61.1	16	3.9
7660	1.6	61.1	16	3.7
7670	0.5	61.0	16	2.6
7680	0.0	61.0	16	2.1
7690	-0.3	61.0	16	1.8
7700	-0.5	61.0	16	1.8
7710	-0.7	61.0	16	1.3
7720	-1.5	61.0	16	0.7
7730	-8.8	61.0	16	-1.0
7740	-1.8	61.0	16	-4.5
7750	-0.5	61.0	16	-4.7
7760	-6.2	61.1	16	-5.0
7770	-4.1	61.2	16	-7.4
7780	-3.4	61.3	16	-9.5
7790	-6.9	61.4	16	-11.4
7800	-5.4	61.5	16	-14.6
7810	-4.5	61.7	16	-17.0
7820	-7.5	61.9	16	-23.6
7830	-6.4	62.2	15	-27.9
7840	-5.7	62.5	15	-31.6
7850	-7.7	62.8	15	-32.2
7860	-7.9	63.1	14	-32.4
7870	-6.9	63.5	14	-36.7
7880	-8.3	64.0	13	-40.1
7890	-8.7	64.4	13	-48.4
7900	-7.9	64.9	13	-47.9
7910	-8.0	65.5	12	-63.0
7920	-8.8	66.1	11	-68.1
7930	-8.4	66.8	11	-73.2
7940	-8.7	67.5	10	-78.0
7950	-9.4	68.2	9	-83.0
7960	-8.8	69.0	8	-80.9
7970	-8.4	69.9	8	-85.1
7980	-9.5	70.8	7	-89.9
7990	-8.4	71.7	6	-95.3
8000	-7.2	72.7	5	-99.5
8010	-8.1	73.7	4	-103.2
8020	-7.5	74.8	3	-108.0
8030	-6.9	75.9	2	-111.8
8040	-7.7	77.0	0	-115.5

8050	-8.0	78.2	-1	-119.8
8060	-7.2	79.5	-2	-123.5
8070	-7.2	80.7	-3	-127.5
8080	-7.3	82.0	-5	-130.9
8090	-7.1	83.4	-6	-134.9
8100	-6.8	84.7	-7	-138.1
8110	-6.4	86.1	-9	-141.6
8120	-6.6	87.6	-10	-144.5
8130	-6.4	89.1	-12	-148.0
8140	-5.4	90.6	-13	-151.2
8150	-6.0	92.1	-15	-153.3
8160	-5.6	93.6	-16	-156.2
8170	-6.6	95.2	-18	-158.6
8180	-5.3	96.8	-19	-161.8
8190	-5.0	98.5	-21	-164.2
8200	-4.5	100.1	-23	-166.3
8210	-4.1	101.8	-24	-168.5
8220	-4.1	103.5	-26	-170.1
8230	-3.8	105.2	-28	-171.7
8240	-3.5	107.0	-30	-173.3
8250	-3.1	108.7	-31	-173.3
8260	-2.4	110.4	-33	-173.3
8270	-9.1	112.0	-35	-158.9
8280	-30.0	113.3	-36	-109.1
8290	-24.3	114.3	-37	-92.3
8300	-6.1	115.0	-38	-61.2
8310	-10.3	115.6	-38	-51.6
8320	-12.6	116.0	-39	-39.1
8330	-4.3	116.3	-39	-29.8
8340	-1.2	116.6	-39	-19.7
8350	-3.7	116.7	-39	-16.7
8360	-1.9	116.9	-39	-11.4
8370	0.4	117.0	-40	-10.1
8380	0.0	117.1	-40	-7.4
8390	0.1	117.1	-40	-5.0
8400	0.3	117.2	-40	-3.7
8410	0.3	117.2	-40	-2.9
8420	0.3	117.2	-40	-2.1
8430	0.1	117.2	-40	-1.5
8440	0.3	117.3	-40	-1.0
8450	0.5	117.3	-40	-0.7
8460	1.6	117.3	-40	-0.5
8470	4.3	117.3	-40	0.5
8480	3.4	117.3	-40	2.1
8490	1.9	117.2	-40	3.7
8500	3.3	117.2	-40	3.9
8510	3.1	117.1	-40	6.9
8520	1.8	117.0	-40	8.7
8530	2.3	117.0	-40	10.1
8540	2.8	116.9	-39	10.3
8550	2.7	116.7	-39	10.3
8560	3.4	116.6	-39	14.6
8570	3.8	116.5	-39	16.7
8580	3.9	116.3	-39	18.9

8590	4.2	116.1	-39	21.5
8600	4.1	115.9	-38	23.9
8610	3.8	115.7	-38	26.6
8620	3.5	115.4	-38	28.7
8630	3.8	115.1	-38	30.8
8640	3.8	114.8	-37	33.0
8650	3.4	114.5	-37	35.1
8660	3.9	114.2	-37	37.0
8670	4.5	113.8	-36	39.4
8680	4.5	113.5	-36	41.7
8690	4.5	113.1	-36	44.4
8700	4.5	112.6	-35	47.1
8710	4.5	112.2	-35	49.7
8720	4.3	111.7	-34	52.1
8730	4.3	111.2	-34	54.5
8740	4.2	110.7	-33	56.9
8750	4.5	110.2	-33	54.0
8760	4.3	109.6	-32	56.4
8770	4.6	109.0	-32	58.8
8780	5.2	108.4	-31	61.4
8790	5.3	107.8	-30	64.1
8800	5.2	107.1	-30	67.0
8810	5.3	106.4	-29	70.0
8820	5.2	105.7	-28	72.6
8830	4.9	105.0	-28	75.3
8840	4.7	104.2	-27	78.0
8850	4.9	103.4	-26	80.3
8860	4.7	102.6	-25	83.0
8870	4.9	101.7	-24	85.7
8880	5.4	100.9	-23	88.1
8890	5.0	100.0	-23	90.7
8900	5.3	99.0	-22	93.4
8910	5.0	98.1	-21	96.1
8920	5.2	97.1	-20	98.7
8930	5.3	96.1	-19	101.4
8940	4.7	95.0	-18	103.8
8950	5.3	94.0	-17	106.2
8960	5.3	92.9	-15	108.8
8970	4.6	91.8	-14	111.2
8980	5.3	90.7	-13	113.6
8990	5.7	89.5	-12	116.3
9000	6.1	88.3	-11	119.2
9010	5.3	87.1	-10	122.1
9020	5.4	85.9	-8	124.5
9030	5.8	84.6	-7	127.2
9040	5.0	83.3	-6	129.9
9050	5.3	82.0	-5	132.3
9060	5.6	80.7	-3	134.7
9070	5.7	79.3	-2	137.3
9080	5.4	77.9	0	140.0
9090	5.0	76.5	1	142.4
9100	5.8	75.0	2	144.8
9110	5.0	73.6	4	147.7
9120	4.3	72.1	5	150.1

9130	5.8	70.6	7	152.0
9140	5.4	69.0	8	154.4
9150	3.7	67.5	10	156.8
9160	19.9	66.1	11	136.5
9170	29.4	64.9	13	96.6
9180	16.8	64.0	13	83.8
9190	14.1	63.4	14	64.4
9200	17.0	62.8	15	45.2
9210	11.5	62.4	15	39.1
9220	11.4	62.1	15	30.6
9230	11.4	61.8	16	21.5
9240	6.4	61.6	16	18.6
9250	5.4	61.5	16	15.1
9260	6.1	61.3	16	11.1
9270	4.2	61.3	16	9.5
9280	3.5	61.2	16	6.6
9290	4.6	61.1	16	5.5
9300	4.1	61.1	16	3.9
9310	3.7	61.1	16	2.6
9320	3.7	61.0	16	2.1
9330	2.6	61.0	16	1.5
9340	1.1	61.0	16	2.1
9350	0.1	61.0	16	2.1
9360	-0.1	61.0	16	1.8
9370	-0.4	60.9	17	1.8
9380	-0.8	60.9	17	1.8
9390	-1.1	60.9	17	1.0
9400	-7.5	60.9	17	0.2
9410	-5.2	60.9	17	-1.3
9420	-0.3	60.9	17	-1.8
9430	-2.2	61.0	16	-2.1
9440	-5.2	61.0	16	-3.7
9450	-2.0	61.0	16	-7.1
9460	-4.2	61.1	16	-8.7
9470	-5.4	61.2	16	-11.1
9480	-3.4	61.3	16	-13.8
9490	-4.6	61.5	16	-16.2
9500	-6.0	61.6	16	-18.6
9510	-4.6	61.8	16	-22.0
9520	-5.0	62.1	15	-22.6
9530	-6.9	62.3	15	-22.6
9540	-6.2	62.6	15	-31.9
9550	-6.0	62.9	15	-35.9
9560	-7.5	63.2	14	-35.9
9570	-7.5	63.6	14	-35.9
9580	-6.9	64.1	13	-39.6
9590	-7.7	64.5	13	-42.8
9600	-8.0	65.0	12	-46.8
9610	-7.2	65.6	12	-50.3
9620	-8.1	66.2	11	-54.0
9630	-8.9	66.8	11	-58.0
9640	-8.3	67.5	10	-62.0
9650	-8.5	68.2	9	-73.2
9660	-8.4	69.0	8	-78.2

9670	-7.5	69.8	8	-82.5
9680	-8.0	70.7	7	-86.5
9690	-7.9	71.6	6	-91.0
9700	-7.1	72.5	5	-95.3
9710	-6.6	73.5	4	-98.5
9720	-7.5	74.5	3	-102.4
9730	-6.5	75.6	2	-106.2
9740	-6.8	76.6	1	-109.6
9750	-7.5	77.8	0	-113.4
9760	-6.8	78.9	-1	-116.8
9770	-6.6	80.1	-3	-120.8
9780	-6.2	81.4	-4	-123.7
9790	-6.1	82.6	-5	-127.5
9800	-6.0	83.9	-6	-130.1
9810	-6.1	85.2	-8	-133.6
9820	-6.6	86.6	-9	-136.3
9830	-5.8	88.0	-11	-139.5
9840	-6.5	89.4	-12	-142.6
9850	-5.7	90.9	-13	-145.6
9860	-6.4	92.3	-15	-148.2
9870	-5.6	93.8	-16	-151.2
9880	-6.5	95.4	-18	-153.8
9890	-5.7	96.9	-19	-156.8
9900	-4.7	98.5	-21	-159.7
9910	-5.2	100.1	-23	-162.1
9920	-4.7	101.8	-24	-164.5
9930	-4.7	103.4	-26	-166.3
9940	-5.2	105.1	-28	-168.5
9950	-5.2	106.8	-29	-170.6
9960	-4.1	108.5	-31	-172.5
9970	-3.8	110.3	-33	-173.5
9980	-10.0	111.9	-34	-162.6
9990	-32.7	113.2	-36	-111.5
10000	-27.3	114.2	-37	-94.7
10010	-9.5	115.0	-38	-62.8
10020	-13.3	115.5	-38	-52.7
10030	-16.5	116.0	-39	-44.1
10040	-9.1	116.3	-39	-30.3
10050	-4.9	116.5	-39	-20.2
10060	-7.7	116.7	-39	-18.6
10070	-6.4	116.9	-39	-13.0
10080	-3.3	117.0	-40	-8.7
10090	-2.0	117.1	-40	-7.7
10100	-3.0	117.1	-40	-5.5
10110	-2.7	117.2	-40	-4.2
10120	-2.4	117.2	-40	-3.1
10130	-3.5	117.2	-40	-2.3
10140	-3.1	117.2	-40	-1.5
10150	-1.8	117.3	-40	-1.3
10160	-1.2	117.3	-40	-0.7
10170	-0.1	117.3	-40	-0.7
10180	0.5	117.3	-40	-0.5
10190	0.7	117.3	-40	0.0
10200	0.8	117.3	-40	0.0

10210	1.2	117.3	-40	0.0
10220	8.7	117.3	-40	1.3
10230	3.4	117.2	-40	4.2
10240	-0.4	117.2	-40	5.3
10250	1.9	117.1	-40	5.3
10260	3.3	117.0	-40	6.3
10270	2.2	116.9	-39	8.2
10280	2.8	116.8	-39	11.7
10290	4.3	116.7	-39	11.9
10300	3.7	116.6	-39	15.7
10310	4.2	116.4	-39	18.1
10320	4.3	116.2	-39	20.4
10330	3.9	116.0	-39	23.1
10340	4.5	115.8	-38	25.2
10350	4.5	115.6	-38	28.2
10360	3.9	115.3	-38	27.9
10370	4.5	115.0	-38	27.1
10380	4.7	114.7	-37	29.2
10390	4.5	114.3	-37	31.6
10400	5.0	114.0	-37	33.5
10410	5.0	113.6	-36	35.9
10420	4.7	113.2	-36	38.3
10430	4.9	112.7	-35	40.7
10440	4.9	112.2	-35	43.1
10450	4.7	111.7	-34	45.2
10460	4.9	111.2	-34	47.6
10470	4.7	110.7	-33	49.7
10480	4.5	110.1	-33	58.0
10490	4.3	109.5	-32	60.1
10500	5.2	108.9	-31	62.8
10510	4.9	108.2	-31	65.2
10520	5.0	107.5	-30	67.8
10530	4.9	106.8	-29	70.8
10540	5.2	106.1	-29	73.4
10550	5.3	105.4	-28	75.8
10560	4.6	104.6	-27	78.8
10570	4.3	103.8	-26	81.1
10580	5.2	102.9	-25	83.5
10590	5.0	102.1	-25	85.9
10600	5.0	101.2	-24	88.6
10610	4.7	100.3	-23	91.0
10620	5.0	99.4	-22	93.4
10630	5.4	98.4	-21	96.1
10640	5.6	97.4	-20	99.0
10650	5.0	96.4	-19	101.9
10660	5.4	95.4	-18	104.6
10670	5.6	94.3	-17	107.0
10680	5.8	93.2	-16	109.9
10690	5.2	92.1	-15	112.8
10700	5.4	90.9	-13	115.5
10710	5.4	89.8	-12	118.4
10720	5.8	88.6	-11	121.1
10730	5.8	87.3	-10	124.0
10740	5.7	86.1	-9	126.9

10750	6.1	84.8	-7	130.1
10760	5.8	83.5	-6	132.8
10770	6.1	82.1	-5	135.7
10780	6.1	80.7	-3	138.9
10790	6.2	79.3	-2	141.6
10800	5.8	77.9	0	144.5
10810	5.4	76.4	1	147.4
10820	6.0	74.9	3	150.1
10830	5.7	73.4	4	153.0
10840	5.7	71.8	6	155.7
10850	6.9	70.3	7	158.6
10860	6.4	68.6	9	161.5
10870	6.0	67.0	10	178.1
10880	28.3	65.7	12	133.6
10890	30.4	64.6	13	93.7
10900	17.4	63.7	14	79.8
10910	18.4	63.0	14	66.5
10920	16.8	62.5	15	47.3
10930	12.7	62.2	15	36.4
10940	14.5	61.8	16	30.6
10950	11.7	61.6	16	21.5
10960	7.1	61.4	16	16.2
10970	6.8	61.3	16	12.2
10980	6.9	61.2	16	9.8
10990	5.2	61.1	16	6.3
11000	4.3	61.1	16	5.5
11010	4.7	61.0	16	3.9
11020	4.1	61.0	16	3.1
11030	3.1	61.0	16	2.9
11040	2.6	60.9	17	2.1
11050	0.9	60.9	17	2.1
11060	-0.1	60.9	17	1.8
11070	-0.4	60.9	17	0.2
11080	-0.8	60.9	17	0.0
11090	-1.1	60.9	17	0.5
11100	-12.2	60.9	17	0.5
11110	-9.4	60.9	17	-2.6
11120	-3.4	60.9	17	-4.2
11130	-6.0	61.0	16	-6.3
11140	-9.9	61.1	16	-9.3
11150	-6.6	61.2	16	-13.8
11160	-7.9	61.4	16	-17.3
11170	-9.9	61.7	16	-25.8
11180	-8.7	61.9	16	-31.1
11190	-10.2	62.2	15	-36.4
11200	-11.1	62.6	15	-38.8
11210	-9.9	63.0	14	-44.7
11220	-11.8	63.5	14	-45.5
11230	-13.8	64.1	13	-62.8
11240	-13.4	64.7	13	-70.5
11250	-14.1	65.4	12	-78.5
11260	-14.8	66.2	11	-87.3
11270	-15.6	67.1	10	-95.8
11280	-15.9	68.0	9	-104.6

11290	-15.9	69.0	8	-104.3
11300	-15.9	70.1	7	-113.1
11310	-16.7	71.3	6	-121.9
11320	-16.3	72.6	5	-131.2
11330	-15.7	74.0	3	-140.0
11340	-15.9	75.5	2	-149.3
11350	-15.7	77.0	0	-157.6
11360	-15.1	78.7	-1	-166.1
11370	-14.4	80.4	-3	-173.8
11380	-16.7	82.1	-5	-174.6
11390	-16.4	83.9	-6	-174.6
11400	-13.3	85.6	-8	-174.9
11410	-13.0	87.4	-10	-174.3
11420	-12.2	89.1	-12	-174.3
11430	-9.9	90.8	-13	-174.3
11440	-8.8	92.6	-15	-173.8
11450	-7.3	94.3	-17	-173.8
11460	-7.6	96.1	-19	-174.1
11470	-6.6	97.8	-20	-173.5
11480	-4.3	99.5	-22	-173.8
11490	-5.2	101.3	-24	-173.8
11500	-5.6	103.0	-26	-173.5
11510	-6.1	104.8	-27	-173.8
11520	-6.5	106.5	-29	-173.8
11530	-7.6	108.2	-31	-173.8
11540	-5.7	110.0	-33	-174.1
11550	-9.4	111.6	-34	-150.1
11560	-33.0	113.1	-36	-143.4
11570	-30.8	114.1	-37	-89.4
11580	-12.9	114.9	-37	-81.1
11590	-12.7	115.5	-38	-55.6
11600	-17.6	115.9	-38	-42.5
11610	-11.5	116.3	-39	-28.7
11620	-4.9	116.6	-39	-26.0
11630	-6.2	116.7	-39	-17.8
11640	-7.2	116.9	-39	-15.1
11650	-3.7	117.0	-40	-10.1
11660	-1.1	117.1	-40	-6.6
11670	-1.9	117.1	-40	-6.1
11680	-1.9	117.2	-40	-4.2
11690	-1.1	117.2	-40	-3.1
11700	-0.9	117.2	-40	-2.1
11710	-0.8	117.3	-40	-1.5
11720	0.0	117.3	-40	-1.3
11730	0.4	117.3	-40	-1.0
11740	0.5	117.3	-40	-0.5
11750	0.7	117.3	-40	-0.2
11760	0.9	117.3	-40	0.2
11770	7.7	117.3	-40	0.2
11780	6.1	117.3	-40	4.2
11790	0.3	117.2	-40	6.1
11800	1.8	117.1	-40	7.1
11810	4.7	117.0	-40	7.7
11820	2.0	116.9	-39	10.1

11830	2.8	116.8	-39	13.5
11840	5.2	116.7	-39	14.9
11850	3.0	116.5	-39	15.9
11860	3.5	116.4	-39	16.2
11870	5.2	116.2	-39	17.8
11880	4.1	115.9	-38	20.2
11890	3.9	115.7	-38	22.0
11900	4.9	115.4	-38	24.4
11910	4.3	115.1	-38	26.6
11920	4.2	114.8	-37	28.7
11930	4.6	114.5	-37	30.8
11940	4.1	114.1	-37	33.0
11950	4.2	113.8	-36	34.8
11960	4.7	113.4	-36	36.7
11970	4.5	112.9	-35	39.1
11980	4.7	112.5	-35	41.5
11990	5.0	112.0	-35	43.6
12000	4.7	111.5	-34	46.0
12010	4.9	111.0	-34	48.1
12020	4.7	110.4	-33	56.1
12030	4.3	109.8	-32	58.5
12040	4.3	109.2	-32	61.2
12050	4.6	108.6	-31	63.3
12060	4.3	107.9	-30	65.7
12070	4.2	107.2	-30	68.1
12080	4.2	106.5	-29	70.2
12090	4.2	105.8	-28	72.4
12100	4.2	105.1	-28	74.5
12110	3.9	104.3	-27	76.6
12120	4.3	103.5	-26	78.8
12130	4.2	102.7	-25	80.6
12140	3.8	101.9	-24	83.0
12150	4.3	101.1	-24	84.9
12160	3.8	100.2	-23	87.0
12170	3.8	99.3	-22	88.9
12180	4.1	98.4	-21	91.0
12190	4.2	97.5	-20	92.9
12200	4.6	96.5	-19	95.0
12210	3.9	95.6	-18	97.1
12220	4.1	94.6	-17	99.3
12230	4.6	93.6	-16	101.1
12240	4.2	92.6	-15	103.2
12250	4.1	91.5	-14	105.4
12260	4.5	90.4	-13	107.2
12270	4.6	89.3	-12	109.1
12280	4.7	88.2	-11	111.5
12290	4.7	87.1	-10	113.9
12300	4.7	85.9	-8	116.0
12310	5.0	84.8	-7	118.4
12320	4.9	83.6	-6	120.8
12330	4.9	82.3	-5	122.9
12340	4.7	81.1	-4	125.6
12350	5.6	79.8	-2	127.7
12360	5.6	78.5	-1	130.4

12370	4.6	77.2	0	133.1
12380	5.3	75.9	2	135.2
12390	6.1	74.5	3	137.9
12400	5.2	73.1	4	140.8
12410	5.8	71.6	6	143.4
12420	6.6	70.2	7	146.1
12430	5.4	68.7	9	149.3
12440	5.6	67.2	10	150.9
12450	25.1	65.9	12	127.5
12460	28.1	64.8	13	91.0
12470	16.7	64.0	13	79.6
12480	17.8	63.3	14	67.8
12490	16.3	62.8	15	49.2
12500	12.3	62.4	15	38.6
12510	14.5	62.1	15	33.2
12520	13.0	61.8	16	23.9
12530	8.7	61.6	16	18.6
12540	8.0	61.5	16	15.7
12550	7.9	61.3	16	11.4
12560	6.5	61.2	16	9.8
12570	7.1	61.2	16	6.9
12580	7.7	61.1	16	4.7
12590	6.8	61.1	16	4.7
12600	6.8	61.0	16	3.7
12610	6.5	61.0	16	2.9
12620	5.3	61.0	16	2.1
12630	3.7	61.0	16	2.1
12640	2.3	60.9	17	2.1
12650	0.8	60.9	17	2.1
12660	0.0	60.9	17	1.8
12670	-0.3	60.9	17	0.2
12680	-0.8	60.9	17	0.0
12690	-0.9	60.9	17	0.7
12700	-5.8	60.9	17	0.5
12710	-9.9	60.9	17	-2.1
12720	-2.8	60.9	17	-3.1
12730	-2.4	61.0	16	-5.3
12740	-8.3	61.0	16	-7.4
12750	-5.4	61.1	16	-11.7
12760	-5.6	61.3	16	-15.4
12770	-8.5	61.4	16	-18.6
12780	-6.2	61.6	16	-23.4
12790	-6.8	61.9	16	-27.1
12800	-9.1	62.1	15	-28.2
12810	-8.4	62.4	15	-29.8
12820	-7.9	62.8	15	-34.0
12830	-10.2	63.2	14	-46.5
12840	-10.2	63.7	14	-52.7
12850	-9.5	64.2	13	-58.5
12860	-10.3	64.8	13	-63.8
12870	-10.2	65.4	12	-70.0
12880	-8.9	66.1	11	-76.1
12890	-9.8	66.8	11	-81.7
12900	-10.0	67.6	10	-87.0

12910	-9.5	68.4	9	-84.9
12920	-9.5	69.3	8	-90.2
12930	-9.9	70.3	7	-95.3
12940	-10.6	71.3	6	-100.8
12950	-9.4	72.3	5	-106.7
12960	-9.6	73.4	4	-111.5
12970	-9.9	74.6	3	-116.8
12980	-8.5	75.8	2	-121.9
12990	-8.8	77.0	0	-126.4
13000	-9.5	78.3	-1	-131.2
13010	-8.8	79.7	-2	-135.7
13020	-8.1	81.1	-4	-140.5
13030	-8.4	82.5	-5	-144.8
13040	-8.5	84.0	-7	-148.8
13050	-7.3	85.5	-8	-153.3
13060	-8.8	87.1	-10	-156.8
13070	-8.0	88.7	-11	-161.3
13080	-7.3	90.3	-13	-165.5
13090	-6.9	92.0	-15	-168.7
13100	-7.1	93.7	-16	-172.2
13110	-8.9	95.5	-18	-173.8
13120	-9.2	97.2	-20	-174.1
13130	-8.3	98.9	-21	-174.1
13140	-8.3	100.7	-23	-173.8
13150	-8.1	102.4	-25	-174.1
13160	-8.3	104.2	-27	-174.1
13170	-8.4	105.9	-28	-173.8
13180	-8.3	107.6	-30	-174.1
13190	-6.5	109.4	-32	-173.8
13200	-7.5	111.0	-34	-156.0
13210	-28.7	112.6	-35	-157.0
13220	-35.0	113.7	-36	-109.6
13230	-20.3	114.7	-37	-89.9
13240	-11.3	115.3	-38	-60.9
13250	-18.3	115.8	-38	-46.5
13260	-17.4	116.2	-39	-31.6
13270	-7.1	116.5	-39	-28.7
13280	-5.7	116.7	-39	-19.7
13290	-9.6	116.8	-39	-13.3
13300	-6.9	117.0	-40	-12.2
13310	-2.7	117.0	-40	-8.2
13320	-2.6	117.1	-40	-5.5
13330	-3.4	117.2	-40	-5.3
13340	-2.3	117.2	-40	-3.4
13350	-1.9	117.2	-40	-2.3
13360	-2.2	117.2	-40	-1.8
13370	-1.5	117.3	-40	-1.5
13380	-0.3	117.3	-40	-0.7
13390	0.1	117.3	-40	-0.5
13400	0.4	117.3	-40	-0.5
13410	0.7	117.3	-40	0.0
13420	0.8	117.3	-40	0.0
13430	2.0	117.3	-40	0.2
13440	11.4	117.3	-40	2.9

13450	1.8	117.2	-40	7.7
13460	0.1	117.1	-40	8.7
13470	6.8	117.0	-40	9.5
13480	3.5	116.9	-39	12.5
13490	2.4	116.8	-39	14.9
13500	6.2	116.7	-39	16.2
13510	4.3	116.5	-39	19.7
13520	3.0	116.3	-39	20.4
13530	6.4	116.1	-39	24.2
13540	4.9	115.8	-38	27.9
13550	4.3	115.5	-38	31.4
13560	6.1	115.2	-38	34.0
13570	4.9	114.9	-37	37.2
13580	4.3	114.5	-37	40.1
13590	5.6	114.2	-37	43.1
13600	4.9	113.7	-36	46.0
13610	4.5	113.3	-36	48.4
13620	5.0	112.8	-35	51.9
13630	5.2	112.3	-35	54.8
13640	5.3	111.8	-34	57.7
13650	5.2	111.3	-34	60.9
13660	4.9	110.7	-33	63.6
13670	5.0	110.1	-33	60.6
13680	5.2	109.5	-32	63.3
13690	5.6	108.8	-31	66.2
13700	5.3	108.1	-31	68.9
13710	4.9	107.4	-30	71.8
13720	4.6	106.7	-29	74.5
13730	5.0	105.9	-28	76.9
13740	5.0	105.1	-28	79.6
13750	4.6	104.3	-27	81.9
13760	4.9	103.5	-26	84.6
13770	4.7	102.6	-25	86.7
13780	4.6	101.7	-24	89.4
13790	5.0	100.8	-23	92.1
13800	4.5	99.9	-22	94.5
13810	5.2	98.9	-21	96.9
13820	5.6	97.9	-20	99.5
13830	5.6	96.9	-19	102.2
13840	5.2	95.9	-18	105.1
13850	5.4	94.8	-17	107.5
13860	5.6	93.7	-16	110.2
13870	5.4	92.6	-15	113.1
13880	5.7	91.4	-14	115.8
13890	5.8	90.3	-13	118.4
13900	6.1	89.1	-12	121.3
13910	6.1	87.8	-10	124.5
13920	6.0	86.5	-9	127.5
13930	6.4	85.2	-8	130.7
13940	6.2	83.9	-6	133.6
13950	6.8	82.6	-5	136.8
13960	6.1	81.2	-4	140.2
13970	6.8	79.7	-2	143.2
13980	6.8	78.3	-1	146.6

