

ISOK\_ASSES\_DIAG\_60\_R\_SIDE

20/07

Set #1

TIME mSec	TORQUE N-M	POSITION Degrees	POS (ANAT) Degrees	VELOCITY DEG/SEC
0	0.0	189.2	-1	0.0
10	1.9	189.2	-1	0.7
20	1.8	189.2	-1	0.5
30	1.6	189.2	-1	0.5
40	17.8	189.2	-1	1.5
50	20.7	189.2	-1	1.8
60	29.3	189.2	-1	4.2
70	35.3	189.1	-1	8.2
80	34.2	189.0	-1	13.3
90	28.2	188.8	0	18.1
100	22.2	188.6	0	21.8
110	21.6	188.4	0	23.6
120	27.4	188.2	0	25.8
130	35.0	187.9	1	29.2
140	39.1	187.6	1	34.8
150	38.0	187.3	1	41.5
160	32.8	186.8	2	47.9
170	27.4	186.4	2	52.7
180	26.3	185.9	3	51.1
190	30.2	185.3	3	53.7
200	36.5	184.8	4	58.0
210	40.8	184.2	4	60.6
220	43.5	183.6	5	60.6
230	44.2	183.0	5	60.9
240	43.3	182.3	6	60.4
250	42.3	181.7	7	60.4
260	41.6	181.1	7	60.4
270	42.4	180.5	8	60.1
280	43.7	179.9	9	60.6
290	45.2	179.3	9	60.6
300	46.0	178.7	10	60.9
310	46.2	178.1	10	60.9
320	45.3	177.5	11	60.6
330	44.9	176.9	12	60.6
340	44.3	176.3	12	60.6
350	44.7	175.7	13	60.6
360	45.4	175.1	13	60.6
370	46.5	174.5	14	60.6
380	46.8	173.9	15	60.6
390	46.5	173.2	15	60.6
400	45.8	172.6	16	60.4
410	45.4	172.0	16	60.4
420	45.4	171.4	17	60.6
430	46.1	170.8	18	60.6
440	46.9	170.2	18	60.6
450	48.0	169.6	19	60.9
460	48.5	169.0	19	60.4
470	48.0	168.4	20	60.6

480	46.9	167.8	21	60.4
490	45.6	167.2	21	60.4
500	45.0	166.6	22	60.6
510	44.9	166.0	22	60.6
520	45.7	165.4	23	60.6
530	46.1	164.8	24	60.6
540	46.5	164.1	24	60.6
550	45.7	163.5	25	60.4
560	44.7	162.9	26	60.6
570	43.7	162.3	26	60.4
580	43.4	161.7	27	60.4
590	43.1	161.1	27	60.4
600	43.4	160.5	28	60.4
610	42.8	159.9	29	60.4
620	42.6	159.3	29	60.4
630	41.1	158.7	30	60.1
640	39.9	158.1	30	60.4
650	38.2	157.5	31	60.1
660	37.7	156.9	32	60.1
670	37.2	156.3	32	60.1
680	37.4	155.7	33	60.1
690	36.9	155.1	33	60.4
700	35.8	154.5	34	60.1
710	34.6	153.9	35	59.9
720	33.4	153.3	35	59.9
730	32.1	152.7	36	59.6
740	30.9	152.1	36	59.9
750	30.1	151.5	37	59.3
760	28.9	150.9	38	59.3
770	28.1	150.3	38	59.6
780	26.8	149.7	39	59.6
790	26.6	149.1	39	59.3
800	26.6	148.5	40	59.6
810	27.5	147.9	41	59.3
820	28.5	147.3	41	59.9
830	28.6	146.7	42	59.9
840	29.0	146.1	42	59.6
850	28.5	145.5	43	59.6
860	28.2	144.9	44	59.6
870	27.4	144.3	44	59.6
880	27.4	143.7	45	59.6
890	26.8	143.1	45	59.6
900	27.0	142.5	46	59.3
910	26.4	142.0	46	59.6
920	26.4	141.4	47	59.6
930	26.2	140.8	48	59.3
940	26.3	140.2	48	59.6
950	26.4	139.6	49	59.6
960	26.8	139.0	49	59.6
970	26.8	138.4	50	59.6
980	26.6	137.8	51	59.6
990	26.6	137.2	51	59.6
1000	25.6	136.6	52	59.6
1010	25.4	136.0	52	59.6

1020	24.8	135.4	53	59.6
1030	25.1	134.8	54	59.6
1040	25.2	134.2	54	59.3
1050	25.1	133.6	55	59.6
1060	25.0	133.0	55	59.6
1070	24.7	132.4	56	59.6
1080	24.8	131.8	57	59.6
1090	24.5	131.2	57	59.3
1100	24.8	130.6	58	59.6
1110	24.8	130.0	58	59.3
1120	25.0	129.4	59	59.3
1130	24.4	128.8	60	59.6
1140	24.0	128.3	60	59.6
1150	23.3	127.7	61	59.6
1160	22.9	127.1	61	59.3
1170	22.6	126.5	62	59.6
1180	22.1	125.9	63	59.6
1190	21.8	125.3	63	59.6
1200	21.6	124.7	64	59.6
1210	21.8	124.1	64	59.3
1220	21.8	123.5	65	59.3
1230	21.8	122.9	66	59.6
1240	21.4	122.3	66	59.6
1250	21.7	121.7	67	59.3
1260	21.8	121.1	67	59.3
1270	22.0	120.5	68	59.6
1280	22.0	119.9	69	59.6
1290	21.6	119.3	69	59.6
1300	21.3	118.7	70	59.3
1310	20.9	118.1	70	59.6
1320	21.2	117.5	71	59.6
1330	21.8	116.9	72	59.6
1340	23.2	116.3	72	59.6
1350	23.3	115.8	73	59.6
1360	23.3	115.2	73	59.9
1370	22.6	114.6	74	59.6
1380	22.2	114.0	74	59.6
1390	22.4	113.4	75	59.6
1400	22.4	112.8	76	59.9
1410	22.8	112.2	76	59.9
1420	22.5	111.6	77	59.6
1430	22.4	111.0	77	59.6
1440	21.6	110.4	78	59.6
1450	21.2	109.8	79	59.9
1460	20.5	109.2	79	59.6
1470	20.3	108.6	80	59.6
1480	20.2	108.0	80	59.6
1490	20.3	107.4	81	59.9
1500	20.2	106.8	82	59.6
1510	20.3	106.2	82	59.6
1520	20.3	105.6	83	59.3
1530	20.2	105.0	83	59.6
1540	20.6	104.4	84	59.9
1550	20.5	103.8	85	59.9

1560	20.6	103.2	85	59.9
1570	20.2	102.6	86	59.6
1580	19.7	102.0	86	59.9
1590	19.3	101.4	87	59.9
1600	19.4	100.8	88	59.9
1610	19.7	100.2	88	59.6
1620	19.5	99.6	89	59.9
1630	19.8	99.0	89	59.6
1640	19.7	98.4	90	59.6
1650	20.1	97.8	91	59.6
1660	20.1	97.2	91	59.6
1670	20.1	96.6	92	59.9
1680	19.5	96.0	92	59.9
1690	19.7	95.4	93	59.9
1700	19.5	94.8	94	59.9
1710	19.9	94.2	94	60.1
1720	20.2	93.6	95	59.9
1730	20.3	93.0	95	59.9
1740	20.3	92.4	96	60.1
1750	20.1	91.8	97	59.9
1760	20.1	91.2	97	60.1
1770	19.8	90.7	98	59.9
1780	19.9	90.1	98	60.1
1790	19.9	89.5	99	59.9
1800	20.1	88.9	100	59.9
1810	19.4	88.3	100	59.9
1820	19.1	87.7	101	59.9
1830	18.6	87.1	101	59.9
1840	18.3	86.5	102	59.9
1850	17.9	85.9	103	59.9
1860	17.8	85.3	103	60.1
1870	17.5	84.7	104	59.9
1880	17.6	84.1	104	59.9
1890	17.8	83.5	105	60.1
1900	17.6	82.9	106	60.1
1910	17.8	82.3	106	59.9
1920	17.2	81.7	107	59.9
1930	17.0	81.1	107	59.9
1940	16.4	80.5	108	60.1
1950	16.1	79.9	109	59.9
1960	15.3	79.3	109	59.9
1970	15.2	78.7	110	59.6
1980	14.5	78.1	110	59.9
1990	14.2	77.5	111	59.9
2000	13.8	76.9	112	59.9
2010	13.4	76.3	112	59.9
2020	13.6	75.7	113	59.9
2030	13.6	75.1	113	59.9
2040	13.7	74.5	114	59.9
2050	13.3	73.9	115	59.6
2060	13.0	73.3	115	59.9
2070	12.1	72.7	116	59.6
2080	11.5	72.1	116	59.6
2090	10.8	71.5	117	59.6

2100	11.0	70.9	118	59.6
2110	11.1	70.3	118	59.3
2120	11.5	69.7	119	59.9
2130	11.8	69.1	119	59.6
2140	11.9	68.5	120	59.6
2150	12.3	67.9	121	59.6
2160	11.8	67.3	121	59.6
2170	10.8	66.7	122	59.6
2180	9.6	66.2	122	51.3
2190	14.2	65.6	123	51.6
2200	19.9	65.3	123	38.6
2210	22.9	64.9	124	28.4
2220	21.2	64.6	124	28.2
2230	17.5	64.4	124	20.4
2240	13.4	64.3	124	17.8
2250	11.0	64.1	124	12.7
2260	9.8	64.0	124	11.7
2270	8.5	63.9	125	8.2
2280	6.1	63.9	125	5.8
2290	-3.4	63.8	125	5.5
2300	-3.8	63.8	125	4.5
2310	-3.8	63.7	125	3.7
2320	-4.5	63.7	125	2.9
2330	-9.2	63.7	125	2.1
2340	-15.7	63.7	125	-0.7
2350	-18.3	63.7	125	-3.4
2360	-19.8	63.8	125	-8.5
2370	-18.6	63.9	125	-17.3
2380	-16.1	64.1	124	-23.1
2390	-16.0	64.4	124	-28.7
2400	-18.4	64.7	124	-34.0
2410	-21.8	65.0	123	-40.7
2420	-23.5	65.5	123	-48.1
2430	-23.5	66.0	122	-55.9
2440	-23.6	66.5	122	-62.2
2450	-28.1	67.1	121	-56.9
2460	-34.4	67.7	121	-57.5
2470	-40.0	68.2	120	-59.1
2480	-42.7	68.8	120	-59.3
2490	-43.1	69.4	119	-59.3
2500	-43.0	70.0	118	-59.3
2510	-43.4	70.6	118	-59.3
2520	-45.8	71.2	117	-59.6
2530	-48.8	71.8	117	-59.9
2540	-51.8	72.4	116	-60.1
2550	-53.8	73.0	115	-60.1
2560	-54.8	73.6	115	-60.1
2570	-55.1	74.2	114	-60.1
2580	-54.9	74.8	114	-60.1
2590	-55.3	75.4	113	-60.1
2600	-55.7	76.0	112	-60.1
2610	-55.9	76.6	112	-60.1
2620	-55.6	77.2	111	-60.1
2630	-55.2	77.8	111	-60.1

2640	-55.3	78.4	110	-60.1
2650	-55.6	79.0	109	-59.9
2660	-55.6	79.6	109	-60.1
2670	-55.3	80.2	108	-60.1
2680	-54.5	80.8	108	-60.1
2690	-53.7	81.4	107	-59.9
2700	-53.2	82.0	106	-60.1
2710	-52.9	82.6	106	-60.1
2720	-52.9	83.2	105	-60.1
2730	-53.2	83.8	105	-60.1
2740	-53.3	84.4	104	-60.1
2750	-53.0	85.0	103	-60.1
2760	-52.6	85.6	103	-60.1
2770	-52.3	86.2	102	-59.9
2780	-52.5	86.8	102	-60.1
2790	-52.6	87.4	101	-60.4
2800	-53.0	88.0	100	-60.1
2810	-53.6	88.6	100	-59.9
2820	-54.2	89.2	99	-60.1
2830	-54.2	89.8	99	-60.4
2840	-54.5	90.4	98	-60.4
2850	-55.1	91.0	97	-60.1
2860	-55.9	91.6	97	-59.9
2870	-56.1	92.2	96	-60.1
2880	-56.5	92.8	96	-60.4
2890	-57.1	93.4	95	-60.1
2900	-57.9	94.0	94	-60.1
2910	-58.9	94.6	94	-59.9
2920	-59.8	95.3	93	-60.1
2930	-60.5	95.9	93	-60.4
2940	-61.0	96.5	92	-60.1
2950	-61.7	97.1	91	-59.9
2960	-61.8	97.7	91	-60.4
2970	-61.3	98.3	90	-60.4
2980	-61.0	98.9	90	-60.4
2990	-61.2	99.5	89	-60.4
3000	-61.8	100.1	88	-60.4
3010	-62.9	100.7	88	-60.6
3020	-63.7	101.3	87	-60.6
3030	-64.7	101.9	87	-60.9
3040	-64.8	102.5	86	-60.6
3050	-64.3	103.1	85	-60.6
3060	-63.5	103.7	85	-60.6
3070	-62.8	104.3	84	-60.6
3080	-62.5	104.9	84	-60.4
3090	-62.6	105.5	83	-60.9
3100	-63.2	106.1	82	-60.6
3110	-63.6	106.7	82	-60.6
3120	-64.3	107.4	81	-60.6
3130	-64.7	108.0	80	-60.9
3140	-65.2	108.6	80	-61.2
3150	-65.4	109.2	79	-61.2
3160	-65.8	109.8	79	-60.9
3170	-65.5	110.4	78	-60.9

3180	-65.2	111.0	77	-60.9
3190	-64.8	111.6	77	-60.9
3200	-64.8	112.2	76	-60.6
3210	-65.2	112.8	76	-60.6
3220	-66.0	113.4	75	-60.6
3230	-66.3	114.1	74	-60.9
3240	-66.6	114.7	74	-60.6
3250	-66.6	115.3	73	-60.6
3260	-66.3	115.9	73	-60.9
3270	-65.6	116.5	72	-61.2
3280	-65.5	117.1	71	-60.9
3290	-65.6	117.7	71	-60.9
3300	-66.3	118.3	70	-60.9
3310	-66.7	118.9	70	-61.2
3320	-66.9	119.5	69	-61.4
3330	-67.1	120.2	68	-61.2
3340	-67.7	120.8	68	-60.9
3350	-68.5	121.4	67	-61.2
3360	-69.2	122.0	66	-61.2
3370	-69.3	122.6	66	-61.2
3380	-69.3	123.2	65	-61.4
3390	-69.0	123.8	65	-61.4
3400	-69.0	124.4	64	-61.2
3410	-69.3	125.1	63	-61.4
3420	-69.4	125.7	63	-61.4
3430	-69.7	126.3	62	-61.2
3440	-69.7	126.9	62	-61.2
3450	-69.4	127.5	61	-61.4
3460	-68.7	128.1	60	-60.9
3470	-68.2	128.7	60	-60.9
3480	-67.9	129.3	59	-61.2
3490	-67.9	130.0	58	-61.2
3500	-67.8	130.6	58	-60.6
3510	-67.7	131.2	57	-60.9
3520	-67.4	131.8	57	-60.6
3530	-67.1	132.4	56	-60.9
3540	-67.0	133.0	55	-60.9
3550	-66.7	133.6	55	-60.9
3560	-66.3	134.2	54	-60.9
3570	-65.8	134.8	54	-61.2
3580	-64.8	135.4	53	-61.2
3590	-64.3	136.0	52	-60.9
3600	-64.5	136.7	52	-60.9
3610	-65.2	137.3	51	-61.2
3620	-66.3	137.9	51	-61.2
3630	-67.8	138.5	50	-60.9
3640	-68.2	139.1	49	-60.9
3650	-68.5	139.7	49	-60.9
3660	-67.7	140.3	48	-60.9
3670	-66.4	140.9	48	-60.9
3680	-65.2	141.5	47	-61.2
3690	-64.7	142.2	46	-60.9
3700	-65.0	142.8	46	-61.2
3710	-65.6	143.4	45	-61.2

3720	-66.4	144.0	44	-60.9
3730	-67.0	144.6	44	-61.4
3740	-66.7	145.2	43	-61.2
3750	-65.6	145.8	43	-61.2
3760	-64.4	146.4	42	-61.2
3770	-63.6	147.1	41	-60.9
3780	-63.5	147.7	41	-60.9
3790	-64.0	148.3	40	-60.6
3800	-64.4	148.9	40	-60.6
3810	-64.7	149.5	39	-60.6
3820	-64.4	150.1	38	-60.6
3830	-63.9	150.7	38	-60.6
3840	-63.1	151.3	37	-60.9
3850	-62.2	151.9	37	-60.6
3860	-61.4	152.5	36	-60.9
3870	-61.2	153.1	35	-60.6
3880	-60.7	153.7	35	-60.9
3890	-60.7	154.4	34	-60.6
3900	-60.5	155.0	33	-60.9
3910	-60.3	155.6	33	-60.9
3920	-60.2	156.2	32	-60.6
3930	-59.7	156.8	32	-60.6
3940	-59.4	157.4	31	-60.4
3950	-59.3	158.0	30	-60.4
3960	-59.9	158.6	30	-60.4
3970	-59.9	159.2	29	-60.9
3980	-59.9	159.8	29	-60.9
3990	-60.1	160.4	28	-60.6
4000	-59.8	161.0	27	-60.6
4010	-58.7	161.6	27	-60.9
4020	-57.2	162.3	26	-60.9
4030	-55.9	162.9	26	-60.6
4040	-54.9	163.5	25	-60.6
4050	-54.0	164.1	24	-60.4
4060	-53.4	164.7	24	-60.6
4070	-53.0	165.3	23	-60.4
4080	-53.0	165.9	23	-60.4
4090	-52.7	166.5	22	-60.1
4100	-52.7	167.1	21	-60.1
4110	-52.2	167.7	21	-59.9
4120	-51.7	168.3	20	-59.9
4130	-51.0	168.9	20	-59.6
4140	-50.2	169.5	19	-59.9
4150	-49.0	170.1	18	-59.9
4160	-48.1	170.7	18	-60.1
4170	-47.6	171.3	17	-59.9
4180	-48.1	171.9	17	-59.6
4190	-48.3	172.5	16	-59.9
4200	-48.4	173.1	15	-60.1
4210	-48.1	173.7	15	-60.4
4220	-47.2	174.3	14	-59.9
4230	-45.7	174.9	14	-59.9
4240	-44.1	175.5	13	-59.9
4250	-42.7	176.1	12	-59.9

4260	-41.8	176.7	12	-59.6
4270	-41.2	177.3	11	-59.9
4280	-41.1	177.9	11	-59.6
4290	-41.0	178.5	10	-59.6
4300	-40.8	179.1	9	-59.6
4310	-39.5	179.7	9	-59.6
4320	-37.7	180.3	8	-59.3
4330	-35.8	180.9	8	-59.6
4340	-34.6	181.5	7	-59.3
4350	-34.3	182.0	6	-59.1
4360	-34.6	182.6	6	-59.3
4370	-34.3	183.2	5	-59.3
4380	-33.9	183.8	5	-59.3
4390	-32.5	184.4	4	-59.1
4400	-30.5	185.0	3	-59.3
4410	-27.4	185.6	3	-59.1
4420	-24.4	186.2	2	-59.1
4430	-22.8	186.7	2	-50.5
4440	-26.4	187.2	1	-41.2
4450	-33.5	187.6	1	-41.5
4460	-37.0	188.0	0	-31.4
4470	-35.4	188.2	0	-22.8
4480	-27.9	188.4	0	-22.3
4490	-18.0	188.6	0	-17.3
4500	-9.5	188.7	0	-13.3
4510	-3.4	188.8	0	-10.1
4520	-0.5	188.9	0	-7.7
4530	-0.7	189.0	-1	-5.8
4540	-2.2	189.0	-1	-4.5
4550	-3.5	189.1	-1	-4.2
4560	-3.4	189.1	-1	-3.1
4570	-1.2	189.1	-1	-2.6
4580	0.0	189.2	-1	-2.1
4590	0.0	189.2	-1	-1.0
4600	-5.8	189.2	-1	-0.7
4610	-2.0	189.2	-1	-0.2
4620	0.9	189.2	-1	0.0
4630	1.1	189.2	-1	0.0
4640	1.2	189.2	-1	0.0
4650	5.6	189.2	-1	0.2
4660	34.0	189.2	-1	2.9
4670	42.7	189.1	-1	6.9
4680	43.5	189.0	-1	13.0
4690	37.0	188.8	0	19.4
4700	28.9	188.5	0	23.9
4710	26.4	188.2	0	27.1
4720	31.2	187.9	1	29.8
4730	39.2	187.5	1	33.8
4740	44.3	187.1	1	39.4
4750	42.8	186.6	2	46.0
4760	35.8	186.0	2	58.3
4770	30.2	185.4	3	60.1
4780	32.0	184.8	4	60.1
4790	39.9	184.2	4	60.4

4800	48.0	183.6	5	60.9
4810	52.7	183.0	5	61.4
4820	52.1	182.4	6	61.2
4830	48.7	181.8	7	60.9
4840	43.7	181.2	7	60.4
4850	41.6	180.6	8	60.4
4860	42.6	180.0	8	60.4
4870	46.5	179.4	9	60.9
4880	50.0	178.7	10	61.2
4890	51.7	178.1	10	61.4
4900	50.0	177.5	11	61.2
4910	47.2	176.9	12	60.9
4920	43.9	176.3	12	60.6
4930	42.7	175.7	13	60.6
4940	43.3	175.1	13	60.6
4950	45.6	174.5	14	60.4
4960	47.1	173.9	15	60.9
4970	47.6	173.3	15	60.6
4980	46.2	172.7	16	60.4
4990	44.7	172.1	16	60.4
5000	43.4	171.5	17	60.4
5010	43.5	170.8	18	60.4
5020	44.3	170.2	18	60.4
5030	45.6	169.6	19	60.6
5040	46.2	169.0	19	60.6
5050	45.7	168.4	20	60.4
5060	44.6	167.8	21	60.6
5070	43.5	167.2	21	60.4
5080	43.3	166.6	22	60.6
5090	43.3	166.0	22	60.9
5100	44.3	165.4	23	60.6
5110	44.5	164.8	24	60.6
5120	44.7	164.2	24	60.6
5130	43.8	163.6	25	60.6
5140	43.0	163.0	25	60.6
5150	42.0	162.4	26	60.6
5160	42.2	161.8	27	60.4
5170	42.4	161.2	27	60.4
5180	43.1	160.5	28	60.4
5190	43.3	159.9	29	60.4
5200	43.3	159.3	29	60.4
5210	42.7	158.7	30	60.4
5220	42.6	158.1	30	60.6
5230	42.4	157.5	31	60.4
5240	42.8	156.9	32	60.4
5250	42.8	156.3	32	60.4
5260	42.6	155.7	33	60.4
5270	42.0	155.1	33	60.6
5280	41.2	154.5	34	60.4
5290	41.1	153.9	35	60.4
5300	41.5	153.3	35	60.4
5310	41.9	152.7	36	60.4
5320	41.8	152.1	36	60.4
5330	41.4	151.5	37	60.4