13990	5.6	76.8	1	149.6
14000	6.1	75.3	2	152.5
14010	6.1	73.7	4	155.4
14020	5.4	72.2	5	158.4
14030	6.4	70.5	7	160.7
14040	6.2	68.9	9	163.7
14050	4.7	67.3	10	149.6
14060	25.4	65.9	12	125.6
14070	32.3	64.6	13	119.5
14080	18.2	63.8	14	74.0
14090	17.1	63.1	14	62.8
14100	17.0	62.6	15	48.4
14110	11.9	62.2	15	36.4
14120	13.8	61.9	16	28.2
14130	11.5	61.7	16	21.5
14140	5.8	61.5	16	17.5
14150	4.9	61.4	16	12.2
14160	5.0	61.3	16	9.5
14170	2.6	61.2	16	6.1
14180	1.8	61.1	16	5.0
14190	2.3	61.1	16	4.2
14200	2.3	61.1	16	3.4
14210	1.6	61.0	16	2.3
14220	1.1	61.0	16	1.8
14230	0.0	61.0	16	1.8
14240	-0.1	61.0	16	1.5
14250	-0.7	61.0	16	1.5
14260	-0.9	60.9	17	1.0
14270	-7.9	60.9	17	0.2
14280	-9.2	61.0	16	-3.4
14290	-0.7	61.0	16	-8.7
14300	-5.3	61.1	16	-9.8
14310	-7.7	61.2	16	-12.7
14320	-2.3	61.4	16	-16.7
14330	-5.3	61.5	16	-18.9
14340	-8.3	61.7	16	-19.7
14350	-4.5	61.9	16	-23.6
14360	-6.8	62.2	15	-26.3
14370	-9.9	62.5	15	-27.4
14380	-6.8	62.8	15	-31.6
14390	-7.6	63.2	14	-35.6
14400	-10.4	63.6	14	-39.4
14410	-8.3	64.1	13	-54.0
14420	-7.9	64.7	13	-58.5
14430	-9.9	65.2	12	-63.3
14440	-8.7	65.8	12	-56.4
14450	-8.1	66.5	11	-60.6
14460	-9.5	67.2	10	-64.4
14470	-9.5	68.0	9	-76.9
14480	-8.7	68.8	9	-81.9
14490	-9.1	69.6	8	-86.7
14500	-9.4	70.6	7	-91.8
14510	-8.1	71.5	6	-96.9
14520	-8.3	72.5	5	-101.4

14530	-8.3	73.6	4	-105.4
14540	-8.0	74.6	3	-110.2
14550	-8.1	75.8	2	-114.4
14560	-9.1	77.0	0	-118.7
14570	-9.1	78.2	-1	-123.2
14580	-8.8	79.5	-2	-128.0
14590	-8.9	80.8	-3	-132.8
14600	-8.4	82.1	-5	-137.3
14610	-7.9	83.5	-6	-141.6
14620	-7.9	85.0	-8	-145.8
14630	-8.1	86.5	-9	-149.6
14640	-7.5	88.0	-11	-153.8
14650	-7.3	89.6	-12	-157.3
14660	-6.8	91.2	-14	-161.3
14670	-7.6	92.8	-15	-164.5
14680	-7.1	94.5	-17	-167.9
14690	-7.5	96.2	-19	-171.7
14700	-8.4	97.9	-20	-173.8
14710	-8.3	99.7	-22	-173.8
14720	-8.7	101.4	-24	-174.1
14730	-8.0	103.1	-26	-173.8
14740	-8.5	104.9	-27	-173.8
14750	-8.5	106.6	-29	-174.1
14760	-8.7	108.4	-31	-173.8
14770	-6.6	110.1	-33	-174.1
14780	-11.3	111.7	-34	-148.2
14790	-35.0	113.1	-36	-141.0
14800	-31.7	114.1	-37	-98.2
14810	-13.4	115.0	-38	-79.6
14820	-15.6	115.5	-38	-54.5
14830	-21.0	116.0	-39	-41.7
14840	-14.1	116.3	-39	-27.9
14850	-6.9	116.6	-39	-25.2
14860	-9.1	116.7	-39	-17.3
14870	-10.0	116.9	-39	-14.9
14880	-6.5	117.0	-40	-9.8
14890	-4.1	117.1	-40	-6.6
14900	-5.8	117.1	-40	-6.1
14910	-6.1	117.2	-40	-4.5
14920	-4.5	117.2	-40	-2.9
14930	-4.5	117.2	-40	-1.8
14940	-5.2	117.3	-40	-1.8
14950	-3.9	117.3	-40	-1.3
14960	-2.6	117.3	-40	-1.0
14970	-1.6	117.3	-40	-0.2
14980	-0.7	117.3	-40	-0.2
14990	0.3	117.3	-40	-0.2
15000	0.5	117.3	-40	0.0
15010	0.7	117.3	-40	0.0
15020	0.7	117.3	-40	0.0
15030	0.7	117.3	-40	0.5
15040	1.4	117.3	-40	0.7
15050	7.1	117.3	-40	1.5
15060	2.2	117.2	-40	5.0

15070	0.3	117.2	-40	6.1
15080	4.3	117.1	-40	6.9
15090	3.4	117.0	-40	9.0
15100	2.4	116.9	-39	11.1
15110	4.5	116.8	-39	12.7
15120	4.7	116.7	-39	15.1
15130	3.1	116.5	-39	18.1
15140	4.2	116.4	-39	20.2
15150	4.9	116.2	-39	22.3
15160	3.5	115.9	-38	23.1
15170	4.1	115.7	-38	22.3
15180	5.0	115.4	-38	24.4
15190	4.2	115.1	-38	26.8
15200	4.6	114.8	-37	29.0
15210	5.2	114.5	-37	31.1
15220	4.7	114.1	-37	33.5
15230	4.7	113.7	-36	35.6
15240	4.9	113.3	-36	38.3
15250	4.3	112.9	-35	40.4
15260	5.0	112.4	-35	42.8
15270	5.4	111.9	-34	45.2
15280	5.0	111.4	-34	47.9
15290	4.9	110.8	-33	50.0
15300	4.7	110.2	-33	58.3
15310	4.3	109.6	-32	60.9
15320	4.5	109.0	-32	63.0
15330	4.5	108.4	-31	65.4
15340	4.3	107.7	-30	67.8
15350	4.2	107.0	-30	70.2
15360	4.5	106.3	-29	72.4
15370	4.3	105.5	-28	74.8
15380	4.5	104.8	-27	76.9
15390	4.7	104.0	-27	79.3
15400	5.2	103.2	-26	81.7
15410	4.6	102.3	-25	84.1
15420	4.5	101.5	-24	86.5
15430	4.5	100.6	-23	88.9
15440	4.1	99.7	-22	91.0
15450	4.1	98.7	-21	93.4
15460	4.3	97.8	-20	95.0
15470	4.1	96.8	-19	97.1
15480	4.3	95.8	-18	99.5
15490	4.7	94.8	-17	101.4
15500	4.2	93.8	-16	103.8
15510	4.6	92.7	-15	105.6
15520	4.6	91.7	-14	107.8
15530	3.9	90.6	-13	110.2
15540	4.2	89.5	-12	112.0
15550	4.3	88.3	-11	113.9
15560	3.9	87.2	-10	116.0
15570	4.3	86.0	-9	117.6
15580	4.7	84.8	-7	119.8
15590	4.3	83.6	-6	121.9
15600	4.7	82.3	-5	124.0

15610	5.0	81.1	-4	126.1
15620	5.3	79.8	-2	128.8
15630	5.3	78.5	-1	131.2
15640	4.3	77.2	0	133.6
15650	4.5	75.8	2	136.0
15660	5.3	74.4	3	138.1
15670	4.3	73.0	4	140.2
15680	4.6	71.6	6	142.6
15690	6.2	70.2	7	144.8
15700	5.0	68.7	9	147.4
15710	4.6	67.3	10	134.1
15720	24.8	65.9	12	138.1
15730	27.5	64.9	13	101.1
15740	14.1	64.0	13	79.3
15750	16.5	63.4	14	55.9
15760	19.1	62.8	15	49.5
15770	10.4	62.4	15	38.6
15780	10.7	62.1	15	30.8
15790	11.9	61.8	16	26.8
15800	6.8	61.6	16	19.1
15810	5.3	61.5	16	14.6
15820	6.4	61.4	16	10.6
15830	4.3	61.3	16	9.3
15840	3.4	61.2	16	6.3
15850	4.6	61.1	16	5.5
15860	3.8	61.1	16	4.2
15870	2.6	61.0	16	3.9
15880	2.4	61.0	16	2.9
15890	0.8	61.0	16	2.3
15900	-0.3	61.0	16	1.5
15910	-0.5	60.9	17	1.5
15920	-0.8	60.9	17	1.3
15930	-5.0	60.9	17	0.2
15940	-11.0	60.9	17	-2.6
15950	-1.8	61.0	16	-6.6
15960	-3.7	61.1	16	-9.5
15970	-10.0	61.2	16	-10.9
15980	-4.1	61.3	16	-17.0
15990	-4.9	61.5	16	-19.9
16000	-9.9	61.7	16	-20.4
16010	-6.2	62.0	15	-22.8
16020	-5.4	62.2	15	-25.8
16030	-10.6	62.6	15	-35.4
16040	-8.4	62.9	15	-41.5
16050	-6.8	63.3	14	-46.8
16060	-10.4	63.8	14	-46.3
16070	-10.6	64.3	13	-46.3
16080	-8.1	64.8	13	-51.3
16090	-10.4	65.5	12	-67.8
16100	-11.0	66.1	11	-74.0
16110	-9.1	66.8	11	-80.3
16120	-10.3	67.6	10	-85.7
16130	-11.4	68.4	9	-83.5
16140	-9.4	69.3	8	-89.9

16150	-9.9	70.3	7	-95.3
16160	-11.9	71.3	6	-100.8
16170	-9.6	72.3	5	-107.5
16180	-9.5	73.4	4	-112.3
16190	-11.3	74.6	3	-117.9
16200	-9.5	75.8	2	-123.5
16210	-8.9	77.1	0	-128.5
16220	-10.4	78.4	-1	-133.3
16230	-9.2	79.8	-2	-138.7
16240	-7.9	81.2	-4	-143.4
16250	-8.5	82.7	-5	-147.7
16260	-9.1	84.2	-7	-152.0
16270	-7.2	85.7	-8	-156.5
16280	-8.8	87.3	-10	-160.2
16290	-9.4	89.0	-12	-164.7
16300	-7.5	90.6	-13	-169.3
16310	-7.5	92.4	-15	-172.7
16320	-10.3	94.1	-17	-174.1
16330	-11.9	95.8	-18	-174.1
16340	-9.8	97.6	-20	-174.1
16350	-8.1	99.3	-22	-174.1
16360	-10.2	101.1	-24	-174.1
16370	-10.3	102.8	-25	-174.1
16380	-8.9	104.6	-27	-174.1
16390	-9.4	106.3	-29	-174.1
16400	-10.4	108.0	-31	-174.1
16410	-8.1	109.8	-32	-174.3
16420	-9.6	111.5	-34	-186.8
16430	-33.8	112.9	-35	-135.5
16440	-32.7	114.0	-37	-113.4
16450	-17.5	114.8	-37	-77.2
16460	-15.3	115.5	-38	-56.9
16470	-19.0	115.9	-38	-44.1
16480	-13.3	116.3	-39	-36.4
16490	-10.0	116.5	-39	-25.0
16500	-9.6	116.7	-39	-16.7
16510	-8.3	116.9	-39	-15.7
16520	-7.5	117.0	-40	-10.6
16530	-7.1	117.1	-40	-7.1
16540	-6.9	117.2	-40	-6.6
16550	-7.6	117.2	-40	-5.0
16560	-9.1	117.2	-40	-3.4
16570	-8.7	117.3	-40	-2.9
16580	-6.1	117.3	-40	-1.8
16590	-3.8	117.3	-40	-1.3
16600	-5.3	117.3	-40	-1.0
16610	-4.3	117.3	-40	-0.7
16620	-1.6	117.3	-40	-0.2
16630	0.0	117.3	-40	0.0
16640	-0.1	117.3	-40	0.0
16650	0.0	117.3	-40	-0.2
16660	0.1	117.3	-40	-0.5
16670	0.1	117.3	-40	0.0
16680	0.3	117.3	-40	0.0

16690	0.5	117.3	-40	0.0
16700	0.7	117.3	-40	0.2
16710	0.8	117.3	-40	0.2
16720	0.9	117.3	-40	0.5
16730	6.9	117.3	-40	1.3
16740	6.4	117.3	-40	5.8
16750	0.8	117.2	-40	9.0
16760	3.3	117.1	-40	10.1
16770	5.3	117.0	-40	11.9
16780	2.8	116.9	-39	13.5
16790	2.7	116.7	-39	13.5
16800	5.4	116.6	-39	14.9
16810	3.5	116.4	-39	17.5
16820	3.4	116.2	-39	23.4
16830	5.6	115.9	-38	25.5
16840	4.1	115.7	-38	26.0
16850	3.8	115.4	-38	25.8
16860	5.6	115.1	-38	27.6
16870	4.3	114.8	-37	30.0
16880	3.4	114.4	-37	32.2
16890	4.3	114.1	-37	34.0
16900	4.5	113.7	-36	35.9
16910	4.2	113.3	-36	38.0
16920	4.2	112.8	-35	40.4
16930	4.6	112.3	-35	42.5
16940	5.0	111.9	-34	44.7
16950	5.2	111.3	-34	46.8
16960	5.0	110.8	-33	49.2
16970	4.9	110.2	-33	57.5
16980	4.5	109.6	-32	60.1
16990	4.7	109.0	-32	62.8
17000	4.7	108.3	-31	64.9
17010	5.0	107.7	-30	67.6
17020	4.9	107.0	-30	70.5
17030	4.6	106.3	-29	73.2
17040	4.6	105.5	-28	75.3
17050	4.9	104.7	-27	78.0
17060	4.6	103.9	-26	80.3
17070	5.2	103.1	-26	82.7
17080	4.9	102.3	-25	85.1
17090	4.3	101.4	-24	87.8
17100	4.3	100.5	-23	89.9
17110	4.6	99.6	-22	92.3
17120	5.2	98.6	-21	94.5
17130	4.9	97.7	-20	97.1
17140	5.0	96.7	-19	99.8
17150	5.0	95.7	-18	102.2
17160	4.9	94.6	-17	104.6
17170	5.4	93.6	-16	107.2
17180	5.3	92.5	-15	109.9
17190	4.9	91.4	-14	112.3
17200	5.3	90.2	-13	115.0
17210	5.3	89.0	-12	117.4
17220	5.3	87.8	-10	119.8

17230	5.2	86.6	-9	122.7
17240	5.3	85.4	-8	125.1
17250	5.6	84.1	-7	127.7
17260	5.7	82.8	-5	130.4
17270	4.9	81.5	-4	133.3
17280	5.7	80.1	-3	135.5
17290	5.7	78.8	-1	138.4
17300	4.6	77.3	0	141.0
17310	5.2	75.9	2	143.2
17320	6.2	74.5	3	146.1
17330	4.5	73.0	4	148.5
17340	4.7	71.5	6	150.9
17350	6.1	70.0	7	152.8
17360	4.3	68.4	9	155.7
17370	6.8	66.9	11	169.0
17380	28.2	65.6	12	124.8
17390	26.0	64.6	13	88.1
17400	14.4	63.7	14	75.8
17410	17.4	63.1	14	58.8
17420	15.9	62.6	15	41.2
17430	11.5	62.2	15	35.6
17440	11.8	61.9	16	30.6
17450	9.5	61.7	16	21.8
17460	5.6	61.5	16	16.7
17470	5.8	61.4	16	14.1
17480	6.0	61.3	16	10.1
17490	3.9	61.2	16	8.7
17500	4.1	61.1	16	5.8
17510	4.6	61.1	16	5.0
17520	4.1	61.1	16	3.7
17530	4.2	61.0	16	2.3
17540	3.9	61.0	16	2.1
17550	2.2	61.0	16	2.1
17560	0.9	61.0	16	1.8
17570	0.3	60.9	17	2.1
17580	0.0	60.9	17	1.8
17590	-0.4	60.9	17	1.8
17600	-0.7	60.9	17	0.5
17610	-0.8	60.9	17	0.0
17620	-3.0	60.9	17	0.5
17630	-7.7	60.9	17	-0.7
17640	-1.1	60.9	17	-1.8
17650	-0.9	60.9	17	-1.3
17660	-5.8	60.9	17	-2.6
17670	-3.4	61.0	16	-5.3
17680	-3.8	61.1	16	-6.6
17690	-6.4	61.2	16	-8.7
17700	-4.7	61.3	16	-11.7
17710	-4.7	61.4	16	-17.0
17720	-6.6	61.6	16	-19.9
17730	-6.0	61.8	16	-23.6
17740	-5.7	62.1	15	-25.0
17750	-7.5	62.3	15	-25.0
17760	-7.3	62.7	15	-35.1

17770	-6.6	63.0	14	-39.4
17780	-8.1	63.4	14	-43.6
17790	-8.3	63.8	14	-48.4
17800	-7.6	64.3	13	-53.5
17810	-8.1	64.8	13	-57.7
17820	-8.3	65.4	12	-62.5
17830	-7.5	66.0	11	-67.6
17840	-8.4	66.6	11	-72.1
17850	-8.5	67.3	10	-76.6
17860	-8.3	68.0	9	-81.7
17870	-8.8	68.8	9	-79.0
17880	-8.8	69.7	8	-83.8
17890	-8.8	70.5	7	-88.3
17900	-8.5	71.4	6	-93.4
17910	-8.1	72.4	5	-98.2
17920	-7.9	73.4	4	-102.2
17930	-8.0	74.5	3	-107.0
17940	-7.1	75.6	2	-110.7
17950	-7.6	76.7	1	-114.4
17960	-7.9	77.9	0	-118.7
17970	-7.6	79.1	-2	-122.7
17980	-7.6	80.4	-3	-126.9
17990	-7.3	81.7	-4	-130.4
18000	-7.2	83.0	-6	-134.4
18010	-7.2	84.4	-7	-137.9
18020	-6.4	85.8	-8	-141.8
18030	-7.9	87.2	-10	-145.0
18040	-7.1	88.7	-11	-148.8
18050	-6.5	90.2	-13	-152.2
18060	-6.2	91.8	-14	-155.2
18070	-6.5	93.3	-16	-158.6
18080	-7.1	94.9	-17	-161.5
18090	-5.8	96.6	-19	-164.7
18100	-6.5	98.3	-21	-167.7
18110	-5.3	100.0	-23	-170.6
18120	-6.0	101.7	-24	-173.3
18130	-7.2	103.4	-26	-173.8
18140	-8.3	105.2	-28	-173.8
18150	-7.7	106.9	-29	-174.3
18160	-7.1	108.6	-31	-173.8
18170	-6.8	110.4	-33	-173.8
18180	-14.1	112.0	-35	-160.2
18190	-33.8	113.3	-36	-112.0
18200	-26.4	114.3	-37	-102.2
18210	-8.7	115.0	-38	-69.2
18220	-12.6	115.6	-38	-57.2
18230	-18.2	116.0	-39	-36.2
18240	-8.7	116.4	-39	-30.0
18250	-2.2	116.6	-39	-22.3
18260	-5.7	116.8	-39	-18.6
18270	-5.7	116.9	-39	-13.0
18280	-1.2	117.0	-40	-8.7
18290	0.0	117.1	-40	-7.7
18300	-0.7	117.2	-40	-5.5

18310	-0.5	117.2	-40	-4.7
18320	0.0	117.2	-40	-2.9
18330	-0.3	117.3	-40	-2.1
18340	-0.4	117.3	-40	-1.5
18350	0.0	117.3	-40	-1.3
18360	0.1	117.3	-40	-1.0
18370	0.5	117.3	-40	-0.5
18380	0.7	117.3	-40	-0.5
18390	0.8	117.3	-40	0.2
18400	1.9	117.3	-40	0.0
18410	10.3	117.3	-40	2.1
18420	2.0	117.2	-40	6.6
18430	0.0	117.2	-40	7.1
18440	5.6	117.1	-40	7.1
18450	3.1	117.0	-40	9.5
18460	0.8	116.9	-39	10.3
18470	4.2	116.8	-39	10.9
18480	3.4	116.7	-39	12.2
18490	1.6	116.5	-39	17.3
18500	4.9	116.3	-39	18.6
18510	4.2	116.1	-39	21.2
18520	2.6	115.9	-38	23.9
18530	4.5	115.7	-38	25.5
18540	4.2	115.4	-38	28.2
18550	3.1	115.2	-38	27.9
18560	4.2	114.9	-37	26.6
18570	3.9	114.6	-37	28.7
18580	3.3	114.3	-37	30.6
18590	4.2	113.9	-36	31.9
18600	4.5	113.5	-36	33.8
18610	3.5	113.1	-36	36.2
18620	4.1	112.7	-35	37.8
18630	4.3	112.3	-35	39.6
18640	3.7	111.8	-34	41.7
18650	3.9	111.4	-34	43.3
18660	3.9	110.9	-33	44.9
18670	3.4	110.3	-33	51.9
18680	3.8	109.8	-32	54.0
18690	3.8	109.2	-32	56.1
18700	3.8	108.7	-31	58.0
18710	4.1	108.1	-31	60.1
18720	4.3	107.4	-30	62.0
18730	4.1	106.8	-29	64.6
18740	4.2	106.1	-29	66.5
18750	4.2	105.5	-28	68.6
18760	3.9	104.8	-27	70.8
18770	4.1	104.0	-27	72.9
18780	4.3	103.3	-26	75.0
18790	3.9	102.5	-25	77.2
18800	4.1	101.7	-24	79.3
18810	4.7	100.9	-23	81.4
18820	4.1	100.1	-23	83.8
18830	4.6	99.2	-22	85.9
18840	4.9	98.4	-21	88.6

18850	4.5	97.5	-20	90.7
18860	4.5	96.5	-19	93.1
18870	3.9	95.6	-18	95.5
18880	4.1	94.6	-17	97.1
18890	4.9	93.6	-16	99.3
18900	4.2	92.6	-15	101.6
18910	4.1	91.6	-14	103.8
18920	4.3	90.5	-13	105.6
18930	4.6	89.5	-12	107.8
18940	4.3	88.4	-11	109.9
18950	3.9	87.2	-10	112.0
18960	3.9	86.1	-9	113.9
18970	4.1	85.0	-8	115.8
18980	3.9	83.8	-6	117.4
18990	4.5	82.6	-5	119.2
19000	3.8	81.4	-4	121.3
19010	4.1	80.2	-3	122.9
19020	4.3	78.9	-1	124.8
19030	3.5	77.7	0	126.7
19040	3.5	76.4	1	128.3
19050	4.7	75.1	2	129.9
19060	3.8	73.8	4	132.0
19070	3.7	72.4	5	133.6
19080	4.5	71.1	6	135.2
19090	4.6	69.7	8	137.1
19100	3.5	68.3	9	139.2
19110	6.0	67.0	10	151.2
19120	23.3	65.8	12	113.9
19130	21.0	64.8	13	82.7
19140	11.7	64.1	13	73.7
19150	16.0	63.4	14	64.4
19160	14.4	62.9	15	47.3
19170	9.8	62.5	15	37.8
19180	11.0	62.2	15	27.1
19190	9.1	62.0	15	24.7
19200	5.2	61.7	16	19.1
19210	5.8	61.6	16	14.1
19220	6.4	61.4	16	13.3
19230	4.5	61.3	16	9.8
19240	4.3	61.3	16	8.7
19250	5.6	61.2	16	6.3
19260	5.0	61.1	16	4.5
19270	4.3	61.1	16	3.9
19280	4.2	61.1	16	2.9
19290	3.1	61.0	16	2.3
19300	1.6	61.0	16	1.8
19310	0.3	61.0	16	2.1
19320	0.0	61.0	16	1.8
19330	-0.1	61.0	16	1.8
19340	-0.4	60.9	17	1.8
19350	-0.5	60.9	17	1.5
19360	-0.7	60.9	17	1.0
19370	-1.5	60.9	17	0.5
19380	-6.2	60.9	17	-0.2

19390	-3.1	60.9	17	-0.5
19400	-1.1	60.9	17	-1.3
19410	-4.9	60.9	17	-2.6
19420	-4.3	61.0	16	-5.5
19430	-3.4	61.0	16	-6.9
19440	-5.0	61.1	16	-8.5
19450	-5.0	61.2	16	-11.9
19460	-3.9	61.4	16	-13.0
19470	-5.2	61.5	16	-16.7
19480	-5.6	61.7	16	-17.3
19490	-4.6	61.9	16	-19.9
19500	-5.4	62.2	15	-22.0
19510	-6.5	62.5	15	-30.3
19520	-5.8	62.8	15	-34.0
19530	-6.2	63.1	14	-37.8
19540	-7.1	63.5	14	-41.7
19550	-6.8	63.9	14	-45.7
19560	-7.3	64.3	13	-49.7
19570	-8.4	64.8	13	-49.2
19580	-8.7	65.3	12	-48.1
19590	-8.5	65.9	12	-52.1
19600	-9.9	66.5	11	-56.7
19610	-10.0	67.2	10	-61.2
19620	-9.8	67.9	10	-73.4
19630	-9.9	68.7	9	-79.0
19640	-9.6	69.5	8	-84.6
19650	-10.0	70.4	7	-89.4
19660	-9.9	71.4	6	-95.0
19670	-9.2	72.3	5	-100.8
19680	-9.5	73.4	4	-105.4
19690	-10.4	74.5	3	-111.0
19700	-9.2	75.6	2	-116.3
19710	-9.5	76.8	1	-121.1
19720	-10.0	78.1	-1	-126.4
19730	-9.2	79.4	-2	-131.5
19740	-8.3	80.7	-3	-136.8
19750	-8.1	82.1	-5	-140.8
19760	-8.4	83.6	-6	-145.0
19770	-7.6	85.1	-8	-149.3
19780	-7.7	86.6	-9	-153.0
19790	-7.5	88.1	-11	-157.0
19800	-7.7	89.7	-12	-160.7
19810	-6.2	91.4	-14	-164.2
19820	-7.2	93.0	-16	-167.4
19830	-7.2	94.7	-17	-170.6
19840	-6.6	96.5	-19	-173.8
19850	-8.7	98.2	-21	-173.8
19860	-7.7	100.0	-23	-173.8
19870	-6.6	101.7	-24	-174.1
19880	-6.9	103.4	-26	-173.5
19890	-8.7	105.2	-28	-173.8
19900	-7.6	106.9	-29	-174.1
19910	-6.9	108.7	-31	-173.8
19920	-6.5	110.4	-33	-173.8