5340	40.3	150.9	38	60.1
5350	39.5	150.3	38	60.4
5360	38.5	149.7	39	60.1
5370	38.4	149.1	39	60.4
5380	38.1	148.5	40	60.4
5390	38.6	147.9	41	60.1
5400	38.2	147.2	41	60.4
5410	37.8	146.6	42	60.4
5420	37.2	146.0	42	60.4
5430	37.0	145.4	43	60.1
5440	37.2	144.8	44	60.1
5450	37.3	144.2	44	60.4
5460	37.7	143.6	45	60.1
5470	38.1	143.0	45	60.4
5480	37.8	142.4	46	60.4
5490	37.3	141.8	47	60.1
5500	36.6	141.2	47	60.1
5510	36.2	140.6	48	60.1
5520	36.3	140.0	48	60.1
5530	36.2	139.4	49	60.4
5540	36.2	138.8	50	60.4
5550	35.5	138.2	50	60.4
5560	35.5	137.6	51	60.4
5570	35.5	137.0	51	60.1
5580	35.9	136.4	52	60.1
5590	35.8	135.8	53	60.4
5600	35.9	135.2	53	60.1
5610	35.5	134.6	54	60.1
5620	35.1	134.0	54	60.1
5630	34.7	133.4	55	60.1
5640	34.3	132.8	56	60.1
5650	34.2	132.2	56	60.1
5660	34.2	131.6	57	60.1
5670	35.0	131.0	57	60.1
5680	35.7	130.4	58	60.4
5690	36.3	129.8	59	60.1
5700	36.3	129.2	59	60.4
5710	36.1	128.6	60	60.4
5720	34.6	128.0	60	60.1
5730	33.1	127.4	61	60.1
5740	31.3	126.8	62	59.9
5750	30.6	126.2	62	59.9
5760	30.2	125.6	63	59.9
5770	31.1	125.0	63	60.1
5780	31.6	124.4	64	60.1
5790	32.3	123.8	65	60.1
5800	32.5	123.2	65	60.1
5810	32.5	122.6	66	60.1
5820	32.7	122.0	66	59.9
5830	32.5	121.4	67	60.1
5840	32.7	120.8	68	60.1
5850	32.4	120.1	68	60.1
5860	31.7	119.5	69	60.1
5870	30.6	118.9	70	60.1

5880	30.0	118.3	70	60.1
5890	29.2	117.7	71	60.1
5900	29.6	117.1	71	60.1
5910	30.0	116.5	72	59.9
5920	30.9	115.9	73	60.1
5930	31.1	115.3	73	60.1
5940	31.5	114.7	74	60.1
5950	31.3	114.1	74	60.4
5960	31.1	113.5	75	60.1
5970	31.2	112.9	76	60.4
5980	30.9	112.3	76	60.4
5990	30.9	111.7	77	60.4
6000	30.2	111.1	77	60.1
6010	30.1	110.5	78	60.1
6020	29.6	109.9	79	60.1
6030	29.3	109.3	79	60.1
6040	29.2	108.7	80	60.1
6050	29.0	108.1	80	59.9
6060	28.6	107.5	81	60.1
6070	28.3	106.9	82	60.4
6080	27.4	106.3	82	60.1
6090	27.0	105.7	83	60.1
6100	25.9	105.1	83	60.1
6110	25.6	104.5	84	60.1
6120	25.6	103.9	85	60.1
6130	26.6	103.3	85	60.1
6140	27.7	102.7	86	60.1
6150	27.9	102.1	86	60.1
6160	28.2	101.5	87	60.4
6170	27.8	100.9	88	60.4
6180	27.7	100.3	88	60.1
6190	27.1	99.7	89	60.4
6200	26.8	99.1	89	60.1
6210	26.7	98.5	90	60.1
6220	26.8	97.9	91	60.1
6230	26.3	97.3	91	60.1
6240	25.5	96.7	92	60.1
6250	23.9	96.1	92	60.1
6260	23.1	95.5	93	59.9
6270	22.5	94.9	94	59.9
6280	22.6	94.3	94	60.1
6290	22.8	93.7	95	60.1
6300	22.8	93.1	95	60.1
6310	22.9	92.5	96	60.1
6320	22.8	91.9	97	60.1
6330	22.9	91.3	97	60.1
6340	22.6	90.7	98	60.1
6350	22.8	90.1	98	60.1
6360	22.5	89.5	99	60.1
6370	22.6	88.9	100	59.9
6380	22.0	88.3	100	60.1
6390	21.7	87.7	101	60.1
6400	21.2	87.1	101	60.1
6410	20.9	86.4	102	60.1

6420	20.6	85.8	103	59.9
6430	20.5	85.2	103	60.4
6440	20.5	84.6	104	59.9
6450	20.5	84.0	104	60.1
6460	20.2	83.4	105	60.1
6470	19.9	82.8	106	60.1
6480	19.7	82.2	106	60.1
6490	19.1	81.6	107	59.9
6500	19.1	81.0	107	59.9
6510	18.7	80.4	108	60.1
6520	18.6	79.8	109	59.9
6530	18.2	79.2	109	59.9
6540	17.6	78.6	110	59.9
6550	16.4	78.0	110	60.1
6560	15.6	77.4	111	60.1
6570	14.5	76.8	112	59.9
6580	14.2	76.2	112	59.9
6590	14.0	75.6	113	59.9
6600	13.4	75.0	113	59.9
6610	13.0	74.4	114	59.6
6620	12.3	73.8	115	59.9
6630	12.1	73.2	115	59.6
6640	10.8	72.7	116	59.6
6650	9.9	72.1	116	59.6
6660	7.7	71.5	117	59.3
6670	5.7	70.9	118	59.3
6680	3.3	70.3	118	59.3
6690	2.3	69.7	119	59.1
6700	2.4	69.1	119	59.3
6710	2.7	68.5	120	59.1
6720	2.8	67.9	121	59.1
6730	3.0	67.3	121	59.3
6740	3.1	66.7	122	59.3
6750	3.5	66.2	122	50.8
6760	4.6	65.7	123	41.5
6770	9.4	65.3	123	41.5
6780	20.3	64.9	124	31.6
6790	27.4	64.7	124	23.6
6800	24.7	64.4	124	23.4
6810	17.2	64.3	124	16.5
6820	10.7	64.1	124	14.1
6830	8.8	64.0	124	10.3
6840	10.2	63.9	125	7.1
6850	12.1	63.9	125	6.1
6860	12.1	63.8	125	5.0
6870	10.3	63.8	125	4.7
6880	7.5	63.7	125	3.4
6890	4.9	63.7	125	2.6
6900	-3.4	63.7	125	2.1
6910	-3.8	63.6	125	2.3
6920	-4.2	63.6	125	2.1
6930	-5.8	63.6	125	1.5
6940	-13.8	63.6	125	-0.5
6950	-21.8	63.6	125	-2.3

6960	-23.7	63.7	125	-8.2
6970	-20.5	63.8	125	-14.1
6980	-14.0	64.0	124	-19.7
6990	-9.9	64.3	124	-23.1
7000	-12.3	64.6	124	-26.3
7010	-18.8	64.9	124	-30.3
7020	-24.1	65.3	123	-35.6
7030	-24.4	65.7	123	-42.0
7040	-22.0	66.2	122	-48.9
7050	-20.9	66.8	122	-56.7
7060	-25.2	67.4	121	-56.7
7070	-30.6	68.0	120	-56.9
7080	-35.0	68.6	120	-58.3
7090	-36.9	69.1	119	-59.1
7100	-36.3	69.7	119	-59.3
7110	-36.2	70.3	118	-59.1
7120	-37.4	70.9	118	-59.3
7130	-41.2	71.5	117	-59.6
7140	-46.1	72.1	116	-60.1
7150	-50.0	72.7	116	-60.1
7160	-52.5	73.3	115	-60.4
7170	-52.7	73.9	115	-60.4
7180	-51.8	74.5	114	-60.4
7190	-51.1	75.1	113	-60.1
7200	-52.1	75.7	113	-59.9
7210	-53.4	76.3	112	-60.1
7220	-54.4	76.9	112	-60.1
7230	-54.5	77.5	111	-60.1
7240	-54.6	78.1	110	-60.4
7250	-54.8	78.7	110	-60.1
7260	-56.0	79.3	109	-60.1
7270	-57.1	79.9	109	-60.4
7280	-58.7	80.5	108	-60.1
7290	-59.4	81.1	107	-60.1
7300	-58.9	81.8	107	-60.1
7310	-57.9	82.4	106	-60.1
7320	-57.0	83.0	105	-60.1
7330	-56.7	83.6	105	-59.9
7340	-57.1	84.2	104	-60.1
7350	-57.6	84.8	104	-60.1
7360	-57.6	85.4	103	-60.1
7370	-57.4	86.0	102	-60.1
7380	-57.1	86.6	102	-60.1
7390	-57.2	87.2	101	-60.1
7400	-57.8	87.8	101	-60.4
7410	-59.3	88.4	100	-59.9
7420	-60.1	89.0	99	-60.1
7430	-60.3	89.6	99	-60.1
7440	-60.1	90.2	98	-60.4
7450	-59.4	90.8	98	-60.4
7460	-59.4	91.4	97	-60.1
7470	-59.9	92.0	96	-59.9
7480	-60.3	92.6	96	-60.1
7490	-60.5	93.2	95	-60.4

7500	-60.6	93.8	95	-60.1
7510	-60.6	94.4	94	-60.1
7520	-60.9	95.0	93	-60.1
7530	-60.9	95.6	93	-60.4
7540	-61.4	96.2	92	-60.1
7550	-61.8	96.8	92	-60.1
7560	-62.5	97.4	91	-60.1
7570	-62.8	98.0	90	-60.6
7580	-62.4	98.6	90	-60.4
7590	-61.6	99.2	89	-60.4
7600	-61.0	99.8	89	-60.4
7610	-60.5	100.4	88	-60.6
7620	-60.3	101.0	87	-60.4
7630	-60.3	101.6	87	-60.4
7640	-60.3	102.2	86	-60.4
7650	-60.5	102.8	86	-60.4
7660	-60.2	103.4	85	-60.4
7670	-60.2	104.1	84	-60.6
7680	-60.2	104.7	84	-60.4
7690	-60.5	105.3	83	-60.6
7700	-60.5	105.9	83	-60.6
7710	-60.7	106.5	82	-60.4
7720	-60.5	107.1	81	-60.4
7730	-59.8	107.7	81	-60.6
7740	-58.7	108.3	80	-60.9
7750	-58.3	108.9	80	-60.6
7760	-58.0	109.5	79	-60.4
7770	-58.2	110.1	78	-60.4
7780	-58.0	110.7	78	-60.6
7790	-57.6	111.3	77	-60.6
7800	-57.5	111.9	77	-60.4
7810	-57.5	112.5	76	-60.1
7820	-58.0	113.1	75	-60.1
7830	-58.3	113.7	75	-60.1
7840	-57.9	114.3	74	-60.4
7850	-57.4	114.9	74	-60.4
7860	-56.5	115.5	73	-60.1
7870	-55.5	116.1	72	-60.4
7880	-54.6	116.7	72	-60.4
7890	-53.8	117.3	71	-60.4
7900	-53.6	118.0	70	-60.4
7910	-53.6	118.6	70	-60.1
7920	-54.0	119.2	69	-60.4
7930	-54.4	119.8	69	-60.4
7940	-55.2	120.4	68	-60.4
7950	-55.5	121.0	67	-60.4
7960	-55.6	121.6	67	-60.4
7970	-55.5	122.2	66	-60.6
7980	-55.5	122.8	66	-60.4
7990	-55.5	123.4	65	-60.4
8000	-55.5	124.0	64	-60.4
8010	-55.3	124.6	64	-60.6
8020	-54.6	125.2	63	-60.4
8030	-54.0	125.8	63	-60.4

8040	-52.9	126.4	62	-60.6
8050	-52.5	127.0	61	-60.4
8060	-52.3	127.6	61	-60.4
8070	-52.7	128.2	60	-60.4
8080	-53.2	128.8	60	-60.4
8090	-53.3	129.4	59	-60.6
8100	-52.6	130.0	58	-60.4
8110	-52.1	130.6	58	-60.4
8120	-50.9	131.2	57	-60.1
8130	-50.2	131.8	57	-59.9
8140	-49.5	132.4	56	-60.1
8150	-49.1	133.0	55	-59.9
8160	-49.0	133.7	55	-60.1
8170	-48.8	134.3	54	-60.1
8180	-49.0	134.9	54	-60.1
8190	-49.0	135.5	53	-60.4
8200	-48.7	136.1	52	-60.4
8210	-48.1	136.7	52	-60.4
8220	-47.2	137.3	51	-60.1
8230	-46.5	137.9	51	-60.1
8240	-46.5	138.5	50	-60.1
8250	-46.5	139.1	49	-60.1
8260	-46.9	139.7	49	-59.9
8270	-46.5	140.3	48	-59.9
8280	-45.4	140.9	48	-60.1
8290	-43.8	141.5	47	-60.1
8300	-43.1	142.1	46	-59.9
8310	-43.3	142.7	46	-59.9
8320	-43.4	143.3	45	-59.9
8330	-43.8	143.9	45	-60.1
8340	-43.7	144.5	44	-60.1
8350	-43.1	145.1	43	-59.9
8360	-41.9	145.7	43	-60.1
8370	-41.0	146.3	42	-59.9
8380	-41.0	146.9	42	-59.9
8390	-41.9	147.5	41	-59.9
8400	-43.8	148.1	40	-59.9
8410	-46.0	148.7	40	-59.9
8420	-47.3	149.3	39	-60.1
8430	-48.0	149.9	39	-60.1
8440	-47.6	150.5	38	-59.9
8450	-47.2	151.1	37	-60.1
8460	-46.5	151.7	37	-60.4
8470	-46.5	152.3	36	-60.4
8480	-47.1	152.9	36	-60.1
8490	-48.5	153.5	35	-60.1
8500	-49.2	154.1	34	-60.6
8510	-49.1	154.7	34	-60.4
8520	-48.3	155.3	33	-60.4
8530	-47.3	155.9	33	-60.1
8540	-46.8	156.5	32	-60.1
8550	-46.0	157.1	31	-60.1
8560	-45.8	157.7	31	-60.1
8570	-45.8	158.3	30	-59.6

8580	-45.6	158.9	30	-59.9
8590	-44.3	159.5	29	-60.4
8600	-43.3	160.1	28	-59.9
8610	-42.3	160.7	28	-59.9
8620	-41.8	161.3	27	-59.9
8630	-40.8	161.9	27	-59.6
8640	-40.3	162.5	26	-59.9
8650	-39.7	163.1	25	-59.9
8660	-39.6	163.7	25	-59.6
8670	-39.1	164.3	24	-59.9
8680	-38.2	164.9	24	-59.9
8690	-37.8	165.5	23	-59.6
8700	-37.4	166.1	22	-59.3
8710	-37.4	166.7	22	-59.1
8720	-37.2	167.3	21	-59.3
8730	-37.2	167.9	21	-59.6
8740	-37.4	168.5	20	-59.1
8750	-37.8	169.0	19	-59.3
8760	-37.7	169.6	19	-59.6
8770	-37.2	170.2	18	-59.9
8780	-36.5	170.8	18	-59.6
8790	-36.1	171.4	17	-59.6
8800	-35.9	172.0	16	-59.6
8810	-35.8	172.6	16	-59.6
8820	-35.3	173.2	15	-59.9
8830	-34.4	173.8	15	-59.9
8840	-33.5	174.4	14	-59.3
8850	-32.7	175.0	13	-59.3
8860	-32.0	175.6	13	-59.6
8870	-32.1	176.2	12	-59.6
8880	-32.3	176.8	12	-59.6
8890	-32.3	177.4	11	-59.6
8900	-31.2	178.0	10	-59.6
8910	-30.0	178.6	10	-59.6
8920	-28.9	179.2	9	-59.6
8930	-27.9	179.8	9	-59.3
8940	-27.0	180.4	8	-59.3
8950	-26.4	181.0	7	-59.3
8960	-25.9	181.6	7	-59.3
8970	-25.8	182.2	6	-59.1
8980	-24.5	182.7	6	-59.1
8990	-22.6	183.3	5	-59.3
9000	-20.5	183.9	5	-58.8
9010	-17.8	184.5	4	-58.8
9020	-15.5	185.1	3	-59.3
9030	-13.6	185.7	3	-59.3
9040	-13.4	186.3	2	-59.1
9050	-15.6	186.9	2	-60.4
9060	-23.5	187.3	1	-43.9
9070	-32.0	187.7	1	-32.4
9080	-34.2	188.0	0	-33.0
9090	-28.6	188.3	0	-26.6
9100	-20.6	188.5	0	-20.7
9110	-12.1	188.6	0	-16.2

9120	-6.2	188.7	0	-12.2
9130	-3.1	188.8	0	-9.5
9140	-2.3	188.9	0	-7.7
9150	-2.3	189.0	-1	-6.3
9160	-1.5	189.0	-1	-5.0
9170	0.0	189.1	-1	-3.9
9180	0.0	189.1	-1	-2.6
9190	0.0	189.1	-1	-2.1
9200	0.0	189.1	-1	-1.5
9210	-4.1	189.1	-1	-0.7
9220	-2.4	189.1	-1	-0.5
9230	0.0	189.1	-1	-0.5
9240	0.9	189.1	-1	0.0
9250	0.9	189.1	-1	0.0
9260	1.4	189.1	-1	0.0
9270	6.2	189.1	-1	0.5
9280	32.7	189.1	-1	3.1
9290	37.7	189.1	-1	7.7
9300	36.7	189.0	-1	13.3
9310	31.7	188.8	0	19.1
9320	27.5	188.6	0	23.4
9330	27.8	188.4	0	26.8
9340	33.0	188.1	0	30.6
9350	38.9	187.8	1	35.9
9360	42.0	187.4	1	42.5
9370	41.0	187.0	1	50.3
9380	36.3	186.4	2	57.5
9390	31.6	185.9	3	57.7
9400	30.5	185.3	3	59.9
9410	35.7	184.7	4	60.1
9420	42.6	184.1	4	60.6
9430	47.9	183.5	5	60.9
9440	48.4	182.9	6	60.9
9450	45.8	182.2	6	60.9
9460	42.0	181.6	7	60.6
9470	40.1	181.0	7	60.4
9480	40.7	180.4	8	60.4
9490	43.8	179.8	9	60.6
9500	46.6	179.2	9	60.9
9510	48.4	178.6	10	61.2
9520	47.7	178.0	10	61.2
9530	45.7	177.4	11	60.9
9540	43.8	176.8	12	60.9
9550	43.0	176.2	12	60.6
9560	43.5	175.6	13	60.6
9570	45.0	175.0	13	60.6
9580	46.4	174.3	14	60.9
9590	46.8	173.7	15	60.9
9600	46.1	173.1	15	60.6
9610	45.3	172.5	16	60.6
9620	44.7	171.9	17	60.4
9630	44.7	171.3	17	60.6
9640	45.2	170.7	18	60.6
9650	45.7	170.1	18	60.6

9660	46.1	169.5	19	60.6
9670	45.6	168.9	20	60.6
9680	44.9	168.3	20	60.6
9690	43.3	167.7	21	60.4
9700	42.8	167.1	21	60.4
9710	42.4	166.5	22	60.6
9720	43.4	165.9	23	60.6
9730	44.1	165.3	23	60.6
9740	45.0	164.6	24	60.9
9750	44.7	164.0	24	60.4
9760	44.3	163.4	25	60.6
9770	43.5	162.8	26	60.6
9780	43.1	162.2	26	60.6
9790	43.3	161.6	27	60.6
9800	43.8	161.0	27	60.6
9810	43.9	160.4	28	60.6
9820	43.7	159.8	29	60.4
9830	42.8	159.2	29	60.4
9840	41.9	158.6	30	60.4
9850	41.4	158.0	30	60.4
9860	41.2	157.4	31	60.4
9870	42.3	156.8	32	60.4
9880	42.4	156.2	32	60.4
9890	42.4	155.6	33	60.6
9900	41.2	155.0	33	60.6
9910	40.1	154.3	34	60.4
9920	39.3	153.7	35	60.4
9930	38.9	153.1	35	60.4
9940	38.4	152.5	36	60.4
9950	37.8	151.9	37	60.4
9960	37.3	151.3	37	60.1
9970	36.9	150.7	38	60.1
9980	36.2	150.1	38	60.1
9990	36.3	149.5	39	60.1
10000	36.6	148.9	40	60.4
10010	37.2	148.3	40	60.4
10020	37.7	147.7	41	60.1
10030	37.3	147.1	41	60.4
10040	36.3	146.5	42	60.1
10050	34.6	145.9	43	60.1
10060	33.8	145.3	43	59.9
10070	33.6	144.7	44	59.9
10080	34.4	144.1	44	60.4
10090	35.3	143.5	45	60.1
10100	35.7	142.9	46	60.1
10110	35.3	142.3	46	60.1
10120	35.0	141.7	47	60.1
10130	34.4	141.1	47	60.1
10140	34.8	140.5	48	60.1
10150	35.1	139.9	49	60.1
10160	35.4	139.3	49	60.4
10170	35.1	138.7	50	60.4
10180	35.0	138.1	50	60.1
10190	34.7	137.5	51	60.1

10200	34.2	136.9	52	60.1
10210	34.0	136.3	52	60.4
10220	34.2	135.7	53	60.1
10230	35.3	135.1	53	60.4
10240	35.7	134.5	54	60.1
10250	36.2	133.9	55	60.1
10260	35.4	133.3	55	60.1
10270	34.7	132.7	56	60.1
10280	33.4	132.1	56	60.1
10290	33.0	131.5	57	60.1
10300	33.4	130.9	58	60.1
10310	34.0	130.3	58	59.9
10320	34.2	129.7	59	60.1
10330	33.9	129.1	59	60.1
10340	33.1	128.5	60	60.4
10350	32.3	127.9	61	60.1
10360	31.6	127.3	61	60.1
10370	31.7	126.7	62	60.1
10380	32.4	126.1	62	60.1
10390	32.8	125.4	63	60.4
10400	33.2	124.8	64	60.1
10410	33.0	124.2	64	60.1
10420	32.8	123.6	65	60.1
10430	32.4	123.0	65	60.4
10440	32.5	122.4	66	60.1
10450	32.4	121.8	67	60.1
10460	32.7	121.2	67	60.1
10470	32.5	120.6	68	60.1
10480	32.3	120.0	68	60.4
10490	31.6	119.4	69	60.4
10500	31.5	118.8	70	60.1
10510	31.6	118.2	70	60.4
10520	32.0	117.6	71	60.4
10530	32.3	117.0	71	60.4
10540	32.7	116.4	72	60.1
10550	32.7	115.8	73	60.4
10560	32.0	115.2	73	60.1
10570	31.6	114.6	74	60.1
10580	31.1	114.0	74	60.1
10590	31.3	113.4	75	60.1
10600	30.6	112.8	76	60.4
10610	30.5	112.2	76	60.1
10620	29.8	111.6	77	60.1
10630	30.0	111.0	77	60.1
10640	29.7	110.4	78	60.1
10650	30.1	109.8	79	60.4
10660	29.8	109.2	79	60.4
10670	29.8	108.6	80	60.1
10680	29.4	108.0	80	60.1
10690	29.3	107.4	81	60.4
10700	29.0	106.8	82	60.4
10710	29.2	106.2	82	60.4
10720	29.3	105.6	83	60.1
10730	29.2	105.0	83	60.4

10740	28.9	104.4	84	60.1
10750	28.5	103.8	85	60.1
10760	28.6	103.2	85	60.1
10770	28.7	102.5	86	60.1
10780	29.0	101.9	87	60.4
10790	28.9	101.3	87	60.4
10800	28.9	100.7	88	60.1
10810	28.2	100.1	88	60.1
10820	27.9	99.5	89	60.4
10830	27.5	98.9	90	60.4
10840	27.7	98.3	90	60.4
10850	27.5	97.7	91	60.4
10860	27.8	97.1	91	60.1
10870	28.1	96.5	92	60.4
10880	28.1	95.9	93	60.4
10890	27.7	95.3	93	60.1
10900	27.4	94.7	94	60.1
10910	27.7	94.1	94	60.4
10920	27.8	93.5	95	60.4
10930	27.9	92.9	96	60.6
10940	27.8	92.3	96	60.1
10950	28.1	91.7	97	60.4
10960	27.4	91.1	97	60.4
10970	27.3	90.5	98	60.4
10980	27.0	89.9	99	60.4
10990	27.4	89.3	99	60.4
11000	27.3	88.7	100	60.4
11010	27.1	88.1	100	60.4
11020	26.4	87.5	101	60.1
11030	25.6	86.8	102	60.4
11040	24.8	86.2	102	60.4
11050	24.4	85.6	103	60.4
11060	24.4	85.0	103	60.4
11070	24.7	84.4	104	60.4
11080	24.1	83.8	105	60.4
11090	23.9	83.2	105	60.4
11100	23.2	82.6	106	60.1
11110	22.6	82.0	106	60.4
11120	22.5	81.4	107	60.1
11130	22.4	80.8	108	60.1
11140	22.5	80.2	108	60.1
11150	22.4	79.6	109	60.4
11160	22.4	79.0	109	60.1
11170	21.6	78.4	110	60.4
11180	20.6	77.8	111	60.1
11190	19.7	77.2	111	60.1
11200	19.4	76.6	112	60.1
11210	19.0	76.0	112	60.1
11220	19.0	75.4	113	60.1
11230	18.7	74.8	114	60.1
11240	18.8	74.2	114	60.1
11250	18.7	73.6	115	60.1
11260	18.6	73.0	115	60.1
11270	18.4	72.4	116	60.1

11280	18.3	71.8	117	60.1
11290	18.3	71.2	117	60.1
11300	17.6	70.6	118	60.1
11310	17.1	70.0	118	59.9
11320	15.7	69.4	119	60.1
11330	15.1	68.8	120	59.9
11340	14.1	68.2	120	59.9
11350	13.8	67.6	121	59.9
11360	13.8	67.0	121	59.6
11370	14.0	66.4	122	53.7
11380	17.6	65.9	123	46.3
11390	24.3	65.4	123	38.0
11400	29.2	65.1	123	31.6
11410	29.8	64.7	124	31.1
11420	27.7	64.5	124	22.8
11430	23.2	64.3	124	19.9
11440	19.0	64.2	124	14.1
11450	15.6	64.0	124	12.5
11460	13.6	63.9	125	8.7
11470	11.3	63.9	125	7.7
11480	9.6	63.8	125	5.5
11490	8.9	63.8	125	3.9
11500	8.4	63.7	125	3.4
11510	8.1	63.7	125	3.4
11520	7.2	63.7	125	2.3
11530	5.2	63.7	125	1.8
11540	-4.3	63.6	125	2.3
11550	-4.3	63.6	125	1.8
11560	-2.7	63.6	125	0.5
11570	-12.7	63.6	125	-0.5
11580	-20.3	63.6	125	-2.1
11590	-23.3	63.7	125	-7.9
11600	-18.3	63.8	125	-15.1
11610	-11.4	64.0	124	-21.5
11620	-9.9	64.2	124	-25.0
11630	-15.5	64.5	124	-29.0
11640	-23.5	64.8	124	-34.8
11650	-27.1	65.1	123	-42.5
11660	-24.8	65.6	123	-51.6
11670	-19.1	66.1	122	-59.6
11680	-17.2	66.7	122	-62.0
11690	-22.1	67.2	121	-56.4
11700	-30.2	67.8	121	-56.9
11710	-34.0	68.4	120	-58.3
11720	-34.3	69.0	119	-58.8
11730	-32.4	69.6	119	-59.1
11740	-30.9	70.2	118	-59.1
11750	-33.5	70.8	118	-59.6
11760	-38.6	71.3	117	-59.6
11770	-44.5	72.0	116	-60.4
11780	-49.8	72.6	116	-60.4
11790	-51.8	73.2	115	-60.1
11800	-51.5	73.8	115	-60.1
11810	-49.9	74.4	114	-60.1

11820	-49.4	75.0	113	-60.1
11830	-50.0	75.6	113	-60.1
11840	-51.4	76.2	112	-59.9
11850	-51.7	76.8	112	-60.4
11860	-50.7	77.4	111	-60.1
11870	-49.5	78.0	110	-60.1
11880	-49.6	78.6	110	-60.1
11890	-51.4	79.2	109	-60.1
11900	-53.7	79.8	109	-60.6
11910	-54.9	80.4	108	-60.4
11920	-55.1	81.0	107	-60.1
11930	-53.6	81.6	107	-60.1
11940	-51.7	82.2	106	-60.1
11950	-51.0	82.8	106	-60.1
11960	-51.9	83.4	105	-60.1
11970	-53.8	84.0	104	-60.1
11980	-55.6	84.6	104	-60.1
11990	-56.4	85.2	103	-60.1
12000	-55.9	85.8	103	-60.1
12010	-55.6	86.4	102	-60.4
12020	-55.3	87.0	101	-60.1
12030	-55.6	87.6	101	-60.4
12040	-56.3	88.2	100	-59.9
12050	-57.1	88.8	100	-60.1
12060	-57.2	89.4	99	-60.1
12070	-57.1	90.0	98	-60.1
12080	-57.2	90.6	98	-60.1
12090	-57.5	91.2	97	-60.1
12100	-58.2	91.8	97	-59.9
12110	-58.6	92.4	96	-60.1
12120	-59.0	93.0	95	-60.4
12130	-59.4	93.6	95	-60.1
12140	-60.1	94.2	94	-60.1
12150	-60.5	94.8	94	-60.1
12160	-60.6	95.4	93	-60.4
12170	-61.0	96.0	92	-60.4
12180	-61.7	96.6	92	-60.1
12190	-62.5	97.2	91	-59.9
12200	-62.6	97.8	91	-60.6
12210	-62.2	98.4	90	-60.6
12220	-62.1	99.0	89	-60.4
12230	-62.1	99.7	89	-60.4
12240	-62.6	100.3	88	-60.6
12250	-62.8	100.9	88	-60.6
12260	-62.9	101.5	87	-60.6
12270	-62.6	102.1	86	-60.4
12280	-61.8	102.7	86	-60.4
12290	-60.9	103.3	85	-60.6
12300	-60.3	103.9	85	-60.4
12310	-60.6	104.5	84	-60.4
12320	-61.4	105.1	83	-60.4
12330	-62.6	105.7	83	-60.6
12340	-63.3	106.3	82	-60.6
12350	-63.6	106.9	82	-60.6

12360	-63.3	107.5	8	-60.6
12370	-62.9	108.1	1	-60.9
12380	-62.4	108.7	8	-60.9
12390	-62.4	109.4	0	-60.9
12400	-62.9	110.0	8	-60.6
12410	-63.7	110.6	0	-60.6
12420	-64.3	111.2	7	-60.9
12430	-64.7	111.8	9	-60.9
12440	-65.0	112.4	7	-60.6
12450	-65.2	113.0	8	-60.4
12460	-65.5	113.6	7	-60.6
12470	-65.5	114.2	8	-60.6
12480	-65.4	114.8	7	-60.6
12490	-65.5	115.4	7	-60.6
12500	-65.6	116.0	7	-60.9
12510	-65.6	116.7	7	-61.2
12520	-65.4	117.3	7	-61.2
12530	-65.2	117.9	6	-61.2
12540	-64.5	118.5	7	-60.9
12550	-64.1	119.1	5	-61.2
12560	-63.7	119.7	7	-61.2
12570	-64.4	120.3	5	-60.9
12580	-65.2	120.9	7	-60.6
12590	-66.0	121.5	4	-60.9
12600	-66.0	122.2	7	-61.2
12610	-65.9	122.8	4	-60.9
12620	-65.6	123.4	7	-61.2
12630	-65.5	124.0	3	-61.2
12640	-65.6	124.6	7	-61.2
12650	-65.5	125.2	2	-61.2
12660	-65.4	125.8	7	-61.2
12670	-65.0	126.4	2	-61.4
12680	-64.4	127.1	7	-61.4
12690	-63.9	127.7	1	-61.4
12700	-63.7	128.3	7	-61.2
12710	-63.9	128.9	1	-60.9
12720	-64.4	129.5	7	-61.2
12730	-64.7	130.1	0	-60.9
12740	-64.8	130.7	6	-60.9
12750	-64.7	131.3	9	-60.9
12760	-64.3	131.9	6	-60.9
12770	-63.9	132.6	9	-60.9
12780	-63.6	133.2	6	-60.9
12790	-63.2	133.8	8	-60.9
12800	-62.6	134.4	6	-60.9
12810	-62.1	135.0	8	-60.9
12820	-62.0	135.6	6	-61.2
12830	-61.3	136.2	7	-60.9
12840	-60.7	136.8	6	-61.2
12850	-60.3	137.4	6	-61.2
12860	-60.6	138.1	6	-60.9
12870	-61.4	138.7	6	-60.9
12880	-62.2	139.3	6	-60.9
12890	-62.6	139.9	5	-60.9

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12900	-62.6	140.5	48	-61.2
12910	-61.8	141.1	47	-61.2
12920	-61.0	141.7	47	-61.4
12930	-60.3	142.3	46	-61.2
12940	-60.1	142.9	46	-61.2
12950	-59.9	143.6	45	-61.2
12960	-59.9	144.2	44	-61.2
12970	-59.4	144.8	44	-60.9
12980	-59.1	145.4	43	-60.9
12990	-58.6	146.0	42	-61.2
13000	-58.0	146.6	42	-61.2
13010	-57.8	147.2	41	-60.9
13020	-58.4	147.8	41	-60.9
13030	-58.9	148.4	40	-60.6
13040	-59.1	149.0	39	-60.6
13050	-58.7	149.7	39	-60.6
13060	-58.3	150.3	38	-60.6
13070	-57.2	150.9	38	-60.6
13080	-56.5	151.5	37	-60.9
13090	-55.7	152.1	36	-60.9
13100	-55.3	152.7	36	-60.9
13110	-55.5	153.3	35	-60.6
13120	-55.6	153.9	35	-60.9
13130	-55.6	154.5	34	-60.9
13140	-55.2	155.1	33	-60.9
13150	-55.1	155.7	33	-60.6
13160	-54.6	156.3	32	-60.6
13170	-54.2	157.0	31	-60.6
13180	-54.0	157.6	31	-60.6
13190	-54.2	158.2	30	-60.4
13200	-54.4	158.8	30	-60.4
13210	-54.1	159.4	29	-60.9
13220	-53.8	160.0	28	-60.4
13230	-54.0	160.6	28	-60.4
13240	-53.8	161.2	27	-60.6
13250	-53.7	161.8	27	-60.4
13260	-53.3	162.4	26	-60.9
13270	-53.2	163.0	25	-60.6
13280	-52.9	163.6	25	-60.6
13290	-52.5	164.2	24	-60.6
13300	-51.7	164.8	24	-60.4
13310	-51.0	165.4	23	-60.4
13320	-50.2	166.0	22	-60.4
13330	-49.9	166.6	22	-59.9
13340	-50.0	167.2	21	-59.9
13350	-50.4	167.8	21	-59.9
13360	-51.0	168.4	20	-59.9
13370	-51.4	169.0	19	-59.9
13380	-51.1	169.6	19	-59.9
13390	-50.0	170.2	18	-60.1
13400	-48.8	170.8	18	-59.9
13410	-47.9	171.4	17	-60.1
13420	-47.2	172.0	16	-59.9
13430	-46.8	172.6	16	-59.9

13440	-46.4	173.2	15	-60.1
13450	-46.1	173.8	15	-60.1
13460	-46.0	174.4	14	-59.6
13470	-45.4	175.0	13	-59.9
13480	-44.6	175.6	13	-59.9
13490	-43.4	176.2	12	-59.6
13500	-42.0	176.8	12	-59.9
13510	-41.2	177.4	11	-59.9
13520	-40.7	178.0	10	-59.6
13530	-40.5	178.6	10	-59.6
13540	-40.4	179.2	9	-59.6
13550	-39.5	179.8	9	-59.9
13560	-37.7	180.4	8	-59.9
13570	-35.8	181.0	7	-59.6
13580	-34.0	181.6	7	-59.3
13590	-33.9	182.2	6	-59.3
13600	-33.8	182.8	6	-59.3
13610	-33.4	183.4	5	-59.6
13620	-32.5	184.0	4	-59.1
13630	-30.8	184.6	4	-59.1
13640	-27.9	185.2	3	-59.3
13650	-24.5	185.8	3	-59.1
13660	-22.2	186.3	2	-58.8
13670	-22.9	186.9	2	-47.9
13680	-30.0	187.3	1	-38.8
13690	-38.5	187.7	1	-39.6
13700	-42.0	188.0	0	-30.0
13710	-38.9	188.3	0	-21.8
13720	-30.4	188.5	0	-19.4
13730	-19.4	188.7	0	-14.9
13740	-10.2	188.8	0	-12.2
13750	-5.3	188.9	0	-9.5
13760	-4.5	188.9	0	-7.4
13770	-6.2	189.0	-1	-5.8
13780	-8.4	189.0	-1	-4.2
13790	-8.8	189.1	-1	-3.7
13800	-6.4	189.1	-1	-3.1
13810	-1.8	189.1	-1	-2.3
13820	0.0	189.2	-1	-1.5
13830	-7.1	189.2	-1	-0.7
13840	-2.6	189.2	-1	-0.2
13850	0.4	189.2	-1	0.0
13860	0.9	189.2	-1	0.0
13870	0.8	189.2	-1	0.0
13880	1.2	189.2	-1	0.2
13890	5.2	189.2	-1	0.0
13900	30.9	189.2	-1	2.3
13910	38.6	189.1	-1	5.8
13920	39.6	189.0	-1	10.9
13930	35.4	188.8	0	16.5
13940	30.6	188.6	0	21.0
13950	30.1	188.3	0	24.2
13960	34.8	188.0	0	27.9
13970	41.4	187.7	1	32.7

13980	44.7	187.3	1	39.1
13990	43.4	186.8	2	45.5
14000	37.3	186.2	2	58.0
14010	33.4	185.6	3	60.1
14020	35.9	185.0	3	60.1
14030	42.8	184.4	4	60.6
14040	49.6	183.8	5	60.9
14050	52.5	183.2	5	61.4
14060	51.4	182.6	6	61.2
14070	47.7	182.0	6	60.9
14080	43.9	181.3	7	60.4
14090	42.0	180.7	8	60.4
14100	43.8	180.1	8	60.4
14110	46.8	179.5	9	60.9
14120	50.4	178.9	10	61.2
14130	51.4	178.3	10	61.2
14140	50.7	177.7	11	61.2
14150	48.3	177.1	11	61.2
14160	46.1	176.5	12	60.9
14170	44.6	175.9	13	60.6
14180	44.9	175.3	13	60.6
14190	45.6	174.7	14	60.4
14200	46.1	174.0	14	60.6
14210	46.0	173.4	15	60.6
14220	45.6	172.8	16	60.4
14230	44.7	172.2	16	60.4
14240	44.6	171.6	17	60.4
14250	44.9	171.0	17	60.4
14260	46.0	170.4	18	60.6
14270	47.3	169.8	19	60.6
14280	48.1	169.2	19	60.6
14290	47.9	168.6	20	60.6
14300	46.5	168.0	20	60.6
14310	45.2	167.4	21	60.4
14320	44.3	166.8	22	60.6
14330	44.7	166.2	22	60.6
14340	45.4	165.6	23	60.9
14350	46.1	164.9	24	60.9
14360	45.7	164.3	24	60.6
14370	45.2	163.7	25	60.6
14380	43.8	163.1	25	60.6
14390	43.0	162.5	26	60.4
14400	42.8	161.9	27	60.4
14410	44.1	161.3	27	60.6
14420	44.9	160.7	28	60.6
14430	45.4	160.1	28	60.6
14440	44.6	159.5	29	60.4
14450	43.8	158.9	30	60.4
14460	42.3	158.3	30	60.4
14470	41.9	157.7	31	60.6
14480	41.8	157.1	31	60.4
14490	42.4	156.5	32	60.4
14500	42.6	155.9	33	60.4
14510	42.6	155.2	33	60.6

14520	41.8	154.6	34	60.4
14530	41.2	154.0	34	60.4
14540	41.1	153.4	35	60.4
14550	41.5	152.8	36	60.4
14560	41.6	152.2	36	60.4
14570	41.8	151.6	37	60.1
14580	41.2	151.0	37	60.1
14590	40.4	150.4	38	60.4
14600	39.3	149.8	39	60.4
14610	38.5	149.2	39	60.1
14620	38.6	148.6	40	60.4
14630	39.2	148.0	40	60.4
14640	40.0	147.4	41	60.4
14650	39.7	146.8	42	60.4
14660	39.6	146.2	42	60.4
14670	38.9	145.6	43	60.1
14680	38.8	145.0	43	60.1
14690	38.5	144.4	44	60.4
14700	38.8	143.8	45	60.4
14710	38.9	143.2	45	60.4
14720	39.1	142.6	46	60.1
14730	38.5	142.0	46	60.4
14740	38.0	141.4	47	60.4
14750	36.9	140.8	48	60.1
14760	36.3	140.2	48	59.9
14770	36.2	139.6	49	60.4
14780	36.5	138.9	50	60.4
14790	37.0	138.3	50	60.4
14800	37.6	137.7	51	60.4
14810	38.1	137.1	51	60.4
14820	37.6	136.5	52	60.4
14830	37.4	135.9	53	60.1
14840	37.3	135.3	53	60.4
14850	37.8	134.7	54	60.4
14860	37.7	134.1	54	60.4
14870	37.7	133.5	55	60.4
14880	36.6	132.9	56	60.1
14890	35.9	132.3	56	60.1
14900	35.3	131.7	57	60.1
14910	35.3	131.1	57	60.1
14920	35.5	130.5	58	60.1
14930	35.9	129.9	59	60.1
14940	35.9	129.3	59	60.1
14950	35.7	128.7	60	60.4
14960	35.3	128.1	60	60.4
14970	34.7	127.5	61	60.4
14980	34.8	126.9	62	60.1
14990	34.8	126.3	62	60.1
15000	35.8	125.7	63	60.4
15010	35.8	125.1	63	60.1
15020	35.7	124.5	64	60.4
15030	34.7	123.9	65	60.1
15040	34.2	123.3	65	60.4
15050	33.5	122.7	66	60.4

15060	33.9	122.1	66	60.1
15070	34.6	121.5	67	60.1
15080	35.5	120.9	68	60.4
15090	35.5	120.3	68	60.4
15100	35.0	119.7	69	60.4
15110	33.4	119.0	69	60.1
15120	32.0	118.4	70	60.1
15130	31.1	117.8	71	60.4
15140	31.1	117.2	71	60.4
15150	32.3	116.6	72	60.1
15160	33.4	116.0	72	60.1
15170	34.2	115.4	73	60.4
15180	33.9	114.8	74	60.4
15190	33.8	114.2	74	60.4
15200	33.1	113.6	75	60.4
15210	33.6	113.0	75	60.1
15220	33.4	112.4	76	60.6
15230	33.6	111.8	77	60.4
15240	33.4	111.2	77	60.1
15250	33.2	110.6	78	60.4
15260	32.4	110.0	78	60.4
15270	32.3	109.4	79	60.4
15280	32.4	108.8	80	60.4
15290	32.8	108.2	80	60.4
15300	33.8	107.6	81	60.4
15310	34.6	107.0	81	60.6
15320	34.6	106.4	82	60.4
15330	34.2	105.8	83	60.6
15340	33.5	105.2	83	60.4
15350	32.4	104.6	84	60.4
15360	32.1	103.9	85	60.6
15370	32.0	103.3	85	60.4
15380	32.1	102.7	86	60.4
15390	31.5	102.1	86	60.6
15400	31.1	101.5	87	60.6
15410	30.4	100.9	88	60.4
15420	30.4	100.3	88	60.1
15430	30.1	99.7	89	60.4
15440	30.1	99.1	89	60.4
15450	29.8	98.5	90	60.4
15460	29.4	97.9	91	60.4
15470	28.5	97.3	91	60.1
15480	27.8	96.7	92	60.1
15490	27.3	96.1	92	60.4
15500	27.4	95.5	93	60.1
15510	27.8	94.9	94	60.1
15520	27.8	94.3	94	60.4
15530	28.1	93.7	95	60.4
15540	27.8	93.1	95	60.4
15550	27.8	92.5	96	60.1
15560	27.1	91.9	97	60.1
15570	27.0	91.3	97	60.4
15580	26.3	90.7	98	60.1
15590	26.3	90.1	98	60.4