19930	-14.6	112.0	-35	-142.4
19940	-33.6	113.3	-36	-123.2
19950	-27.3	114.3	-37	-83.5
19960	-9.2	115.0	-38	-69.2
19970	-13.3	115.6	-38	-47.1
19980	-19.4	116.0	-39	-40.4
19990	-10.3	116.4	-39	-33.0
20000	-4.3	116.6	-39	-22.3
20010	-7.7	116.8	-39	-15.1
20020	-7.5	116.9	-39	-13.0
20030	-2.4	117.0	-40	-8.5
20040	-0.9	117.1	-40	-7.7
20050	-2.8	117.2	-40	-5.5
20060	-2.7	117.2	-40	-4.2
20070	-1.5	117.2	-40	-3.1
20080	-1.9	117.3	-40	-2.1
20090	-1.9	117.3	-40	-1.5
20100	-0.4	117.3	-40	-1.0
20110	0.0	117.3	-40	-0.7
20120	0.1	117.3	-40	-0.5
20130	0.4	117.3	-40	-0.5
20140	0.7	117.3	-40	0.0
20150	0.7	117.3	-40	-0.2
20160	1.1	117.3	-40	0.2
20170	7.7	117.3	-40	0.7
20180	2.4	117.3	-40	5.0
20190	-0.5	117.2	-40	5.8
20200	1.8	117.2	-40	4.7
20210	3.7	117.1	-40	6.1
20220	1.2	117.0	-40	7.7
20230	2.4	116.9	-39	8.7
20240	4.3	116.8	-39	12.2
20250	2.8	116.7	-39	13.0
20260	3.4	116.6	-39	13.0
20270	4.5	116.4	-39	15.1
20280	3.1	116.2	-39	17.0
20290	3.1	116.0	-39	18.9
20300	4.3	115.8	-38	19.9
20310	3.5	115.6	-38	22.3
20320	3.7	115.3	-38	23.9
20330	4.3	115.0	-38	25.8
20340	3.8	114.7	-37	28.2

ISOK_EXERC_ER/IR_180_R_SIDE
01/07
Set #7

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	6.2	114.8	-37	28.7
10	6.1	114.5	-37	32.7
20	3.8	114.2	-37	32.4
30	4.3	113.8	-36	31.4
40	6.8	113.5	-36	33.2
50	5.8	113.1	-36	36.2
60	5.2	112.6	-35	39.4
70	5.6	112.2	-35	41.7
80	5.6	111.7	-34	44.4
90	5.7	111.2	-34	47.1
100	5.4	110.6	-33	49.5
110	4.7	110.0	-33	58.0
120	5.2	109.4	-32	60.6
130	5.7	108.8	-31	63.6
140	5.6	108.1	-31	66.5
150	5.3	107.5	-30	69.7
160	5.4	106.7	-29	72.6
170	5.8	106.0	-29	75.3
180	5.7	105.2	-28	78.5
190	5.3	104.4	-27	81.4
200	5.4	103.6	-26	84.3
210	5.7	102.7	-25	86.7
220	5.2	101.8	-24	89.7
230	5.2	100.9	-23	92.9
240	5.0	99.9	-22	95.3
250	6.1	99.0	-22	98.2
260	5.8	98.0	-21	100.8
270	5.4	96.9	-19	103.8
280	5.2	95.9	-18	106.7
290	5.7	94.8	-17	109.1
300	6.0	93.7	-16	112.3
310	5.4	92.5	-15	115.2
320	4.9	91.4	-14	117.6
330	5.3	90.2	-13	120.0
340	6.0	88.9	-11	122.9
350	5.7	87.7	-10	125.6
360	5.0	86.4	-9	128.5
370	5.4	85.1	-8	130.9
380	5.4	83.8	-6	133.6
390	6.0	82.4	-5	136.3
400	5.3	81.0	-4	139.2
410	5.6	79.6	-2	141.6
420	5.7	78.2	-1	144.2
430	5.0	76.7	1	146.9
440	5.8	75.2	2	149.6
450	5.8	73.7	4	152.2
460	5.6	72.2	5	154.9
470	6.2	70.6	7	157.6
480	6.2	69.0	8	160.5

490	5.6	67.4	10	160.5
500	25.6	65.9	12	153.3
510	33.6	64.8	13	110.2
520	21.7	63.9	14	84.6
530	17.1	63.2	14	57.5
540	16.8	62.7	15	49.7
550	15.3	62.3	15	38.3
560	16.3	61.9	16	26.8
570	12.9	61.7	16	22.6
580	8.4	61.5	16	17.3
590	7.7	61.4	16	14.3
600	8.4	61.3	16	10.3
610	7.7	61.2	16	6.9
620	6.1	61.1	16	5.5
630	6.1	61.1	16	4.5
640	6.8	61.0	16	3.4
650	6.4	61.0	16	2.9
660	5.0	61.0	16	2.1
670	3.0	61.0	16	1.8
680	1.6	60.9	17	2.1
690	0.0	60.9	17	1.8
700	-0.1	60.9	17	2.1
710	-0.5	60.9	17	0.2
720	-0.8	60.9	17	0.5
730	-3.4	60.9	17	0.7
740	-12.2	60.9	17	-1.3
750	-3.9	60.9	17	-3.1
760	-1.1	61.0	16	-5.0
770	-8.0	61.0	16	-6.6
780	-7.2	61.1	16	-10.9
790	-6.6	61.2	16	-15.4
800	-8.0	61.4	16	-18.9
810	-8.1	61.6	16	-23.6
820	-8.3	61.9	16	-28.4
830	-8.1	62.1	15	-32.7
840	-8.3	62.5	15	-38.6
850	-8.4	62.9	15	-43.3
860	-9.1	63.3	14	-48.7
870	-9.5	63.8	14	-54.3
880	-10.0	64.3	13	-54.3
890	-10.6	64.9	13	-53.2
900	-10.2	65.5	12	-58.5
910	-10.2	66.2	11	-63.6
920	-10.8	66.9	11	-68.4
930	-10.6	67.7	10	-73.4
940	-10.0	68.6	9	-87.3
950	-10.4	69.6	8	-93.1
960	-11.1	70.5	7	-98.5
970	-11.0	71.6	6	-104.6
980	-10.7	72.6	5	-110.4
990	-11.1	73.8	4	-116.3
1000	-11.7	75.0	2	-122.4
1010	-11.8	76.3	1	-128.5
1020	-11.1	77.6	0	-135.2

1030	-10.8	79.0	-2	-140.8
1040	-10.2	80.5	-3	-146.9
1050	-8.9	82.0	-5	-152.0
1060	-8.9	83.5	-6	-156.8
1070	-8.9	85.1	-8	-161.0
1080	-8.8	86.8	-9	-165.5
1090	-7.6	88.5	-11	-170.1
1100	-8.4	90.2	-13	-173.3
1110	-9.5	91.9	-14	-173.5
1120	-9.8	93.7	-16	-173.8
1130	-9.8	95.4	-18	-173.8
1140	-8.8	97.1	-20	-173.8
1150	-8.1	98.9	-21	-173.8
1160	-7.7	100.6	-23	-173.5
1170	-6.9	102.3	-25	-173.8
1180	-6.1	104.1	-27	-173.8
1190	-6.5	105.8	-28	-173.5
1200	-6.8	107.6	-30	-173.8
1210	-4.3	109.3	-32	-173.8
1220	-5.4	110.9	-33	-156.0
1230	-25.2	112.5	-35	-129.3
1240	-33.5	113.7	-36	-111.0
1250	-21.6	114.6	-37	-74.8
1260	-10.4	115.2	-38	-61.7
1270	-13.4	115.8	-38	-42.0
1280	-12.5	116.1	-39	-36.2
1290	-7.5	116.4	-39	-23.9
1300	-5.8	116.7	-39	-21.8
1310	-7.1	116.8	-39	-15.4
1320	-5.4	116.9	-39	-12.5
1330	-3.4	117.0	-40	-8.5
1340	-3.5	117.1	-40	-5.8
1350	-3.8	117.2	-40	-5.5
1360	-4.2	117.2	-40	-3.9
1370	-5.2	117.2	-40	-2.3
1380	-5.2	117.2	-40	-2.3
1390	-4.1	117.3	-40	-1.5
1400	-3.0	117.3	-40	-0.7
1410	-2.0	117.3	-40	-0.7
1420	-0.9	117.3	-40	-0.5
1430	0.1	117.3	-40	-0.2
1440	0.5	117.3	-40	-0.2
1450	0.5	117.3	-40	0.0
1460	0.7	117.3	-40	-0.2
1470	0.7	117.3	-40	0.5
1480	0.9	117.3	-40	0.0
1490	4.9	117.3	-40	1.0
1500	3.5	117.2	-40	4.2
1510	1.5	117.2	-40	5.5
1520	3.0	117.1	-40	6.6
1530	4.1	117.1	-40	8.2
1540	4.9	117.0	-40	10.6
1550	3.8	116.9	-39	13.5
1560	4.6	116.7	-39	14.3

1570	5.4	116.6	-39	15.1
1580	5.3	116.4	-39	17.8
1590	5.2	116.1	-39	20.4
1600	4.9	115.9	-38	28.2
1610	5.7	115.6	-38	28.2
1620	6.1	115.3	-38	31.4
1630	5.8	115.0	-38	38.0
1640	5.7	114.6	-37	41.5
1650	6.5	114.2	-37	45.2
1660	6.8	113.8	-36	48.9
1670	6.2	113.3	-36	52.9
1680	6.1	112.8	-35	56.7
1690	6.4	112.2	-35	60.4
1700	6.5	111.7	-34	64.1
1710	6.4	111.0	-34	67.8
1720	6.4	110.4	-33	71.3
1730	6.4	109.7	-32	68.6
1740	6.5	109.0	-32	71.8
1750	6.4	108.3	-31	75.6
1760	6.6	107.5	-30	79.0
1770	6.4	106.7	-29	82.7
1780	6.2	105.8	-28	85.9
1790	6.4	104.9	-27	89.1
1800	6.1	104.0	-27	92.6
1810	6.5	103.1	-26	96.1
1820	6.2	102.1	-25	99.3
1830	6.5	101.1	-24	102.7
1840	6.1	100.0	-23	105.9
1850	6.8	98.9	-21	109.1
1860	7.1	97.8	-20	112.6
1870	7.1	96.7	-19	116.0
1880	6.4	95.5	-18	119.8
1890	6.5	94.3	-17	122.9
1900	7.2	93.0	-16	126.4
1910	6.9	91.7	-14	130.1
1920	6.9	90.4	-13	133.3
1930	7.9	89.0	-12	137.1
1940	7.9	87.6	-10	141.0
1950	7.6	86.2	-9	144.8
1960	7.9	84.7	-7	149.0
1970	7.9	83.2	-6	152.5
1980	7.7	81.6	-4	156.8
1990	8.8	80.0	-3	160.5
2000	8.3	78.4	-1	165.3
2010	7.3	76.7	1	169.3
2020	9.1	75.0	2	173.0
2030	8.7	73.2	4	177.0
2040	9.6	71.4	6	178.6
2050	11.8	69.6	8	178.6
2060	9.8	67.9	10	179.1
2070	19.9	66.2	11	146.1
2080	41.0	64.8	13	137.6
2090	30.0	63.9	14	94.5
2100	20.3	63.1	14	69.2

2110	20.5	62.6	15	51.9
2120	17.6	62.1	15	34.6
2130	17.4	61.8	16	29.0
2140	14.2	61.6	16	21.8
2150	8.7	61.4	16	17.3
2160	7.6	61.3	16	11.7
2170	8.7	61.2	16	9.8
2180	7.6	61.1	16	6.3
2190	5.8	61.1	16	4.7
2200	5.6	61.0	16	3.1
2210	6.5	61.0	16	2.3
2220	5.6	61.0	16	1.8
2230	3.9	61.0	16	2.1
2240	3.1	60.9	17	2.3
2250	1.8	60.9	17	2.1
2260	-0.3	60.9	17	1.8
2270	-0.4	60.9	17	0.5
2280	-0.7	60.9	17	0.0
2290	-0.9	60.9	17	0.5
2300	-7.9	60.9	17	0.7
2310	-10.3	60.9	17	-1.8
2320	-3.4	60.9	17	-3.7
2330	-2.3	61.0	16	-5.0
2340	-8.5	61.1	16	-6.9
2350	-7.2	61.2	16	-10.9
2360	-6.8	61.3	16	-14.3
2370	-8.7	61.5	16	-17.5
2380	-8.5	61.7	16	-21.8
2390	-9.2	62.0	15	-25.8
2400	-9.5	62.3	15	-36.4
2410	-8.9	62.7	15	-42.3
2420	-9.8	63.1	14	-43.6
2430	-10.6	63.6	14	-44.4
2440	-10.4	64.1	13	-49.2
2450	-10.7	64.7	13	-54.3
2460	-11.7	65.4	12	-72.4
2470	-11.5	66.1	11	-79.3
2480	-11.8	66.9	11	-86.2
2490	-12.1	67.7	10	-92.9
2500	-12.3	68.6	9	-91.0
2510	-11.9	69.5	8	-98.2
2520	-12.3	70.6	7	-104.6
2530	-12.5	71.7	6	-111.5
2540	-11.8	72.8	5	-118.2
2550	-11.7	74.1	3	-124.5
2560	-11.8	75.4	2	-130.9
2570	-11.7	76.7	1	-137.6
2580	-11.3	78.1	-1	-143.7
2590	-11.4	79.6	-2	-149.6
2600	-10.0	81.2	-4	-155.4
2610	-9.6	82.8	-5	-160.7
2620	-9.6	84.4	-7	-165.5
2630	-9.1	86.1	-9	-170.6
2640	-10.2	87.8	-10	-174.1

2650	-13.2	89.6	-12	-174.3
2660	-11.9	91.3	-14	-174.3
2670	-10.7	93.1	-16	-174.1
2680	-11.9	94.8	-17	-173.8
2690	-12.5	96.5	-19	-174.1
2700	-12.5	98.3	-21	-174.1
2710	-10.4	100.0	-23	-174.1
2720	-11.0	101.8	-24	-174.1
2730	-11.0	103.5	-26	-174.1
2740	-11.3	105.3	-28	-174.3
2750	-11.3	107.0	-30	-174.3
2760	-11.5	108.7	-31	-174.3
2770	-11.3	110.5	-33	-173.8
2780	-21.3	112.0	-35	-141.3
2790	-40.4	113.4	-36	-122.1
2800	-35.4	114.3	-37	-82.7
2810	-18.0	115.1	-38	-68.4
2820	-21.4	115.6	-38	-46.3
2830	-25.0	116.1	-39	-39.9
2840	-18.8	116.4	-39	-32.7
2850	-14.9	116.6	-39	-22.0
2860	-16.1	116.8	-39	-15.1
2870	-14.1	117.0	-40	-13.8
2880	-11.4	117.1	-40	-9.3
2890	-9.5	117.1	-40	-6.3
2900	-8.9	117.2	-40	-5.8
2910	-7.9	117.2	-40	-3.9
2920	-7.1	117.3	-40	-2.6
2930	-6.5	117.3	-40	-1.8
2940	-5.3	117.3	-40	-1.5
2950	-4.1	117.3	-40	-0.7
2960	-2.3	117.3	-40	-0.5
2970	-0.8	117.3	-40	-0.5
2980	0.0	117.3	-40	-0.5
2990	0.4	117.3	-40	0.0
3000	0.5	117.3	-40	0.0
3010	0.7	117.3	-40	0.0
3020	0.7	117.3	-40	0.2
3030	1.1	117.3	-40	0.0
3040	6.4	117.3	-40	0.7
3050	3.5	117.3	-40	5.3
3060	0.7	117.2	-40	6.1
3070	3.0	117.2	-40	5.8
3080	4.7	117.1	-40	7.4
3090	4.2	117.0	-40	9.8
3100	3.7	116.9	-39	11.9
3110	4.7	116.7	-39	13.5
3120	4.9	116.5	-39	15.7
3130	4.3	116.3	-39	18.1
3140	4.7	116.1	-39	22.3
3150	4.5	115.9	-38	22.6
3160	5.0	115.6	-38	25.2
3170	5.3	115.3	-38	27.4
3180	5.4	115.0	-38	29.8

3190	5.8	114.6	-37	32.7
3200	6.2	114.3	-37	35.9
3210	6.1	113.8	-36	38.3
3220	6.4	113.4	-36	40.9
3230	6.2	112.9	-35	44.1
3240	6.0	112.4	-35	47.1
3250	6.1	111.8	-34	50.3
3260	6.1	111.3	-34	52.9
3270	6.1	110.6	-33	55.9
3280	5.7	110.0	-33	65.2
3290	5.6	109.3	-32	68.4
3300	5.8	108.6	-31	71.3
3310	6.1	107.9	-30	74.5
3320	5.7	107.1	-30	77.7
3330	5.6	106.3	-29	80.9
3340	5.8	105.4	-28	83.8
3350	5.7	104.6	-27	86.7
3360	5.8	103.7	-26	89.9
3370	6.2	102.8	-25	92.9
3380	5.8	101.8	-24	96.3
3390	6.2	100.8	-23	99.3
3400	5.8	99.8	-22	102.4
3410	5.8	98.8	-21	105.6
3420	6.5	97.7	-20	108.6
3430	6.4	96.6	-19	111.8
3440	5.7	95.4	-18	115.0
3450	5.7	94.3	-17	117.9
3460	6.5	93.1	-16	121.1
3470	6.5	91.8	-14	124.3
3480	6.0	90.6	-13	127.2
3490	6.2	89.3	-12	130.4
3500	6.9	87.9	-10	133.6
3510	6.4	86.6	-9	136.8
3520	6.1	85.2	-8	140.2
3530	6.1	83.8	-6	143.2
3540	6.6	82.3	-5	146.4
3550	6.8	80.8	-3	149.3
3560	6.9	79.3	-2	152.8
3570	6.6	77.7	0	156.0
3580	6.1	76.2	1	159.4
3590	7.5	74.5	3	162.3
3600	6.6	72.9	5	165.8
3610	6.5	71.2	6	169.3
3620	7.9	69.5	8	171.9
3630	6.0	67.8	10	158.1
3640	19.1	66.2	11	142.6
3650	39.2	64.8	13	133.9
3660	26.6	63.9	14	92.3
3670	17.8	63.1	14	67.6
3680	18.3	62.6	15	51.1
3690	15.6	62.2	15	34.3
3700	16.8	61.9	16	28.7
3710	15.2	61.6	16	21.5
3720	9.6	61.4	16	14.1

3730	7.1	61.3	16	11.7
3740	7.5	61.2	16	9.5
3750	6.4	61.2	16	6.3
3760	4.6	61.1	16	4.5
3770	3.3	61.1	16	3.1
3780	3.3	61.0	16	2.6
3790	2.8	61.0	16	1.8
3800	1.2	61.0	16	2.1
3810	0.1	61.0	16	1.8
3820	0.0	61.0	16	1.8
3830	-0.3	60.9	17	1.5
3840	-0.7	60.9	17	1.5
3850	-1.1	60.9	17	1.0
3860	-9.5	60.9	17	0.2
3870	-7.3	60.9	17	-1.5
3880	-0.4	61.0	16	-4.2
3890	-2.7	61.0	16	-4.5
3900	-7.3	61.1	16	-6.3
3910	-3.0	61.2	16	-11.7
3920	-4.5	61.3	16	-13.8
3930	-7.2	61.4	16	-16.5
3940	-4.6	61.6	16	-20.4
3950	-6.4	61.8	16	-23.1
3960	-7.7	62.0	15	-24.4
3970	-6.2	62.3	15	-25.2
3980	-7.3	62.6	15	-28.4
3990	-8.8	63.0	14	-39.4
4000	-7.6	63.4	14	-44.7
4010	-8.0	63.8	14	-49.5
4020	-9.5	64.3	13	-48.9
4030	-8.9	64.8	13	-48.4
4040	-8.7	65.4	12	-52.9
4050	-9.5	66.0	11	-57.2
4060	-10.0	66.7	11	-62.0
4070	-9.8	67.4	10	-66.8
4080	-10.4	68.2	9	-79.0
4090	-10.0	69.1	8	-85.1
4100	-9.6	70.0	7	-90.5
4110	-10.7	70.9	7	-95.8
4120	-9.4	71.9	6	-101.6
4130	-9.1	73.0	4	-106.7
4140	-9.8	74.1	3	-111.5
4150	-8.8	75.2	2	-116.8
4160	-8.7	76.4	1	-121.3
4170	-8.5	77.7	0	-126.1
4180	-8.4	79.0	-2	-130.4
4190	-7.6	80.3	-3	-135.2
4200	-7.1	81.7	-4	-138.7
4210	-6.9	83.1	-6	-142.6
4220	-6.9	84.5	-7	-145.8
4230	-6.2	86.0	-9	-149.3
4240	-6.9	87.5	-10	-152.2
4250	-6.6	89.1	-12	-155.4
4260	-5.7	90.7	-13	-158.9

4270	-6.5	92.3	-15	-161.3
4280	-5.4	93.9	-16	-164.5
4290	-6.5	95.6	-18	-166.9
4300	-5.8	97.3	-20	-169.8
4310	-4.7	99.0	-22	-172.5
4320	-5.7	100.7	-23	-173.5
4330	-6.4	102.5	-25	-173.8
4340	-5.3	104.2	-27	-173.8
4350	-5.6	105.9	-28	-173.5
4360	-5.6	107.7	-30	-173.8
4370	-3.1	109.4	-32	-173.5
4380	-3.4	111.1	-34	-155.7
4390	-25.5	112.6	-35	-140.2
4400	-30.9	113.7	-36	-108.6
4410	-16.3	114.7	-37	-88.9
4420	-8.9	115.3	-38	-60.4
4430	-13.2	115.8	-38	-46.0
4440	-10.7	116.1	-39	-31.1
4450	-3.9	116.4	-39	-28.2
4460	-4.1	116.6	-39	-19.4
4470	-4.9	116.8	-39	-13.3
4480	-1.9	116.9	-39	-11.9
4490	-0.4	117.0	-40	-8.7
4500	-0.5	117.1	-40	-6.3
4510	0.0	117.1	-40	-5.3
4520	0.0	117.2	-40	-3.4
4530	-0.3	117.2	-40	-2.6
4540	-0.1	117.2	-40	-2.1
4550	-0.1	117.2	-40	-1.3
4560	0.1	117.2	-40	-1.0
4570	0.5	117.2	-40	-0.7
4580	0.8	117.3	-40	-0.2
4590	1.1	117.3	-40	0.2
4600	11.7	117.3	-40	0.2
4610	6.0	117.2	-40	6.1
4620	0.7	117.1	-40	9.3
4630	4.2	117.0	-40	10.3
4640	5.2	116.9	-39	12.5
4650	3.7	116.8	-39	15.9
4660	3.8	116.6	-39	17.5
4670	5.3	116.5	-39	20.2
4680	4.6	116.3	-39	23.1
4690	5.8	116.0	-39	26.0
4700	6.0	115.8	-38	29.2
4710	5.8	115.5	-38	33.2
4720	6.9	115.1	-38	36.7
4730	6.6	114.8	-37	40.7
4740	5.8	114.4	-37	44.7
4750	6.4	114.0	-37	48.1
4760	6.5	113.5	-36	51.6
4770	5.7	113.0	-36	55.6
4780	5.7	112.5	-35	59.1
4790	6.1	111.9	-34	62.5
4800	6.0	111.3	-34	66.0

4810	6.0	110.7	-33	69.2
4820	6.1	110.0	-33	66.0
4830	6.1	109.3	-32	69.4
4840	6.2	108.6	-31	72.6
4850	5.8	107.9	-30	76.1
4860	5.6	107.1	-30	79.6
4870	5.2	106.3	-29	82.2
4880	4.9	105.4	-28	85.1
4890	5.2	104.6	-27	87.8
4900	5.6	103.7	-26	90.5
4910	6.0	102.7	-25	92.9
4920	5.4	101.8	-24	96.1
4930	5.8	100.8	-23	99.0
4940	5.7	99.8	-22	102.2
4950	6.0	98.7	-21	105.1
4960	6.0	97.7	-20	108.3
4970	5.8	96.6	-19	111.2
4980	5.3	95.4	-18	114.2
4990	5.7	94.3	-17	116.8
5000	6.2	93.1	-16	119.8
5010	6.0	91.9	-14	122.7
5020	6.5	90.6	-13	125.9
5030	6.8	89.3	-12	128.8
5040	7.1	88.0	-11	132.3
5050	6.4	86.7	-9	135.7
5060	6.4	85.3	-8	138.9
5070	6.6	83.9	-6	142.1
5080	6.9	82.4	-5	145.6
5090	6.1	80.9	-3	148.8
5100	6.4	79.4	-2	152.0
5110	6.4	77.9	0	154.9
5120	6.1	76.3	1	157.8
5130	7.5	74.7	3	161.3
5140	6.1	73.1	4	164.5
5150	6.1	71.4	6	167.1
5160	7.9	69.7	8	170.1
5170	6.1	68.0	9	173.8
5180	13.7	66.4	11	146.1
5190	37.2	65.0	12	138.4
5200	27.3	64.0	13	96.1
5210	17.2	63.2	14	71.3
5220	19.0	62.6	15	59.1
5230	15.9	62.2	15	40.7
5240	14.9	61.9	16	30.6
5250	14.5	61.6	16	25.2
5260	9.4	61.4	16	17.0
5270	6.1	61.3	16	12.7
5280	7.1	61.2	16	10.6
5290	6.5	61.1	16	7.1
5300	3.9	61.1	16	5.8
5310	3.5	61.0	16	3.9
5320	4.1	61.0	16	2.6
5330	3.3	61.0	16	2.1
5340	2.6	60.9	17	2.1

5350	1.8	60.9	17	2.3
5360	0.9	60.9	17	2.1
5370	0.4	60.9	17	0.5
5380	-0.5	60.9	17	0.0
5390	-0.8	60.9	17	0.0
5400	-1.1	60.9	17	0.7
5410	-12.7	60.9	17	0.0
5420	-8.8	60.9	17	-2.9
5430	-2.0	60.9	17	-4.2
5440	-3.8	61.0	16	-5.3
5450	-8.1	61.1	16	-7.7
5460	-3.7	61.2	16	-14.1
5470	-5.4	61.3	16	-16.5
5480	-7.9	61.5	16	-19.7
5490	-5.0	61.7	16	-23.9
5500	-6.8	62.0	15	-25.0
5510	-8.3	62.2	15	-25.2
5520	-6.2	62.5	15	-29.5
5530	-7.3	62.9	15	-32.7
5540	-8.5	63.3	14	-44.4
5550	-7.1	63.7	14	-49.5
5560	-7.7	64.2	13	-53.5
5570	-9.4	64.7	13	-58.0
5580	-8.4	65.3	12	-63.3
5590	-8.3	65.9	12	-68.6
5600	-10.3	66.6	11	-73.7
5610	-9.8	67.3	10	-79.0
5620	-9.2	68.0	9	-84.9
5630	-10.0	68.9	9	-82.5
5640	-9.6	69.7	8	-88.1
5650	-9.8	70.6	7	-93.1
5660	-9.6	71.6	6	-98.7
5670	-9.2	72.6	5	-104.0
5680	-9.2	73.7	4	-108.6
5690	-9.5	74.8	3	-114.2
5700	-9.4	76.0	1	-118.7
5710	-9.6	77.2	0	-124.0
5720	-10.3	78.5	-1	-129.3
5730	-9.5	79.9	-2	-134.7
5740	-8.8	81.2	-4	-139.5
5750	-8.5	82.7	-5	-144.2
5760	-8.5	84.1	-7	-148.2
5770	-7.3	85.7	-8	-153.0
5780	-8.5	87.2	-10	-156.8
5790	-8.0	88.8	-11	-160.7
5800	-6.9	90.5	-13	-164.7
5810	-7.2	92.1	-15	-168.2
5820	-7.1	93.8	-16	-171.7
5830	-8.8	95.6	-18	-173.8
5840	-9.2	97.3	-20	-174.1
5850	-7.5	99.1	-22	-174.1
5860	-7.1	100.8	-23	-173.8
5870	-6.2	102.5	-25	-173.5
5880	-5.4	104.3	-27	-173.8