15600	25.8	89.5	99	60.1
15610	26.0	88.9	100	60.1
15620	25.6	88.2	100	60.4
15630	25.8	87.6	101	60.4
15640	25.1	87.0	101	60.1
15650	24.7	86.4	102	60.1
15660	24.3	85.8	103	60.4
15670	23.9	85.2	103	60.4
15680	23.7	84.6	104	60.1
15690	23.6	84.0	104	60.4
15700	23.1	83.4	105	60.4
15710	23.1	82.8	106	60.4
15720	22.9	82.2	106	60.4
15730	22.6	81.6	107	60.4
15740	22.6	81.0	107	60.4
15750	22.2	80.4	108	60.4
15760	22.0	79.8	109	60.4
15770	21.3	79.2	109	60.1
15780	21.0	78.6	110	60.1
15790	20.1	78.0	110	60.1
15800	19.7	77.4	111	60.1
15810	19.1	76.8	112	59.9
15820	19.3	76.2	112	60.1
15830	19.1	75.6	113	60.1
15840	19.0	75.0	113	60.1
15850	18.4	74.4	114	60.4
15860	18.0	73.8	115	59.9
15870	17.5	73.2	115	59.9
15880	17.2	72.6	116	60.1
15890	17.5	72.0	116	60.1
15900	17.8	71.4	117	59.9
15910	18.3	70.8	118	59.9
15920	17.8	70.2	118	60.1
15930	17.4	69.6	119	60.1
15940	16.3	69.0	119	59.9
15950	15.7	68.4	120	59.9
15960	14.9	67.8	121	59.9
15970	14.4	67.2	121	59.6
15980	13.6	66.6	122	59.6
15990	14.9	66.0	122	49.5
16000	21.3	65.6	123	40.9
16010	28.1	65.2	123	37.5
16020	30.6	64.8	124	33.5
16030	28.5	64.6	124	24.7
16040	23.1	64.4	124	21.5
16050	18.2	64.2	124	15.1
16060	14.2	64.1	124	13.0
16070	11.7	64.0	124	9.5
16080	8.8	63.9	125	6.6
16090	5.2	63.8	125	6.3
16100	-3.9	63.8	125	4.2
16110	-3.8	63.8	125	3.1
16120	-3.5	63.7	125	2.6
16130	-3.8	63.7	125	2.9

16140	-4.1	63.7	125	2.1
16150	-5.8	63.7	125	1.5
16160	-7.9	63.7	125	0.2
16170	-10.0	63.7	125	-1.3
16180	-11.8	63.7	125	-5.0
16190	-10.0	63.8	125	-8.2
16200	-7.5	63.9	125	-10.6
16210	-7.5	64.0	124	-16.2
16220	-10.6	64.2	124	-18.9
16230	-14.8	64.4	124	-22.8
16240	-17.6	64.6	124	-28.2
16250	-18.4	64.9	124	-34.3
16260	-18.4	65.3	123	-40.9
16270	-18.2	65.7	123	-47.1
16280	-18.6	66.2	122	-53.5
16290	-19.5	66.7	122	-59.6
16300	-21.6	67.3	121	-56.4
16310	-25.8	67.8	121	-56.7
16320	-30.0	68.4	120	-57.2
16330	-33.0	69.0	119	-58.5
16340	-34.4	69.6	119	-58.8
16350	-35.3	70.2	118	-59.1
16360	-36.2	70.8	118	-59.3
16370	-37.3	71.4	117	-59.6
16380	-38.5	72.0	116	-59.6
16390	-40.0	72.6	116	-59.6
16400	-41.6	73.2	115	-59.6
16410	-43.8	73.8	115	-59.9
16420	-45.8	74.4	114	-59.9
16430	-47.9	75.0	113	-60.1
16440	-49.0	75.6	113	-60.1
16450	-49.1	76.2	112	-59.9
16460	-47.9	76.8	112	-60.1
16470	-46.6	77.4	111	-60.1
16480	-46.4	78.0	110	-60.1
16490	-47.3	78.6	110	-60.1
16500	-49.2	79.2	109	-60.1
16510	-51.3	79.8	109	-60.4
16520	-52.1	80.4	108	-60.1
16530	-52.2	81.0	107	-60.1
16540	-51.5	81.6	107	-60.1
16550	-50.6	82.2	106	-60.4
16560	-50.6	82.8	106	-60.1
16570	-51.7	83.4	105	-60.4
16580	-53.3	84.0	104	-60.4
16590	-55.1	84.6	104	-60.4
16600	-56.4	85.2	103	-60.1
16610	-56.8	85.8	103	-60.1
16620	-57.0	86.4	102	-60.4
16630	-56.7	87.0	101	-60.1
16640	-56.1	87.6	101	-60.4
16650	-55.6	88.2	100	-59.9
16660	-55.7	88.8	100	-59.6
16670	-56.0	89.4	99	-59.9

16680	-56.5	90.0	98	-60.4
16690	-57.5	90.6	98	-60.4
16700	-58.3	91.2	97	-60.1
16710	-59.0	91.8	97	-60.1
16720	-59.0	92.4	96	-59.9
16730	-58.6	93.0	95	-60.1
16740	-58.6	93.6	95	-60.1
16750	-59.4	94.2	94	-59.9
16760	-60.5	94.8	94	-60.1
16770	-61.4	95.4	93	-60.4
16780	-62.2	96.0	92	-60.4
16790	-62.8	96.6	92	-60.4
16800	-62.9	97.2	91	-59.9
16810	-62.4	97.8	91	-60.6
16820	-61.4	98.4	90	-60.4
16830	-60.9	99.0	89	-60.4
16840	-60.9	99.6	89	-60.4
16850	-61.6	100.2	88	-60.4
16860	-62.0	100.9	88	-60.6
16870	-62.5	101.5	87	-60.6
16880	-62.8	102.1	86	-60.6
16890	-63.1	102.7	86	-60.4
16900	-63.1	103.3	85	-60.6
16910	-62.8	103.9	85	-60.6
16920	-62.8	104.5	84	-60.6
16930	-62.9	105.1	83	-60.6
16940	-63.2	105.7	83	-60.6
16950	-63.7	106.3	82	-60.6
16960	-64.4	106.9	82	-60.9
16970	-64.4	107.5	81	-60.9
16980	-64.4	108.1	80	-60.9
16990	-64.1	108.8	80	-61.2
17000	-64.4	109.4	79	-61.2
17010	-65.0	110.0	78	-60.6
17020	-65.8	110.6	78	-60.9
17030	-66.3	111.2	77	-60.9
17040	-66.7	111.8	77	-60.9
17050	-66.7	112.4	76	-60.9
17060	-66.9	113.0	75	-60.9
17070	-67.0	113.6	75	-60.9
17080	-66.9	114.2	74	-60.9
17090	-66.4	114.9	74	-60.9
17100	-66.2	115.5	73	-60.9
17110	-65.8	116.1	72	-60.9
17120	-65.8	116.7	72	-60.9
17130	-65.9	117.3	71	-60.9
17140	-66.2	117.9	71	-61.2
17150	-66.2	118.5	70	-60.9
17160	-65.8	119.1	69	-61.2
17170	-64.8	119.7	69	-61.4
17180	-64.3	120.4	68	-60.9
17190	-63.7	121.0	67	-60.6
17200	-63.9	121.6	67	-60.9
17210	-64.3	122.2	66	-61.2

17220	-65.0	122.8	66	-60.9
17230	-65.1	123.4	65	-61.4
17240	-64.7	124.0	64	-60.9
17250	-64.3	124.6	64	-61.2
17260	-63.5	125.2	63	-61.2
17270	-62.5	125.8	63	-61.2
17280	-61.7	126.5	62	-60.9
17290	-61.0	127.1	61	-61.2
17300	-60.7	127.7	61	-61.2
17310	-61.0	128.3	60	-60.9
17320	-61.2	128.9	60	-61.2
17330	-61.4	129.5	59	-60.9
17340	-61.6	130.1	58	-60.9
17350	-62.0	130.7	58	-60.9
17360	-62.0	131.3	57	-60.6
17370	-61.8	131.9	57	-60.6
17380	-61.3	132.6	56	-60.9
17390	-61.6	133.2	55	-60.9
17400	-61.7	133.8	55	-60.9
17410	-61.8	134.4	54	-60.9
17420	-62.0	135.0	53	-60.9
17430	-62.1	135.6	53	-61.2
17440	-61.8	136.2	52	-61.2
17450	-61.7	136.8	52	-61.2
17460	-61.3	137.4	51	-61.2
17470	-61.2	138.1	50	-60.9
17480	-60.7	138.7	50	-60.9
17490	-60.3	139.3	49	-60.9
17500	-60.2	139.9	49	-60.6
17510	-60.2	140.5	48	-60.9
17520	-59.9	141.1	47	-60.9
17530	-60.2	141.7	47	-61.2
17540	-59.9	142.3	46	-60.9
17550	-59.5	142.9	46	-60.9
17560	-58.7	143.6	45	-61.4
17570	-58.0	144.2	44	-60.9
17580	-57.2	144.8	44	-60.9
17590	-57.0	145.4	43	-60.9
17600	-57.0	146.0	42	-60.9
17610	-57.4	146.6	42	-60.9
17620	-57.5	147.2	41	-60.9
17630	-57.9	147.8	41	-60.9
17640	-57.8	148.4	40	-60.6
17650	-57.4	149.0	39	-60.6
17660	-56.5	149.6	39	-60.4
17670	-56.0	150.3	38	-60.6
17680	-55.2	150.9	38	-60.4
17690	-54.8	151.5	37	-60.6
17700	-54.0	152.1	36	-60.6
17710	-53.6	152.7	36	-60.6
17720	-53.4	153.3	35	-60.4
17730	-53.8	153.9	35	-60.9
17740	-54.2	154.5	34	-60.9
17750	-54.1	155.1	33	-60.6

17760	-54.4	155.7	33	-60.6
17770	-54.4	156.3	32	-60.6
17780	-54.2	156.9	32	-60.6
17790	-54.0	157.5	31	-60.6
17800	-54.0	158.1	30	-60.1
17810	-53.4	158.7	30	-60.4
17820	-52.6	159.3	29	-60.6
17830	-51.8	160.0	28	-60.4
17840	-51.5	160.6	28	-60.4
17850	-50.9	161.2	27	-60.4
17860	-50.3	161.8	27	-60.4
17870	-49.5	162.4	26	-60.6
17880	-49.2	163.0	25	-60.4
17890	-49.1	163.6	25	-60.1
17900	-49.4	164.2	24	-60.4
17910	-49.5	164.8	24	-60.4
17920	-49.6	165.4	23	-60.4
17930	-49.4	166.0	22	-60.1
17940	-49.0	166.6	22	-60.1
17950	-48.0	167.2	21	-59.9
17960	-46.8	167.8	21	-59.9
17970	-45.7	168.4	20	-59.6
17980	-45.2	169.0	19	-59.3
17990	-45.0	169.6	19	-59.3
18000	-44.6	170.2	18	-59.9
18010	-44.6	170.8	18	-59.6
18020	-44.6	171.4	17	-59.6
18030	-44.9	172.0	16	-59.6
18040	-44.7	172.6	16	-59.9
18050	-44.3	173.2	15	-59.9
18060	-43.8	173.8	15	-59.9
18070	-43.3	174.4	14	-59.6
18080	-42.7	175.0	13	-59.9
18090	-41.9	175.6	13	-59.6
18100	-41.2	176.2	12	-59.6
18110	-40.4	176.8	12	-59.6
18120	-40.0	177.4	11	-59.6
18130	-39.6	177.9	11	-59.6
18140	-39.2	178.5	10	-59.6
18150	-38.4	179.1	9	-59.6
18160	-36.6	179.7	9	-59.3
18170	-34.4	180.3	8	-59.6
18180	-32.8	180.9	8	-59.3
18190	-32.0	181.5	7	-59.3
18200	-31.9	182.1	6	-59.3
18210	-32.0	182.7	6	-59.3
18220	-31.1	183.3	5	-59.3
18230	-29.8	183.9	5	-59.1
18240	-27.5	184.5	4	-59.1
18250	-25.2	185.1	3	-59.3
18260	-22.9	185.7	3	-59.3
18270	-21.8	186.3	2	-59.1
18280	-22.1	186.8	2	-61.2
18290	-27.8	187.3	1	-48.7

18300	-34.2	187.7	1	-40.4
18310	-36.3	188.0	0	-30.6
18320	-33.4	188.3	0	-22.3
18330	-25.6	188.5	0	-21.5
18340	-17.2	188.6	0	-16.7
18350	-11.0	188.8	0	-12.7
18360	-8.1	188.9	0	-10.1
18370	-7.9	188.9	0	-7.9
18380	-8.7	189.0	-1	-6.1
18390	-9.2	189.0	-1	-4.7
18400	-8.4	189.1	-1	-3.7
18410	-5.7	189.1	-1	-2.9
18420	-1.8	189.1	-1	-2.6
18430	0.0	189.2	-1	-1.5
18440	0.0	189.2	-1	-1.0
18450	-5.0	189.2	-1	-0.5
18460	-1.8	189.2	-1	-0.2
18470	0.8	189.2	-1	0.0
18480	0.9	189.2	-1	0.0
18490	0.9	189.2	-1	0.2
18500	2.0	189.2	-1	0.5
18510	28.2	189.2	-1	1.3
18520	41.4	189.1	-1	5.8
18530	45.4	189.0	-1	11.7
18540	41.6	188.8	0	17.3
18550	34.2	188.6	0	23.1
18560	29.6	188.3	0	27.1
18570	31.9	188.0	0	30.3
18580	40.0	187.6	1	34.6
18590	47.2	187.2	1	40.4
18600	48.1	186.7	2	48.1
18610	42.7	186.1	2	60.6
18620	39.1	185.5	3	60.4
18630	40.0	184.8	4	60.6
18640	45.0	184.2	4	60.9
18650	50.6	183.6	5	61.2
18660	53.6	183.0	5	61.2
18670	52.6	182.4	6	61.2
18680	50.2	181.8	7	60.9
18690	46.5	181.2	7	60.6
18700	45.2	180.6	8	60.6
18710	45.7	180.0	8	60.4
18720	48.7	179.4	9	60.9
18730	51.1	178.7	10	61.2
18740	52.5	178.1	10	61.2
18750	51.5	177.5	11	61.2
18760	49.8	176.9	12	60.9
18770	47.9	176.3	12	60.9
18780	46.9	175.7	13	60.9
18790	46.9	175.1	13	60.6
18800	47.7	174.5	14	60.6
18810	47.7	173.9	15	60.6
18820	47.2	173.3	15	60.6
18830	46.0	172.7	16	60.6

18840	45.0	172.1	16	60.4
18850	44.9	171.4	17	60.6
18860	45.2	170.8	18	60.4
18870	45.6	170.2	18	60.6
18880	46.1	169.6	19	60.6
18890	46.0	169.0	19	60.4
18900	45.2	168.4	20	60.4
18910	44.3	167.8	21	60.4
18920	43.5	167.2	21	60.4
18930	43.7	166.6	22	60.4
18940	43.7	166.0	22	60.6
18950	44.2	165.4	23	60.9
18960	43.9	164.8	24	60.6
18970	43.9	164.2	24	60.4
18980	42.7	163.6	25	60.6
18990	41.8	163.0	25	60.6
19000	41.0	162.4	26	60.4
19010	41.4	161.8	27	60.4
19020	41.9	161.1	27	60.4
19030	42.7	160.5	28	60.6
19040	42.4	159.9	29	60.4
19050	42.2	159.3	29	60.4
19060	41.1	158.7	30	60.4
19070	40.5	158.1	30	60.4
19080	40.3	157.5	31	60.4
19090	41.0	156.9	32	60.4
19100	41.5	156.3	32	60.1
19110	41.9	155.7	33	60.4
19120	41.9	155.1	33	60.6
19130	41.4	154.5	34	60.4
19140	41.4	153.9	35	60.4
19150	41.5	153.3	35	60.1
19160	41.8	152.7	36	60.6
19170	42.0	152.1	36	60.4
19180	42.3	151.5	37	60.1
19190	42.2	150.9	38	60.4
19200	41.9	150.3	38	60.4
19210	41.4	149.7	39	60.4
19220	41.4	149.1	39	60.4
19230	41.5	148.4	40	60.4
19240	42.2	147.8	41	60.6
19250	42.3	147.2	41	60.6
19260	42.2	146.6	42	60.9
19270	41.8	146.0	42	60.4
19280	41.5	145.4	43	60.4
19290	41.4	144.8	44	60.4
19300	41.4	144.2	44	60.6
19310	41.6	143.6	45	60.4
19320	41.8	143.0	45	60.6
19330	41.5	142.4	46	60.4
19340	41.0	141.8	47	60.6
19350	40.0	141.2	47	60.4
19360	39.3	140.6	48	60.4
19370	39.3	140.0	48	60.1

19380	39.2	139.4	49	60.6
19390	39.2	138.8	50	60.4
19400	38.6	138.2	50	60.6
19410	38.4	137.6	51	60.4
19420	37.8	136.9	52	60.4
19430	38.0	136.3	52	60.4
19440	38.1	135.7	53	60.4
19450	38.9	135.1	53	60.4
19460	38.8	134.5	54	60.4
19470	38.9	133.9	55	60.4
19480	38.4	133.3	55	60.1
19490	37.8	132.7	56	60.1
19500	36.9	132.1	56	60.1
19510	36.5	131.5	57	60.4
19520	36.2	130.9	58	60.1
19530	36.2	130.3	58	60.4
19540	36.2	129.7	59	60.1
19550	36.1	129.1	59	60.4
19560	35.9	128.5	60	60.4
19570	35.5	127.9	61	60.4
19580	35.8	127.3	61	60.4
19590	36.1	126.7	62	60.1
19600	36.9	126.1	62	60.4
19610	36.9	125.5	63	60.1
19620	37.0	124.9	64	60.4
19630	36.3	124.3	64	60.4
19640	35.8	123.7	65	60.1
19650	34.6	123.1	65	60.4
19660	34.0	122.5	66	60.4
19670	33.6	121.9	67	60.1
19680	33.9	121.3	67	60.1
19690	34.0	120.7	68	60.4
19700	34.0	120.1	68	60.1
19710	34.0	119.4	69	60.4
19720	34.0	118.8	70	60.4
19730	33.9	118.2	70	60.4
19740	33.6	117.6	71	60.6
19750	33.5	117.0	71	60.1
19760	33.6	116.4	72	60.1
19770	33.8	115.8	73	60.1
19780	33.1	115.2	73	60.4
19790	32.8	114.6	74	60.1
19800	32.1	114.0	74	60.4
19810	32.3	113.4	75	60.4
19820	32.1	112.8	76	60.4
19830	32.7	112.2	76	60.4
19840	32.7	111.6	77	60.4
19850	33.0	111.0	77	60.4
19860	32.7	110.4	78	60.4
19870	32.5	109.8	79	60.4
19880	32.3	109.2	79	60.4
19890	32.4	108.6	80	60.4
19900	32.4	108.0	80	60.1
19910	32.4	107.4	81	60.6

19920	31.9	106.8	82	60.4
19930	31.9	106.2	82	60.4
19940	31.7	105.6	83	60.4
19950	31.6	105.0	83	60.4
19960	31.7	104.4	84	60.6
19970	31.3	103.7	85	60.4
19980	31.2	103.1	85	60.4
19990	30.5	102.5	86	60.4
20000	30.0	101.9	87	60.4
20010	29.2	101.3	87	60.1
20020	28.9	100.7	88	60.4
20030	28.3	100.1	88	60.1
20040	28.1	99.5	89	60.1
20050	27.7	98.9	90	60.1
20060	27.9	98.3	90	60.1
20070	27.7	97.7	91	60.1
20080	27.9	97.1	91	60.1
20090	27.8	96.5	92	60.4
20100	27.8	95.9	93	60.4
20110	27.7	95.3	93	60.1
20120	27.9	94.7	94	60.1
20130	27.9	94.1	94	60.4
20140	27.7	93.5	95	60.4
20150	27.5	92.9	96	60.4
20160	26.6	92.3	96	60.4
20170	26.3	91.7	97	60.1
20180	25.2	91.1	97	60.1
20190	25.1	90.5	98	60.1
20200	24.8	89.9	99	60.1
20210	25.2	89.3	99	60.1
20220	25.1	88.7	100	60.4
20230	25.2	88.1	100	60.1
20240	24.8	87.5	101	60.4
20250	24.7	86.9	102	60.1
20260	24.4	86.3	102	60.4
20270	24.5	85.7	103	60.4
20280	24.4	85.0	103	60.4
20290	24.8	84.4	104	60.1
20300	24.7	83.8	105	60.1
20310	24.7	83.2	105	60.4
20320	24.7	82.6	106	60.4
20330	24.5	82.0	106	60.4
20340	24.8	81.4	107	60.4
20350	24.7	80.8	108	60.4
20360	24.4	80.2	108	60.4
20370	23.9	79.6	109	60.4
20380	23.6	79.0	109	60.1
20390	23.2	78.4	110	60.4
20400	22.9	77.8	111	60.4
20410	22.5	77.2	111	60.4
20420	22.9	76.6	112	60.4
20430	22.6	76.0	112	60.4
20440	22.5	75.4	113	60.4
20450	22.0	74.8	114	60.4