5890	-4.9	106.0	-29	-173.5
5900	-4.3	107.7	-30	-173.5
5910	-2.2	109.5	-32	-173.5
5920	-1.8	111.1	-34	-155.4
5930	-23.3	112.7	-35	-153.3
5940	-27.9	113.8	-36	-107.5
5950	-13.6	114.7	-37	-88.1
5960	-5.2	115.3	-38	-59.6
5970	-9.1	115.8	-38	-49.5
5980	-7.2	116.2	-39	-34.6
5990	-0.8	116.4	-39	-22.8
6000	0.0	116.6	-39	-19.1
6010	0.0	116.8	-39	-15.9
6020	0.1	116.9	-39	-11.1
6030	0.3	117.0	-40	-7.4
6040	0.7	117.1	-40	-7.1
6050	2.0	117.1	-40	-4.7
6060	8.5	117.2	-40	-2.3
6070	0.0	117.1	-40	1.5
6080	-0.3	117.1	-40	0.0
6090	3.5	117.1	-40	0.5
6100	1.5	117.1	-40	2.6
6110	1.9	117.1	-40	2.9
6120	4.6	117.0	-40	4.7
6130	3.0	117.0	-40	6.6
6140	3.0	116.9	-39	7.7
6150	4.2	116.8	-39	11.4
6160	3.1	116.7	-39	13.3
6170	2.4	116.6	-39	14.1
6180	3.3	116.4	-39	17.3
6190	2.8	116.2	-39	18.9
6200	2.7	116.0	-39	20.4
6210	4.2	115.9	-38	22.3
6220	4.2	115.6	-38	24.7
6230	4.1	115.4	-38	27.4
6240	5.0	115.1	-38	29.8
6250	5.2	114.8	-37	32.7
6260	4.9	114.5	-37	35.6
6270	4.7	114.2	-37	38.6
6280	4.5	113.8	-36	41.5
6290	4.6	113.4	-36	43.9
6300	4.9	113.0	-36	46.8
6310	4.9	112.5	-35	49.7
6320	5.2	112.1	-35	52.4
6330	5.4	111.6	-34	55.3
6340	5.4	111.0	-34	58.5
6350	5.7	110.5	-33	61.7
6360	5.8	109.9	-32	59.3
6370	6.0	109.3	-32	62.2
6380	6.1	108.6	-31	65.4
6390	5.7	108.0	-31	68.6
6400	6.0	107.3	-30	71.8
6410	5.8	106.5	-29	75.0
6420	5.7	105.7	-28	78.2

6430	5.8	104.9	-27	81.1
6440	5.8	104.1	-27	84.3
6450	6.4	103.2	-26	87.5
6460	6.6	102.3	-25	90.7
6470	6.1	101.4	-24	94.2
6480	5.8	100.4	-23	97.4
6490	6.5	99.4	-22	100.6
6500	6.5	98.4	-21	104.0
6510	6.1	97.3	-20	107.2
6520	6.1	96.2	-19	110.4
6530	6.1	95.1	-18	113.6
6540	6.6	94.0	-17	116.8
6550	7.2	92.8	-15	120.0
6560	6.8	91.5	-14	123.2
6570	6.8	90.3	-13	126.9
6580	7.6	89.0	-12	130.1
6590	7.1	87.6	-10	134.1
6600	6.8	86.3	-9	137.6
6610	7.7	84.9	-7	141.3
6620	7.1	83.4	-6	145.0
6630	7.2	82.0	-5	148.5
6640	8.1	80.4	-3	152.0
6650	7.5	78.9	-1	156.0
6660	6.6	77.3	0	159.7
6670	7.5	75.7	2	163.1
6680	7.7	74.0	3	166.9
6690	6.6	72.3	5	170.6
6700	7.5	70.6	7	173.8
6710	8.3	68.8	9	177.0
6720	8.3	67.1	10	176.5
6730	32.5	65.6	12	144.8
6740	36.9	64.4	13	99.3
6750	22.4	63.5	14	81.9
6760	21.0	62.9	15	60.6
6770	18.7	62.4	15	40.9
6780	16.5	62.0	15	34.3
6790	17.1	61.7	16	25.5
6800	12.1	61.5	16	21.0
6810	8.1	61.4	16	13.8
6820	8.5	61.3	16	10.3
6830	8.0	61.2	16	6.9
6840	5.8	61.1	16	5.5
6850	4.7	61.1	16	4.7
6860	5.6	61.0	16	3.4
6870	5.7	61.0	16	2.6
6880	4.9	61.0	16	2.1
6890	3.7	61.0	16	2.1
6900	2.4	60.9	17	2.1
6910	0.9	60.9	17	1.8
6920	-0.1	60.9	17	1.5
6930	-0.5	60.9	17	0.0
6940	-0.8	60.9	17	0.2
6950	-1.9	60.9	17	0.2
6960	-15.1	60.9	17	-0.7

6970	-4.2	60.9	17	-3.4
6980	0.3	61.0	16	-5.5
6990	-6.4	61.0	16	-5.8
7000	-4.9	61.1	16	-8.2
7010	-2.2	61.2	16	-9.8
7020	-5.4	61.3	16	-11.1
7030	-4.7	61.5	16	-13.5
7040	-3.5	61.6	16	-15.9
7050	-7.2	61.8	16	-17.8
7060	-6.1	62.0	15	-23.4
7070	-4.9	62.3	15	-29.2
7080	-8.3	62.6	15	-29.2
7090	-8.8	62.9	15	-30.3
7100	-7.2	63.3	14	-34.6
7110	-9.2	63.7	14	-38.6
7120	-10.4	64.2	13	-52.4
7130	-9.6	64.7	13	-58.0
7140	-10.3	65.3	12	-63.8
7150	-10.8	65.9	12	-70.2
7160	-10.7	66.6	11	-76.9
7170	-10.6	67.3	10	-82.7
7180	-10.7	68.1	9	-89.1
7190	-10.6	69.0	8	-87.0
7200	-10.4	69.9	8	-92.6
7210	-11.4	70.9	7	-98.5
7220	-10.4	71.9	6	-104.8
7230	-10.7	73.0	4	-110.2
7240	-11.1	74.1	3	-116.0
7250	-10.3	75.3	2	-122.1
7260	-10.4	76.6	1	-127.5
7270	-10.6	77.9	0	-133.1
7280	-9.9	79.3	-2	-138.4
7290	-9.1	80.7	-3	-144.0
7300	-9.1	82.2	-5	-148.8
7310	-9.2	83.7	-6	-153.3
7320	-8.9	85.3	-8	-158.1
7330	-10.0	86.9	-9	-162.3
7340	-9.2	88.6	-11	-167.4
7350	-9.1	90.3	-13	-172.2
7360	-9.9	92.0	-15	-173.8
7370	-11.9	93.7	-16	-174.3
7380	-12.1	95.5	-18	-174.1
7390	-10.7	97.2	-20	-174.1
7400	-10.4	99.0	-22	-174.3
7410	-10.7	100.7	-23	-174.1
7420	-9.9	102.5	-25	-174.1
7430	-9.5	104.2	-27	-174.3
7440	-10.0	105.9	-28	-174.1
7450	-10.2	107.7	-30	-174.3
7460	-8.0	109.4	-32	-174.1
7470	-9.4	111.1	-34	-156.2
7480	-31.6	112.7	-35	-156.2
7490	-37.3	113.8	-36	-109.6
7500	-22.8	114.7	-37	-89.9

7510	-14.6	115.3	-38	-61.2
7520	-20.9	115.8	-38	-46.8
7530	-19.0	116.2	-39	-39.1
7540	-11.1	116.5	-39	-26.6
7550	-9.2	116.7	-39	-17.5
7560	-11.4	116.9	-39	-16.5
7570	-9.2	117.0	-40	-11.4
7580	-5.3	117.1	-40	-7.4
7590	-4.6	117.2	-40	-6.9
7600	-5.2	117.2	-40	-4.7
7610	-4.6	117.2	-40	-3.1
7620	-3.8	117.3	-40	-2.6
7630	-4.2	117.3	-40	-2.1
7640	-3.7	117.3	-40	-1.5
7650	-2.2	117.3	-40	-1.0
7660	-0.8	117.3	-40	-0.7
7670	0.1	117.3	-40	-0.2
7680	0.5	117.3	-40	-0.2
7690	0.7	117.3	-40	0.0
7700	0.8	117.3	-40	0.0
7710	1.5	117.3	-40	0.5
7720	11.4	117.3	-40	1.5
7730	3.1	117.3	-40	6.9
7740	0.5	117.2	-40	7.1
7750	6.1	117.1	-40	7.9
7760	4.7	117.0	-40	10.1
7770	3.3	116.9	-39	12.7
7780	6.1	116.7	-39	14.3
7790	6.1	116.5	-39	17.3
7800	4.7	116.3	-39	24.7
7810	6.2	116.0	-39	27.6
7820	6.1	115.8	-38	28.4
7830	6.1	115.5	-38	28.7
7840	6.6	115.1	-38	31.6
7850	6.1	114.8	-37	34.6
7860	5.8	114.3	-37	37.8
7870	6.6	113.9	-36	40.7
7880	6.6	113.4	-36	43.6
7890	5.8	112.9	-35	46.5
7900	6.1	112.4	-35	49.7
7910	6.6	111.8	-34	52.7
7920	6.1	111.2	-34	55.9
7930	6.4	110.5	-33	58.5
7940	6.1	109.8	-32	68.4
7950	6.1	109.1	-32	71.8
7960	6.5	108.4	-31	75.0
7970	6.4	107.6	-30	78.8
7980	6.1	106.8	-29	81.9
7990	6.4	106.0	-29	85.1
8000	6.4	105.1	-28	88.6
8010	6.1	104.2	-27	92.1
8020	6.8	103.2	-26	95.5
8030	6.9	102.2	-25	98.7
8040	6.6	101.2	-24	102.2

8050	6.6	100.2	-23	105.6
8060	7.1	99.1	-22	109.4
8070	7.2	98.0	-21	112.8
8080	7.2	96.8	-19	116.6
8090	6.8	95.6	-18	120.5
8100	6.9	94.4	-17	123.7
8110	7.6	93.1	-16	127.5
8120	7.2	91.8	-14	131.5
8130	7.1	90.5	-13	134.9
8140	7.9	89.1	-12	138.4
8150	7.7	87.7	-10	142.6
8160	7.1	86.2	-9	146.4
8170	7.7	84.7	-7	150.1
8180	7.9	83.2	-6	153.8
8190	7.2	81.6	-4	157.8
8200	8.1	80.0	-3	161.3
8210	8.1	78.4	-1	165.3
8220	6.6	76.7	1	169.3
8230	8.1	75.0	2	172.5
8240	7.5	73.2	4	176.5
8250	7.9	71.5	6	178.1
8260	10.6	69.7	8	178.9
8270	8.8	67.9	10	178.9
8280	17.2	66.3	11	146.6
8290	38.2	64.8	13	137.9
8300	27.3	63.9	14	94.7
8310	18.0	63.1	14	69.7
8320	20.2	62.5	15	57.2
8330	16.0	62.1	15	39.4
8340	14.6	61.8	16	29.0
8350	14.0	61.6	16	23.9
8360	8.9	61.4	16	15.9
8370	5.8	61.3	16	11.7
8380	6.4	61.2	16	9.8
8390	5.2	61.1	16	6.3
8400	3.0	61.1	16	4.7
8410	2.7	61.0	16	3.1
8420	3.3	61.0	16	2.6
8430	2.2	61.0	16	2.1
8440	1.1	61.0	16	1.8
8450	0.4	60.9	17	1.8
8460	-0.1	60.9	17	2.1
8470	-0.5	60.9	17	1.8
8480	-0.8	60.9	17	0.0
8490	-3.5	60.9	17	0.0
8500	-15.5	60.9	17	-0.7
8510	-5.3	60.9	17	-4.5
8520	-2.0	61.0	16	-6.3
8530	-10.8	61.1	16	-8.2
8540	-8.4	61.2	16	-13.0
8550	-4.9	61.4	16	-16.7
8560	-9.2	61.6	16	-19.4
8570	-8.8	61.8	16	-25.8
8580	-6.0	62.1	15	-27.6

8590	-9.6	62.5	15	-37.8
8600	-9.9	62.9	15	-39.1
8610	-8.1	63.3	14	-39.9
8620	-10.4	63.8	14	-45.2
8630	-11.3	64.3	13	-49.2
8640	-9.4	64.9	13	-54.3
8650	-9.6	65.5	12	-58.8
8660	-11.0	66.2	11	-63.8
8670	-9.9	67.0	10	-68.9
8680	-10.0	67.8	10	-73.4
8690	-11.3	68.7	9	-87.5
8700	-10.6	69.6	8	-93.4
8710	-10.7	70.6	7	-99.0
8720	-11.7	71.6	6	-105.4
8730	-10.4	72.7	5	-111.5
8740	-10.2	73.9	4	-117.1
8750	-10.7	75.1	2	-122.9
8760	-10.4	76.4	1	-128.3
8770	-9.6	77.7	0	-134.1
8780	-10.2	79.1	-2	-138.9
8790	-9.5	80.5	-3	-144.8
8800	-8.7	82.0	-5	-149.6
8810	-9.1	83.5	-6	-154.1
8820	-9.2	85.1	-8	-158.6
8830	-9.1	86.7	-9	-163.1
8840	-8.1	88.4	-11	-167.7
8850	-8.7	90.1	-13	-172.2
8860	-8.7	91.8	-14	-173.8
8870	-10.2	93.6	-16	-174.1
8880	-11.0	95.3	-18	-174.1
8890	-9.4	97.0	-20	-174.1
8900	-9.4	98.8	-21	-174.1
8910	-10.0	100.5	-23	-173.8
8920	-8.9	102.3	-25	-174.1
8930	-8.3	104.0	-27	-174.1
8940	-9.1	105.7	-28	-173.8
8950	-9.2	107.5	-30	-173.8
8960	-7.6	109.2	-32	-174.1
8970	-8.3	111.0	-34	-173.5
8980	-26.8	112.4	-35	-146.6
8990	-36.7	113.7	-36	-122.9
9000	-24.7	114.6	-37	-84.6
9010	-13.7	115.2	-38	-55.9
9020	-20.1	115.8	-38	-47.9
9030	-20.1	116.2	-39	-39.6
9040	-12.1	116.4	-39	-27.1
9050	-9.4	116.7	-39	-18.1
9060	-12.6	116.8	-39	-17.0
9070	-11.3	116.9	-39	-11.4
9080	-7.5	117.0	-40	-7.4
9090	-6.4	117.1	-40	-6.9
9100	-7.3	117.2	-40	-5.0
9110	-6.6	117.2	-40	-3.4
9120	-5.0	117.2	-40	-2.6

9130	-3.5	117.2	-40	-2.1
9140	-3.0	117.3	-40	-1.3
9150	-2.8	117.3	-40	-0.7
9160	-2.2	117.3	-40	-0.7
9170	-1.9	117.3	-40	-0.2
9180	-0.8	117.3	-40	-0.2
9190	0.4	117.3	-40	0.0
9200	0.5	117.3	-40	0.0
9210	0.7	117.3	-40	0.0
9220	0.8	117.3	-40	0.2
9230	0.9	117.3	-40	0.5
9240	5.4	117.3	-40	1.3
9250	5.2	117.2	-40	3.7
9260	1.8	117.2	-40	5.5
9270	3.5	117.1	-40	6.3
9280	5.7	117.0	-40	8.2
9290	3.7	116.9	-39	10.9
9300	4.6	116.8	-39	14.3
9310	6.0	116.6	-39	16.5
9320	4.1	116.4	-39	18.1
9330	4.3	116.2	-39	19.9
9340	6.0	116.0	-39	22.0
9350	5.3	115.7	-38	24.7
9360	5.2	115.4	-38	33.8
9370	6.5	115.1	-38	36.7
9380	6.1	114.7	-37	40.7
9390	6.1	114.3	-37	44.4
9400	6.6	113.9	-36	47.9
9410	6.2	113.4	-36	51.3
9420	5.7	112.9	-35	55.1
9430	6.0	112.4	-35	58.8
9440	6.0	111.8	-34	62.2
9450	5.8	111.2	-34	65.4
9460	6.4	110.6	-33	68.9
9470	5.8	110.0	-33	66.0
9480	5.8	109.3	-32	69.2
9490	6.4	108.6	-31	72.4
9500	6.2	107.8	-30	75.6
9510	5.8	107.0	-30	79.3
9520	5.7	106.2	-29	82.5
9530	5.6	105.4	-28	85.4
9540	5.4	104.5	-27	88.3
9550	5.7	103.6	-26	91.0
9560	6.0	102.7	-25	94.2
9570	5.4	101.7	-24	96.9
9580	6.1	100.7	-23	100.0
9590	6.2	99.7	-22	103.2
9600	6.6	98.6	-21	106.4
9610	6.2	97.5	-20	109.6
9620	6.0	96.4	-19	113.1
9630	5.8	95.3	-18	116.0
9640	6.1	94.1	-17	119.0
9650	6.1	92.9	-15	121.9
9660	6.0	91.6	-14	124.8

9670	6.0	90.4	-13	127.7
9680	6.6	89.0	-12	130.9
9690	6.6	87.7	-10	134.1
9700	6.1	86.4	-9	137.3
9710	6.8	85.0	-8	140.5
9720	6.6	83.5	-6	143.7
9730	6.5	82.1	-5	147.2
9740	6.4	80.6	-3	150.4
9750	6.6	79.0	-2	153.3
9760	6.2	77.5	0	156.5
9770	6.4	75.9	2	159.7
9780	7.1	74.3	3	162.6
9790	6.0	72.6	5	165.8
9800	6.4	70.9	7	169.0
9810	7.9	69.2	8	171.9
9820	5.8	67.5	10	174.3
9830	23.5	65.9	12	153.0
9840	37.4	64.7	13	105.1
9850	23.2	63.7	14	88.3
9860	18.3	63.0	14	65.4
9870	18.2	62.5	15	44.7
9880	13.7	62.1	15	37.5
9890	14.5	61.8	16	28.2
9900	14.1	61.5	16	19.1
9910	8.8	61.4	16	15.7
9920	6.6	61.3	16	11.7
9930	6.4	61.2	16	7.9
9940	4.2	61.1	16	6.3
9950	2.8	61.0	16	5.3
9960	3.3	61.0	16	3.7
9970	3.0	61.0	16	2.6
9980	2.2	60.9	17	1.8
9990	1.8	60.9	17	2.1
10000	1.2	60.9	17	2.1
10010	1.5	60.9	17	0.2
10020	-0.5	60.9	17	0.0
10030	-0.5	60.9	17	0.0
10040	-0.7	60.9	17	0.0
10050	-0.8	60.9	17	1.3
10060	-6.1	60.9	17	0.5
10070	-6.5	60.9	17	-1.5
10080	-1.5	60.9	17	-1.8
10090	-3.0	60.9	17	-2.3
10100	-6.4	61.0	16	-4.2
10110	-3.7	61.0	16	-7.1
10120	-5.2	61.1	16	-9.8
10130	-7.9	61.3	16	-14.1
10140	-5.3	61.4	16	-18.3
10150	-5.8	61.6	16	-21.8
10160	-7.9	61.8	16	-22.6
10170	-6.5	62.1	15	-24.2
10180	-6.4	62.4	15	-27.4
10190	-8.7	62.7	15	-37.2
10200	-7.9	63.1	14	-42.3

10210	-7.6	63.5	14	-47.3
10220	-9.2	64.0	13	-47.3
10230	-9.2	64.5	13	-46.5
10240	-8.1	65.0	12	-50.8
10250	-8.5	65.6	12	-55.1
10260	-8.9	66.3	11	-59.6
10270	-8.4	67.0	10	-63.6
10280	-8.8	67.7	10	-67.3
10290	-9.2	68.5	9	-79.8
10300	-8.4	69.4	8	-84.9
10310	-8.7	70.2	7	-89.4
10320	-9.4	71.2	6	-94.2
10330	-8.0	72.1	5	-99.3
10340	-7.1	73.2	4	-103.2
10350	-7.9	74.2	3	-107.2
10360	-6.2	75.3	2	-111.5
10370	-6.1	76.5	1	-114.4
10380	-6.8	77.6	0	-117.9
10390	-6.2	78.9	-1	-121.1
10400	-6.0	80.1	-3	-124.5
10410	-6.0	81.4	-4	-127.2
10420	-6.0	82.6	-5	-130.4
10430	-5.7	84.0	-7	-133.1
10440	-5.7	85.3	-8	-136.3
10450	-6.1	86.7	-9	-138.7
10460	-4.9	88.1	-11	-141.8
10470	-4.7	89.5	-12	-144.0
10480	-4.1	91.0	-14	-146.4
10490	-4.2	92.5	-15	-148.0
10500	-3.7	94.0	-17	-149.6
10510	-4.2	95.5	-18	-151.2
10520	-3.9	97.0	-20	-153.0
10530	-3.0	98.6	-21	-154.6
10540	-3.3	100.1	-23	-156.0
10550	-2.6	101.7	-24	-157.0
10560	-2.2	103.3	-26	-157.8
10570	-2.2	104.8	-27	-158.6
10580	-2.3	106.4	-29	-159.2
10590	-2.2	108.0	-31	-159.7
10600	-1.9	109.6	-32	-160.2
10610	-2.2	111.1	-34	-143.4
10620	-24.5	112.6	-35	-142.4
10630	-28.7	113.6	-36	-102.2
10640	-14.5	114.5	-37	-85.9
10650	-9.9	115.1	-38	-59.9
10660	-16.3	115.6	-38	-51.3
10670	-12.1	116.0	-39	-36.7
10680	-3.7	116.3	-39	-30.0
10690	-4.5	116.5	-39	-21.2
10700	-6.5	116.7	-39	-18.3
10710	-3.0	116.8	-39	-13.0
10720	-0.9	116.9	-39	-8.5
10730	-2.3	117.0	-40	-8.2
10740	-1.9	117.1	-40	-6.3

10750	-0.8	117.1	-40	-4.5
10760	-1.1	117.2	-40	-3.1
10770	-1.2	117.2	-40	-2.3
10780	-0.1	117.2	-40	-2.3
10790	0.1	117.2	-40	-1.5
10800	0.4	117.3	-40	-1.3
10810	0.8	117.3	-40	-0.5
10820	0.9	117.3	-40	0.0
10830	5.0	117.3	-40	-0.2
10840	8.5	117.2	-40	3.7
10850	1.2	117.2	-40	7.4
10860	1.8	117.1	-40	8.7
10870	6.4	117.0	-40	9.8
10880	2.7	116.9	-39	13.5
10890	2.7	116.8	-39	15.1
10900	6.4	116.6	-39	16.7
10910	3.8	116.4	-39	18.3
10920	4.1	116.2	-39	18.6
10930	6.6	116.0	-39	20.7
10940	4.9	115.8	-38	23.6
10950	5.0	115.5	-38	32.2
10960	6.8	115.2	-38	35.4
10970	5.6	114.8	-37	39.1
10980	4.9	114.4	-37	38.6
10990	5.8	114.0	-37	45.5
11000	5.4	113.6	-36	48.9
11010	5.6	113.1	-36	52.1
11020	6.0	112.6	-35	55.3
11030	5.7	112.1	-35	58.5
11040	5.8	111.5	-34	62.0
11050	6.8	110.9	-33	65.4
11060	5.8	110.3	-33	69.2
11070	5.8	109.7	-32	66.2
11080	6.5	109.0	-32	69.4
11090	6.2	108.3	-31	72.9
11100	6.2	107.5	-30	76.1
11110	6.1	106.7	-29	79.6
11120	6.1	105.9	-28	83.0
11130	6.5	105.0	-28	86.2
11140	6.2	104.2	-27	89.7
11150	6.6	103.2	-26	93.4
11160	6.9	102.3	-25	96.3
11170	6.8	101.3	-24	100.0
11180	6.4	100.3	-23	103.5
11190	6.5	99.2	-22	107.0
11200	6.8	98.1	-21	110.4
11210	6.8	97.0	-20	113.6
11220	6.8	95.8	-18	117.4
11230	6.6	94.6	-17	120.8
11240	6.9	93.4	-16	124.3
11250	7.2	92.1	-15	127.7
11260	7.1	90.8	-13	131.7
11270	7.3	89.4	-12	135.2
11280	8.1	88.1	-11	138.7

11290	6.9	86.6	-9	142.9
11300	6.8	85.2	-8	146.6
11310	7.3	83.7	-6	149.8
11320	7.6	82.2	-5	153.6
11330	7.6	80.6	-3	157.3
11340	8.0	79.0	-2	161.0
11350	6.6	77.4	0	165.0
11360	6.8	75.7	2	168.5
11370	8.4	74.0	3	171.9
11380	6.5	72.2	5	175.7
11390	8.0	70.5	7	177.5
11400	9.9	68.7	9	178.6
11410	8.4	66.9	11	193.8
11420	32.4	65.5	12	141.8
11430	33.0	64.3	13	118.4
11440	18.3	63.4	14	79.6
11450	19.5	62.8	15	59.3
11460	17.8	62.3	15	44.9
11470	11.7	62.0	15	29.8
11480	12.3	61.7	16	24.7
11490	11.0	61.5	16	18.6
11500	5.6	61.3	16	14.9
11510	3.9	61.2	16	10.1
11520	3.9	61.2	16	7.9
11530	1.6	61.1	16	5.3
11540	0.8	61.0	16	4.5
11550	1.9	61.0	16	3.4
11560	1.8	61.0	16	2.6
11570	0.9	61.0	16	1.8
11580	0.8	61.0	16	2.1
11590	0.4	60.9	17	2.1
11600	-0.1	60.9	17	1.5
11610	-0.4	60.9	17	1.0
11620	-0.8	60.9	17	0.2
11630	-1.8	60.9	17	0.7
11640	-13.0	60.9	17	-0.7
11650	-3.9	60.9	17	-3.1
11660	-0.4	60.9	17	-3.4
11670	-7.2	61.0	16	-5.0
11680	-4.2	61.1	16	-7.7
11690	-1.6	61.1	16	-10.1
11700	-6.0	61.3	16	-12.2
11710	-5.7	61.4	16	-15.4
11720	-3.3	61.6	16	-18.9
11730	-6.9	61.7	16	-19.1
11740	-8.1	61.9	16	-20.2
11750	-4.7	62.2	15	-23.9
11760	-7.2	62.5	15	-26.6
11770	-8.7	62.8	15	-37.0
11780	-5.7	63.2	14	-41.7
11790	-6.9	63.6	14	-45.7
11800	-8.8	64.1	13	-50.0
11810	-6.9	64.5	13	-54.5
11820	-7.1	65.1	12	-58.5

11830	-8.7	65.6	12	-57.2
11840	-8.1	66.2	11	-55.6
11850	-7.6	66.9	11	-59.3
11860	-8.4	67.5	10	-62.8
11870	-8.1	68.3	9	-74.5
11880	-7.2	69.1	8	-78.8
11890	-7.5	69.9	8	-82.7
11900	-7.9	70.8	7	-86.7
11910	-6.5	71.7	6	-90.7
11920	-6.1	72.6	5	-94.2
11930	-6.5	73.6	4	-97.1
11940	-6.2	74.6	3	-100.8
11950	-5.7	75.6	2	-104.0
11960	-7.2	76.7	1	-107.2
11970	-6.6	77.8	0	-111.0
11980	-5.7	78.9	-1	-113.9
11990	-6.4	80.1	-3	-117.4
12000	-6.0	81.3	-4	-120.0
12010	-5.4	82.5	-5	-123.5
12020	-5.6	83.7	-6	-125.9
12030	-5.6	85.0	-8	-128.5
12040	-5.0	86.3	-9	-131.5
12050	-5.4	87.7	-10	-133.9
12060	-6.0	89.0	-12	-136.5
12070	-4.7	90.4	-13	-139.5
12080	-5.3	91.8	-14	-141.3
12090	-5.0	93.2	-16	-144.0
12100	-4.9	94.7	-17	-146.1
12110	-3.9	96.2	-19	-148.2
12120	-3.8	97.7	-20	-149.8
12130	-1.9	99.2	-22	-151.7
12140	-1.6	100.7	-23	-151.7
12150	-1.5	102.2	-25	-152.2
12160	-1.4	103.8	-26	-152.5
12170	-1.2	105.3	-28	-152.5
12180	-0.8	106.8	-29	-152.8
12190	4.6	108.3	-31	-152.0
12200	3.5	109.8	-32	-148.8
12210	-1.9	111.3	-34	-157.8
12220	-2.6	112.5	-35	-117.1
12230	-27.5	113.5	-36	-103.8
12240	-15.5	114.3	-37	-75.6
12250	0.9	114.9	-37	-52.4
12260	-0.8	115.4	-38	-46.3
12270	-6.9	115.8	-38	-37.0
12280	-1.4	116.1	-39	-29.8
12290	0.7	116.3	-39	-20.7
12300	-0.5	116.5	-39	-18.6
12310	-0.1	116.7	-39	-13.3
12320	0.0	116.8	-39	-13.0
12330	0.0	116.9	-39	-9.3
12340	0.0	117.0	-40	-6.6
12350	0.0	117.1	-40	-6.6
12360	0.0	117.1	-40	-5.3

12370	0.1	117.1	-40	-3.9
12380	0.5	117.2	-40	-2.6
12390	1.4	117.2	-40	-2.3
12400	2.6	117.2	-40	-1.3
12410	2.3	117.2	-40	0.2
12420	3.5	117.2	-40	0.2
12430	3.1	117.2	-40	2.3
12440	3.8	117.2	-40	3.1
12450	3.5	117.1	-40	5.8
12460	3.4	117.0	-40	6.9
12470	3.5	117.0	-40	9.8
12480	3.5	116.8	-39	10.6
12490	4.3	116.7	-39	12.2
12500	4.5	116.6	-39	14.3
12510	5.0	116.4	-39	16.5
12520	5.7	116.2	-39	18.9
12530	5.8	115.9	-38	21.8
12540	5.8	115.7	-38	24.7
12550	6.0	115.4	-38	27.6
12560	6.2	115.1	-38	30.8
12570	6.2	114.7	-37	33.5
12580	6.1	114.3	-37	36.4
12590	6.4	113.9	-36	39.4
12600	6.2	113.4	-36	42.3
12610	6.1	112.9	-35	45.7
12620	6.5	112.4	-35	48.1
12630	6.9	111.8	-34	51.6
12640	6.8	111.2	-34	54.5
12650	7.2	110.6	-33	58.0
12660	6.8	109.9	-32	68.1
12670	6.5	109.2	-32	71.6
12680	6.8	108.4	-31	75.3
12690	7.1	107.6	-30	78.8
12700	6.4	106.8	-29	82.7
12710	6.6	106.0	-29	86.2
12720	6.8	105.1	-28	89.7
12730	6.2	104.2	-27	93.4
12740	7.3	103.2	-26	97.1
12750	7.9	102.2	-25	100.6
12760	7.2	101.2	-24	104.6
12770	6.9	100.1	-23	108.3
12780	7.7	99.0	-22	112.3
12790	7.5	97.8	-20	116.3
12800	8.0	96.6	-19	120.3
12810	6.9	95.4	-18	124.3
12820	7.3	94.1	-17	127.7
12830	8.3	92.8	-15	131.7
12840	7.5	91.5	-14	135.7
12850	7.7	90.1	-13	139.5
12860	8.8	88.7	-11	143.4
12870	7.7	87.2	-10	147.7
12880	7.5	85.7	-8	152.0
12890	8.1	84.1	-7	155.7
12900	8.4	82.5	-5	159.7

12910	7.2	80.9	-3	164.2
12920	8.7	79.2	-2	167.7
12930	7.7	77.5	0	171.9
12940	7.1	75.8	2	175.7
12950	9.9	74.0	3	177.8
12960	9.6	72.2	5	178.3
12970	9.8	70.4	7	178.9
12980	9.9	68.7	9	178.9
12990	9.8	66.9	11	194.0
13000	34.4	65.4	12	141.6
13010	35.4	64.3	13	96.3
13020	20.6	63.4	14	79.0
13030	20.7	62.8	15	58.8
13040	17.5	62.3	15	44.1
13050	13.6	62.0	15	29.2
13060	15.1	61.7	16	24.2
13070	11.1	61.5	16	19.9
13080	6.9	61.4	16	11.7
13090	5.7	61.2	16	9.8
13100	4.7	61.2	16	7.7
13110	3.1	61.1	16	5.3
13120	2.6	61.1	16	3.9
13130	3.0	61.0	16	2.9
13140	3.1	61.0	16	2.3
13150	2.0	61.0	16	1.8
13160	1.4	61.0	16	1.8
13170	0.7	61.0	16	2.1
13180	-0.1	60.9	17	2.1
13190	-0.4	60.9	17	1.8
13200	-0.8	60.9	17	1.3
13210	-1.6	60.9	17	0.2
13220	-14.6	60.9	17	-0.5
13230	-5.8	60.9	17	-3.4
13240	0.0	61.0	16	-6.3
13250	-9.6	61.0	16	-7.4
13260	-7.6	61.1	16	-11.9
13270	-2.8	61.3	16	-16.5
13280	-8.9	61.4	16	-18.3
13290	-9.2	61.7	16	-23.6
13300	-4.9	61.9	16	-29.0
13310	-8.9	62.2	15	-29.2
13320	-10.7	62.5	15	-30.6
13330	-6.2	62.9	15	-35.4
13340	-8.8	63.3	14	-39.1
13350	-10.7	63.8	14	-52.9
13360	-7.5	64.3	13	-58.8
13370	-8.8	64.9	13	-63.3
13380	-10.3	65.5	12	-68.4
13390	-8.4	66.2	11	-74.5
13400	-8.9	66.9	11	-79.8
13410	-10.4	67.7	10	-84.6
13420	-8.9	68.5	9	-82.7
13430	-8.5	69.3	8	-87.8
13440	-9.9	70.2	7	-92.6

13450	-9.5	71.2	6	-97.9
13460	-8.1	72.2	5	-103.2
13470	-9.1	73.3	4	-107.5
13480	-9.2	74.4	3	-112.6
13490	-7.3	75.6	2	-117.1
13500	-8.8	76.8	1	-121.1
13510	-8.9	78.0	-1	-126.1
13520	-7.5	79.3	-2	-130.4
13530	-7.5	80.7	-3	-134.7
13540	-7.6	82.0	-5	-138.1
13550	-6.8	83.4	-6	-142.1
13560	-6.6	84.9	-7	-145.6
13570	-6.9	86.4	-9	-148.8
13580	-6.4	87.9	-10	-152.2
13590	-6.6	89.4	-12	-155.2
13600	-6.0	91.0	-14	-158.4
13610	-6.4	92.6	-15	-161.0
13620	-5.3	94.2	-17	-163.9
13630	-6.5	95.9	-18	-166.3
13640	-6.4	97.6	-20	-169.3
13650	-4.1	99.3	-22	-172.2
13660	-5.7	101.0	-24	-173.5
13670	-6.9	102.8	-25	-173.8
13680	-6.1	104.5	-27	-173.8
13690	-5.3	106.2	-29	-173.5
13700	-6.4	108.0	-31	-173.5
13710	-4.6	109.7	-32	-173.8
13720	-5.4	111.4	-34	-187.6
13730	-29.8	112.8	-35	-136.0
13740	-32.1	113.9	-36	-103.8
13750	-15.7	114.8	-37	-69.4
13760	-13.7	115.4	-38	-58.0
13770	-20.5	115.9	-38	-48.7
13780	-15.2	116.2	-39	-33.5
13790	-6.9	116.5	-39	-22.6
13800	-8.3	116.7	-39	-20.4
13810	-10.0	116.9	-39	-14.3
13820	-6.5	117.0	-40	-10.6
13830	-4.3	117.1	-40	-8.7
13840	-5.8	117.1	-40	-6.1
13850	-5.4	117.2	-40	-4.2
13860	-3.9	117.2	-40	-2.9
13870	-3.8	117.2	-40	-2.6
13880	-4.2	117.3	-40	-1.8
13890	-2.7	117.3	-40	-1.3
13900	-1.1	117.3	-40	-0.5
13910	-0.5	117.3	-40	-0.7
13920	0.1	117.3	-40	-0.5
13930	0.4	117.3	-40	0.0
13940	0.7	117.3	-40	0.0
13950	0.8	117.3	-40	0.2
13960	1.2	117.3	-40	0.2
13970	11.1	117.3	-40	1.5
13980	4.6	117.2	-40	6.3

13990	-0.4	117.2	-40	7.9
14000	3.8	117.1	-40	9.0
14010	5.2	117.0	-40	11.1
14020	2.6	116.9	-39	13.0
14030	5.2	116.7	-39	15.9
14040	6.2	116.5	-39	18.9
14050	3.5	116.3	-39	20.4
14060	5.6	116.1	-39	20.4
14070	6.5	115.9	-38	22.8
14080	4.5	115.6	-38	31.9
14090	5.3	115.3	-38	31.6
14100	6.2	115.0	-38	34.3
14110	4.7	114.6	-37	33.8
14120	5.3	114.2	-37	44.4
14130	6.2	113.7	-36	47.6
14140	4.9	113.3	-36	51.1
14150	5.3	112.8	-35	53.5
14160	6.4	112.3	-35	57.5
14170	5.8	111.7	-34	61.2
14180	5.7	111.2	-34	64.4
14190	6.2	110.5	-33	67.8
14200	5.3	109.9	-32	64.9
14210	5.6	109.2	-32	67.8
14220	6.1	108.5	-31	70.8
14230	5.7	107.8	-30	73.7
14240	5.6	107.0	-30	77.2
14250	5.6	106.2	-29	80.1
14260	5.4	105.4	-28	83.0
14270	5.4	104.6	-27	85.9
14280	5.8	103.7	-26	89.1
14290	6.0	102.8	-25	92.1
14300	5.8	101.8	-24	95.3
14310	6.0	100.9	-23	98.2
14320	5.6	99.9	-22	101.1
14330	6.0	98.8	-21	104.0
14340	6.5	97.7	-20	107.2
14350	6.4	96.7	-19	110.4
14360	6.1	95.5	-18	113.9
14370	6.8	94.4	-17	117.1
14380	6.6	93.2	-16	120.3
14390	6.1	91.9	-14	123.5
14400	6.4	90.7	-13	126.4
14410	6.6	89.4	-12	129.6
14420	6.8	88.1	-11	133.1
14430	6.6	86.7	-9	136.5
14440	6.5	85.3	-8	140.0
14450	6.6	83.9	-6	143.4
14460	7.1	82.4	-5	146.6
14470	6.6	80.9	-3	149.8
14480	7.1	79.4	-2	153.0
14490	6.9	77.9	0	156.5
14500	6.1	76.3	1	160.0
14510	7.2	74.6	3	162.9
14520	6.2	73.0	4	166.1

14530	6.1	71.3	6	169.3
14540	7.7	69.6	8	172.2
14550	5.8	67.8	10	175.7
14560	16.3	66.3	11	144.2
14570	38.0	64.9	13	135.7
14580	25.0	63.9	14	93.7
14590	16.1	63.2	14	68.6
14600	19.7	62.6	15	52.1
14610	14.4	62.2	15	34.8
14620	12.5	61.9	16	29.0
14630	13.3	61.6	16	23.9
14640	8.1	61.5	16	16.2
14650	3.8	61.3	16	11.7
14660	4.3	61.2	16	9.8
14670	3.0	61.2	16	6.6
14680	1.2	61.1	16	4.7
14690	1.2	61.1	16	3.4
14700	2.0	61.0	16	2.3
14710	1.5	61.0	16	1.8
14720	0.3	61.0	16	1.5
14730	0.0	61.0	16	1.8
14740	-0.1	61.0	16	2.1
14750	-0.5	60.9	17	2.1
14760	-0.8	60.9	17	1.5
14770	-3.4	60.9	17	0.7
14780	-13.2	60.9	17	-1.8
14790	-1.9	61.0	16	-6.6
14800	-2.6	61.1	16	-9.5
14810	-10.0	61.2	16	-11.4
14820	-3.9	61.3	16	-16.5
14830	-4.2	61.5	16	-19.4
14840	-8.8	61.7	16	-19.9
14850	-5.7	61.9	16	-21.5
14860	-5.4	62.2	15	-24.4
14870	-9.6	62.5	15	-33.2
14880	-6.9	62.8	15	-38.6
14890	-6.5	63.2	14	-43.1
14900	-9.5	63.6	14	-43.1
14910	-8.0	64.1	13	-43.1
14920	-6.6	64.6	13	-46.8
14930	-8.9	65.1	12	-50.0
14940	-8.1	65.7	12	-66.2
14950	-7.2	66.4	11	-71.3
14960	-9.1	67.0	10	-75.6
14970	-9.1	67.8	10	-80.3
14980	-8.3	68.5	9	-78.2
14990	-9.1	69.4	8	-83.3
15000	-8.9	70.2	7	-87.8
15010	-8.1	71.1	6	-92.9
15020	-8.4	72.1	5	-97.4
15030	-7.6	73.1	4	-101.4
15040	-7.3	74.2	3	-105.6
15050	-6.9	75.2	2	-109.4
15060	-7.3	76.4	1	-112.8

15070	-7.1	77.5	0	-117.1
15080	-6.8	78.7	-1	-120.5
15090	-7.2	80.0	-3	-124.3
15100	-6.2	81.2	-4	-127.5
15110	-5.8	82.5	-5	-130.7
15120	-6.1	83.8	-6	-133.3
15130	-5.8	85.2	-8	-136.5
15140	-5.8	86.6	-9	-139.2
15150	-5.4	88.0	-11	-142.1
15160	-5.8	89.4	-12	-144.5
15170	-4.5	90.9	-13	-147.2
15180	-4.7	92.4	-15	-149.0
15190	-3.7	93.9	-16	-151.2
15200	-3.8	95.4	-18	-152.8
15210	-3.4	97.0	-20	-154.1
15220	-2.6	98.5	-21	-155.4
15230	-2.0	100.1	-23	-156.5
15240	-1.9	101.7	-24	-157.0
15250	-1.6	103.2	-26	-157.0
15260	-1.5	104.8	-27	-157.6
15270	-1.5	106.4	-29	-157.8
15280	-1.4	108.0	-31	-157.8
15290	-1.2	109.5	-32	-158.1
15300	0.1	111.0	-34	-141.3
15310	-2.4	112.5	-35	-142.1
15320	-27.3	113.5	-36	-102.2
15330	-26.0	114.4	-37	-89.1
15340	-7.6	115.0	-38	-62.0
15350	-2.0	115.5	-38	-47.1
15360	-13.4	115.9	-38	-37.5
15370	-8.3	116.2	-39	-26.3
15380	-0.5	116.5	-39	-24.2
15390	-4.3	116.7	-39	-17.3
15400	-6.1	116.8	-39	-15.4
15410	-1.1	116.9	-39	-10.3
15420	0.0	117.0	-40	-7.1
15430	-1.1	117.1	-40	-7.1
15440	0.1	117.1	-40	-5.0
15450	0.1	117.2	-40	-3.4
15460	0.0	117.2	-40	-2.9
15470	0.0	117.2	-40	-2.3
15480	0.3	117.3	-40	-1.5
15490	0.5	117.3	-40	-1.0
15500	0.8	117.3	-40	-0.7
15510	6.1	117.3	-40	0.0
15520	8.3	117.3	-40	2.6
15530	2.2	117.2	-40	5.5
15540	3.0	117.1	-40	6.6
15550	6.6	117.1	-40	8.2
15560	3.7	116.9	-39	11.1
15570	2.8	116.8	-39	13.3
15580	6.0	116.6	-39	14.6
15590	3.4	116.5	-39	17.3
15600	3.7	116.2	-39	18.9

15610	6.4	116.0	-39	21.2
15620	4.7	115.8	-38	23.9
15630	5.0	115.5	-38	32.4
15640	7.1	115.1	-38	35.4
15650	5.6	114.8	-37	39.1
15660	5.3	114.4	-37	42.8
15670	6.4	114.0	-37	45.7
15680	5.3	113.6	-36	49.5
15690	5.0	113.1	-36	52.7
15700	6.0	112.6	-35	55.6
15710	5.3	112.1	-35	59.1
15720	5.6	111.5	-34	62.2
15730	6.6	110.9	-33	65.2
15740	6.0	110.3	-33	68.9
15750	6.0	109.6	-32	66.2
15760	6.8	109.0	-32	69.4
15770	6.2	108.2	-31	72.9
15780	6.0	107.5	-30	76.4
15790	5.8	106.7	-29	79.6
15800	5.4	105.9	-28	82.7
15810	5.6	105.0	-28	85.7
15820	5.3	104.1	-27	88.6
15830	5.7	103.2	-26	91.5
15840	6.0	102.3	-25	94.2
15850	6.0	101.3	-24	97.4
15860	5.8	100.3	-23	100.3
15870	5.8	99.3	-22	103.5
15880	6.4	98.3	-21	106.4
15890	6.0	97.2	-20	109.6
15900	5.8	96.0	-19	112.8
15910	5.8	94.9	-17	115.5
15920	6.0	93.7	-16	118.7
15930	6.1	92.5	-15	121.6
15940	6.1	91.3	-14	124.8
15950	6.6	90.0	-13	128.0
15960	6.9	88.7	-11	131.2
15970	6.8	87.3	-10	134.9
15980	6.8	86.0	-9	138.1
15990	7.1	84.6	-7	141.3
16000	6.6	83.1	-6	144.8
16010	6.5	81.7	-4	148.0
16020	7.2	80.2	-3	151.2
16030	7.1	78.6	-1	154.9
16040	6.2	77.0	0	158.1
16050	7.3	75.4	2	161.3
16060	7.5	73.8	4	165.0
16070	6.5	72.1	5	168.5
16080	8.0	70.4	7	171.7
16090	7.6	68.7	9	175.4
16100	7.9	66.9	11	192.4
16110	34.0	65.5	12	141.0
16120	34.8	64.3	13	96.3
16130	19.7	63.5	14	79.3
16140	21.2	62.8	15	59.3

16150	19.0	62.3	15	49.2
16160	13.2	62.0	15	33.2
16170	15.6	61.7	16	25.0
16180	13.8	61.5	16	16.7
16190	8.4	61.4	16	13.5
16200	6.5	61.2	16	10.3
16210	6.1	61.2	16	6.6
16220	3.9	61.1	16	5.3
16230	3.7	61.1	16	4.5
16240	4.2	61.0	16	3.4
16250	3.9	61.0	16	2.6
16260	3.1	61.0	16	2.1
16270	2.6	61.0	16	2.1
16280	1.8	60.9	17	1.8
16290	0.5	60.9	17	2.3
16300	0.0	60.9	17	1.8
16310	-0.4	60.9	17	0.2
16320	-0.7	60.9	17	0.0
16330	-0.8	60.9	17	1.0
16340	-3.3	60.9	17	0.5
16350	-9.2	60.9	17	-1.5
16360	-0.8	60.9	17	-2.1
16370	-0.7	60.9	17	-1.0
16380	-5.7	60.9	17	-2.9
16390	-1.4	61.0	16	-6.3
16400	-4.1	61.1	16	-7.1
16410	-6.5	61.1	16	-9.5
16420	-2.6	61.3	16	-12.7
16430	-5.2	61.4	16	-14.6
16440	-7.3	61.5	16	-17.5
16450	-4.6	61.7	16	-21.8
16460	-6.2	62.0	15	-25.0
16470	-8.7	62.2	15	-25.8
16480	-7.3	62.5	15	-27.1
16490	-7.6	62.8	15	-30.8
16500	-9.6	63.2	14	-34.8
16510	-8.8	63.6	14	-39.4
16520	-8.5	64.1	13	-44.1
16530	-10.2	64.6	13	-48.7
16540	-9.4	65.2	12	-52.4
16550	-8.3	65.8	12	-57.2
16560	-9.6	66.5	11	-61.4
16570	-9.2	67.2	10	-66.0
16580	-8.4	68.0	9	-78.0
16590	-9.1	68.8	9	-83.0
16600	-8.4	69.7	8	-87.8
16610	-8.1	70.6	7	-92.3
16620	-8.4	71.5	6	-96.9
16630	-7.9	72.5	5	-101.4
16640	-7.5	73.6	4	-105.1
16650	-7.7	74.7	3	-109.6
16660	-7.1	75.8	2	-113.4
16670	-7.2	77.0	0	-117.4
16680	-7.7	78.2	-1	-121.1

16690	-7.1	79.4	-2	-124.8
16700	-6.4	80.7	-3	-128.5
16710	-6.5	82.0	-5	-131.7
16720	-6.6	83.3	-6	-135.2
16730	-6.2	84.7	-7	-138.1
16740	-6.0	86.1	-9	-141.0
16750	-6.6	87.6	-10	-144.0
16760	-6.6	89.0	-12	-147.4
16770	-5.7	90.5	-13	-150.6
16780	-6.5	92.0	-15	-153.3
16790	-6.1	93.6	-16	-156.2
16800	-6.6	95.2	-18	-159.2
16810	-6.0	96.8	-19	-162.3
16820	-6.2	98.4	-21	-165.0
16830	-5.0	100.1	-23	-167.9
16840	-5.2	101.8	-24	-170.3
16850	-5.6	103.5	-26	-172.5
16860	-6.1	105.3	-28	-173.8
16870	-7.1	107.0	-30	-173.8
16880	-6.0	108.7	-31	-173.5
16890	-4.3	110.5	-33	-173.5
16900	-14.1	112.0	-35	-140.5
16910	-31.9	113.3	-36	-121.1
16920	-23.1	114.3	-37	-81.9
16930	-6.8	115.1	-38	-67.8
16940	-13.2	115.6	-38	-46.3
16950	-14.6	116.0	-39	-39.6
16960	-3.4	116.4	-39	-26.3
16970	-0.8	116.6	-39	-23.6
16980	-3.5	116.8	-39	-16.7
16990	-1.4	116.9	-39	-13.8
17000	0.4	117.0	-40	-9.3
17010	0.0	117.1	-40	-6.3
17020	0.1	117.2	-40	-5.8
17030	0.5	117.2	-40	-4.5
17040	0.9	117.2	-40	-3.4
17050	5.3	117.2	-40	-1.8
17060	2.2	117.2	-40	0.7
17070	0.0	117.2	-40	0.7
17080	3.1	117.2	-40	0.7
17090	3.9	117.2	-40	2.6
17100	3.1	117.2	-40	4.2
17110	4.2	117.1	-40	5.8
17120	4.7	117.0	-40	9.3
17130	3.9	116.9	-39	12.2
17140	4.3	116.8	-39	13.3
17150	4.3	116.7	-39	13.8
17160	3.1	116.5	-39	16.5
17170	3.9	116.3	-39	17.5
17180	5.0	116.1	-39	19.7
17190	4.9	115.8	-38	22.0
17200	5.3	115.6	-38	24.7
17210	5.7	115.3	-38	27.1
17220	5.6	114.9	-37	29.8

17230	5.7	114.6	-37	32.7
17240	6.0	114.2	-37	35.4
17250	5.6	113.8	-36	38.3
17260	4.9	113.3	-36	40.7
17270	5.0	112.9	-35	43.3
17280	5.0	112.4	-35	45.7
17290	5.4	111.8	-34	48.1
17300	5.8	111.3	-34	50.5
17310	6.2	110.7	-33	53.5
17320	6.4	110.1	-33	62.5
17330	6.2	109.4	-32	66.0
17340	6.4	108.7	-31	69.4
17350	6.0	108.0	-31	72.9
17360	6.1	107.2	-30	76.1
17370	6.0	106.5	-29	79.3
17380	6.0	105.6	-28	82.5
17390	6.0	104.8	-27	85.7
17400	6.0	103.9	-26	88.9
17410	6.4	103.0	-26	91.8
17420	6.6	102.0	-25	95.3
17430	6.9	101.1	-24	98.7
17440	6.5	100.1	-23	102.2
17450	6.8	99.0	-22	105.6
17460	6.2	97.9	-20	109.1
17470	6.4	96.8	-19	112.3
17480	6.0	95.7	-18	115.8
17490	6.5	94.5	-17	118.7
17500	6.6	93.3	-16	121.9
17510	6.4	92.0	-15	125.3
17520	6.8	90.7	-13	128.5
17530	7.6	89.4	-12	132.0
17540	7.6	88.1	-11	135.7
17550	6.8	86.7	-9	139.7
17560	7.1	85.3	-8	143.2
17570	7.1	83.8	-6	146.6
17580	6.8	82.3	-5	150.1
17590	6.9	80.8	-3	153.6
17600	7.6	79.2	-2	156.8
17610	6.8	77.6	0	160.2
17620	6.4	76.0	1	163.9
17630	8.5	74.3	3	167.1
17640	6.6	72.6	5	171.1
17650	6.8	70.9	7	174.6
17660	9.2	69.1	8	177.3
17670	7.9	67.4	10	160.5
17680	26.8	65.8	12	135.7
17690	37.7	64.6	13	116.3
17700	21.0	63.6	14	77.4
17710	19.4	63.0	14	63.8
17720	21.2	62.4	15	48.7
17730	13.0	62.0	15	39.6
17740	12.7	61.7	16	26.8
17750	14.0	61.5	16	20.4
17760	7.7	61.4	16	16.2

17770	5.3	61.2	16	10.9
17780	6.2	61.2	16	8.2
17790	3.8	61.1	16	5.5
17800	3.0	61.0	16	4.5
17810	4.6	61.0	16	3.4
17820	4.7	61.0	16	2.3
17830	4.1	61.0	16	1.8
17840	3.9	60.9	17	1.8
17850	3.7	60.9	17	2.1
17860	2.8	60.9	17	1.5
17870	2.2	60.9	17	0.0
17880	-0.3	60.9	17	0.0
17890	-0.5	60.9	17	0.0
17900	-0.7	60.9	17	0.0
17910	-0.8	60.9	17	1.3
17920	-1.9	60.9	17	0.7
17930	-8.4	60.9	17	-0.2
17940	-1.5	60.9	17	-1.3
17950	-0.3	60.9	17	-1.3
17960	-6.5	60.9	17	-0.7
17970	-2.4	60.9	17	-4.5
17980	-2.6	61.0	16	-5.0
17990	-7.3	61.1	16	-6.6
18000	-4.5	61.2	16	-9.8
18010	-4.1	61.3	16	-12.2
18020	-7.7	61.4	16	-14.3
18030	-5.8	61.6	16	-17.8
18040	-4.5	61.9	16	-20.7
18050	-7.9	62.1	15	-28.2
18060	-6.9	62.4	15	-32.4
18070	-5.4	62.7	15	-36.4
18080	-8.3	63.1	14	-36.4
18090	-8.5	63.5	14	-37.0
18100	-6.8	63.9	14	-40.9
18110	-8.7	64.4	13	-49.5
18120	-9.2	64.9	13	-59.1
18130	-7.2	65.5	12	-64.4
18140	-8.3	66.1	11	-69.2
18150	-9.4	66.8	11	-74.0
18160	-7.7	67.5	10	-79.0
18170	-8.0	68.3	9	-77.2
18180	-8.9	69.1	8	-80.6
18190	-7.9	69.9	8	-85.4
18200	-8.3	70.8	7	-89.7
18210	-8.4	71.7	6	-94.2
18220	-7.1	72.7	5	-98.2
18230	-7.1	73.7	4	-102.2
18240	-7.3	74.8	3	-106.4
18250	-6.9	75.8	2	-109.9
18260	-6.4	77.0	0	-113.6
18270	-7.1	78.1	-1	-116.8
18280	-6.4	79.3	-2	-120.3
18290	-5.6	80.6	-3	-123.7
18300	-5.7	81.8	-4	-126.4