20460	21.7	74.2	114	60.4
20470	21.3	73.6	115	60.1
20480	20.9	73.0	115	60.1
20490	20.7	72.4	116	60.1
20500	20.9	71.8	117	60.1
20510	21.4	71.2	117	60.1
20520	21.4	70.6	118	60.4
20530	21.7	70.0	118	60.1
20540	21.2	69.4	119	60.1
20550	21.0	68.8	120	60.4
20560	20.1	68.2	120	59.9
20570	19.7	67.6	121	60.1
20580	19.4	67.0	121	60.1
20590	19.4	66.4	122	53.7
20600	23.2	65.8	123	46.3
20610	30.4	65.4	123	38.3
20620	35.9	65.0	123	38.3
20630	36.7	64.7	124	28.4
20640	33.9	64.5	124	20.4
20650	28.7	64.3	124	18.1
20660	24.1	64.1	124	12.5
20670	21.0	64.0	124	11.1
20680	19.3	63.9	125	7.7
20690	17.5	63.8	125	7.4
20700	16.7	63.8	125	5.5
20710	16.4	63.7	125	3.9
20720	16.4	63.7	125	3.1
20730	17.0	63.7	125	2.9
20740	16.1	63.7	125	2.9
20750	13.3	63.6	125	2.6
20760	7.5	63.6	125	2.1
20770	-1.2	63.6	125	0.0
20780	-1.2	63.6	125	0.2
20790	-3.1	63.6	125	0.0
20800	-13.8	63.6	125	-0.7
20810	-20.6	63.6	125	-2.9
20820	-22.1	63.7	125	-7.1
20830	-16.7	63.8	125	-12.2
20840	-11.5	64.0	124	-17.3
20850	-12.2	64.2	124	-20.2
20860	-17.6	64.4	124	-24.2
20870	-23.9	64.8	124	-29.0
20880	-25.4	65.1	123	-35.9
20890	-20.6	65.6	123	-42.5
20900	-13.7	66.1	122	-48.1
20910	-11.3	66.7	122	-55.9
20920	-15.7	67.2	121	-55.9
20930	-23.9	67.8	121	-56.7
20940	-29.3	68.4	120	-57.2
20950	-29.8	69.0	119	-58.3
20960	-27.8	69.5	119	-58.5
20970	-27.7	70.1	118	-58.5
20980	-31.9	70.7	118	-59.1
20990	-38.0	71.3	117	-59.6

21000	-42.8	71.9	117	-60.1
21010	-45.3	72.5	116	-60.1
21020	-44.7	73.1	115	-60.1
21030	-43.9	73.7	115	-59.9
21040	-45.0	74.3	114	-60.1
21050	-48.3	74.9	114	-60.4
21060	-51.7	75.5	113	-60.4
21070	-54.4	76.1	112	-60.1
21080	-54.8	76.7	112	-60.4
21090	-53.4	77.3	111	-60.1
21100	-51.8	77.9	111	-60.1
21110	-52.5	78.5	110	-59.9
21120	-54.5	79.1	109	-60.1
21130	-57.2	79.7	109	-60.4
21140	-58.7	80.3	108	-60.4
21150	-59.1	80.9	108	-60.1
21160	-58.4	81.6	107	-60.4
21170	-58.0	82.2	106	-60.4
21180	-58.6	82.8	106	-60.1
21190	-59.4	83.4	105	-60.4
21200	-60.1	84.0	104	-60.4
21210	-59.8	84.6	104	-60.4
21220	-58.9	85.2	103	-60.1
21230	-58.0	85.8	103	-59.9
21240	-58.7	86.4	102	-60.1
21250	-60.1	87.0	101	-60.1
21260	-61.2	87.6	101	-60.6
21270	-61.7	88.2	100	-60.1
21280	-62.0	88.8	100	-60.1
21290	-61.4	89.4	99	-60.1
21300	-60.5	90.0	98	-60.4
21310	-60.3	90.6	98	-60.4
21320	-60.6	91.2	97	-60.4
21330	-61.6	91.8	97	-60.1
21340	-62.2	92.4	96	-60.1
21350	-63.1	93.0	95	-60.6
21360	-63.9	93.6	95	-60.4
21370	-64.5	94.2	94	-60.4
21380	-64.5	94.8	94	-60.4
21390	-64.4	95.4	93	-60.6
21400	-64.4	96.0	92	-60.4
21410	-64.5	96.6	92	-60.4
21420	-64.8	97.2	91	-60.4
21430	-64.8	97.8	91	-60.6
21440	-64.8	98.5	90	-60.9
21450	-65.0	99.1	89	-60.6
21460	-65.1	99.7	89	-60.6
21470	-65.5	100.3	88	-60.6
21480	-65.1	100.9	88	-60.9
21490	-65.0	101.5	87	-60.6
21500	-64.5	102.1	86	-60.6
21510	-64.4	102.7	86	-60.6
21520	-64.7	103.3	85	-60.6
21530	-65.0	103.9	85	-60.6

21540	-65.2	104.5	84	-60.6
21550	-65.1	105.1	83	-60.9
21560	-64.7	105.7	83	-60.9
21570	-64.4	106.4	82	-60.9
21580	-64.4	107.0	81	-60.9
21590	-64.3	107.6	81	-60.9
21600	-64.3	108.2	80	-61.2
21610	-64.0	108.8	80	-61.2
21620	-64.1	109.4	79	-61.2
21630	-64.5	110.0	78	-60.9
21640	-65.1	110.6	78	-60.9
21650	-65.6	111.2	77	-61.2
21660	-66.4	111.8	77	-60.9
21670	-66.4	112.5	76	-60.6
21680	-66.3	113.1	75	-60.6
21690	-65.9	113.7	75	-60.9
21700	-65.5	114.3	74	-60.9
21710	-65.4	114.9	74	-60.4
21720	-65.4	115.5	73	-60.6
21730	-65.1	116.1	72	-60.9
21740	-64.4	116.7	72	-61.2
21750	-63.6	117.3	71	-60.9
21760	-63.2	117.9	71	-60.9
21770	-63.2	118.5	70	-60.9
21780	-63.2	119.2	69	-60.9
21790	-63.2	119.8	69	-61.2
21800	-63.3	120.4	68	-60.9
21810	-63.1	121.0	67	-60.6
21820	-62.8	121.6	67	-60.6
21830	-62.6	122.2	66	-61.2
21840	-62.9	122.8	66	-60.9
21850	-62.9	123.4	65	-60.9
21860	-63.3	124.0	64	-60.9
21870	-63.5	124.6	64	-61.2
21880	-63.2	125.3	63	-61.2
21890	-62.4	125.9	63	-60.9
21900	-61.6	126.5	62	-61.2
21910	-61.4	127.1	61	-61.2
21920	-61.7	127.7	61	-61.2
21930	-62.2	128.3	60	-60.9
21940	-62.8	128.9	60	-60.9
21950	-62.8	129.5	59	-61.2
21960	-62.4	130.1	58	-60.9
21970	-62.2	130.8	58	-60.9
21980	-61.6	131.4	57	-60.6
21990	-61.2	132.0	56	-60.6
22000	-60.7	132.6	56	-60.9
22010	-60.7	133.2	55	-60.6
22020	-60.5	133.8	55	-60.9
22030	-60.3	134.4	54	-60.9
22040	-60.2	135.0	53	-60.9
22050	-60.2	135.6	53	-61.2
22060	-59.8	136.2	52	-60.9
22070	-59.5	136.9	52	-61.2

22080	-59.1	137.5	51	-60.9
22090	-59.0	138.1	50	-60.9
22100	-58.7	138.7	50	-60.9
22110	-58.3	139.3	49	-60.6
22120	-57.8	139.9	49	-60.9
22130	-57.4	140.5	48	-60.9
22140	-56.5	141.1	47	-60.9
22150	-56.1	141.7	47	-60.9
22160	-55.9	142.3	46	-60.9
22170	-55.9	142.9	46	-60.9
22180	-55.9	143.6	45	-61.2
22190	-56.1	144.2	44	-60.9
22200	-56.0	144.8	44	-60.9
22210	-56.3	145.4	43	-60.6
22220	-56.5	146.0	42	-60.9
22230	-56.7	146.6	42	-61.2
22240	-56.4	147.2	41	-60.6
22250	-56.5	147.8	41	-60.6
22260	-56.3	148.4	40	-60.6
22270	-55.9	149.0	39	-60.6
22280	-55.3	149.6	39	-60.4
22290	-54.8	150.2	38	-60.4
22300	-54.2	150.8	38	-60.4
22310	-54.1	151.5	37	-60.6
22320	-53.7	152.1	36	-60.9
22330	-53.4	152.7	36	-60.6
22340	-53.2	153.3	35	-60.6
22350	-52.5	153.9	35	-60.6
22360	-51.4	154.5	34	-60.6
22370	-50.2	155.1	33	-60.6
22380	-49.6	155.7	33	-60.4
22390	-49.1	156.3	32	-60.1
22400	-48.5	156.9	32	-60.4
22410	-48.1	157.5	31	-60.1
22420	-48.1	158.1	30	-60.1
22430	-48.0	158.7	30	-59.9
22440	-47.5	159.3	29	-60.6
22450	-46.9	159.9	29	-60.1
22460	-46.8	160.5	28	-59.9
22470	-46.5	161.1	27	-60.1
22480	-45.8	161.7	27	-60.1
22490	-44.7	162.3	26	-60.4
22500	-43.7	162.9	26	-60.1
22510	-42.7	163.5	25	-60.1
22520	-41.9	164.1	24	-59.9
22530	-41.2	164.7	24	-60.1
22540	-41.5	165.3	23	-59.9
22550	-42.2	165.9	23	-59.9
22560	-43.1	166.5	22	-59.6
22570	-43.7	167.1	21	-59.6
22580	-43.4	167.7	21	-59.6
22590	-42.6	168.3	20	-59.6
22600	-41.0	168.9	20	-59.1
22610	-39.2	169.5	19	-59.3

22620	-37.3	170.1	1	-59.6
22630	-36.5	170.7	8	-59.6
22640	-36.5	171.3	1	-59.6
22650	-37.8	171.9	8	-59.6
22660	-38.6	172.5	1	-59.6
22670	-39.1	173.1	7	-59.9
22680	-38.6	173.7	1	-59.9
22690	-38.4	174.3	7	-59.6
22700	-38.1	174.9	1	-59.9
22710	-37.8	175.5	6	-59.6
22720	-38.0	176.1	1	-59.9
22730	-37.8	176.7	5	-59.9
22740	-37.8	177.3	1	-59.9
22750	-37.4	177.9	5	-59.6
22760	-36.9	178.5	1	-59.9
22770	-36.1	179.1	4	-59.6
22780	-34.4	179.7	1	-59.9
22790	-32.8	180.3	4	-59.6
22800	-31.7	180.9	1	-59.9
22810	-30.9	181.5	3	-59.3
22820	-30.5	182.0	1	-59.3
22830	-30.1	182.6	2	-59.1
22840	-28.9	183.2	1	-59.3
22850	-28.1	183.8	2	-59.1
22860	-26.8	184.4	1	-59.1
22870	-26.0	185.0	1	-59.3
22880	-24.8	185.6	1	-59.6
22890	-23.7	186.2	1	-59.1
22900	-23.3	186.7	1	-50.8
22910	-27.3	187.2	0	-41.2
22920	-33.9	187.6	9	-41.5
22930	-37.3	188.0	9	-31.4
22940	-36.3	188.2	8	-22.8
22950	-30.8	188.5	8	-22.0
22960	-22.9	188.6	7	-17.5
22970	-16.1	188.8	6	-13.5
22980	-11.7	188.9	6	-10.6
22990	-10.3	188.9	5	-8.2
23000	-10.7	189.0	5	-6.6
23010	-11.7	189.1	4	-5.0
23020	-12.1	189.1	3	-3.4
23030	-11.0	189.1	3	-2.6
23040	-8.4	189.2	2	-2.1
23050	-4.9	189.2	2	-1.5
23060	-0.8	189.2	1	-1.3
23070	-13.2	189.2	1	-0.7
23080	-9.6	189.2	0	-0.2
23090	-6.5	189.2	0	0.0
23100	-3.7	189.2	0	0.0
23110	-0.7	189.2	0	0.0
23120	1.1	189.2	0	0.0
23130	0.8	189.2	0	0.0
23140	1.2	189.2	0	0.7
23150	5.2	189.2	-1	0.5

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23160	35.3	189.2	-1	3.4
23170	44.6	189.1	-1	9.3

## ISOK\_ASSES\_ABD\_ADD\_60\_R\_SIDE

20/07

Set #1

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	232.7	-2	0.0
10	1.8	232.7	-2	0.5
20	1.8	232.7	-2	0.5
30	2.8	232.7	-2	0.2
40	18.8	232.7	-2	2.1
50	25.8	232.7	-2	6.3
60	25.2	232.6	-2	11.1
70	19.1	232.4	-2	16.2
80	13.4	232.3	-2	18.9
90	11.9	232.1	-2	20.7
100	15.2	231.9	-1	22.0
110	19.9	231.7	-1	24.4
120	23.7	231.4	-1	27.9
130	24.7	231.1	-1	32.7
140	23.2	230.8	0	37.5
150	21.0	230.4	0	41.7
160	19.5	230.0	0	45.7
170	19.1	229.6	1	44.7
180	19.4	229.1	1	47.6
190	19.8	228.6	2	50.3
200	20.6	228.1	2	53.5
210	21.0	227.5	3	56.7
220	21.2	226.9	4	59.9
230	22.1	226.3	4	60.1
240	24.7	225.7	5	59.9
250	27.4	225.1	5	60.1
260	28.7	224.5	6	60.1
270	29.0	223.9	7	60.1
280	28.6	223.3	7	60.1
290	27.9	222.7	8	59.9
300	27.1	222.1	8	60.1
310	26.7	221.5	9	59.9
320	26.3	220.9	10	59.9
330	26.7	220.3	10	60.1
340	27.0	219.7	11	59.9
350	28.2	219.1	11	60.1
360	29.0	218.5	12	60.1
370	30.1	217.9	13	59.9
380	30.2	217.3	13	60.1
390	29.7	216.7	14	60.1
400	28.6	216.1	14	60.1
410	27.9	215.5	15	60.1
420	27.9	214.9	16	60.1
430	28.3	214.3	16	60.1
440	28.9	213.7	17	60.1
450	28.7	213.1	17	60.1
460	28.5	212.5	18	60.1
470	27.9	211.9	19	60.1
480	28.2	211.3	19	59.9

490	27.9	210.7	20	59.9
500	28.2	210.1	20	60.1
510	27.9	209.5	21	59.9
520	28.3	208.9	22	59.9
530	28.2	208.3	22	60.1
540	28.2	207.7	23	59.9
550	28.2	207.1	23	59.9
560	28.2	206.5	24	59.6
570	28.2	205.9	25	59.9
580	27.9	205.3	25	59.9
590	27.9	204.7	26	59.6
600	27.8	204.1	26	59.6
610	28.2	203.5	27	59.6
620	28.3	202.9	28	59.9
630	29.0	202.3	28	59.9
640	29.2	201.7	29	59.9
650	29.4	201.1	29	59.9
660	28.9	200.5	30	59.6
670	28.3	199.9	31	59.6
680	27.5	199.3	31	59.6
690	27.5	198.7	32	59.9
700	28.2	198.1	32	59.6
710	28.7	197.5	33	59.9
720	29.3	196.9	34	59.9
730	29.7	196.4	34	59.6
740	30.1	195.8	35	59.6
750	30.0	195.2	35	59.9
760	29.8	194.6	36	59.9
770	29.7	194.0	36	59.9
780	30.1	193.4	37	59.6
790	30.1	192.8	38	59.9
800	30.1	192.2	38	59.9
810	29.8	191.6	39	59.9
820	29.8	191.0	39	59.9
830	30.1	190.4	40	59.9
840	30.2	189.8	41	59.9
850	30.6	189.2	41	59.9
860	30.6	188.6	42	59.9
870	30.8	188.0	42	59.9
880	30.2	187.4	43	59.6
890	30.1	186.8	44	59.9
900	30.0	186.2	44	59.9
910	30.4	185.6	45	59.9
920	30.1	185.0	45	59.9
930	30.2	184.4	46	59.6
940	29.8	183.8	47	59.9
950	29.6	183.2	47	59.6
960	29.4	182.6	48	59.6
970	29.3	182.0	48	59.3
980	29.2	181.4	49	59.9
990	28.5	180.8	50	59.6
1000	28.2	180.2	50	59.6
1010	27.9	179.6	51	59.6
1020	28.7	179.0	51	59.6

1030	29.3	178.4	52	59.6
1040	30.0	177.8	53	59.6
1050	29.7	177.2	53	59.6
1060	29.4	176.6	54	59.9
1070	29.2	176.0	54	59.6
1080	29.2	175.4	55	59.6
1090	29.6	174.8	56	59.3
1100	29.8	174.2	56	59.6
1110	30.2	173.6	57	59.9
1120	30.1	173.0	57	59.6
1130	30.0	172.4	58	59.6
1140	29.6	171.8	59	59.6
1150	29.4	171.3	59	59.6
1160	29.0	170.7	60	59.6
1170	29.0	170.1	60	59.9
1180	29.2	169.5	61	59.6
1190	29.0	168.9	62	59.6
1200	29.0	168.3	62	59.6
1210	28.6	167.7	63	59.6
1220	28.9	167.1	63	59.6
1230	28.6	166.5	64	59.6
1240	29.0	165.9	65	59.9
1250	28.6	165.3	65	59.9
1260	28.6	164.7	66	59.6
1270	28.1	164.1	66	59.3
1280	27.4	163.5	67	59.6
1290	26.8	162.9	68	59.3
1300	26.6	162.3	68	59.6
1310	27.1	161.7	69	59.6
1320	27.4	161.1	69	59.3
1330	27.9	160.5	70	59.6
1340	27.7	159.9	71	59.6
1350	28.1	159.3	71	59.6
1360	27.7	158.7	72	59.6
1370	27.4	158.1	72	59.3
1380	26.8	157.5	73	59.6
1390	26.7	156.9	74	59.6
1400	26.4	156.3	74	59.3
1410	26.4	155.8	75	59.3
1420	26.2	155.2	75	59.3
1430	26.0	154.6	76	59.3
1440	26.3	154.0	76	59.3
1450	26.3	153.4	77	59.3
1460	26.6	152.8	78	59.6
1470	26.6	152.2	78	59.6
1480	26.7	151.6	79	59.3
1490	26.3	151.0	79	59.3
1500	26.0	150.4	80	59.3
1510	25.5	149.8	81	59.3
1520	25.2	149.2	81	59.3
1530	25.8	148.6	82	59.6
1540	25.5	148.0	82	59.6
1550	25.2	147.4	83	59.3
1560	24.3	146.8	84	59.3

1570	24.1	146.2	84	59.3
1580	23.7	145.6	85	59.3
1590	23.6	145.0	85	59.3
1600	22.9	144.5	86	59.3
1610	22.5	143.9	87	59.3
1620	22.0	143.3	87	59.1
1630	21.8	142.7	88	59.3
1640	22.1	142.1	88	59.6
1650	22.1	141.5	89	59.3
1660	22.6	140.9	90	59.3
1670	22.2	140.3	90	59.6
1680	22.1	139.7	91	59.3
1690	21.4	139.1	91	59.6
1700	21.3	138.5	92	59.6
1710	21.4	137.9	93	59.3
1720	21.7	137.3	93	59.3
1730	21.4	136.7	94	59.3
1740	20.2	136.1	94	59.3
1750	19.7	135.5	95	59.3
1760	19.1	134.9	96	59.1
1770	19.3	134.4	96	59.3
1780	19.1	133.8	97	59.6
1790	19.7	133.2	97	59.3
1800	20.1	132.6	98	59.3
1810	20.3	132.0	98	59.6
1820	20.6	131.4	99	59.6
1830	20.9	130.8	100	59.6
1840	21.3	130.2	100	59.6
1850	21.2	129.6	101	59.3
1860	20.9	129.0	101	59.3
1870	19.9	128.4	102	59.6
1880	19.4	127.8	103	59.3
1890	18.7	127.2	103	59.3
1900	19.0	126.6	104	59.3
1910	19.1	126.0	104	59.3
1920	19.7	125.4	105	59.6
1930	20.7	124.8	106	59.6
1940	21.4	124.2	106	59.6
1950	21.7	123.6	107	59.6
1960	21.3	123.0	107	59.6
1970	21.3	122.4	108	59.6
1980	21.2	121.8	109	59.6
1990	21.6	121.3	109	59.6
2000	21.3	120.7	110	59.6
2010	21.0	120.1	110	59.9
2020	21.0	119.5	111	59.6
2030	21.2	118.9	112	59.6
2040	21.7	118.3	112	59.6
2050	21.7	117.7	113	59.9
2060	21.6	117.1	113	59.9
2070	21.2	116.5	114	59.9
2080	20.9	115.9	115	59.9
2090	20.3	115.3	115	59.9
2100	21.0	114.7	116	59.6

2110	21.2	114.1	116	59.9
2120	21.7	113.5	117	59.9
2130	21.4	112.9	118	59.9
2140	21.3	112.3	118	60.1
2150	21.2	111.7	119	60.1
2160	21.2	111.1	119	59.9
2170	21.4	110.5	120	59.6
2180	21.0	109.9	121	60.1
2190	20.2	109.3	121	59.9
2200	19.4	108.7	122	59.6
2210	18.8	108.1	122	59.6
2220	18.8	107.5	123	59.9
2230	19.4	106.9	124	59.9
2240	19.5	106.3	124	59.9
2250	19.8	105.7	125	59.9
2260	19.1	105.1	125	59.9
2270	18.6	104.5	126	60.1
2280	18.0	103.9	127	59.9
2290	18.2	103.3	127	59.6
2300	17.8	102.7	128	59.9
2310	17.2	102.1	128	59.6
2320	16.3	101.5	129	59.6
2330	15.7	100.9	130	59.6
2340	15.5	100.3	130	59.6
2350	15.1	99.7	131	59.9
2360	14.8	99.1	131	59.9
2370	13.8	98.5	132	59.9
2380	12.9	97.9	133	59.6
2390	11.3	97.3	133	59.6
2400	10.4	96.7	134	59.3
2410	9.5	96.1	134	59.6
2420	8.9	95.5	135	59.6
2430	8.8	94.9	136	59.3
2440	8.3	94.3	136	59.3
2450	8.1	93.7	137	59.6
2460	8.3	93.2	137	50.8
2470	14.0	92.7	138	41.7
2480	22.1	92.3	138	35.1
2490	25.8	92.0	138	28.2
2500	23.1	91.7	139	27.9
2510	17.8	91.5	139	20.2
2520	14.2	91.3	139	17.8
2530	13.0	91.2	139	13.0
2540	12.5	91.1	139	9.3
2550	9.4	91.0	139	9.0
2560	-6.2	90.9	140	6.6
2570	-6.0	90.8	140	4.7
2580	-5.7	90.8	140	3.7
2590	-6.4	90.8	140	2.9
2600	-7.2	90.7	140	2.1
2610	-9.9	90.7	140	1.5
2620	-6.5	90.7	140	0.0
2630	-7.2	90.7	140	-0.2
2640	-2.6	90.7	140	-2.9

2650	-5.6	90.8	140	-5.0
2660	-9.6	90.8	140	-8.2
2670	-12.5	90.9	140	-12.5
2680	-13.3	91.1	139	-17.8
2690	-12.7	91.3	139	-21.2
2700	-12.2	91.5	139	-23.4
2710	-11.9	91.8	139	-27.9
2720	-13.0	92.2	138	-32.4
2730	-15.1	92.6	138	-37.2
2740	-17.4	93.0	137	-42.5
2750	-19.5	93.5	137	-48.1
2760	-23.3	94.1	136	-56.7
2770	-29.3	94.7	136	-57.2
2780	-35.7	95.3	135	-58.8
2790	-39.5	95.9	135	-59.6
2800	-40.5	96.5	134	-59.6
2810	-40.0	97.1	133	-59.3
2820	-38.2	97.7	133	-59.6
2830	-36.2	98.3	132	-59.6
2840	-35.0	98.9	132	-59.6
2850	-34.8	99.5	131	-59.3
2860	-35.4	100.1	130	-59.3
2870	-36.1	100.7	130	-59.6
2880	-36.1	101.2	129	-59.9
2890	-36.9	101.8	129	-59.6
2900	-38.1	102.4	128	-59.3
2910	-39.2	103.0	127	-59.6
2920	-40.0	103.6	127	-59.9
2930	-40.4	104.2	126	-59.9
2940	-40.7	104.8	126	-59.9
2950	-40.3	105.4	125	-59.9
2960	-40.0	106.0	124	-59.9
2970	-40.1	106.6	124	-60.1
2980	-41.0	107.2	123	-60.1
2990	-41.8	107.8	123	-60.1
3000	-42.8	108.4	122	-60.1
3010	-43.1	109.0	121	-60.1
3020	-43.4	109.6	121	-60.1
3030	-43.3	110.2	120	-60.1
3040	-43.0	110.8	120	-60.1
3050	-42.8	111.4	119	-59.9
3060	-42.6	112.0	118	-59.9
3070	-42.8	112.6	118	-59.6
3080	-43.5	113.2	117	-59.6
3090	-44.5	113.8	117	-60.1
3100	-44.9	114.4	116	-60.1
3110	-45.0	115.0	115	-59.9
3120	-44.5	115.6	115	-59.9
3130	-43.1	116.2	114	-60.1
3140	-41.8	116.8	114	-60.1
3150	-41.1	117.4	113	-59.9
3160	-41.2	118.0	112	-59.9
3170	-42.0	118.6	112	-60.1
3180	-42.4	119.2	111	-60.4

3190	-43.0	119.9	111	-60.4
3200	-43.3	120.4	110	-59.9
3210	-43.8	121.0	109	-59.9
3220	-44.3	121.6	109	-59.9
3230	-44.5	122.3	108	-60.1
3240	-44.6	122.9	108	-60.1
3250	-44.2	123.5	107	-60.1
3260	-43.8	124.1	106	-59.9
3270	-43.4	124.7	106	-60.1
3280	-43.3	125.3	105	-60.1
3290	-43.5	125.9	105	-60.1
3300	-44.1	126.5	104	-60.1
3310	-44.7	127.1	103	-60.4
3320	-45.4	127.7	103	-60.4
3330	-46.1	128.3	102	-60.1
3340	-46.2	128.9	102	-60.4
3350	-46.0	129.5	101	-60.1
3360	-45.3	130.1	100	-60.1
3370	-44.7	130.7	100	-60.1
3380	-44.3	131.3	99	-59.9
3390	-44.6	131.9	99	-59.9
3400	-44.6	132.5	98	-59.9
3410	-45.2	133.1	97	-59.9
3420	-45.0	133.7	97	-60.1
3430	-45.0	134.3	96	-60.1
3440	-44.9	134.9	96	-60.4
3450	-45.0	135.5	95	-60.4
3460	-45.2	136.1	94	-60.4
3470	-45.0	136.7	94	-60.1
3480	-44.1	137.3	93	-60.4
3490	-42.6	137.9	93	-60.1
3500	-41.0	138.5	92	-59.9
3510	-39.9	139.1	91	-59.9
3520	-39.7	139.7	91	-59.6
3530	-40.3	140.3	90	-59.9
3540	-40.7	140.9	90	-60.1
3550	-41.0	141.5	89	-60.1
3560	-41.0	142.1	88	-59.9
3570	-40.7	142.7	88	-60.1
3580	-40.1	143.3	87	-60.1
3590	-39.3	143.9	87	-60.1
3600	-39.2	144.5	86	-59.9
3610	-39.3	145.1	85	-59.9
3620	-40.1	145.7	85	-60.1
3630	-40.8	146.3	84	-60.4
3640	-41.2	146.9	84	-59.9
3650	-40.8	147.5	83	-59.9
3660	-39.6	148.1	82	-59.9
3670	-38.4	148.7	82	-59.6
3680	-37.3	149.3	81	-59.6
3690	-37.0	149.9	81	-59.9
3700	-37.2	150.5	80	-59.3
3710	-37.2	151.1	79	-59.6
3720	-36.5	151.7	79	-59.9

3730	-36.6	152.3	78	-59.9
3740	-37.3	152.9	78	-59.6
3750	-38.8	153.5	77	-59.9
3760	-39.9	154.1	76	-60.1
3770	-40.5	154.7	76	-59.9
3780	-40.3	155.3	75	-60.1
3790	-40.0	155.9	75	-59.9
3800	-39.7	156.5	74	-60.1
3810	-39.2	157.1	73	-60.1
3820	-39.2	157.7	73	-59.9
3830	-39.1	158.3	72	-59.6
3840	-39.1	158.9	72	-59.9
3850	-38.6	159.5	71	-60.1
3860	-38.5	160.1	70	-59.9
3870	-38.5	160.7	70	-59.9
3880	-38.1	161.3	69	-59.9
3890	-36.7	161.9	69	-59.9
3900	-34.8	162.5	68	-59.9
3910	-33.4	163.1	67	-59.6
3920	-33.2	163.7	67	-59.3
3930	-34.4	164.3	66	-59.9
3940	-35.7	164.9	66	-59.9
3950	-36.7	165.5	65	-59.9
3960	-37.3	166.0	64	-59.9
3970	-37.4	166.6	64	-59.6
3980	-36.9	167.2	63	-59.3
3990	-36.5	167.8	63	-59.6
4000	-36.5	168.4	62	-59.1
4010	-37.2	169.0	61	-59.3
4020	-37.7	169.6	61	-59.3
4030	-38.0	170.2	60	-59.9
4040	-38.0	170.8	60	-59.9
4050	-38.0	171.4	59	-59.9
4060	-37.6	172.0	58	-59.6
4070	-37.2	172.6	58	-59.9
4080	-36.9	173.2	57	-60.1
4090	-37.4	173.8	57	-60.1
4100	-38.8	174.4	56	-59.9
4110	-39.6	175.0	55	-59.9
4120	-39.3	175.6	55	-60.1
4130	-38.1	176.2	54	-60.1
4140	-35.8	176.8	54	-60.1
4150	-33.6	177.4	53	-59.9
4160	-32.4	178.0	52	-59.6
4170	-32.3	178.6	52	-59.6
4180	-33.8	179.2	51	-59.6
4190	-35.7	179.8	51	-59.9
4200	-37.0	180.4	50	-60.1
4210	-37.7	181.0	49	-60.1
4220	-37.3	181.6	49	-60.1
4230	-36.6	182.2	48	-59.9
4240	-35.8	182.8	48	-59.9
4250	-35.4	183.4	47	-59.9
4260	-36.1	184.0	46	-59.6

4270	-37.2	184.6	46	-59.6
4280	-38.2	185.2	45	-59.9
4290	-38.1	185.8	45	-59.6
4300	-37.2	186.4	44	-59.6
4310	-35.4	187.0	43	-59.1
4320	-33.6	187.6	43	-59.9
4330	-32.1	188.2	42	-59.9
4340	-31.9	188.8	42	-59.9
4350	-32.5	189.4	41	-59.9
4360	-33.9	190.0	40	-59.9
4370	-34.8	190.6	40	-59.9
4380	-34.7	191.2	39	-60.1
4390	-34.2	191.8	39	-59.9
4400	-33.8	192.4	38	-59.6
4410	-33.4	193.0	37	-59.3
4420	-33.8	193.5	37	-59.6
4430	-34.2	194.1	36	-59.9
4440	-34.6	194.7	36	-60.1
4450	-34.7	195.3	35	-59.9
4460	-34.4	195.9	35	-59.9
4470	-33.9	196.5	34	-59.9
4480	-33.2	197.1	33	-59.9
4490	-32.7	197.7	33	-59.9
4500	-32.4	198.3	32	-59.6
4510	-32.4	198.9	32	-59.6
4520	-33.1	199.5	31	-59.9
4530	-33.9	200.1	30	-59.9
4540	-34.4	200.7	30	-59.6
4550	-34.0	201.3	29	-59.9
4560	-33.0	201.9	29	-59.6
4570	-31.6	202.5	28	-59.3
4580	-30.9	203.1	27	-59.6
4590	-30.8	203.7	27	-59.3
4600	-31.1	204.3	26	-59.3
4610	-31.2	204.9	26	-59.3
4620	-31.2	205.5	25	-59.6
4630	-30.8	206.1	24	-59.6
4640	-30.2	206.7	24	-59.6
4650	-29.0	207.3	23	-59.6
4660	-27.9	207.9	23	-59.3
4670	-27.7	208.5	22	-59.3
4680	-27.5	209.1	21	-59.3
4690	-27.9	209.6	21	-59.3
4700	-27.5	210.2	20	-59.3
4710	-27.3	210.8	20	-59.1
4720	-26.6	211.4	19	-59.3
4730	-26.3	212.0	18	-59.3
4740	-26.3	212.6	18	-59.6
4750	-27.1	213.2	17	-59.9
4760	-27.8	213.8	17	-59.6
4770	-28.5	214.4	16	-59.6
4780	-27.8	215.0	15	-59.9
4790	-26.0	215.6	15	-59.9
4800	-24.5	216.2	14	-59.3

4810	-23.3	216.8	14	-59.3
4820	-23.3	217.4	13	-59.1
4830	-24.1	218.0	12	-59.3
4840	-25.4	218.6	12	-59.3
4850	-26.0	219.2	11	-59.3
4860	-25.9	219.8	11	-59.3
4870	-25.1	220.3	10	-59.3
4880	-23.6	220.9	10	-59.3
4890	-23.5	221.5	9	-59.3
4900	-23.9	222.1	8	-59.1
4910	-25.0	222.7	8	-59.3
4920	-25.0	223.3	7	-59.6
4930	-24.4	223.9	7	-59.9
4940	-23.1	224.5	6	-59.3
4950	-22.0	225.1	5	-59.1
4960	-20.6	225.7	5	-59.3
4970	-19.7	226.3	4	-59.3
4980	-19.8	226.9	4	-59.3
4990	-20.5	227.5	3	-59.1
5000	-21.0	228.1	2	-59.3
5010	-20.2	228.7	2	-59.3
5020	-18.6	229.3	1	-59.1
5030	-16.1	229.8	1	-59.1
5040	-15.9	230.4	0	-60.4
5050	-21.6	230.9	0	-47.3
5060	-27.9	231.2	-1	-39.4
5070	-29.4	231.5	-1	-29.2
5080	-25.6	231.8	-1	-21.0
5090	-17.8	232.0	-2	-16.7
5100	-9.6	232.1	-2	-12.7
5110	-3.7	232.3	-2	-10.1
5120	-0.5	232.4	-2	-7.9
5130	0.0	232.4	-2	-6.1
5140	0.0	232.5	-2	-5.0
5150	0.0	232.5	-2	-5.0
5160	0.0	232.6	-2	-3.9
5170	0.0	232.6	-2	-2.9
5180	0.0	232.6	-2	-2.1
5190	0.0	232.6	-2	-1.5
5200	0.0	232.7	-2	-1.3
5210	1.1	232.7	-2	-0.7
5220	2.7	232.7	-2	-0.7
5230	11.8	232.7	-2	0.7
5240	27.3	232.6	-2	4.2
5250	26.4	232.6	-2	8.2
5260	18.3	232.5	-2	11.9
5270	10.4	232.3	-2	13.8
5280	9.1	232.1	-2	14.1
5290	13.7	232.0	-2	14.6
5300	20.2	231.8	-1	16.2
5310	23.5	231.6	-1	19.4
5320	22.4	231.4	-1	22.8
5330	19.0	231.1	-1	26.3
5340	16.3	230.8	0	28.7

5350	15.9	230.4	0	30.8
5360	17.9	230.1	0	36.2
5370	20.2	229.7	1	39.1
5380	21.0	229.3	1	42.3
5390	20.1	228.8	2	45.5
5400	18.4	228.3	2	48.7
5410	17.9	227.8	3	51.3
5420	18.4	227.3	3	53.7
5430	19.3	226.7	4	56.4
5440	19.7	226.1	4	59.3
5450	20.1	225.5	5	59.6
5460	21.2	225.0	5	59.6
5470	22.1	224.4	6	59.9
5480	22.6	223.8	7	60.1
5490	23.2	223.2	7	59.9
5500	23.2	222.6	8	59.9
5510	23.6	222.0	8	59.9
5520	23.6	221.4	9	59.9
5530	24.1	220.8	10	59.9
5540	24.3	220.2	10	59.9
5550	25.1	219.6	11	59.9
5560	24.8	219.0	11	60.1
5570	24.4	218.4	12	59.9
5580	24.0	217.8	13	59.9
5590	24.0	217.2	13	59.6
5600	24.3	216.6	14	59.9
5610	24.7	216.0	14	59.9
5620	25.0	215.4	15	59.9
5630	25.1	214.8	16	59.9
5640	25.1	214.2	16	59.9
5650	24.7	213.6	17	60.1
5660	24.5	213.0	17	59.9
5670	23.9	212.4	18	59.9
5680	24.0	211.8	19	59.9
5690	23.7	211.2	19	59.9
5700	24.1	210.6	20	59.9
5710	24.1	210.0	20	59.6
5720	24.4	209.4	21	59.9
5730	24.7	208.8	22	59.9
5740	24.5	208.2	22	59.9
5750	24.8	207.6	23	59.9
5760	25.1	207.0	23	59.9
5770	25.5	206.4	24	59.9
5780	24.7	205.8	25	59.9
5790	24.4	205.2	25	59.9
5800	23.5	204.6	26	59.6
5810	23.7	204.0	26	59.6
5820	24.1	203.4	27	59.6
5830	24.5	202.8	28	59.9
5840	24.1	202.2	28	59.9
5850	24.0	201.6	29	59.6
5860	23.9	201.0	29	59.6
5870	23.7	200.4	30	59.6
5880	24.4	199.8	31	59.6

5890	24.7	199.2	31	59.6
5900	25.2	198.6	32	59.6
5910	25.1	198.0	32	59.6
5920	25.1	197.4	33	59.9
5930	24.4	196.8	34	59.6
5940	24.3	196.2	34	59.6
5950	24.3	195.6	35	59.6
5960	24.4	195.0	35	59.6
5970	24.8	194.4	36	59.6
5980	25.5	193.8	37	59.9
5990	26.0	193.3	37	59.6
6000	26.3	192.7	38	59.9
6010	26.4	192.1	38	59.9
6020	25.9	191.5	39	59.9
6030	26.0	190.9	40	59.6
6040	25.8	190.3	40	59.6
6050	25.6	189.7	41	59.9
6060	25.2	189.1	41	59.6
6070	25.2	188.5	42	59.6
6080	25.1	187.9	43	59.6
6090	25.1	187.3	43	59.6
6100	25.4	186.7	44	59.6
6110	25.4	186.1	44	59.6
6120	25.8	185.5	45	59.3
6130	25.4	184.9	46	59.6
6140	25.8	184.3	46	59.6
6150	25.2	183.7	47	59.6
6160	25.4	183.1	47	59.9
6170	25.2	182.5	48	59.6
6180	25.5	181.9	49	59.6
6190	25.5	181.3	49	59.3
6200	25.4	180.7	50	59.6
6210	25.5	180.1	50	59.6
6220	25.2	179.5	51	59.6
6230	25.5	178.9	52	59.6
6240	25.1	178.3	52	59.3
6250	25.2	177.7	53	59.6
6260	24.5	177.2	53	59.3
6270	24.1	176.6	54	59.3
6280	23.9	176.0	54	59.6
6290	23.7	175.4	55	59.3
6300	23.6	174.8	56	59.3
6310	23.9	174.2	56	59.6
6320	24.5	173.6	57	59.3
6330	25.0	173.0	57	59.3
6340	25.0	172.4	58	59.3
6350	24.4	171.8	59	59.3
6360	24.5	171.2	59	59.6
6370	24.4	170.6	60	59.6
6380	25.4	170.0	60	59.6
6390	25.8	169.4	61	59.3
6400	25.5	168.8	62	59.6
6410	24.3	168.2	62	59.6
6420	23.2	167.6	63	59.6

6430	22.9	167.0	63	59.3
6440	23.2	166.4	64	59.6
6450	24.7	165.9	65	59.6
6460	25.8	165.3	65	59.6
6470	26.6	164.7	66	59.6
6480	25.8	164.1	66	59.6
6490	25.0	163.5	67	59.6
6500	24.0	162.9	68	59.6
6510	24.1	162.3	68	59.3
6520	24.8	161.7	69	59.3
6530	25.2	161.1	69	59.3
6540	25.1	160.5	70	59.6
6550	23.9	159.9	71	59.6
6560	23.3	159.3	71	59.6
6570	22.8	158.7	72	59.3
6580	23.2	158.1	72	59.3
6590	23.5	157.5	73	59.3
6600	24.0	156.9	74	59.6
6610	23.5	156.3	74	59.3
6620	22.6	155.7	75	59.3
6630	21.8	155.1	75	59.3
6640	21.7	154.5	76	59.3
6650	21.8	154.0	76	59.3
6660	22.2	153.4	77	59.3
6670	22.5	152.8	78	59.3
6680	22.4	152.2	78	59.6
6690	22.1	151.6	79	59.3
6700	21.4	151.0	79	59.1
6710	21.4	150.4	80	59.3
6720	21.3	149.8	81	59.3
6730	21.2	149.2	81	59.3
6740	21.2	148.6	82	59.3
6750	20.7	148.0	82	59.1
6760	20.7	147.4	83	59.3
6770	20.2	146.8	84	59.3
6780	20.3	146.2	84	59.3
6790	20.1	145.6	85	59.3
6800	20.1	145.0	85	59.3
6810	19.9	144.4	86	59.3
6820	20.1	143.9	87	59.3
6830	20.1	143.3	87	59.3
6840	20.1	142.7	88	59.3
6850	19.9	142.1	88	59.3
6860	19.9	141.5	89	59.3
6870	19.9	140.9	90	59.6
6880	19.8	140.3	90	59.3
6890	19.8	139.7	91	59.3
6900	19.5	139.1	91	59.6
6910	19.4	138.5	92	59.6
6920	19.0	137.9	93	59.3
6930	19.0	137.3	93	59.3
6940	18.7	136.7	94	59.3
6950	18.6	136.1	94	59.6
6960	18.4	135.5	95	59.3

6970	17.8	134.9	96	59.3
6980	-18.2	134.3	96	58.8
6990	-19.5	133.8	97	58.3
7000	-18.6	133.2	97	57.5
7010	17.5	132.6	98	56.1
7020	18.3	132.1	98	55.9
7030	18.0	131.5	99	56.1
7040	17.4	130.9	100	56.1
7050	17.4	130.4	100	56.1
7060	17.9	129.8	101	55.9
7070	18.0	129.3	101	55.9
7080	17.8	128.7	102	56.1
7090	17.4	128.1	102	56.7
7100	17.1	127.6	103	56.7
7110	17.0	127.0	103	56.4
7120	16.5	126.4	104	56.7
7130	16.7	125.9	105	56.7
7140	17.0	125.3	105	56.7
7150	17.1	124.7	106	56.7
7160	17.2	124.2	106	56.9
7170	16.8	123.6	107	57.2
7180	16.7	123.0	107	57.7
7190	16.5	122.4	108	58.0
7200	16.5	121.9	109	58.3
7210	16.4	121.3	109	58.5
7220	16.3	120.7	110	58.8
7230	16.1	120.1	110	59.1
7240	16.8	119.5	111	59.3
7250	18.8	118.9	112	59.6
7260	21.0	118.3	112	59.9
7270	20.9	117.7	113	59.9
7280	19.5	117.1	113	59.6
7290	17.9	116.5	114	59.6
7300	17.6	115.9	115	59.6
7310	17.9	115.3	115	59.9
7320	18.8	114.7	116	59.9
7330	18.8	114.1	116	59.6
7340	18.3	113.5	117	59.9
7350	17.8	112.9	118	59.9
7360	17.4	112.3	118	59.9
7370	17.6	111.7	119	59.6
7380	17.6	111.1	119	59.6
7390	17.6	110.5	120	59.6
7400	16.1	109.9	121	59.6
7410	14.9	109.3	121	59.6
7420	14.0	108.7	122	59.6
7430	14.4	108.2	122	59.3
7440	15.5	107.6	123	59.6
7450	17.1	107.0	123	59.9
7460	17.6	106.4	124	59.9
7470	17.6	105.8	125	59.9
7480	16.8	105.2	125	59.6
7490	15.6	104.6	126	59.9
7500	14.9	104.0	126	59.9