18310	-5.7	83.1	-6	-129.6
18320	-5.6	84.4	-7	-132.0
18330	-4.6	85.8	-8	-134.9
18340	-6.2	87.1	-10	-136.8
18350	-5.2	88.5	-11	-140.2
18360	-4.9	89.9	-12	-142.4
18370	-4.9	91.4	-14	-144.5
18380	-5.0	92.8	-15	-146.9
18390	-4.3	94.3	-17	-148.8
18400	-4.6	95.8	-18	-151.2
18410	-4.9	97.4	-20	-152.8
18420	-3.3	98.9	-21	-155.2
18430	-3.7	100.5	-23	-156.2
18440	-3.5	102.0	-25	-157.6
18450	-2.6	103.6	-26	-158.9
18460	-2.4	105.2	-28	-159.7
18470	-2.7	106.8	-29	-160.7
18480	-2.0	108.4	-31	-161.3
18490	-1.8	110.1	-33	-161.8
18500	-3.1	111.6	-34	-139.2
18510	-26.6	112.9	-35	-134.1
18520	-24.8	113.9	-36	-95.5
18530	-8.0	114.7	-37	-79.6
18540	-10.2	115.3	-38	-55.6
18550	-16.1	115.7	-38	-43.6
18560	-7.9	116.1	-39	-30.0
18570	-1.6	116.4	-39	-27.6
18580	-4.5	116.6	-39	-19.4
18590	-4.1	116.7	-39	-16.7
18600	-0.4	116.9	-39	-11.7
18610	-0.4	116.9	-39	-7.7
18620	-1.6	117.0	-40	-6.9
18630	-0.4	117.1	-40	-4.7
18640	0.0	117.1	-40	-3.9
18650	-0.5	117.2	-40	-2.9
18660	-0.3	117.2	-40	-2.6
18670	0.1	117.2	-40	-1.8
18680	0.3	117.2	-40	-1.5
18690	0.5	117.2	-40	-1.0
18700	0.8	117.2	-40	-0.5
18710	1.4	117.2	-40	0.2
18720	12.9	117.2	-40	0.2
18730	4.9	117.2	-40	5.0
18740	0.0	117.1	-40	7.4
18750	5.8	117.0	-40	7.7
18760	5.3	116.9	-39	10.3
18770	0.9	116.8	-39	13.0
18780	4.9	116.6	-39	13.5
18790	6.2	116.5	-39	15.9
18800	1.8	116.3	-39	18.6
18810	5.8	116.0	-39	24.4
18820	7.1	115.8	-38	26.8
18830	3.1	115.5	-38	31.6

ISOK_EXERC_ER/IR_180_R_SIDE
01/07
Set #8

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	3.8	113.4	-36	26.8
10	3.7	113.1	-36	29.5
20	4.3	112.8	-35	31.9
30	4.1	112.5	-35	34.3
40	4.9	112.2	-35	36.7
50	5.3	111.8	-34	39.4
60	4.3	111.5	-34	42.3
70	4.5	111.1	-34	44.9
80	4.9	110.7	-33	38.6
90	4.5	110.2	-33	45.7
100	4.1	109.7	-32	48.1
110	4.7	109.2	-32	50.5
120	5.2	108.7	-31	52.9
130	5.2	108.1	-31	55.9
140	5.4	107.5	-30	58.8
150	5.3	106.9	-29	61.7
160	5.6	106.3	-29	64.6
170	5.7	105.6	-28	67.6
180	4.9	104.9	-27	70.5
190	4.6	104.2	-27	73.2
200	5.2	103.5	-26	75.6
210	5.3	102.7	-25	78.5
220	5.2	101.9	-24	81.1
230	5.8	101.0	-24	84.1
240	5.2	100.2	-23	86.7
250	5.8	99.3	-22	89.7
260	6.0	98.4	-21	92.9
270	5.6	97.4	-20	95.8
280	5.6	96.4	-19	98.7
290	5.2	95.4	-18	101.6
300	5.6	94.4	-17	104.3
310	5.8	93.3	-16	107.0
320	5.6	92.2	-15	109.9
330	5.7	91.1	-14	112.8
340	5.8	90.0	-13	115.5
350	6.5	88.8	-11	118.2
360	6.1	87.6	-10	121.3
370	5.8	86.3	-9	124.8
380	6.0	85.1	-8	127.5
390	5.4	83.8	-6	130.4
400	5.8	82.5	-5	133.1
410	5.3	81.1	-4	135.7
420	5.2	79.7	-2	138.4
430	5.3	78.3	-1	140.8
440	4.9	76.9	1	143.2
450	5.6	75.4	2	145.6
460	5.3	74.0	3	148.2
470	4.6	72.5	5	150.6
480	5.2	70.9	7	153.0

490	5.7	69.4	8	154.9
500	3.9	67.9	10	141.8
510	14.1	66.4	11	129.6
520	30.2	65.1	12	125.6
530	21.7	64.2	13	89.9
540	14.5	63.5	14	69.2
550	15.3	62.9	15	59.1
560	12.3	62.4	15	42.3
570	12.2	62.1	15	32.7
580	11.8	61.8	16	22.8
590	6.6	61.6	16	19.9
600	4.3	61.5	16	14.9
610	4.6	61.3	16	10.3
620	3.8	61.2	16	9.3
630	2.7	61.2	16	6.1
640	2.6	61.1	16	5.5
650	2.3	61.0	16	3.9
660	1.8	61.0	16	2.9
670	0.8	61.0	16	2.3
680	-0.1	61.0	16	1.8
690	-0.4	60.9	17	1.5
700	-0.7	60.9	17	1.3
710	-1.1	60.9	17	1.0
720	-13.3	60.9	17	-0.7
730	-7.3	61.0	16	-5.3
740	-1.6	61.0	16	-7.9
750	-7.3	61.1	16	-11.4
760	-8.9	61.3	16	-15.4
770	-5.3	61.4	16	-18.3
780	-6.9	61.7	16	-23.9
790	-8.5	61.9	16	-25.0
800	-7.2	62.2	15	-26.3
810	-8.4	62.5	15	-30.0
820	-9.2	62.9	15	-41.7
830	-8.5	63.3	14	-47.3
840	-9.4	63.8	14	-52.7
850	-10.0	64.3	13	-58.3
860	-9.8	64.9	13	-63.6
870	-9.9	65.5	12	-69.7
880	-10.4	66.1	11	-75.8
890	-11.0	66.9	11	-81.9
900	-11.1	67.7	10	-87.8
910	-11.5	68.5	9	-86.2
920	-11.4	69.4	8	-92.9
930	-12.2	70.4	7	-99.0
940	-12.3	71.4	6	-105.6
950	-11.8	72.6	5	-112.6
960	-11.4	73.7	4	-118.7
970	-11.4	75.0	2	-125.3
980	-11.3	76.3	1	-131.2
990	-11.0	77.6	0	-137.6
1000	-11.1	79.0	-2	-143.2
1010	-10.3	80.5	-3	-149.0
1020	-9.6	82.0	-5	-154.4

1030	-9.6	83.6	-6	-159.7
1040	-9.6	85.3	-8	-164.5
1050	-9.9	86.9	-9	-169.3
1060	-8.9	88.7	-11	-173.8
1070	-11.5	90.4	-13	-174.1
1080	-11.0	92.2	-15	-174.1
1090	-9.2	93.9	-16	-174.1
1100	-10.8	95.6	-18	-173.8
1110	-10.8	97.4	-20	-174.1
1120	-9.2	99.1	-22	-174.1
1130	-9.4	100.9	-23	-173.8
1140	-9.4	102.6	-25	-173.8
1150	-8.4	104.3	-27	-174.1
1160	-8.7	106.1	-29	-173.8
1170	-9.1	107.8	-30	-173.8
1180	-7.2	109.5	-32	-174.1
1190	-8.3	111.2	-34	-155.4
1200	-32.8	112.8	-35	-152.5
1210	-36.7	113.8	-36	-106.7
1220	-22.1	114.7	-37	-87.8
1230	-14.6	115.3	-38	-59.6
1240	-18.6	115.8	-38	-45.5
1250	-15.7	116.2	-39	-30.8
1260	-10.0	116.5	-39	-28.2
1270	-8.5	116.7	-39	-19.4
1280	-9.6	116.8	-39	-13.0
1290	-7.7	117.0	-40	-11.9
1300	-4.9	117.1	-40	-8.2
1310	-3.9	117.1	-40	-5.5
1320	-3.9	117.2	-40	-5.0
1330	-3.9	117.2	-40	-3.4
1340	-3.7	117.2	-40	-2.3
1350	-3.4	117.3	-40	-1.8
1360	-2.7	117.3	-40	-1.5
1370	-1.6	117.3	-40	-1.0
1380	-0.3	117.3	-40	-0.5
1390	0.4	117.3	-40	-0.2
1400	0.7	117.3	-40	-0.2
1410	0.7	117.3	-40	0.0
1420	0.8	117.3	-40	0.2
1430	3.0	117.3	-40	0.2
1440	8.4	117.3	-40	2.6
1450	1.5	117.2	-40	5.5
1460	0.4	117.1	-40	7.1
1470	4.5	117.1	-40	7.9
1480	3.5	117.0	-40	9.8
1490	2.6	116.9	-39	12.2
1500	4.1	116.8	-39	13.8
1510	3.5	116.6	-39	15.9
1520	3.4	116.5	-39	18.1
1530	4.3	116.3	-39	20.2
1540	3.5	116.1	-39	22.8
1550	3.7	115.9	-38	25.0
1560	4.3	115.6	-38	27.4

1570	3.8	115.3	-38	29.8
1580	3.9	115.1	-38	32.2
1590	4.1	114.7	-37	34.6
1600	3.5	114.4	-37	37.0
1610	3.8	114.1	-37	38.8
1620	4.1	113.7	-36	41.2
1630	3.9	113.3	-36	42.8
1640	3.5	112.9	-35	45.7
1650	3.7	112.5	-35	48.1
1660	3.9	112.0	-35	50.0
1670	3.8	111.5	-34	52.4
1680	4.1	111.0	-34	54.5
1690	3.9	110.5	-33	56.9
1700	3.8	110.0	-33	53.5
1710	4.1	109.4	-32	55.9
1720	4.2	108.9	-31	58.0
1730	4.1	108.3	-31	59.9
1740	4.5	107.7	-30	62.2
1750	4.2	107.0	-30	64.6
1760	4.3	106.4	-29	66.8
1770	4.6	105.7	-28	68.9
1780	4.5	105.0	-28	71.3
1790	4.2	104.2	-27	74.0
1800	4.5	103.5	-26	76.1
1810	4.3	102.7	-25	78.5
1820	4.2	101.9	-24	80.6
1830	4.7	101.1	-24	82.7
1840	3.9	100.2	-23	85.1
1850	4.2	99.4	-22	87.0
1860	4.6	98.5	-21	89.4
1870	4.1	97.6	-20	91.3
1880	4.1	96.6	-19	93.4
1890	3.7	95.7	-18	95.3
1900	3.4	94.7	-17	97.1
1910	3.8	93.7	-16	99.0
1920	3.8	92.7	-15	100.8
1930	3.8	91.7	-14	102.4
1940	4.1	90.7	-13	104.3
1950	4.3	89.6	-12	106.2
1960	4.5	88.5	-11	108.0
1970	4.1	87.4	-10	110.4
1980	4.1	86.3	-9	112.0
1990	4.1	85.2	-8	113.9
2000	3.8	84.0	-7	115.8
2010	4.2	82.9	-5	117.9
2020	3.9	81.7	-4	119.8
2030	4.1	80.5	-3	121.3
2040	4.5	79.2	-2	123.5
2050	4.1	78.0	-1	125.6
2060	3.9	76.7	1	127.2
2070	4.6	75.4	2	129.3
2080	4.2	74.1	3	131.5
2090	3.4	72.8	5	133.1
2100	4.1	71.4	6	134.7

2110	4.6	70.1	7	136.5
2120	3.5	68.7	9	138.4
2130	3.5	67.4	10	125.6
2140	19.9	66.0	11	131.2
2150	23.1	65.1	12	97.4
2160	12.2	64.2	13	85.1
2170	12.3	63.6	14	61.7
2180	14.5	63.0	14	54.8
2190	8.8	62.6	15	39.9
2200	7.7	62.3	15	32.2
2210	7.9	62.0	15	28.2
2220	3.8	61.8	16	20.7
2230	1.8	61.6	16	16.5
2240	2.4	61.5	16	11.7
2250	0.7	61.4	16	10.3
2260	0.0	61.3	16	7.7
2270	0.0	61.2	16	7.4
2280	0.0	61.2	16	5.0
2290	-0.4	61.1	16	3.7
2300	-1.1	61.1	16	3.7
2310	-11.3	61.1	16	2.1
2320	-7.7	61.1	16	-2.3
2330	-3.1	61.1	16	-7.1
2340	-7.5	61.2	16	-9.0
2350	-8.9	61.3	16	-13.0
2360	-6.8	61.5	16	-16.7
2370	-7.3	61.7	16	-18.9
2380	-8.8	61.9	16	-27.1
2390	-7.1	62.2	15	-31.9
2400	-7.6	62.5	15	-36.4
2410	-8.9	62.9	15	-37.2
2420	-8.8	63.3	14	-37.8
2430	-9.2	63.7	14	-42.0
2440	-11.1	64.3	13	-56.9
2450	-11.4	64.8	13	-63.0
2460	-10.7	65.4	12	-69.7
2470	-11.0	66.1	11	-76.6
2480	-12.2	66.9	11	-83.0
2490	-11.5	67.7	10	-89.7
2500	-11.7	68.5	9	-88.1
2510	-11.7	69.5	8	-94.7
2520	-12.5	70.5	7	-101.1
2530	-12.5	71.5	6	-108.3
2540	-12.3	72.7	5	-115.0
2550	-12.2	73.9	4	-121.6
2560	-12.1	75.1	2	-128.5
2570	-11.8	76.5	1	-134.7
2580	-11.4	77.9	0	-141.6
2590	-11.1	79.3	-2	-147.2
2600	-9.9	80.8	-3	-153.3
2610	-9.8	82.4	-5	-158.6
2620	-9.6	84.0	-7	-163.1
2630	-8.9	85.7	-8	-168.7
2640	-9.9	87.4	-10	-173.0

2650	-11.9	89.2	-12	-174.1
2660	-11.8	90.9	-13	-174.3
2670	-10.7	92.6	-15	-174.1
2680	-9.8	94.4	-17	-174.1
2690	-11.3	96.1	-19	-174.1
2700	-10.8	97.9	-20	-173.8
2710	-8.4	99.6	-22	-173.8
2720	-9.1	101.3	-24	-173.8
2730	-9.6	103.1	-26	-173.8
2740	-9.4	104.8	-27	-174.1
2750	-8.7	106.6	-29	-174.1
2760	-9.2	108.3	-31	-173.8
2770	-7.5	110.0	-33	-173.8
2780	-11.0	111.7	-34	-149.6
2790	-35.0	113.0	-36	-129.9
2800	-33.2	114.1	-37	-88.6
2810	-15.6	114.9	-37	-80.3
2820	-14.5	115.5	-38	-55.3
2830	-19.8	116.0	-39	-42.3
2840	-14.8	116.3	-39	-28.7
2850	-7.3	116.6	-39	-25.8
2860	-7.5	116.8	-39	-18.1
2870	-9.4	116.9	-39	-12.2
2880	-6.6	117.0	-40	-11.1
2890	-3.8	117.1	-40	-7.7
2900	-4.2	117.2	-40	-5.3
2910	-4.9	117.2	-40	-4.7
2920	-4.2	117.2	-40	-3.1
2930	-3.8	117.3	-40	-2.3
2940	-3.8	117.3	-40	-1.5
2950	-3.3	117.3	-40	-1.0
2960	-2.3	117.3	-40	-1.0
2970	-1.2	117.3	-40	-0.7
2980	-0.3	117.3	-40	-0.5
2990	0.3	117.3	-40	-0.2
3000	0.4	117.3	-40	0.0
3010	0.5	117.3	-40	0.0
3020	0.7	117.3	-40	0.0
3030	0.5	117.3	-40	0.7
3040	0.7	117.3	-40	0.7
3050	1.9	117.3	-40	0.2
3060	5.2	117.3	-40	2.3
3070	1.5	117.3	-40	3.9
3080	1.5	117.2	-40	5.0
3090	3.8	117.2	-40	5.3
3100	2.6	117.1	-40	8.5
3110	2.6	117.0	-40	10.3
3120	3.9	116.9	-39	10.9
3130	3.4	116.8	-39	11.4
3140	2.7	116.6	-39	13.3
3150	3.8	116.5	-39	14.6
3160	3.7	116.3	-39	16.5
3170	3.5	116.1	-39	18.3
3180	4.2	115.9	-38	19.9

3190	4.2	115.6	-38	22.0
3200	3.9	115.4	-38	24.2
3210	4.5	115.1	-38	26.0
3220	4.6	114.8	-37	28.2
3230	4.1	114.4	-37	37.2
3240	4.3	114.1	-37	39.4
3250	4.2	113.7	-36	42.0
3260	4.1	113.3	-36	44.7
3270	4.2	112.9	-35	46.8
3280	4.3	112.4	-35	49.7
3290	4.6	112.0	-35	52.4
3300	5.0	111.5	-34	54.8
3310	5.0	110.9	-33	57.7
3320	4.6	110.4	-33	60.4
3330	4.7	109.8	-32	57.7
3340	4.6	109.2	-32	60.1
3350	4.5	108.6	-31	62.5
3360	4.5	108.0	-31	65.2
3370	4.7	107.3	-30	67.6
3380	4.3	106.6	-29	70.0
3390	4.5	105.9	-28	72.1
3400	4.6	105.1	-28	74.2
3410	4.5	104.4	-27	76.9
3420	4.6	103.6	-26	79.3
3430	4.5	102.8	-25	81.4
3440	4.2	102.0	-25	83.8
3450	4.9	101.1	-24	85.9
3460	4.5	100.2	-23	88.3
3470	4.5	99.3	-22	90.7
3480	4.7	98.4	-21	93.1
3490	4.7	97.4	-20	95.5
3500	4.7	96.5	-19	98.2
3510	4.5	95.5	-18	100.6
3520	5.2	94.5	-17	102.7
3530	5.0	93.4	-16	105.4
3540	5.2	92.3	-15	107.8
3550	4.9	91.2	-14	110.2
3560	4.9	90.1	-13	112.6
3570	5.3	89.0	-12	114.7
3580	4.9	87.8	-10	117.6
3590	4.6	86.6	-9	120.0
3600	5.0	85.4	-8	122.4
3610	5.3	84.1	-7	125.1
3620	5.7	82.9	-5	127.5
3630	5.2	81.6	-4	130.1
3640	5.6	80.3	-3	132.8
3650	5.7	78.9	-1	135.5
3660	5.0	77.5	0	137.9
3670	5.0	76.1	1	140.2
3680	6.0	74.7	3	142.9
3690	4.5	73.3	4	145.3
3700	4.6	71.8	6	147.4
3710	5.7	70.3	7	149.8
3720	4.5	68.8	9	152.0

3730	3.8	67.3	10	138.4
3740	23.3	65.9	12	142.9
3750	27.5	64.8	13	103.5
3760	14.9	64.0	13	80.9
3770	14.9	63.3	14	56.1
3780	16.3	62.8	15	49.5
3790	10.3	62.4	15	38.6
3800	10.0	62.1	15	27.1
3810	11.4	61.8	16	23.9
3820	6.2	61.6	16	18.3
3830	4.5	61.5	16	12.5
3840	4.9	61.3	16	12.2
3850	2.6	61.2	16	8.7
3860	1.8	61.2	16	7.4
3870	2.3	61.1	16	5.3
3880	1.1	61.1	16	4.5
3890	0.0	61.0	16	2.9
3900	0.0	61.0	16	2.1
3910	-0.4	61.0	16	2.1
3920	-0.8	61.0	16	1.8
3930	-3.0	61.0	16	1.0
3940	-14.8	61.0	16	-1.5
3950	-4.1	61.0	16	-8.7
3960	-2.3	61.1	16	-10.1
3970	-10.3	61.2	16	-11.1
3980	-8.8	61.4	16	-15.4
3990	-5.3	61.6	16	-19.7
4000	-9.4	61.9	16	-27.1
4010	-10.0	62.1	15	-29.2
4020	-7.5	62.5	15	-38.3
4030	-9.8	62.8	15	-39.4
4040	-11.9	63.3	14	-40.1
4050	-10.3	63.8	14	-45.7
4060	-11.4	64.3	13	-50.8
4070	-13.6	65.0	12	-68.6
4080	-12.2	65.6	12	-76.6
4090	-12.2	66.4	11	-84.1
4100	-13.7	67.2	10	-91.3
4110	-14.2	68.1	9	-99.3
4120	-13.4	69.0	8	-98.2
4130	-14.0	70.1	7	-105.6
4140	-14.6	71.2	6	-113.4
4150	-13.4	72.4	5	-121.6
4160	-12.7	73.7	4	-128.8
4170	-12.9	75.0	2	-136.3
4180	-12.1	76.4	1	-142.6
4190	-11.5	77.9	0	-149.6
4200	-11.1	79.4	-2	-155.4
4210	-9.5	81.0	-4	-161.3
4220	-8.7	82.7	-5	-166.6
4230	-8.7	84.4	-7	-170.6
4240	-8.5	86.1	-9	-173.8
4250	-10.3	87.9	-10	-174.1
4260	-10.3	89.6	-12	-174.1

4270	-7.5	91.3	-14	-174.1
4280	-7.9	93.1	-16	-174.1
4290	-8.8	94.8	-17	-173.8
4300	-8.3	96.6	-19	-174.1
4310	-7.9	98.3	-21	-173.5
4320	-7.2	100.0	-23	-173.8
4330	-7.1	101.8	-24	-173.8
4340	-7.3	103.5	-26	-173.8
4350	-8.4	105.3	-28	-173.8
4360	-8.3	107.0	-30	-174.1
4370	-7.6	108.7	-31	-174.1
4380	-7.2	110.5	-33	-173.8
4390	-16.8	112.0	-35	-140.8
4400	-34.4	113.3	-36	-121.9
4410	-28.7	114.3	-37	-82.5
4420	-12.5	115.1	-38	-68.4
4430	-15.1	115.6	-38	-46.3
4440	-17.0	116.1	-39	-39.6
4450	-10.7	116.4	-39	-26.3
4460	-6.8	116.6	-39	-23.9
4470	-8.1	116.8	-39	-16.7
4480	-6.1	116.9	-39	-12.5
4490	-3.1	117.0	-40	-10.3
4500	-1.8	117.1	-40	-7.1
4510	-1.2	117.2	-40	-4.7
4520	-0.9	117.2	-40	-4.5
4530	-1.1	117.2	-40	-3.1
4540	-0.9	117.3	-40	-1.8
4550	-0.1	117.3	-40	-1.8
4560	0.1	117.3	-40	-1.3
4570	0.4	117.3	-40	-0.7
4580	0.7	117.3	-40	-0.5
4590	0.8	117.3	-40	0.0
4600	2.7	117.3	-40	0.2
4610	11.8	117.3	-40	2.3
4620	2.7	117.2	-40	7.4
4630	0.7	117.1	-40	9.0
4640	6.2	117.1	-40	10.3
4650	3.9	116.9	-39	11.9
4660	1.9	116.8	-39	15.7
4670	5.3	116.6	-39	17.0
4680	4.3	116.5	-39	19.7
4690	3.0	116.3	-39	22.6
4700	5.7	116.1	-39	24.7
4710	5.0	115.8	-38	27.6
4720	4.3	115.5	-38	28.2
4730	5.8	115.2	-38	27.4
4740	5.3	114.9	-37	30.0
4750	4.9	114.6	-37	32.7
4760	5.6	114.2	-37	35.4
4770	5.2	113.8	-36	37.8
4780	4.9	113.3	-36	40.1
4790	5.2	112.9	-35	42.5
4800	5.0	112.4	-35	45.2

4810	5.3	111.8	-34	47.6
4820	5.3	111.3	-34	50.0
4830	5.3	110.7	-33	52.4
4840	5.3	110.1	-33	61.2
4850	5.3	109.5	-32	63.8
4860	5.4	108.8	-31	66.8
4870	5.2	108.1	-31	69.4
4880	5.4	107.4	-30	72.6
4890	5.3	106.6	-29	75.3
4900	5.2	105.9	-28	78.2
4910	4.7	105.1	-28	80.9
4920	4.7	104.2	-27	83.3
4930	5.4	103.4	-26	85.9
4940	5.0	102.5	-25	88.6
4950	4.5	101.6	-24	91.3
4960	5.3	100.7	-23	93.7
4970	4.7	99.7	-22	96.3
4980	4.9	98.7	-21	98.7
4990	5.4	97.7	-20	101.4
5000	5.6	96.7	-19	104.0
5010	5.6	95.6	-18	106.7
5020	6.1	94.5	-17	109.4
5030	6.0	93.4	-16	112.8
5040	6.1	92.3	-15	115.8
5050	6.4	91.1	-14	118.7
5060	6.5	89.9	-12	121.9
5070	6.8	88.6	-11	125.1
5080	6.5	87.4	-10	128.5
5090	6.2	86.0	-9	132.0
5100	6.1	84.7	-7	135.2
5110	6.4	83.3	-6	137.9
5120	6.6	81.9	-4	141.0
5130	6.6	80.5	-3	144.5
5140	6.2	79.0	-2	147.7
5150	6.0	77.5	0	150.4
5160	5.8	76.0	1	153.6
5170	6.5	74.4	3	156.5
5180	5.6	72.8	5	159.4
5190	5.4	71.2	6	162.1
5200	6.8	69.6	8	164.5
5210	4.9	67.9	10	167.7
5220	12.3	66.4	11	157.0
5230	34.2	65.1	12	108.8
5240	23.6	64.1	13	93.1
5250	14.9	63.3	14	69.7
5260	16.0	62.8	15	47.6
5270	11.8	62.3	15	40.4
5280	10.0	62.0	15	30.8
5290	11.4	61.7	16	21.0
5300	6.5	61.5	16	17.8
5310	2.8	61.4	16	13.0
5320	2.8	61.3	16	9.0
5330	1.6	61.2	16	7.7
5340	0.1	61.2	16	5.0

5350	0.0	61.1	16	4.2
5360	0.0	61.1	16	2.9
5370	-0.3	61.0	16	2.3
5380	-0.7	61.0	16	1.5
5390	-0.9	61.0	16	1.5
5400	-8.4	61.0	16	0.5
5410	-8.5	61.0	16	-2.6
5420	-2.0	61.1	16	-6.1
5430	-5.8	61.2	16	-9.0
5440	-8.7	61.3	16	-12.5
5450	-6.4	61.4	16	-17.3
5460	-7.3	61.6	16	-21.5
5470	-9.5	61.8	16	-25.5
5480	-7.7	62.1	15	-30.8
5490	-8.1	62.4	15	-35.6
5500	-9.8	62.7	15	-36.7
5510	-9.6	63.2	14	-37.8
5520	-9.8	63.6	14	-42.5
5530	-11.4	64.1	13	-47.3
5540	-11.4	64.7	13	-64.4
5550	-10.8	65.4	12	-71.0
5560	-10.7	66.0	11	-77.7
5570	-11.5	66.8	11	-84.1
5580	-11.3	67.6	10	-90.7
5590	-11.1	68.5	9	-88.6
5600	-11.3	69.4	8	-95.3
5610	-11.9	70.4	7	-101.1
5620	-11.9	71.5	6	-107.8
5630	-11.9	72.6	5	-114.4
5640	-11.4	73.8	4	-120.8
5650	-11.4	75.1	2	-127.5
5660	-11.3	76.4	1	-133.3
5670	-10.7	77.8	0	-139.7
5680	-10.6	79.2	-2	-145.0
5690	-9.4	80.7	-3	-150.6
5700	-8.7	82.2	-5	-155.4
5710	-8.3	83.8	-6	-160.0
5720	-8.0	85.5	-8	-163.9
5730	-8.5	87.1	-10	-167.7
5740	-7.1	88.8	-11	-172.5
5750	-7.7	90.6	-13	-173.8
5760	-8.4	92.3	-15	-173.8
5770	-6.8	94.1	-17	-173.8
5780	-6.6	95.8	-18	-173.5
5790	-6.4	97.5	-20	-173.8
5800	-4.6	99.3	-22	-173.5
5810	-4.3	101.0	-24	-173.5
5820	-3.5	102.7	-25	-173.3
5830	-2.8	104.5	-27	-173.5
5840	-2.6	106.2	-29	-173.3
5850	-2.0	107.9	-30	-173.3
5860	-1.6	109.7	-32	-173.5
5870	-1.6	111.4	-34	-170.3
5880	-20.6	112.8	-35	-135.7

5890	-30.5	113.9	-36	-114.2
5900	-18.0	114.7	-37	-78.2
5910	-5.8	115.4	-38	-63.3
5920	-10.6	115.8	-38	-43.9
5930	-8.8	116.2	-39	-29.8
5940	-3.9	116.5	-39	-26.8
5950	-3.1	116.7	-39	-20.2
5960	-3.5	116.8	-39	-14.1
5970	-1.1	116.9	-39	-11.4
5980	0.3	117.0	-40	-7.7
5990	0.0	117.1	-40	-5.3
6000	0.1	117.1	-40	-4.7
6010	0.3	117.2	-40	-3.7
6020	0.4	117.2	-40	-2.9
6030	0.5	117.2	-40	-2.1
6040	0.9	117.2	-40	-1.3
6050	4.1	117.2	-40	-0.2
6060	4.5	117.2	-40	1.3
6070	3.1	117.2	-40	2.6
6080	4.1	117.2	-40	5.0
6090	4.7	117.1	-40	6.6
6100	4.3	117.0	-40	8.2
6110	3.9	116.9	-39	13.0
6120	4.6	116.8	-39	13.8
6130	4.1	116.6	-39	14.6
6140	3.5	116.4	-39	17.0
6150	4.2	116.2	-39	18.3
6160	4.9	116.0	-39	20.4
6170	5.3	115.8	-38	22.8
6180	5.6	115.5	-38	25.5
6190	6.0	115.2	-38	28.4
6200	6.1	114.8	-37	31.1
6210	5.8	114.5	-37	34.3
6220	5.7	114.1	-37	37.0
6230	5.2	113.6	-36	39.9
6240	5.0	113.2	-36	42.8
6250	5.2	112.7	-35	44.7
6260	5.3	112.2	-35	47.1
6270	5.3	111.6	-34	49.7
6280	5.7	111.0	-34	51.9
6290	5.8	110.4	-33	60.9
6300	5.4	109.8	-32	64.1
6310	5.6	109.1	-32	67.3
6320	5.6	108.4	-31	70.0
6330	5.6	107.7	-30	73.2
6340	5.0	106.9	-29	76.1
6350	4.7	106.2	-29	79.0
6360	5.0	105.3	-28	81.1
6370	4.9	104.5	-27	84.1
6380	5.0	103.7	-26	86.5
6390	5.4	102.8	-25	88.9
6400	5.4	101.9	-24	91.5
6410	5.4	100.9	-23	94.7
6420	4.9	100.0	-23	97.4

6430	5.3	99.0	-22	100.0
6440	5.6	97.9	-20	103.0
6450	5.8	96.9	-19	105.4
6460	5.2	95.8	-18	108.6
6470	5.3	94.7	-17	111.0
6480	6.1	93.6	-16	113.9
6490	6.4	92.4	-15	116.8
6500	6.1	91.2	-14	120.0
6510	6.0	90.0	-13	123.2
6520	6.6	88.7	-11	125.9
6530	6.4	87.5	-10	129.3
6540	6.0	86.1	-9	132.5
6550	6.1	84.8	-7	135.5
6560	6.0	83.4	-6	138.1
6570	6.1	82.0	-5	141.3
6580	6.5	80.6	-3	144.0
6590	6.6	79.1	-2	147.2
6600	6.1	77.6	0	150.4
6610	5.7	76.1	1	153.6
6620	6.6	74.5	3	156.5
6630	5.4	72.9	5	159.4
6640	5.6	71.3	6	162.1
6650	6.6	69.7	8	164.5
6660	4.3	68.0	9	167.4
6670	9.9	66.5	11	158.9
6680	32.8	65.2	12	110.4
6690	23.2	64.1	13	95.0
6700	12.9	63.4	14	71.0
6710	14.6	62.8	15	48.4
6720	11.4	62.3	15	41.7
6730	10.0	62.0	15	34.6
6740	9.8	61.7	16	24.2
6750	5.0	61.5	16	18.3
6760	1.1	61.4	16	13.5
6770	1.2	61.3	16	9.3
6780	0.7	61.2	16	7.9
6790	-0.1	61.1	16	5.0
6800	-0.5	61.1	16	5.0
6810	-0.9	61.1	16	3.4
6820	-10.4	61.0	16	1.8
6830	-7.1	61.0	16	-2.6
6840	-1.4	61.1	16	-6.1
6850	-6.8	61.2	16	-7.7
6860	-8.8	61.3	16	-11.4
6870	-5.8	61.4	16	-14.9
6880	-8.1	61.6	16	-20.4
6890	-8.8	61.8	16	-22.3
6900	-7.5	62.0	15	-24.2
6910	-8.8	62.3	15	-27.9
6920	-9.4	62.7	15	-39.1
6930	-8.1	63.1	14	-44.7
6940	-10.2	63.5	14	-45.5
6950	-11.3	64.0	13	-45.7
6960	-11.4	64.6	13	-51.1

6970	-11.5	65.2	12	-56.4
6980	-12.1	65.8	12	-62.5
6990	-12.5	66.6	11	-68.4
7000	-12.3	67.4	10	-74.2
7010	-12.7	68.3	9	-89.1
7020	-12.5	69.3	8	-96.3
7030	-12.1	70.3	7	-103.0
7040	-13.2	71.4	6	-109.9
7050	-13.0	72.5	5	-117.1
7060	-12.7	73.7	4	-124.0
7070	-13.2	75.0	2	-131.5
7080	-13.3	76.4	1	-138.4
7090	-13.0	77.8	0	-146.1
7100	-12.7	79.3	-2	-152.5
7110	-11.7	80.9	-3	-159.7
7120	-11.1	82.6	-5	-165.8
7130	-11.1	84.3	-7	-171.4
7140	-12.7	86.0	-9	-174.3
7150	-15.7	87.8	-10	-174.6
7160	-15.3	89.5	-12	-174.6
7170	-13.2	91.2	-14	-174.6
7180	-13.7	93.0	-16	-174.3
7190	-13.4	94.7	-17	-174.3
7200	-13.0	96.5	-19	-174.6
7210	-11.5	98.2	-21	-174.1
7220	-8.9	100.0	-23	-174.1
7230	-8.7	101.7	-24	-174.3
7240	-8.4	103.4	-26	-173.8
7250	-8.7	105.2	-28	-173.8
7260	-8.1	106.9	-29	-174.1
7270	-7.3	108.7	-31	-173.8
7280	-6.8	110.4	-33	-173.8
7290	-14.6	112.0	-35	-159.7
7300	-35.0	113.3	-36	-109.6
7310	-29.4	114.3	-37	-93.1
7320	-12.6	115.0	-38	-61.7
7330	-14.9	115.6	-38	-52.1
7340	-16.8	116.1	-39	-43.3
7350	-11.0	116.4	-39	-29.8
7360	-8.3	116.6	-39	-19.7
7370	-9.9	116.8	-39	-18.6
7380	-8.3	116.9	-39	-12.7
7390	-5.8	117.0	-40	-8.5
7400	-4.6	117.1	-40	-7.7
7410	-5.2	117.2	-40	-5.5
7420	-5.0	117.2	-40	-3.7
7430	-4.5	117.2	-40	-3.1
7440	-4.3	117.3	-40	-2.1
7450	-3.4	117.3	-40	-1.3
7460	-1.9	117.3	-40	-1.0
7470	-0.4	117.3	-40	-0.7
7480	0.3	117.3	-40	-0.5
7490	0.5	117.3	-40	-0.2
7500	0.8	117.3	-40	0.0

7510	0.8	117.3	-40	0.0
7520	5.3	117.3	-40	0.5
7530	8.4	117.3	-40	4.7
7540	1.8	117.2	-40	8.5
7550	2.6	117.1	-40	9.8
7560	6.4	117.0	-40	11.7
7570	4.5	116.9	-39	13.8
7580	4.6	116.7	-39	17.8
7590	7.2	116.5	-39	20.4
7600	5.0	116.3	-39	22.3
7610	5.8	116.1	-39	22.8
7620	6.9	115.8	-38	25.8
7630	5.8	115.5	-38	29.0
7640	6.6	115.1	-38	32.2
7650	7.2	114.8	-37	35.1
7660	6.4	114.3	-37	38.8
7670	6.6	113.9	-36	42.3
7680	7.3	113.4	-36	44.7
7690	6.2	112.9	-35	48.4
7700	6.6	112.3	-35	51.3
7710	7.5	111.7	-34	54.8
7720	6.6	111.1	-34	58.0
7730	7.1	110.4	-33	68.1
7740	7.3	109.7	-32	71.8
7750	6.9	108.9	-31	76.1
7760	6.9	108.1	-31	79.6
7770	7.1	107.3	-30	83.3
7780	6.8	106.4	-29	87.3
7790	6.6	105.5	-28	91.0
7800	6.4	104.6	-27	94.2
7810	6.1	103.6	-26	97.7
7820	6.6	102.6	-25	100.8
7830	6.6	101.6	-24	104.6
7840	6.4	100.5	-23	108.0
7850	6.5	99.4	-22	111.5
7860	7.1	98.3	-21	114.7
7870	7.1	97.1	-20	118.4
7880	6.6	95.9	-18	122.1
7890	6.9	94.6	-17	125.6
7900	7.1	93.4	-16	129.3
7910	6.8	92.0	-15	132.8
7920	6.9	90.7	-13	136.3
7930	6.8	89.3	-12	139.7
7940	7.2	87.9	-10	142.9
7950	6.6	86.4	-9	146.6
7960	6.9	84.9	-7	149.8
7970	6.9	83.4	-6	153.3
7980	6.8	81.8	-4	157.0
7990	7.7	80.2	-3	160.2
8000	7.7	78.6	-1	163.7
8010	6.2	76.9	1	167.4
8020	7.1	75.2	2	170.6
8030	6.9	73.5	4	174.1
8040	6.1	71.7	6	177.0

8050	8.7	70.0	7	178.1
8060	8.1	68.2	9	178.6
8070	12.6	66.4	11	186.8
8080	36.5	65.1	12	132.3
8090	28.2	64.0	13	109.6
8100	17.1	63.2	14	73.7
8110	19.4	62.6	15	55.3
8120	15.6	62.2	15	41.5
8130	12.7	61.8	16	27.6
8140	13.3	61.6	16	23.1
8150	8.5	61.4	16	18.6
8160	5.0	61.3	16	12.5
8170	4.3	61.2	16	10.1
8180	3.1	61.1	16	6.9
8190	0.9	61.0	16	5.5
8200	0.1	61.0	16	3.7
8210	0.3	61.0	16	2.3
8220	0.0	61.0	16	1.8
8230	-0.3	60.9	17	1.5
8240	-0.5	60.9	17	1.5
8250	-0.8	60.9	17	0.7
8260	-8.0	60.9	17	0.0
8270	-12.5	60.9	17	-1.8
8280	-5.0	61.0	16	-5.5
8290	-4.9	61.0	16	-7.7
8300	-11.5	61.1	16	-10.9
8310	-8.9	61.3	16	-15.9
8320	-7.2	61.5	16	-20.2
8330	-10.0	61.8	16	-29.0
8340	-8.4	62.1	15	-34.6
8350	-7.5	62.4	15	-39.4
8360	-9.4	62.8	15	-44.4
8370	-9.9	63.3	14	-50.3
8380	-9.5	63.8	14	-56.1
8390	-11.3	64.3	13	-55.9
8400	-12.1	64.9	13	-55.3
8410	-10.6	65.6	12	-61.2
8420	-11.1	66.3	11	-66.5
8430	-11.7	67.1	10	-71.8
8440	-11.1	68.0	9	-85.9
8450	-10.4	68.9	9	-92.3
8460	-10.6	69.8	8	-97.9
8470	-11.7	70.9	7	-103.8
8480	-10.7	71.9	6	-110.2
8490	-11.0	73.1	4	-116.0
8500	-11.5	74.3	3	-122.1
8510	-10.3	75.6	2	-128.0
8520	-10.3	76.9	1	-133.6
8530	-10.3	78.3	-1	-139.2
8540	-9.4	79.7	-2	-144.5
8550	-8.1	81.2	-4	-149.3
8560	-8.0	82.7	-5	-153.8
8570	-7.9	84.3	-7	-157.3
8580	-7.5	85.9	-8	-161.8

8590	-8.4	87.5	-10	-165.5
8600	-8.5	89.2	-12	-169.5
8610	-7.3	90.9	-13	-173.5
8620	-10.2	92.7	-15	-173.8
8630	-10.7	94.4	-17	-174.1
8640	-10.3	96.2	-19	-174.1
8650	-9.9	97.9	-20	-173.8
8660	-8.8	99.6	-22	-174.1
8670	-8.9	101.4	-24	-174.1
8680	-8.7	103.1	-26	-173.8
8690	-8.7	104.9	-27	-174.1
8700	-8.1	106.6	-29	-174.1
8710	-8.0	108.3	-31	-173.8
8720	-6.0	110.1	-33	-174.1
8730	-9.9	111.7	-34	-148.2
8740	-32.3	113.1	-36	-128.8
8750	-28.5	114.1	-37	-87.5
8760	-11.3	114.9	-37	-78.8
8770	-12.1	115.5	-38	-54.5
8780	-14.0	116.0	-39	-45.7
8790	-6.9	116.3	-39	-31.4
8800	-1.9	116.5	-39	-20.7
8810	-1.4	116.7	-39	-19.4
8820	-0.1	116.9	-39	-13.5
8830	0.3	117.0	-40	-10.9
8840	0.4	117.1	-40	-7.7
8850	0.8	117.1	-40	-5.5
8860	8.1	117.2	-40	-3.4
8870	6.9	117.2	-40	1.0
8880	0.8	117.1	-40	3.4
8890	3.0	117.1	-40	3.9
8900	4.9	117.1	-40	5.8
8910	2.8	117.0	-40	8.7
8920	4.3	116.9	-39	9.8
8930	6.9	116.8	-39	10.9
8940	5.0	116.6	-39	14.1
8950	5.7	116.4	-39	16.7
8960	6.6	116.2	-39	19.4
8970	5.3	116.0	-39	22.8
8980	5.4	115.7	-38	25.5
8990	6.0	115.4	-38	28.4
9000	5.7	115.1	-38	31.1
9010	5.8	114.7	-37	34.0
9020	6.4	114.3	-37	37.0
9030	6.2	113.9	-36	40.4
9040	6.5	113.4	-36	42.8
9050	6.2	112.9	-35	46.5
9060	6.0	112.4	-35	48.7
9070	6.2	111.8	-34	51.9
9080	5.3	111.2	-34	54.5
9090	5.3	110.6	-33	56.9
9100	5.2	109.9	-32	66.2
9110	4.5	109.2	-32	68.6
9120	4.9	108.5	-31	71.3

9130	5.3	107.8	-30	73.7
9140	4.9	107.0	-30	76.6
9150	5.2	106.2	-29	79.3
9160	5.7	105.4	-28	82.2
9170	5.4	104.6	-27	84.9
9180	5.4	103.7	-26	87.8
9190	5.8	102.8	-25	90.7
9200	5.6	101.9	-24	93.9
9210	5.8	100.9	-23	96.6
9220	5.8	99.9	-22	99.5
9230	6.1	98.9	-21	102.7
9240	6.5	97.8	-20	105.9
9250	6.6	96.8	-19	109.4
9260	6.4	95.6	-18	112.8
9270	6.8	94.5	-17	115.8
9280	6.8	93.3	-16	119.2
9290	6.4	92.1	-15	122.9
9300	6.2	90.8	-13	125.9
9310	6.8	89.5	-12	129.3
9320	7.1	88.2	-11	132.5
9330	6.4	86.9	-9	136.3
9340	6.4	85.5	-8	139.7
9350	6.4	84.1	-7	142.6
9360	6.5	82.6	-5	145.8
9370	6.2	81.1	-4	149.0
9380	6.6	79.6	-2	152.0
9390	6.4	78.1	-1	155.2
9400	5.4	76.5	1	158.4
9410	6.6	74.9	3	160.7
9420	5.8	73.3	4	163.9
9430	5.4	71.6	6	166.6
9440	7.1	69.9	8	169.3
9450	5.6	68.2	9	172.2
9460	9.9	66.5	11	182.6
9470	35.3	65.2	12	129.9
9480	26.4	64.1	13	108.0
9490	14.9	63.3	14	65.4
9500	18.4	62.7	15	55.6
9510	14.1	62.3	15	42.0
9520	9.5	62.0	15	31.6
9530	10.7	61.7	16	21.2
9540	7.2	61.5	16	17.8
9550	2.8	61.4	16	13.0
9560	2.4	61.3	16	9.0
9570	1.9	61.2	16	7.4
9580	0.0	61.1	16	4.7
9590	-0.1	61.1	16	4.5
9600	-0.1	61.0	16	3.7
9610	-0.5	61.0	16	2.3
9620	-1.1	61.0	16	2.1
9630	-10.7	61.0	16	0.5
9640	-6.1	61.0	16	-3.4
9650	-3.1	61.1	16	-7.1
9660	-9.5	61.2	16	-9.5

9670	-9.5	61.3	16	-14.6
9680	-6.6	61.4	16	-20.2
9690	-8.8	61.7	16	-22.0
9700	-9.9	61.9	16	-23.9
9710	-7.5	62.2	15	-34.8
9720	-8.7	62.6	15	-35.9
9730	-10.0	63.0	14	-36.4
9740	-9.2	63.4	14	-46.3
9750	-10.3	63.9	14	-46.8
9760	-12.2	64.5	13	-51.1
9770	-11.9	65.1	12	-58.0
9780	-11.5	65.8	12	-63.0
9790	-12.9	66.5	11	-68.6
9800	-12.6	67.3	10	-74.8
9810	-12.3	68.2	9	-89.9
9820	-13.0	69.2	8	-97.1
9830	-12.6	70.2	7	-103.8
9840	-13.4	71.3	6	-111.0
9850	-13.2	72.5	5	-118.7
9860	-13.2	73.7	4	-125.6
9870	-13.3	75.0	2	-133.1
9880	-12.9	76.4	1	-140.0
9890	-12.2	77.9	0	-147.4
9900	-11.7	79.4	-2	-153.6
9910	-10.0	81.0	-4	-160.0
9920	-9.4	82.6	-5	-165.3
9930	-9.2	84.3	-7	-170.1
9940	-8.9	86.0	-9	-174.1
9950	-12.1	87.8	-10	-174.3
9960	-12.7	89.5	-12	-174.1
9970	-10.2	91.3	-14	-174.3
9980	-10.4	93.0	-16	-174.1
9990	-11.1	94.7	-17	-174.1
10000	-10.7	96.5	-19	-174.6
10010	-9.6	98.2	-21	-174.1
10020	-8.1	100.0	-23	-174.1
10030	-8.0	101.7	-24	-174.3
10040	-8.3	103.5	-26	-174.1
10050	-9.2	105.2	-28	-174.1
10060	-8.9	106.9	-29	-174.3
10070	-9.1	108.7	-31	-173.8
10080	-8.7	110.4	-33	-174.1
10090	-17.6	112.0	-35	-142.4
10100	-37.0	113.3	-36	-122.7
10110	-31.3	114.3	-37	-83.3
10120	-14.4	115.1	-38	-68.9
10130	-15.9	115.6	-38	-46.5
10140	-17.9	116.0	-39	-39.6
10150	-10.7	116.4	-39	-26.6
10160	-6.6	116.6	-39	-23.9
10170	-7.6	116.8	-39	-16.7
10180	-5.7	116.9	-39	-11.1
10190	-2.3	117.0	-40	-10.1
10200	-0.8	117.1	-40	-6.9

10210	-1.2	117.1	-40	-4.7
10220	-0.1	117.2	-40	-4.5
10230	0.0	117.2	-40	-2.9
10240	0.0	117.2	-40	-2.1
10250	0.3	117.3	-40	-1.5
10260	0.5	117.3	-40	-1.0
10270	0.7	117.3	-40	-0.5
10280	1.8	117.3	-40	-0.2
10290	12.7	117.3	-40	1.0
10300	3.8	117.2	-40	6.3
10310	1.8	117.1	-40	7.1
10320	6.9	117.1	-40	8.5
10330	4.7	116.9	-39	14.1
10340	3.9	116.8	-39	15.7
10350	6.0	116.6	-39	19.7
10360	4.7	116.4	-39	23.1
10370	4.2	116.2	-39	26.0
10380	6.8	115.9	-38	28.7
10390	5.8	115.6	-38	29.5
10400	5.4	115.3	-38	29.5
10410	7.3	115.0	-38	32.2
10420	6.6	114.6	-37	35.6
10430	6.0	114.2	-37	38.8
10440	6.9	113.7	-36	42.5
10450	6.5	113.2	-36	45.2
10460	6.1	112.7	-35	48.4
10470	6.9	112.1	-35	51.3
10480	6.4	111.5	-34	54.5
10490	6.5	110.9	-33	57.7
10500	7.2	110.2	-33	67.6
10510	6.5	109.5	-32	71.6
10520	6.8	108.7	-31	75.3
10530	7.9	108.0	-31	78.8
10540	6.9	107.1	-30	83.0
10550	6.8	106.3	-29	87.0
10560	6.9	105.4	-28	90.7
10570	6.6	104.4	-27	94.2
10580	6.9	103.5	-26	97.9
10590	7.1	102.5	-25	101.4
10600	6.6	101.4	-24	105.1
10610	6.8	100.3	-23	108.6
10620	7.3	99.2	-22	112.3
10630	7.2	98.1	-21	116.0
10640	7.6	96.9	-19	119.8
10650	7.2	95.7	-18	123.7
10660	7.2	94.4	-17	127.2
10670	7.7	93.1	-16	130.9
10680	7.1	91.8	-14	134.9
10690	6.9	90.4	-13	138.4
10700	8.1	89.0	-12	142.1
10710	7.7	87.5	-10	146.1
10720	7.2	86.0	-9	150.1
10730	8.1	84.5	-7	153.8
10740	7.6	82.9	-5	157.6

10750	6.5	81.3	-4	161.3
10760	8.1	79.7	-2	164.5
10770	7.7	78.0	-1	168.5
10780	6.1	76.3	1	172.2
10790	7.9	74.6	3	175.4
10800	7.1	72.8	5	177.5
10810	7.9	71.0	6	178.6
10820	9.6	69.2	8	178.9
10830	7.3	67.5	10	161.0
10840	24.5	65.9	12	137.9
10850	37.3	64.6	13	128.8
10860	22.2	63.7	14	87.5
10870	17.5	63.0	14	64.6
10880	18.4	62.4	15	52.9
10890	13.0	62.0	15	32.4
10900	12.5	61.8	16	26.6
10910	12.1	61.5	16	20.2
10920	7.5	61.4	16	13.3
10930	5.3	61.3	16	10.6
10940	4.7	61.2	16	8.7
10950	2.6	61.1	16	5.5
10960	1.1	61.1	16	4.7
10970	1.6	61.0	16	3.1
10980	1.8	61.0	16	2.6
10990	0.3	61.0	16	1.8
11000	0.0	61.0	16	1.8
11010	-0.3	60.9	17	1.8
11020	-0.7	60.9	17	1.8
11030	-1.1	60.9	17	1.5
11040	-11.9	60.9	17	-0.2
11050	-8.1	60.9	17	-3.1
11060	-1.4	61.0	16	-8.2
11070	-7.2	61.1	16	-9.5
11080	-9.1	61.2	16	-13.3
11090	-4.6	61.4	16	-18.3
11100	-7.5	61.5	16	-19.7
11110	-10.0	61.8	16	-21.0
11120	-7.1	62.0	15	-26.0
11130	-8.7	62.3	15	-29.5
11140	-11.3	62.7	15	-40.9
11150	-8.9	63.1	14	-47.9
11160	-9.4	63.6	14	-53.5
11170	-11.7	64.1	13	-53.5
11180	-10.4	64.7	13	-53.5
11190	-9.5	65.3	12	-58.5
11200	-10.7	66.0	11	-63.3
11210	-11.5	66.8	11	-68.6
11220	-10.7	67.6	10	-73.7
11230	-11.7	68.5	9	-87.8
11240	-11.4	69.4	8	-94.7
11250	-11.1	70.4	7	-100.6
11260	-11.1	71.5	6	-107.0
11270	-10.7	72.6	5	-113.1
11280	-9.4	73.7	4	-118.4

11290	-9.2	75.0	2	-123.7
11300	-8.9	76.2	1	-128.5
11310	-8.3	77.6	0	-133.1
11320	-8.4	78.9	-1	-137.3
11330	-8.0	80.3	-3	-141.8
11340	-7.5	81.8	-4	-145.8
11350	-8.0	83.3	-6	-149.8
11360	-8.1	84.8	-7	-153.8
11370	-7.6	86.4	-9	-157.8
11380	-7.3	88.0	-11	-161.5
11390	-7.6	89.6	-12	-165.3
11400	-6.1	91.3	-14	-168.7
11410	-6.5	93.0	-16	-171.9
11420	-7.1	94.7	-17	-173.8
11430	-7.7	96.5	-19	-174.1
11440	-7.3	98.2	-21	-173.8
11450	-5.2	100.0	-23	-173.5
11460	-5.4	101.7	-24	-173.8
11470	-5.7	103.4	-26	-173.8
11480	-5.2	105.2	-28	-173.8
11490	-4.6	106.9	-29	-173.5
11500	-3.9	108.6	-31	-173.3
11510	-2.4	110.4	-33	-173.5
11520	-8.7	112.0	-35	-159.7
11530	-29.4	113.3	-36	-121.1
11540	-22.5	114.3	-37	-93.1
11550	-5.8	115.1	-38	-75.8
11560	-9.4	115.6	-38	-52.4
11570	-10.6	116.0	-39	-39.9
11580	-2.4	116.3	-39	-26.8
11590	-0.1	116.6	-39	-24.4
11600	-0.7	116.8	-39	-17.0
11610	0.4	116.9	-39	-11.4
11620	0.1	117.0	-40	-10.6
11630	0.5	117.1	-40	-7.4
11640	1.6	117.2	-40	-5.5
11650	11.8	117.2	-40	-2.6
11660	2.6	117.2	-40	1.0
11670	-0.4	117.2	-40	2.1
11680	5.4	117.1	-40	2.1
11690	3.0	117.1	-40	5.3
11700	1.8	117.0	-40	7.4
11710	6.0	117.0	-40	8.5
11720	4.9	116.9	-39	10.9
11730	4.3	116.7	-39	12.2
11740	6.0	116.6	-39	14.3
11750	4.7	116.4	-39	17.3
11760	4.1	116.2	-39	19.7
11770	5.7	116.0	-39	21.5
11780	4.9	115.7	-38	24.2
11790	4.1	115.4	-38	32.4
11800	5.8	115.1	-38	35.1
11810	5.6	114.7	-37	38.3
11820	5.3	114.4	-37	41.7