7510	14.6	103.4	127	59.9
7520	14.6	102.8	128	59.6
7530	14.4	102.2	128	59.9
7540	14.2	101.6	129	59.9
7550	13.8	101.0	129	59.6
7560	14.0	100.4	130	59.6
7570	13.6	99.8	131	59.9
7580	13.3	99.2	131	59.9
7590	12.6	98.6	132	59.6
7600	11.8	98.0	132	59.9
7610	11.0	97.4	133	59.6
7620	10.2	96.8	134	59.6
7630	9.8	96.2	134	59.6
7640	9.8	95.6	135	59.6
7650	11.4	95.0	135	59.6
7660	12.6	94.4	136	59.6
7670	13.8	93.8	137	60.1
7680	14.0	93.2	137	52.4
7690	18.3	92.7	138	43.3
7700	25.2	92.3	138	36.2
7710	28.3	92.0	138	29.0
7720	26.3	91.7	139	23.4
7730	21.3	91.5	139	21.0
7740	17.2	91.3	139	14.9
7750	15.7	91.2	139	14.6
7760	15.5	91.1	139	10.6
7770	13.8	91.0	139	7.7
7780	9.8	90.9	140	7.4
7790	6.4	90.8	140	5.3
7800	-5.7	90.8	140	3.4
7810	6.0	90.8	140	3.4
7820	6.9	90.7	140	3.1
7830	8.4	90.7	140	2.6
7840	8.3	90.7	140	2.1
7850	5.6	90.7	140	2.3
7860	-6.8	90.6	140	2.1
7870	-1.2	90.6	140	0.7
7880	-6.6	90.6	140	-0.2
7890	-19.4	90.6	140	-0.2
7900	-22.0	90.7	140	-4.5
7910	-20.7	90.7	140	-10.3
7920	-15.5	90.9	140	-15.7
7930	-13.7	91.1	139	-20.4
7940	-17.5	91.4	139	-25.0
7950	-22.9	91.7	139	-31.1
7960	-25.6	92.1	138	-38.6
7970	-24.1	92.6	138	-46.0
7980	-21.8	93.2	137	-51.3
7990	-24.8	93.8	137	-57.2
8000	-31.6	94.3	136	-57.5
8010	-38.5	94.9	136	-59.1
8020	-43.4	95.5	135	-59.6
8030	-45.7	96.1	134	-59.9
8040	-46.0	96.7	134	-59.9

8050	-45.0	97.3	133	-59.6
8060	-44.1	97.9	133	-60.1
8070	-43.7	98.5	132	-60.1
8080	-43.7	99.1	131	-59.9
8090	-43.8	99.7	131	-59.9
8100	-43.5	100.3	130	-60.1
8110	-42.6	100.9	130	-60.1
8120	-42.4	101.5	129	-60.1
8130	-43.0	102.1	128	-59.9
8140	-45.0	102.7	128	-59.9
8150	-46.8	103.3	127	-60.1
8160	-48.3	103.9	127	-60.4
8170	-48.8	104.5	126	-60.1
8180	-48.4	105.1	125	-60.1
8190	-47.5	105.7	125	-60.1
8200	-46.8	106.3	124	-60.1
8210	-46.9	106.9	124	-60.1
8220	-47.3	107.5	123	-60.1
8230	-47.7	108.1	122	-60.1
8240	-47.5	108.7	122	-60.1
8250	-47.1	109.3	121	-60.1
8260	-46.8	109.9	121	-59.9
8270	-46.8	110.5	120	-59.9
8280	-47.2	111.1	119	-59.9
8290	-48.1	111.7	119	-60.1
8300	-49.2	112.3	118	-59.9
8310	-49.9	112.9	118	-59.9
8320	-49.6	113.5	117	-60.1
8330	-48.8	114.1	116	-60.1
8340	-48.1	114.7	116	-59.9
8350	-47.9	115.3	115	-59.6
8360	-48.0	115.9	115	-60.1
8370	-47.7	116.5	114	-60.1
8380	-47.5	117.1	113	-60.1
8390	-47.2	117.7	113	-60.1
8400	-47.6	118.3	112	-59.9
8410	-48.1	118.9	112	-60.1
8420	-49.0	119.5	111	-60.4
8430	-49.5	120.1	110	-60.4
8440	-49.8	120.7	110	-60.1
8450	-49.1	121.3	109	-60.1
8460	-47.9	121.9	109	-60.1
8470	-46.9	122.6	108	-60.4
8480	-46.5	123.2	107	-60.1
8490	-46.5	123.8	107	-60.1
8500	-47.2	124.4	106	-60.1
8510	-48.1	125.0	105	-60.4
8520	-48.8	125.6	105	-60.4
8530	-49.1	126.2	104	-60.4
8540	-49.0	126.8	104	-60.4
8550	-48.4	127.4	103	-60.6
8560	-48.0	128.0	102	-60.4
8570	-47.6	128.6	102	-60.4
8580	-47.3	129.2	101	-60.4

8590	-47.5	129.8	101	-60.1
8600	-47.7	130.4	100	-60.4
8610	-48.5	131.0	99	-60.4
8620	-49.2	131.6	99	-60.1
8630	-49.8	132.2	98	-60.4
8640	-49.2	132.8	98	-60.4
8650	-48.1	133.4	97	-60.4
8660	-46.6	134.0	96	-60.4
8670	-45.3	134.6	96	-60.1
8680	-44.3	135.2	95	-60.4
8690	-43.7	135.8	95	-60.1
8700	-43.9	136.4	94	-60.1
8710	-44.5	137.0	93	-60.1
8720	-45.6	137.6	93	-60.4
8730	-46.4	138.2	92	-60.4
8740	-46.6	138.8	92	-60.1
8750	-45.8	139.4	91	-60.4
8760	-44.2	140.0	90	-60.1
8770	-42.4	140.6	90	-60.1
8780	-41.5	141.2	89	-59.9
8790	-41.2	141.8	89	-59.9
8800	-42.3	142.4	88	-59.9
8810	-43.5	143.0	87	-60.4
8820	-44.7	143.6	87	-60.4
8830	-45.0	144.3	86	-60.4
8840	-44.3	144.9	86	-60.1
8850	-43.3	145.5	85	-60.1
8860	-42.2	146.1	84	-60.1
8870	-41.6	146.7	84	-60.1
8880	-41.2	147.3	83	-60.1
8890	-41.6	147.9	83	-60.1
8900	-42.0	148.5	82	-59.9
8910	-42.6	149.1	81	-59.9
8920	-42.6	149.7	81	-59.9
8930	-42.4	150.3	80	-60.1
8940	-42.0	150.9	80	-59.9
8950	-41.8	151.5	79	-60.1
8960	-41.6	152.1	78	-60.1
8970	-41.9	152.7	78	-60.4
8980	-41.8	153.3	77	-60.1
8990	-41.8	153.9	77	-60.1
9000	-41.8	154.5	76	-60.1
9010	-41.8	155.1	75	-60.1
9020	-42.2	155.7	75	-60.1
9030	-42.7	156.3	74	-60.1
9040	-42.8	156.9	74	-60.4
9050	-42.4	157.5	73	-60.1
9060	-41.8	158.1	72	-59.6
9070	-40.8	158.7	72	-59.9
9080	-40.3	159.3	71	-60.4
9090	-40.5	159.9	71	-60.1
9100	-41.5	160.5	70	-59.9
9110	-42.2	161.1	69	-59.9
9120	-42.2	161.7	69	-60.1

9130	-41.4	162.3	68	-60.1
9140	-40.3	162.9	68	-59.9
9150	-39.5	163.5	67	-59.9
9160	-39.1	164.1	66	-60.1
9170	-39.1	164.7	66	-60.1
9180	-39.3	165.3	65	-60.1
9190	-40.3	165.9	65	-59.9
9200	-41.2	166.5	64	-59.9
9210	-41.8	167.1	63	-59.6
9220	-41.0	167.7	63	-59.6
9230	-39.7	168.3	62	-59.6
9240	-38.2	168.9	62	-59.1
9250	-37.2	169.5	61	-59.6
9260	-36.6	170.1	60	-59.6
9270	-37.3	170.7	60	-59.9
9280	-38.4	171.3	59	-59.9
9290	-39.2	171.9	59	-59.9
9300	-38.6	172.5	58	-59.9
9310	-37.2	173.1	57	-60.1
9320	-35.4	173.7	57	-59.9
9330	-35.0	174.3	56	-59.6
9340	-35.3	174.9	56	-59.6
9350	-35.8	175.5	55	-59.9
9360	-36.9	176.1	54	-59.9
9370	-38.0	176.7	54	-59.9
9380	-38.1	177.3	53	-60.1
9390	-38.0	177.9	53	-59.9
9400	-37.6	178.5	52	-59.9
9410	-37.2	179.1	51	-59.9
9420	-36.7	179.7	51	-60.1
9430	-36.5	180.3	50	-60.1
9440	-36.7	180.9	50	-60.1
9450	-37.4	181.5	49	-60.1
9460	-37.7	182.1	48	-60.1
9470	-37.2	182.7	48	-59.9
9480	-35.4	183.3	47	-59.9
9490	-33.4	183.9	47	-59.6
9500	-31.7	184.4	46	-59.3
9510	-31.3	185.0	45	-59.3
9520	-31.9	185.6	45	-59.6
9530	-33.2	186.2	44	-59.1
9540	-34.2	186.8	44	-59.1
9550	-33.4	187.4	43	-59.6
9560	-32.0	188.0	42	-59.9
9570	-30.5	188.6	42	-60.1
9580	-30.4	189.2	41	-59.9
9590	-31.2	189.8	41	-59.6
9600	-32.1	190.4	40	-59.6
9610	-33.1	191.0	39	-59.9
9620	-33.9	191.6	39	-59.9
9630	-34.2	192.2	38	-59.9
9640	-34.3	192.8	38	-59.6
9650	-33.5	193.4	37	-59.9
9660	-33.0	194.0	36	-59.9

9670	-32.5	194.6	36	-59.9
9680	-32.7	195.2	35	-59.9
9690	-33.2	195.8	35	-59.6
9700	-33.8	196.4	34	-59.9
9710	-33.8	197.0	33	-59.9
9720	-33.2	197.6	33	-59.9
9730	-32.4	198.2	32	-59.9
9740	-31.3	198.8	32	-59.9
9750	-30.5	199.4	31	-59.9
9760	-30.5	200.0	30	-59.9
9770	-31.3	200.6	30	-59.6
9780	-32.4	201.2	29	-59.9
9790	-33.4	201.8	29	-59.9
9800	-33.6	202.4	28	-59.6
9810	-32.5	203.0	27	-59.9
9820	-31.6	203.6	27	-59.3
9830	-30.8	204.2	26	-59.3
9840	-31.3	204.8	26	-59.3
9850	-32.5	205.4	25	-59.6
9860	-34.3	206.0	24	-59.9
9870	-34.7	206.5	24	-59.6
9880	-34.3	207.2	23	-60.1
9890	-32.8	207.7	23	-59.6
9900	-31.3	208.3	22	-59.6
9910	-30.2	208.9	22	-59.6
9920	-30.2	209.5	21	-59.3
9930	-31.5	210.1	20	-59.6
9940	-32.8	210.7	20	-59.3
9950	-34.0	211.3	19	-59.6
9960	-33.9	211.9	19	-59.3
9970	-32.3	212.5	18	-59.6
9980	-30.0	213.1	17	-59.6
9990	-28.7	213.7	17	-59.3
10000	-28.5	214.3	16	-59.3
10010	-29.0	214.9	16	-59.6
10020	-29.3	215.5	15	-59.6
10030	-29.6	216.1	14	-59.6
10040	-29.3	216.7	14	-59.6
10050	-28.2	217.3	13	-59.3
10060	-27.4	217.9	13	-59.6
10070	-26.3	218.5	12	-59.3
10080	-26.0	219.1	11	-59.1
10090	-26.0	219.6	11	-59.1
10100	-26.6	220.2	10	-59.3
10110	-26.6	220.8	10	-59.3
10120	-26.2	221.4	9	-59.3
10130	-25.6	222.0	8	-59.3
10140	-24.5	222.6	8	-59.1
10150	-23.7	223.2	7	-59.6
10160	-23.1	223.8	7	-59.6
10170	-23.1	224.4	6	-59.6
10180	-22.8	225.0	5	-59.3
10190	-22.4	225.6	5	-59.3
10200	-20.6	226.2	4	-59.3

10210	-19.4	226.8	4	-59.3
10220	-18.7	227.4	3	-59.1
10230	-18.4	228.0	2	-59.3
10240	-18.6	228.6	2	-59.6
10250	-18.0	229.1	1	-59.1
10260	-17.4	229.7	1	-59.1
10270	-16.7	230.3	0	-51.1
10280	-21.3	230.8	0	-40.4
10290	-28.2	231.2	-1	-33.2
10300	-31.1	231.5	-1	-33.2
10310	-28.1	231.8	-1	-26.8
10320	-20.9	232.0	-2	-21.0
10330	-13.0	232.1	-2	-16.5
10340	-7.3	232.2	-2	-12.7
10350	-4.9	232.3	-2	-9.8
10360	-5.2	232.4	-2	-8.2
10370	-6.4	232.5	-2	-5.8
10380	-7.3	232.5	-2	-4.2
10390	-6.6	232.6	-2	-4.2
10400	-4.3	232.6	-2	-3.1
10410	-1.1	232.6	-2	-2.1
10420	0.0	232.7	-2	-1.5
10430	0.0	232.7	-2	-1.3
10440	-0.4	232.7	-2	-0.7
10450	0.3	232.7	-2	-0.5
10460	0.5	232.7	-2	-0.5
10470	0.7	232.7	-2	-0.2
10480	0.8	232.7	-2	0.0
10490	0.8	232.7	-2	0.0
10500	1.1	232.7	-2	0.0
10510	3.0	232.7	-2	0.2
10520	18.2	232.7	-2	1.5
10530	23.6	232.6	-2	4.5
10540	22.6	232.6	-2	7.4
10550	16.7	232.5	-2	10.9
10560	11.5	232.3	-2	12.5
10570	11.3	232.2	-2	13.3
10580	14.9	232.0	-2	14.6
10590	19.3	231.8	-1	15.9
10600	20.5	231.6	-1	18.9
10610	19.3	231.4	-1	21.8
10620	17.4	231.1	-1	24.4
10630	17.1	230.9	0	26.6
10640	18.8	230.5	0	28.7
10650	20.9	230.2	0	31.6
10660	22.1	229.8	1	38.3
10670	21.4	229.4	1	42.3
10680	20.2	228.9	2	45.5
10690	19.5	228.5	2	48.7
10700	20.2	228.0	2	51.6
10710	21.7	227.4	3	54.5
10720	22.0	226.8	4	58.3
10730	21.4	226.3	4	59.9
10740	22.6	225.7	5	59.9

10750	25.0	225.1	5	59.9
10760	26.4	224.5	6	60.1
10770	26.4	223.8	7	60.4
10780	26.0	223.2	7	60.1
10790	25.0	222.6	8	59.9
10800	25.0	222.0	8	60.1
10810	25.4	221.4	9	59.9
10820	26.0	220.8	10	60.1
10830	26.6	220.2	10	60.1
10840	26.7	219.6	11	60.1
10850	26.7	219.0	11	60.1
10860	26.4	218.4	12	60.1
10870	27.0	217.8	13	60.1
10880	27.1	217.2	13	59.9
10890	27.4	216.6	14	60.1
10900	27.3	216.0	14	60.1
10910	27.3	215.4	15	59.9
10920	27.1	214.8	16	59.9
10930	27.1	214.2	16	60.1
10940	26.7	213.6	17	60.1
10950	26.7	213.0	17	60.1
10960	26.7	212.4	18	60.1
10970	27.0	211.8	19	59.9
10980	27.1	211.2	19	60.1
10990	26.6	210.6	20	60.1
11000	26.0	210.0	20	59.9
11010	25.5	209.4	21	59.9
11020	25.6	208.8	22	59.9
11030	25.6	208.2	22	60.1
11040	26.2	207.6	23	59.9
11050	26.3	207.0	23	59.6
11060	26.7	206.4	24	59.9
11070	26.0	205.8	25	60.1
11080	26.0	205.2	25	59.6
11090	25.6	204.7	26	59.6
11100	26.2	204.1	26	59.6
11110	26.8	203.5	27	59.6
11120	27.1	202.9	28	59.9
11130	27.0	202.3	28	59.9
11140	26.3	201.7	29	59.6
11150	25.8	201.1	29	59.6
11160	24.8	200.5	30	59.6
11170	25.0	199.9	31	59.6
11180	24.8	199.3	31	59.6
11190	25.4	198.7	32	59.6
11200	25.6	198.1	32	59.6
11210	26.2	197.5	33	59.9
11220	26.4	196.9	34	59.6
11230	26.8	196.3	34	59.6
11240	27.1	195.7	35	59.6
11250	26.6	195.1	35	59.6
11260	26.2	194.5	36	59.6
11270	25.9	193.9	37	59.6
11280	26.4	193.3	37	59.6

11290	26.7	192.7	38	59.6
11300	27.0	192.1	38	59.6
11310	26.7	191.5	39	59.6
11320	26.6	190.9	40	59.6
11330	25.9	190.3	40	59.6
11340	25.4	189.7	41	59.9
11350	25.2	189.1	41	59.6
11360	25.5	188.5	42	59.6
11370	25.8	187.9	43	59.6
11380	25.8	187.3	43	59.6
11390	26.0	186.7	44	59.6
11400	25.8	186.1	44	59.6
11410	26.0	185.5	45	59.6
11420	25.8	184.9	46	59.6
11430	26.3	184.4	46	59.6
11440	26.2	183.8	47	59.6
11450	26.2	183.2	47	59.6
11460	25.6	182.6	48	59.3
11470	25.1	182.0	48	59.3
11480	24.5	181.4	49	59.3
11490	23.9	180.8	50	59.3
11500	24.0	180.2	50	59.3
11510	24.1	179.6	51	59.3
11520	25.2	179.0	51	59.6
11530	25.5	178.4	52	59.3
11540	25.8	177.8	53	59.6
11550	25.2	177.2	53	59.6
11560	24.7	176.6	54	59.3
11570	24.3	176.0	54	59.3
11580	24.1	175.4	55	59.6
11590	24.0	174.8	56	59.3
11600	23.9	174.2	56	59.3
11610	24.1	173.6	57	59.3
11620	23.9	173.0	57	59.3
11630	23.6	172.5	58	59.3
11640	22.9	171.9	59	59.3
11650	22.6	171.3	59	59.3
11660	22.8	170.7	60	59.3
11670	23.2	170.1	60	59.3
11680	23.9	169.5	61	59.3
11690	23.9	168.9	62	59.3
11700	23.6	168.3	62	59.3
11710	22.5	167.7	63	59.3
11720	22.2	167.1	63	59.3
11730	21.7	166.5	64	59.3
11740	21.7	165.9	65	59.3
11750	21.3	165.3	65	59.3
11760	21.4	164.7	66	59.3
11770	21.2	164.1	66	59.3
11780	21.4	163.5	67	59.3
11790	21.6	163.0	67	59.3
11800	21.8	162.4	68	59.3
11810	22.5	161.8	69	59.3
11820	23.6	161.2	69	59.6

11830	24.7	160.6	70	59.6
11840	24.3	160.0	70	59.6
11850	23.3	159.4	71	59.6
11860	21.8	158.8	72	59.3
11870	21.6	158.2	72	59.3
11880	21.8	157.6	73	59.3
11890	22.5	157.0	73	59.6
11900	23.6	156.4	74	59.3
11910	23.9	155.8	75	59.3
11920	23.7	155.2	75	59.6
11930	22.5	154.6	76	59.6
11940	21.7	154.0	76	59.3
11950	21.2	153.4	77	59.3
11960	20.9	152.8	78	59.3
11970	20.7	152.2	78	59.3
11980	20.9	151.7	79	59.3
11990	20.7	151.1	79	59.3
12000	20.7	150.5	80	59.3
12010	20.9	149.9	81	59.3
12020	20.7	149.3	81	59.3
12030	21.0	148.7	82	59.6
12040	20.9	148.1	82	59.3
12050	21.2	147.5	83	59.3
12060	21.6	146.9	84	59.3
12070	22.4	146.3	84	59.6
12080	22.8	145.7	85	59.6
12090	22.9	145.1	85	59.6
12100	22.5	144.5	86	59.6
12110	21.6	143.9	87	59.6
12120	21.0	143.3	87	59.3
12130	20.2	142.7	88	59.3
12140	19.9	142.1	88	59.3
12150	19.4	141.5	89	59.3
12160	19.5	140.9	90	59.3
12170	19.3	140.4	90	59.3
12180	19.3	139.8	91	59.3
12190	19.0	139.2	91	59.3
12200	18.7	138.6	92	59.3
12210	18.2	138.0	92	59.1
12220	-19.7	137.4	93	58.5
12230	-19.4	136.8	94	57.7
12240	-17.9	136.2	94	57.2
12250	19.4	135.7	95	56.4
12260	19.1	135.1	95	56.4
12270	18.6	134.5	96	56.9
12280	18.6	134.0	96	56.9
12290	18.2	133.4	97	56.9
12300	18.0	132.8	98	56.9
12310	18.3	132.3	98	56.9
12320	17.9	131.7	99	56.7
12330	17.8	131.1	99	57.2
12340	16.8	130.6	100	56.7
12350	-17.5	130.0	100	56.7
12360	-17.6	129.4	101	55.9

12370	-17.6	128.9	102	55.1
12380	-16.8	128.3	102	54.8
12390	16.3	127.8	103	54.5
12400	16.1	127.2	103	54.0
12410	-16.3	126.7	104	54.0
12420	-16.1	126.2	104	53.7
12430	-16.0	125.6	105	53.2
12440	15.9	125.1	105	52.9
12450	16.5	124.6	106	52.9
12460	16.3	124.0	106	52.9
12470	16.0	123.5	107	52.9
12480	16.0	123.0	107	52.9
12490	16.3	122.4	108	52.9
12500	16.3	121.9	109	53.2
12510	16.3	121.4	109	53.2
12520	16.1	120.9	110	53.5
12530	15.7	120.3	110	53.7
12540	15.6	119.8	111	53.7
12550	15.6	119.2	111	54.0
12560	15.6	118.7	112	54.0
12570	15.5	118.2	112	54.3
12580	15.3	117.6	113	54.5
12590	15.2	117.1	113	54.8
12600	15.1	116.5	114	55.1
12610	14.9	116.0	114	55.3
12620	14.5	115.4	115	55.3
12630	14.5	114.9	116	55.3
12640	14.6	114.3	116	55.9
12650	15.1	113.7	117	55.9
12660	17.0	113.2	117	56.7
12670	18.8	112.6	118	57.7
12680	17.5	112.0	118	59.6
12690	15.9	111.4	119	59.6
12700	15.1	110.8	120	59.3
12710	15.7	110.2	120	59.6
12720	16.0	109.6	121	59.6
12730	16.1	109.0	121	59.6
12740	15.6	108.4	122	59.6
12750	15.2	107.8	123	59.6
12760	15.1	107.2	123	59.6
12770	15.5	106.6	124	59.6
12780	16.4	106.0	124	59.6
12790	16.3	105.4	125	59.6
12800	16.0	104.9	126	59.9
12810	14.4	104.3	126	59.6
12820	13.2	103.7	127	59.6
12830	12.6	103.1	127	59.3
12840	12.9	102.5	128	59.3
12850	13.3	101.9	129	59.6
12860	13.8	101.3	129	59.6
12870	14.0	100.7	130	59.6
12880	13.6	100.1	130	59.6
12890	12.9	99.5	131	59.6
12900	12.3	98.9	132	59.6