11830	6.2	114.0	-37	44.9
11840	6.1	113.5	-36	48.4
11850	5.7	113.1	-36	52.1
11860	6.0	112.6	-35	55.3
11870	5.6	112.0	-35	58.8
11880	4.9	111.5	-34	62.2
11890	5.3	110.9	-33	64.9
11900	5.3	110.3	-33	67.8
11910	5.0	109.6	-32	64.9
11920	5.7	109.0	-32	67.6
11930	5.7	108.3	-31	70.5
11940	5.6	107.5	-30	73.4
11950	5.8	106.8	-29	76.9
11960	5.7	106.0	-29	79.8
11970	5.2	105.2	-28	82.7
11980	5.0	104.3	-27	85.4
11990	5.3	103.5	-26	87.8
12000	5.3	102.6	-25	90.7
12010	5.2	101.6	-24	93.4
12020	5.4	100.7	-23	96.3
12030	5.4	99.7	-22	99.0
12040	6.0	98.7	-21	101.6
12050	5.8	97.6	-20	105.1
12060	5.8	96.6	-19	108.0
12070	5.2	95.5	-18	110.7
12080	5.3	94.3	-17	113.4
12090	5.8	93.2	-16	116.3
12100	5.3	92.0	-15	119.0
12110	4.9	90.8	-13	121.3
12120	5.6	89.6	-12	123.7
12130	5.8	88.3	-11	126.4
12140	5.2	87.0	-10	129.6
12150	5.8	85.7	-8	132.0
12160	5.6	84.4	-7	134.9
12170	5.3	83.0	-6	137.6
12180	5.3	81.6	-4	140.2
12190	6.1	80.2	-3	142.6
12200	5.8	78.7	-1	145.3
12210	4.9	77.2	0	148.2
12220	5.3	75.7	2	150.4
12230	6.2	74.2	3	153.0
12240	5.3	72.7	5	155.7
12250	5.8	71.1	6	158.4
12260	6.8	69.5	8	161.3
12270	4.6	67.9	10	164.2
12280	14.9	66.4	11	136.0
12290	33.9	65.0	12	130.1
12300	21.8	64.1	13	91.8
12310	15.7	63.4	14	69.2
12320	20.2	62.8	15	58.3
12330	14.1	62.4	15	40.9
12340	11.4	62.0	15	31.4
12350	13.7	61.7	16	26.3
12360	9.2	61.6	16	18.3

12370	5.8	61.4	16	13.8
12380	6.1	61.3	16	10.3
12390	3.9	61.2	16	7.9
12400	2.4	61.1	16	6.3
12410	2.4	61.1	16	4.7
12420	2.3	61.1	16	3.1
12430	1.5	61.0	16	2.6
12440	0.8	61.0	16	1.8
12450	-0.3	61.0	16	2.1
12460	-0.5	61.0	16	1.8
12470	-0.8	61.0	16	1.5
12480	-3.0	60.9	17	0.7
12490	-14.6	61.0	16	-1.8
12500	-3.5	61.0	16	-6.9
12510	-2.8	61.1	16	-10.6
12520	-10.3	61.2	16	-12.7
12530	-6.2	61.4	16	-18.1
12540	-5.2	61.6	16	-21.8
12550	-9.9	61.8	16	-22.6
12560	-7.5	62.0	15	-24.7
12570	-6.5	62.4	15	-28.4
12580	-10.7	62.7	15	-31.9
12590	-9.4	63.1	14	-45.2
12600	-8.1	63.6	14	-51.1
12610	-11.1	64.0	13	-51.1
12620	-11.4	64.6	13	-51.1
12630	-9.5	65.2	12	-56.1
12640	-10.4	65.9	12	-61.2
12650	-11.3	66.6	11	-66.5
12660	-10.0	67.4	10	-71.3
12670	-10.7	68.2	9	-84.6
12680	-11.0	69.1	8	-91.0
12690	-9.6	70.1	7	-96.6
12700	-10.0	71.1	6	-101.9
12710	-9.9	72.2	5	-107.8
12720	-8.5	73.3	4	-112.3
12730	-9.1	74.4	3	-117.6
12740	-8.5	75.6	2	-121.9
12750	-8.0	76.9	1	-126.4
12760	-8.4	78.2	-1	-130.9
12770	-8.7	79.5	-2	-134.9
12780	-7.3	80.9	-3	-139.2
12790	-7.2	82.3	-5	-143.2
12800	-7.5	83.8	-6	-146.6
12810	-6.6	85.3	-8	-150.6
12820	-6.5	86.8	-9	-153.6
12830	-5.4	88.4	-11	-156.8
12840	-5.7	90.0	-13	-159.2
12850	-4.2	91.6	-14	-161.5
12860	-4.5	93.2	-16	-163.7
12870	-5.2	94.9	-17	-165.0
12880	-4.2	96.5	-19	-167.7
12890	-4.3	98.2	-21	-169.3
12900	-3.8	99.9	-22	-170.9

12910	-4.2	101.6	-24	-172.7
12920	-4.3	103.4	-26	-173.5
12930	-5.0	105.1	-28	-173.8
12940	-4.6	106.9	-29	-173.8
12950	-3.8	108.6	-31	-173.5
12960	-3.0	110.3	-33	-173.5
12970	-9.2	111.9	-34	-160.7
12980	-30.5	113.2	-36	-112.6
12990	-23.6	114.3	-37	-102.4
13000	-7.9	115.0	-38	-69.4
13010	-12.9	115.6	-38	-57.5
13020	-16.0	116.0	-39	-40.4
13030	-6.0	116.3	-39	-33.0
13040	-2.4	116.6	-39	-22.3
13050	-4.3	116.7	-39	-15.4
13060	-3.4	116.9	-39	-13.0
13070	0.0	117.0	-40	-9.3
13080	0.0	117.1	-40	-6.6
13090	0.0	117.1	-40	-5.5
13100	0.0	117.2	-40	-4.7
13110	0.4	117.2	-40	-3.4
13120	0.5	117.2	-40	-2.3
13130	0.8	117.3	-40	-1.8
13140	3.1	117.3	-40	-1.0
13150	5.2	117.3	-40	1.0
13160	2.2	117.2	-40	2.6
13170	3.1	117.2	-40	3.7
13180	5.3	117.2	-40	5.0
13190	3.9	117.1	-40	7.1
13200	3.9	117.0	-40	9.0
13210	4.9	116.9	-39	13.8
13220	3.8	116.7	-39	16.2
13230	3.1	116.6	-39	18.6
13240	3.9	116.4	-39	20.7
13250	4.1	116.2	-39	22.8
13260	4.2	115.9	-38	25.2
13270	5.3	115.7	-38	27.9
13280	5.6	115.4	-38	30.6
13290	5.7	115.1	-38	34.6
13300	6.1	114.8	-37	38.0
13310	5.4	114.4	-37	41.5
13320	5.2	114.0	-37	44.4
13330	5.3	113.6	-36	47.9
13340	5.0	113.1	-36	50.8
13350	5.0	112.6	-35	54.0
13360	6.1	112.1	-35	56.7
13370	5.8	111.6	-34	60.1
13380	5.7	111.0	-34	63.6
13390	6.4	110.4	-33	67.0
13400	6.5	109.8	-32	64.4
13410	6.1	109.1	-32	68.1
13420	6.2	108.4	-31	71.6
13430	6.1	107.7	-30	75.0
13440	5.7	106.9	-29	78.2

13450	6.1	106.1	-29	81.4
13460	6.1	105.2	-28	84.3
13470	6.0	104.4	-27	87.5
13480	6.5	103.5	-26	91.0
13490	6.5	102.5	-25	94.2
13500	6.5	101.6	-24	97.9
13510	6.8	100.6	-23	101.1
13520	6.2	99.5	-22	104.6
13530	6.2	98.4	-21	108.0
13540	6.5	97.3	-20	111.2
13550	6.0	96.2	-19	114.7
13560	5.7	95.0	-18	117.9
13570	6.4	93.8	-16	120.5
13580	6.8	92.6	-15	124.0
13590	6.9	91.3	-14	127.5
13600	7.3	90.0	-13	131.2
13610	7.7	88.7	-11	134.7
13620	7.1	87.3	-10	138.7
13630	6.8	85.9	-8	142.4
13640	6.9	84.5	-7	145.6
13650	6.6	83.0	-6	148.8
13660	6.1	81.5	-4	152.0
13670	7.2	79.9	-2	155.2
13680	7.2	78.3	-1	158.6
13690	6.1	76.7	1	162.1
13700	7.5	75.1	2	165.0
13710	6.9	73.4	4	168.5
13720	5.7	71.7	6	171.9
13730	7.6	70.0	7	174.6
13740	6.5	68.2	9	177.3
13750	12.1	66.5	11	185.5
13760	36.6	65.1	12	131.5
13770	28.2	64.1	13	99.3
13780	15.6	63.3	14	64.9
13790	20.1	62.7	15	54.5
13800	15.1	62.2	15	40.9
13810	11.0	61.9	16	33.2
13820	12.3	61.7	16	22.8
13830	8.0	61.5	16	16.7
13840	3.1	61.3	16	13.5
13850	3.4	61.3	16	9.3
13860	2.4	61.2	16	7.4
13870	0.5	61.1	16	5.0
13880	0.0	61.1	16	4.2
13890	0.1	61.1	16	2.9
13900	0.0	61.0	16	2.1
13910	-0.3	61.0	16	1.8
13920	-0.5	61.0	16	1.8
13930	-0.8	61.0	16	1.0
13940	-4.5	61.0	16	0.5
13950	-12.3	61.0	16	-2.3
13960	-3.3	61.1	16	-7.1
13970	-5.7	61.2	16	-11.1
13980	-10.7	61.3	16	-14.9

13990	-6.9	61.5	16	-20.4
14000	-6.2	61.7	16	-25.0
14010	-9.2	61.9	16	-25.8
14020	-7.6	62.2	15	-27.4
14030	-6.8	62.5	15	-31.1
14040	-9.6	62.9	15	-42.5
14050	-9.1	63.4	14	-48.1
14060	-8.5	63.8	14	-53.5
14070	-11.1	64.3	13	-53.5
14080	-11.8	64.9	13	-53.2
14090	-9.6	65.5	12	-58.5
14100	-10.3	66.2	11	-63.6
14110	-10.7	67.0	10	-68.6
14120	-9.4	67.8	10	-73.2
14130	-9.5	68.7	9	-87.0
14140	-10.2	69.6	8	-92.3
14150	-9.8	70.6	7	-97.4
14160	-9.8	71.6	6	-102.7
14170	-9.9	72.6	5	-108.3
14180	-9.6	73.8	4	-113.6
14190	-9.2	74.9	3	-119.0
14200	-9.1	76.2	1	-123.5
14210	-8.0	77.4	0	-128.5
14220	-7.6	78.8	-1	-132.3
14230	-6.5	80.1	-3	-136.5
14240	-6.1	81.5	-4	-139.5
14250	-5.8	82.9	-5	-142.9
14260	-5.8	84.4	-7	-145.3
14270	-5.4	85.8	-8	-148.5
14280	-6.4	87.3	-10	-150.9
14290	-5.7	88.9	-11	-154.1
14300	-4.9	90.4	-13	-156.8
14310	-5.0	92.0	-15	-158.9
14320	-4.6	93.6	-16	-161.0
14330	-5.8	95.2	-18	-162.9
14340	-4.6	96.9	-19	-165.5
14350	-4.9	98.6	-21	-167.9
14360	-4.7	100.3	-23	-169.8
14370	-4.9	102.0	-25	-171.9
14380	-5.2	103.7	-26	-173.8
14390	-7.1	105.4	-28	-173.5
14400	-6.9	107.2	-30	-173.8
14410	-4.5	108.9	-31	-173.8
14420	-4.7	110.6	-33	-156.2
14430	-18.8	112.2	-35	-137.1
14440	-33.6	113.5	-36	-118.2
14450	-24.0	114.4	-37	-79.8
14460	-10.6	115.1	-38	-66.0
14470	-16.5	115.7	-38	-44.9
14480	-17.2	116.1	-39	-38.3
14490	-7.7	116.4	-39	-25.8
14500	-5.4	116.6	-39	-23.1
14510	-7.7	116.8	-39	-16.2
14520	-5.0	116.9	-39	-13.3

14530	-2.0	117.0	-40	-9.0
14540	-1.5	117.1	-40	-6.1
14550	-1.5	117.2	-40	-5.5
14560	-0.8	117.2	-40	-3.7
14570	0.0	117.2	-40	-2.3
14580	-0.1	117.3	-40	-2.3
14590	0.0	117.3	-40	-1.5
14600	0.4	117.3	-40	-1.0
14610	0.5	117.3	-40	-0.5
14620	0.8	117.3	-40	-0.2
14630	1.6	117.3	-40	-0.2
14640	13.0	117.3	-40	1.8
14650	4.5	117.2	-40	6.9
14660	0.8	117.1	-40	9.5
14670	7.3	117.1	-40	10.6
14680	4.5	116.9	-39	14.1
14690	1.9	116.8	-39	17.3
14700	6.1	116.6	-39	18.9
14710	5.3	116.4	-39	21.8
14720	2.7	116.2	-39	22.6
14730	6.4	116.0	-39	22.3
14740	6.6	115.7	-38	25.0
14750	4.1	115.4	-38	34.6
14760	6.8	115.0	-38	37.2
14770	6.6	114.7	-37	40.9
14780	4.9	114.3	-37	40.9
14790	6.5	113.9	-36	39.4
14800	6.9	113.4	-36	42.0
14810	4.9	112.9	-35	45.2
14820	5.7	112.4	-35	47.6
14830	6.4	111.8	-34	50.3
14840	5.2	111.3	-34	53.2
14850	6.0	110.6	-33	55.6
14860	6.2	110.0	-33	65.2
14870	5.3	109.3	-32	68.6
14880	6.1	108.6	-31	71.6
14890	6.5	107.8	-30	74.5
14900	5.3	107.1	-30	78.2
14910	5.3	106.3	-29	81.1
14920	5.3	105.4	-28	83.8
14930	4.3	104.6	-27	86.7
14940	5.0	103.7	-26	89.1
14950	6.0	102.8	-25	91.5
14960	5.3	101.8	-24	94.5
14970	6.0	100.9	-23	97.4
14980	6.0	99.9	-22	100.3
14990	5.7	98.9	-21	103.5
15000	6.4	97.8	-20	106.7
15010	6.2	96.7	-19	109.6
15020	5.7	95.6	-18	112.8
15030	6.1	94.4	-17	115.5
15040	6.4	93.3	-16	118.7
15050	5.6	92.0	-15	121.9
15060	5.7	90.8	-13	124.8

15070	6.6	89.5	-12	127.7
15080	6.6	88.2	-11	130.7
15090	6.2	86.9	-9	134.1
15100	6.4	85.5	-8	137.3
15110	6.4	84.1	-7	140.5
15120	6.2	82.7	-5	143.4
15130	5.8	81.3	-4	146.6
15140	6.5	79.8	-2	149.6
15150	6.2	78.2	-1	152.8
15160	5.2	76.7	1	155.7
15170	6.5	75.1	2	158.1
15180	6.1	73.5	4	161.3
15190	5.3	71.9	6	163.9
15200	6.9	70.2	7	166.3
15210	6.4	68.5	9	169.5
15220	6.5	66.8	11	185.0
15230	31.5	65.5	12	135.2
15240	29.8	64.4	13	93.1
15250	15.1	63.5	14	77.4
15260	18.2	62.9	15	58.5
15270	16.7	62.4	15	40.1
15280	8.8	62.0	15	33.5
15290	9.4	61.8	16	25.2
15300	8.8	61.6	16	17.3
15310	4.2	61.4	16	14.3
15320	2.4	61.3	16	10.6
15330	2.0	61.2	16	7.4
15340	0.1	61.1	16	5.8
15350	0.0	61.1	16	4.7
15360	0.0	61.1	16	3.7
15370	0.0	61.0	16	2.9
15380	-0.3	61.0	16	2.1
15390	-0.7	61.0	16	1.5
15400	-1.5	61.0	16	1.3
15410	-9.5	61.0	16	-0.5
15420	-4.6	61.0	16	-3.7
15430	-3.4	61.1	16	-5.8
15440	-8.5	61.1	16	-8.7
15450	-6.6	61.2	16	-13.3
15460	-4.7	61.4	16	-17.3
15470	-7.7	61.6	16	-18.6
15480	-7.1	61.8	16	-19.9
15490	-4.9	62.0	15	-23.4
15500	-7.6	62.3	15	-25.8
15510	-8.5	62.6	15	-36.2
15520	-7.1	63.0	14	-41.2
15530	-9.2	63.4	14	-41.5
15540	-10.7	63.8	14	-41.7
15550	-9.1	64.3	13	-46.8
15560	-9.5	64.9	13	-51.3
15570	-10.2	65.5	12	-55.9
15580	-8.5	66.2	11	-60.9
15590	-8.9	66.9	11	-65.2
15600	-10.0	67.6	10	-69.2

15610	-9.5	68.5	9	-82.2
15620	-9.6	69.4	8	-87.8
15630	-10.8	70.3	7	-92.9
15640	-11.4	71.2	6	-98.7
15650	-9.9	72.3	5	-105.4
15660	-10.6	73.4	4	-110.4
15670	-10.7	74.5	3	-116.6
15680	-9.1	75.7	2	-121.9
15690	-9.6	77.0	0	-126.9
15700	-10.2	78.3	-1	-132.0
15710	-8.9	79.6	-2	-137.1
15720	-8.4	81.1	-4	-141.6
15730	-9.1	82.5	-5	-146.1
15740	-8.8	84.0	-7	-150.6
15750	-7.7	85.5	-8	-155.4
15760	-9.2	87.1	-10	-159.2
15770	-8.0	88.8	-11	-163.9
15780	-6.9	90.4	-13	-167.9
15790	-6.8	92.1	-15	-170.9
15800	-6.9	93.9	-16	-173.8
15810	-9.1	95.6	-18	-173.8
15820	-8.4	97.3	-20	-174.1
15830	-6.8	99.1	-22	-173.8
15840	-7.5	100.8	-23	-173.8
15850	-8.0	102.6	-25	-173.8
15860	-6.9	104.3	-27	-174.3
15870	-7.3	106.0	-29	-174.1
15880	-8.0	107.8	-30	-174.1
15890	-6.0	109.5	-32	-174.1
15900	-6.6	111.2	-34	-172.2
15910	-28.9	112.7	-35	-140.2
15920	-32.7	113.9	-36	-117.6
15930	-18.3	114.7	-37	-80.6
15940	-12.2	115.4	-38	-66.0
15950	-18.8	115.8	-38	-46.3
15960	-15.6	116.2	-39	-35.1
15970	-5.7	116.5	-39	-23.1
15980	-5.6	116.7	-39	-21.2
15990	-8.1	116.9	-39	-14.9
16000	-4.5	117.0	-40	-12.2
16010	-1.9	117.1	-40	-8.2
16020	-1.8	117.1	-40	-5.5
16030	-1.4	117.2	-40	-5.3
16040	0.0	117.2	-40	-3.4
16050	0.0	117.3	-40	-2.1
16060	0.0	117.3	-40	-2.1
16070	0.0	117.3	-40	-1.3
16080	0.4	117.3	-40	-0.7
16090	0.7	117.3	-40	-0.7
16100	0.8	117.3	-40	-0.2
16110	7.5	117.3	-40	0.5
16120	8.9	117.3	-40	3.7
16130	1.2	117.2	-40	7.1
16140	3.4	117.1	-40	8.5

16150	7.5	117.0	-40	9.8
16160	2.2	116.9	-39	12.7
16170	2.8	116.7	-39	15.7
16180	7.6	116.6	-39	15.7
16190	2.7	116.4	-39	19.1
16200	2.7	116.1	-39	20.4
16210	7.3	115.9	-38	22.0
16220	3.8	115.6	-38	30.8
16230	3.1	115.3	-38	30.3
16240	7.5	115.0	-38	35.9
16250	5.0	114.7	-37	39.4
16260	3.8	114.3	-37	42.8
16270	6.9	113.9	-36	45.2
16280	5.2	113.4	-36	48.9
16290	3.4	113.0	-36	51.9
16300	6.1	112.5	-35	54.0
16310	5.3	112.0	-35	57.5
16320	3.7	111.4	-34	60.4
16330	5.8	110.8	-33	62.8
16340	5.8	110.2	-33	66.0
16350	3.9	109.6	-32	63.3
16360	5.7	109.0	-32	65.7
16370	5.8	108.3	-31	68.4
16380	4.5	107.6	-30	71.3
16390	5.7	106.9	-29	74.0
16400	5.7	106.1	-29	76.9
16410	4.5	105.3	-28	79.8
16420	5.3	104.5	-27	82.2
16430	5.7	103.6	-26	85.1
16440	5.3	102.8	-25	88.1
16450	5.8	101.9	-24	91.0
16460	6.0	100.9	-23	93.9
16470	5.0	100.0	-23	96.9
16480	5.8	99.0	-22	99.5
16490	6.2	98.0	-21	102.7
16500	6.0	96.9	-19	105.6
16510	5.8	95.8	-18	109.1
16520	6.0	94.7	-17	111.8
16530	6.0	93.6	-16	115.0
16540	6.1	92.4	-15	117.9
16550	6.1	91.2	-14	120.8
16560	5.8	90.0	-13	124.0
16570	6.6	88.7	-11	126.7
16580	6.4	87.4	-10	129.9
16590	5.7	86.1	-9	133.1
16600	6.4	84.7	-7	136.0
16610	6.2	83.4	-6	138.7
16620	5.3	81.9	-4	142.1
16630	6.2	80.5	-3	144.8
16640	6.6	79.0	-2	147.4
16650	5.4	77.5	0	150.4
16660	5.3	76.0	1	153.0
16670	6.9	74.5	3	156.0
16680	4.9	72.9	5	158.9

16690	5.2	71.3	6	161.3
16700	7.3	69.6	8	163.7
16710	4.6	68.0	9	166.9
16720	11.7	66.4	11	140.5
16730	34.0	65.1	12	134.7
16740	22.9	64.1	13	94.7
16750	13.2	63.3	14	71.0
16760	19.4	62.7	15	59.6
16770	14.4	62.3	15	41.7
16780	7.9	62.0	15	31.6
16790	10.0	61.7	16	26.6
16800	6.9	61.5	16	18.6
16810	1.8	61.4	16	13.5
16820	1.6	61.3	16	11.4
16830	1.5	61.2	16	7.7
16840	-0.3	61.1	16	6.3
16850	0.0	61.1	16	4.5
16860	-0.3	61.0	16	3.1
16870	-0.5	61.0	16	2.3
16880	-1.1	61.0	16	1.8
16890	-8.0	61.0	16	0.7
16900	-4.3	61.0	16	-1.8
16910	-1.9	61.0	16	-4.5
16920	-8.4	61.1	16	-5.8
16930	-6.6	61.1	16	-10.3
16940	-5.0	61.3	16	-14.6
16950	-8.5	61.4	16	-17.5
16960	-7.7	61.6	16	-22.6
16970	-5.3	61.9	16	-26.6
16980	-7.9	62.1	15	-27.4
16990	-8.7	62.4	15	-28.2
17000	-6.9	62.8	15	-32.4
17010	-8.7	63.1	14	-35.9
17020	-10.3	63.6	14	-49.2
17030	-9.2	64.1	13	-55.3
17040	-10.0	64.6	13	-59.9
17050	-10.7	65.2	12	-66.5
17060	-9.2	65.9	12	-72.9
17070	-9.8	66.6	11	-78.8
17080	-10.4	67.3	10	-84.3
17090	-9.6	68.1	9	-90.2
17100	-9.8	69.0	8	-87.5
17110	-10.4	69.9	8	-92.9
17120	-11.4	70.9	7	-98.5
17130	-9.8	71.9	6	-104.6
17140	-10.0	73.0	4	-109.9
17150	-10.8	74.2	3	-115.2
17160	-9.2	75.4	2	-120.8
17170	-9.2	76.6	1	-125.9
17180	-9.4	77.9	0	-131.2
17190	-8.5	79.3	-2	-135.7
17200	-7.6	80.6	-3	-140.5
17210	-7.7	82.1	-5	-144.0
17220	-7.7	83.5	-6	-148.2

17230	-6.9	85.1	-8	-152.0
17240	-7.3	86.6	-9	-155.2
17250	-6.6	88.2	-11	-158.6
17260	-6.4	89.8	-12	-162.1
17270	-5.0	91.4	-14	-165.3
17280	-6.2	93.1	-16	-167.4
17290	-6.2	94.8	-17	-170.1
17300	-5.4	96.5	-19	-173.0
17310	-6.8	98.3	-21	-174.1
17320	-7.1	100.0	-23	-173.5
17330	-6.1	101.7	-24	-174.1
17340	-5.6	103.5	-26	-173.8
17350	-6.8	105.2	-28	-173.5
17360	-6.4	107.0	-30	-173.8
17370	-5.0	108.7	-31	-173.8
17380	-4.3	110.4	-33	-173.5
17390	-13.4	112.0	-35	-158.9
17400	-33.2	113.3	-36	-109.1
17410	-26.7	114.3	-37	-92.1
17420	-10.0	115.0	-38	-62.2
17430	-14.8	115.6	-38	-51.6
17440	-18.3	116.0	-39	-35.4
17450	-8.9	116.3	-39	-29.2
17460	-4.7	116.6	-39	-19.7
17470	-7.9	116.8	-39	-18.1
17480	-6.2	116.9	-39	-12.7
17490	-2.6	117.0	-40	-8.2
17500	-2.0	117.1	-40	-7.7
17510	-3.0	117.1	-40	-5.3
17520	-2.4	117.2	-40	-3.7
17530	-1.5	117.2	-40	-3.1
17540	-1.8	117.2	-40	-2.6
17550	-1.6	117.2	-40	-1.8
17560	-0.4	117.3	-40	-0.7
17570	0.1	117.3	-40	-0.5
17580	0.4	117.3	-40	-0.2
17590	0.7	117.3	-40	0.0
17600	0.8	117.3	-40	0.0
17610	1.2	117.3	-40	0.0
17620	10.0	117.3	-40	1.3
17630	3.5	117.2	-40	5.8
17640	-0.3	117.2	-40	7.4
17650	4.2	117.1	-40	7.9
17660	3.3	117.0	-40	9.5
17670	1.8	116.9	-39	11.9
17680	4.7	116.8	-39	13.3
17690	4.3	116.6	-39	15.4
17700	2.4	116.5	-39	16.5
17710	4.7	116.3	-39	16.2
17720	5.4	116.1	-39	18.3
17730	3.3	115.9	-38	20.7
17740	4.5	115.6	-38	23.1
17750	5.2	115.4	-38	25.0
17760	3.8	115.1	-38	27.4