12910	12.5	98.3	132	59.3
12920	12.5	97.7	133	59.6
12930	12.9	97.1	133	59.3
12940	12.6	96.5	134	59.6
12950	12.3	95.9	135	59.9
12960	11.7	95.3	135	59.6
12970	11.7	94.7	136	59.6
12980	11.7	94.1	136	59.6
12990	11.1	93.5	137	59.6
13000	14.1	93.0	137	58.3
13010	21.3	92.5	138	47.9
13020	27.0	92.2	138	35.9
13030	27.5	91.9	139	26.0
13040	23.5	91.6	139	23.6
13050	19.3	91.4	139	16.7
13060	17.4	91.2	139	16.5
13070	18.0	91.1	139	11.9
13080	18.3	91.0	139	8.7
13090	15.3	90.9	140	8.5
13100	10.2	90.9	140	6.1
13110	5.6	90.8	140	4.2
13120	5.6	90.8	140	2.9
13130	6.1	90.8	140	2.6
13140	6.5	90.7	140	2.1
13150	7.7	90.7	140	2.1
13160	7.7	90.7	140	2.1
13170	5.6	90.7	140	1.8
13180	-6.5	90.6	140	1.5
13190	-6.4	90.6	140	1.3
13200	-2.6	90.6	140	0.0
13210	-12.1	90.6	140	-0.5
13220	-18.2	90.6	140	-2.3
13230	-20.6	90.7	140	-6.6
13240	-14.6	90.8	140	-11.9
13250	-7.7	91.0	139	-20.2
13260	-7.9	91.2	139	-23.9
13270	-13.2	91.4	139	-27.9
13280	-18.7	91.7	139	-34.0
13290	-21.0	92.1	138	-41.2
13300	-20.2	92.5	138	-49.5
13310	-18.4	93.0	137	-57.2
13320	-19.4	93.6	137	-62.5
13330	-25.4	94.2	136	-56.9
13340	-33.5	94.8	136	-58.3
13350	-39.7	95.3	135	-59.3
13360	-42.3	95.9	135	-59.6
13370	-42.2	96.5	134	-59.6
13380	-40.7	97.1	133	-59.3
13390	-39.3	97.7	133	-59.9
13400	-38.9	98.3	132	-59.9
13410	-39.6	98.9	132	-59.9
13420	-40.3	99.5	131	-59.9
13430	-40.1	100.1	130	-59.9
13440	-39.3	100.7	130	-59.9

13450	-38.1	101.3	129	-59.6
13460	-38.5	101.9	129	-59.6
13470	-39.5	102.5	128	-59.6
13480	-41.0	103.1	127	-59.9
13490	-41.8	103.7	127	-59.9
13500	-41.9	104.3	126	-60.1
13510	-41.9	104.9	126	-59.9
13520	-41.4	105.5	125	-59.9
13530	-41.0	106.1	124	-59.9
13540	-41.0	106.7	124	-59.9
13550	-41.1	107.3	123	-60.1
13560	-40.8	107.9	123	-59.9
13570	-40.3	108.5	122	-60.1
13580	-39.1	109.1	121	-60.1
13590	-38.1	109.7	121	-59.9
13600	-38.0	110.3	120	-59.6
13610	-38.2	110.9	120	-59.9
13620	-38.8	111.5	119	-60.1
13630	-39.2	112.1	118	-59.9
13640	-39.6	112.7	118	-59.9
13650	-39.9	113.3	117	-59.9
13660	-39.7	113.9	117	-59.9
13670	-39.2	114.5	116	-59.9
13680	-38.9	115.1	115	-59.6
13690	-38.5	115.7	115	-59.9
13700	-38.2	116.3	114	-59.9
13710	-37.8	116.9	114	-59.9
13720	-38.0	117.5	113	-59.9
13730	-38.6	118.1	112	-59.9
13740	-39.3	118.7	112	-60.1
13750	-39.1	119.3	111	-60.4
13760	-38.6	119.9	111	-60.1
13770	-38.0	120.5	110	-59.9
13780	-37.8	121.1	109	-59.6
13790	-37.7	121.7	109	-59.9
13800	-38.0	122.3	108	-60.1
13810	-38.2	122.9	108	-59.9
13820	-38.4	123.5	107	-59.9
13830	-38.6	124.1	106	-59.9
13840	-38.9	124.7	106	-60.1
13850	-39.5	125.3	105	-60.4
13860	-40.0	125.9	105	-60.1
13870	-40.1	126.5	104	-60.1
13880	-39.5	127.1	103	-60.4
13890	-38.4	127.7	103	-60.1
13900	-37.7	128.3	102	-59.9
13910	-37.3	128.9	102	-59.9
13920	-36.9	129.5	101	-59.9
13930	-36.6	130.1	100	-59.9
13940	-36.7	130.7	100	-59.9
13950	-37.4	131.3	99	-59.9
13960	-38.4	131.9	99	-59.9
13970	-38.6	132.5	98	-60.1
13980	-38.8	133.1	97	-60.1

13990	-38.0	133.7	97	-60.1
14000	-37.3	134.3	96	-60.1
14010	-36.5	134.9	96	-60.1
14020	-35.8	135.5	95	-60.1
14030	-35.7	136.1	94	-59.9
14040	-35.8	136.7	94	-59.9
14050	-36.1	137.3	93	-60.1
14060	-36.2	137.9	93	-60.1
14070	-36.2	138.5	92	-59.9
14080	-36.1	139.1	91	-59.9
14090	-36.1	139.7	91	-59.9
14100	-35.9	140.3	90	-60.1
14110	-35.4	140.9	90	-59.9
14120	-34.8	141.5	89	-60.1
14130	-34.4	142.1	88	-59.9
14140	-34.2	142.7	88	-60.1
14150	-34.2	143.3	87	-60.1
14160	-34.0	143.9	87	-60.1
14170	-34.0	144.5	86	-59.9
14180	-34.0	145.1	85	-60.1
14190	-34.2	145.7	85	-59.9
14200	-34.2	146.3	84	-60.1
14210	-34.4	146.9	84	-60.1
14220	-34.2	147.5	83	-59.9
14230	-34.0	148.1	82	-59.9
14240	-33.8	148.7	82	-59.9
14250	-33.5	149.3	81	-59.9
14260	-33.5	149.9	81	-59.9
14270	-33.6	150.5	80	-59.6
14280	-33.6	151.1	79	-59.6
14290	-32.8	151.7	79	-60.1
14300	-32.1	152.3	78	-59.9
14310	-30.9	152.9	78	-59.9
14320	-29.8	153.5	77	-59.9
14330	-29.2	154.1	76	-59.9
14340	-29.6	154.7	76	-59.6
14350	-30.4	155.3	75	-59.9
14360	-31.5	155.9	75	-59.9
14370	-32.7	156.5	74	-60.1
14380	-32.5	157.1	73	-59.9
14390	-32.1	157.7	73	-59.6
14400	-31.2	158.3	72	-59.6
14410	-29.8	158.9	72	-59.6
14420	-28.1	159.5	71	-59.9
14430	-27.4	160.1	70	-59.3
14440	-27.5	160.7	70	-59.3
14450	-28.2	161.3	69	-59.6
14460	-28.5	161.9	69	-59.6
14470	-28.2	162.5	68	-59.6
14480	-27.5	163.1	67	-59.9
14490	-26.6	163.6	67	-59.3
14500	-26.2	164.2	66	-59.6
14510	-26.0	164.8	66	-59.6
14520	-27.1	165.4	65	-59.3

14530	-28.3	166.0	64	-59.3
14540	-29.6	166.6	64	-59.3
14550	-29.7	167.2	63	-59.3
14560	-28.3	167.8	63	-59.3
14570	-26.7	168.4	62	-59.1
14580	-25.4	169.0	61	-59.1
14590	-25.0	169.6	61	-59.3
14600	-25.1	170.2	60	-59.9
14610	-26.3	170.8	60	-59.9
14620	-27.7	171.4	59	-59.9
14630	-28.6	172.0	58	-59.9
14640	-28.6	172.6	58	-59.9
14650	-28.1	173.2	57	-60.4
14660	-27.1	173.8	57	-59.9
14670	-27.0	174.4	56	-59.9
14680	-26.8	175.0	55	-59.9
14690	-27.1	175.6	55	-59.9
14700	-28.1	176.2	54	-59.9
14710	-29.0	176.8	54	-60.1
14720	-29.7	177.4	53	-60.4
14730	-29.7	178.0	52	-60.1
14740	-29.4	178.6	52	-60.1
14750	-28.9	179.2	51	-59.9
14760	-28.5	179.8	51	-60.1
14770	-28.6	180.4	50	-60.4
14780	-29.3	181.0	49	-60.4
14790	-30.2	181.6	49	-60.1
14800	-31.3	182.2	48	-60.1
14810	-31.5	182.8	48	-60.4
14820	-30.9	183.4	47	-60.1
14830	-30.5	184.0	46	-59.9
14840	-30.1	184.6	46	-59.6
14850	-29.8	185.2	45	-59.6
14860	-29.8	185.8	45	-59.9
14870	-30.2	186.4	44	-59.6
14880	-30.6	187.0	43	-59.3
14890	-31.1	187.6	43	-59.9
14900	-30.5	188.2	42	-60.1
14910	-29.7	188.8	42	-60.4
14920	-28.9	189.4	41	-59.9
14930	-28.9	190.0	40	-59.9
14940	-29.2	190.6	40	-59.9
14950	-29.4	191.2	39	-60.1
14960	-29.8	191.8	39	-59.9
14970	-30.1	192.4	38	-59.9
14980	-29.4	193.0	37	-59.6
14990	-28.5	193.6	37	-59.6
15000	-27.4	194.2	36	-59.9
15010	-26.7	194.8	36	-59.9
15020	-26.7	195.4	35	-59.6
15030	-27.1	196.0	34	-59.6
15040	-27.9	196.6	34	-59.9
15050	-28.5	197.2	33	-59.9
15060	-29.2	197.8	33	-59.9

15070	-29.3	198.4	32	-59.9
15080	-29.0	199.0	31	-59.9
15090	-28.5	199.6	31	-60.1
15100	-28.1	200.2	30	-59.6
15110	-28.2	200.8	30	-59.6
15120	-28.5	201.3	29	-59.9
15130	-28.7	201.9	29	-59.6
15140	-28.5	202.5	28	-59.6
15150	-28.3	203.1	27	-59.6
15160	-28.1	203.7	27	-59.6
15170	-28.1	204.3	26	-59.3
15180	-27.9	204.9	26	-59.3
15190	-28.1	205.5	25	-59.6
15200	-27.9	206.1	24	-59.6
15210	-27.4	206.7	24	-59.3
15220	-26.4	207.3	23	-59.6
15230	-25.2	207.9	23	-59.3
15240	-24.7	208.5	22	-59.3
15250	-24.4	209.1	21	-59.3
15260	-25.4	209.7	21	-59.3
15270	-26.2	210.3	20	-59.6
15280	-27.4	210.9	20	-59.3
15290	-28.1	211.5	19	-59.3
15300	-28.2	212.1	18	-59.3
15310	-27.0	212.7	18	-59.6
15320	-25.5	213.2	17	-59.6
15330	-24.1	213.8	17	-59.1
15340	-23.5	214.4	16	-59.3
15350	-22.8	215.0	15	-59.6
15360	-22.5	215.6	15	-59.6
15370	-23.1	216.2	14	-59.6
15380	-23.5	216.8	14	-59.6
15390	-24.1	217.4	13	-59.3
15400	-24.1	218.0	12	-59.3
15410	-24.3	218.6	12	-59.6
15420	-23.7	219.2	11	-59.3
15430	-23.3	219.8	11	-59.3
15440	-22.6	220.4	10	-59.3
15450	-21.7	221.0	9	-59.6
15460	-21.4	221.6	9	-59.1
15470	-20.7	222.2	8	-59.1
15480	-20.5	222.8	8	-59.3
15490	-19.7	223.3	7	-59.6
15500	-19.9	223.9	7	-59.6
15510	-20.1	224.5	6	-59.6
15520	-20.3	225.1	5	-59.6
15530	-19.8	225.7	5	-59.6
15540	-18.8	226.3	4	-59.3
15550	-17.8	226.9	4	-59.3
15560	-17.0	227.5	3	-59.1
15570	-16.7	228.1	2	-59.3
15580	-16.1	228.7	2	-59.3
15590	-15.7	229.3	1	-59.3
15600	-14.6	229.9	1	-59.1

15610	-15.6	230.4	0	-48.4
15620	-21.7	230.9	0	-38.6
15630	-28.3	231.3	-1	-38.8
15640	-29.8	231.6	-1	-29.0
15650	-26.2	231.8	-1	-20.7
15660	-19.1	232.0	-2	-16.5
15670	-11.8	232.1	-2	-12.7
15680	-6.4	232.3	-2	-9.8
15690	-3.8	232.4	-2	-7.9
15700	-2.8	232.4	-2	-6.1
15710	-2.4	232.5	-2	-4.7
15720	-1.6	232.5	-2	-4.5
15730	0.0	232.6	-2	-3.4
15740	0.0	232.6	-2	-2.6
15750	0.0	232.6	-2	-2.1
15760	0.0	232.7	-2	-1.5
15770	0.0	232.7	-2	-1.0
15780	0.0	232.7	-2	-1.0
15790	0.9	232.7	-2	-0.5
15800	0.8	232.7	-2	-0.5
15810	0.9	232.7	-2	0.0
15820	1.8	232.7	-2	0.0
15830	7.9	232.7	-2	0.5
15840	21.8	232.7	-2	2.9
15850	22.0	232.6	-2	5.3
15860	16.8	232.5	-2	8.2
15870	11.3	232.4	-2	10.6
15880	10.6	232.3	-2	11.1
15890	14.6	232.2	-2	11.9
15900	19.8	232.0	-2	13.8
15910	22.2	231.8	-1	16.5
15920	20.3	231.6	-1	19.9
15930	17.0	231.4	-1	22.8
15940	15.3	231.1	-1	24.7
15950	16.8	230.8	0	26.6
15960	19.5	230.5	0	28.7
15970	20.7	230.2	0	35.1
15980	19.8	229.8	1	42.5
15990	17.5	229.4	1	41.2
16000	16.0	228.9	2	43.6
16010	16.8	228.5	2	45.7
16020	18.7	228.0	2	47.6
16030	20.2	227.5	3	50.3
16040	19.9	227.0	3	53.5
16050	18.2	226.4	4	56.1
16060	16.4	225.8	5	58.5
16070	17.4	225.3	5	59.6
16080	20.5	224.7	6	59.6
16090	24.5	224.1	6	60.1
16100	26.6	223.5	7	60.1
16110	27.1	222.9	8	60.1
16120	26.2	222.3	8	60.1
16130	25.2	221.6	9	60.1
16140	25.1	221.0	9	60.1

16150	25.8	220.4	10	60.1
16160	26.6	219.8	11	60.1
16170	26.7	219.2	11	60.1
16180	26.3	218.6	12	60.1
16190	25.4	218.0	12	59.9
16200	25.2	217.4	13	59.9
16210	25.6	216.8	14	59.9
16220	26.4	216.2	14	60.1
16230	26.8	215.6	15	60.1
16240	27.0	215.0	15	59.9
16250	26.4	214.4	16	59.9
16260	26.0	213.8	17	59.9
16270	25.6	213.2	17	59.9
16280	25.6	212.6	18	59.9
16290	25.6	212.0	18	59.9
16300	25.8	211.4	19	60.1
16310	25.8	210.8	20	60.1
16320	25.6	210.2	20	59.9
16330	25.9	209.6	21	60.1
16340	26.0	209.0	21	59.9
16350	26.3	208.4	22	59.9
16360	26.2	207.8	23	59.9
16370	26.6	207.2	23	59.9
16380	26.8	206.6	24	59.9
16390	27.1	206.0	24	59.9
16400	27.1	205.4	25	60.1
16410	27.1	204.8	26	59.9
16420	26.8	204.2	26	59.9
16430	26.7	203.6	27	59.6
16440	26.3	203.0	27	59.9
16450	25.8	202.4	28	59.9
16460	25.6	201.9	29	59.9
16470	25.1	201.3	29	59.6
16480	25.1	200.7	30	59.9
16490	24.5	200.1	30	59.9
16500	24.5	199.5	31	59.6
16510	24.1	198.9	32	59.6
16520	24.4	198.3	32	59.6
16530	24.3	197.7	33	59.6
16540	24.4	197.1	33	59.6
16550	24.4	196.5	34	59.6
16560	24.5	195.9	35	59.6
16570	24.4	195.3	35	59.6
16580	24.3	194.7	36	59.6
16590	24.5	194.1	36	59.6
16600	24.7	193.5	37	59.6
16610	24.7	192.9	38	59.6
16620	23.9	192.3	38	59.6
16630	23.5	191.7	39	59.6
16640	22.5	191.1	39	59.3
16650	22.0	190.5	40	59.3
16660	21.6	189.9	41	59.3
16670	22.1	189.3	41	59.6
16680	22.6	188.7	42	59.3

16690	23.2	188.1	42	59.3
16700	23.9	187.5	43	59.3
16710	23.6	187.0	43	59.6
16720	23.7	186.4	44	59.6
16730	23.6	185.8	45	59.6
16740	24.3	185.2	45	59.3
16750	24.8	184.6	46	59.6
16760	25.4	184.0	46	59.6
16770	25.4	183.4	47	59.6
16780	24.7	182.8	48	59.3
16790	24.3	182.2	48	59.3
16800	23.7	181.6	49	59.3
16810	23.9	181.0	49	59.3
16820	24.1	180.4	50	59.3
16830	24.8	179.8	51	59.6
16840	25.1	179.2	51	59.6
16850	25.2	178.6	52	59.6
16860	24.5	178.0	52	59.6
16870	24.4	177.4	53	59.3
16880	24.3	176.8	54	59.6
16890	24.5	176.2	54	59.6
16900	25.1	175.6	55	59.6
16910	24.5	175.0	55	59.3
16920	24.1	174.4	56	59.3
16930	23.7	173.9	57	59.6
16940	23.9	173.3	57	59.3
16950	23.9	172.7	58	59.6
16960	24.3	172.1	58	59.3
16970	24.3	171.5	59	59.6
16980	24.3	170.9	60	59.6
16990	24.1	170.3	60	59.6
17000	24.4	169.7	61	59.6
17010	24.5	169.1	61	59.6
17020	24.0	168.5	62	59.6
17030	23.5	167.9	63	59.3
17040	22.5	167.3	63	59.3
17050	22.5	166.7	64	59.3
17060	22.5	166.1	64	59.3
17070	22.9	165.5	65	59.3
17080	22.6	164.9	66	59.3
17090	22.5	164.3	66	59.3
17100	22.4	163.7	67	59.1
17110	22.1	163.2	67	59.6
17120	22.1	162.6	68	59.3
17130	21.8	162.0	68	59.3
17140	21.7	161.4	69	59.3
17150	21.2	160.8	70	59.3
17160	21.3	160.2	70	59.6
17170	21.0	159.6	71	59.6
17180	21.0	159.0	71	59.6
17190	21.0	158.4	72	59.3
17200	20.9	157.8	73	59.3
17210	20.9	157.2	73	59.3
17220	20.7	156.6	74	59.1

17230	20.1	156.0	74	59.1
17240	-22.1	155.4	75	58.8
17250	-23.1	154.9	76	57.7
17260	-21.4	154.3	76	55.9
17270	21.2	153.7	77	55.3
17280	21.6	153.2	77	55.6
17290	20.3	152.6	78	55.9
17300	-20.2	152.1	78	55.6
17310	-21.3	151.5	79	55.1
17320	-21.4	151.0	79	54.3
17330	-20.5	150.4	80	53.5
17340	19.7	149.9	81	53.2
17350	-19.9	149.4	81	52.7
17360	-20.9	148.8	82	52.4
17370	-21.6	148.3	82	51.6
17380	-21.6	147.8	83	50.5
17390	-21.0	147.3	83	50.0
17400	-20.2	146.8	84	49.2
17410	-19.8	146.3	84	48.9
17420	-19.8	145.9	85	48.4
17430	-20.2	145.4	85	47.9
17440	-20.9	144.9	86	47.3
17450	-20.9	144.4	86	46.5
17460	-20.5	144.0	86	46.0
17470	-19.7	143.5	87	45.2
17480	-19.1	143.1	87	44.9
17490	-19.3	142.6	88	44.4
17500	-19.4	142.2	88	44.1
17510	-19.7	141.7	89	43.6
17520	-19.5	141.3	89	43.1
17530	-19.3	140.9	90	42.5
17540	-19.0	140.5	90	42.0
17550	-19.5	140.0	90	41.5
17560	-20.1	139.6	91	41.2
17570	-20.5	139.2	91	40.1
17580	-20.3	138.8	92	39.4
17590	-19.4	138.4	92	38.8
17600	-18.7	138.0	92	38.3
17610	-18.6	137.7	93	38.0
17620	-19.1	137.3	93	37.5
17630	-19.3	136.9	94	37.0
17640	-18.6	136.6	94	36.4
17650	17.9	136.2	94	35.9
17660	18.7	135.8	95	35.9
17670	18.7	135.5	95	36.2
17680	18.0	135.1	95	36.2
17690	17.6	134.7	96	36.2
17700	17.5	134.4	96	35.9
17710	17.5	134.0	96	35.9
17720	17.4	133.7	97	35.6
17730	17.5	133.3	97	35.4
17740	17.4	133.0	97	35.4
17750	17.5	132.6	98	35.1
17760	17.5	132.3	98	35.1

17770	17.8	131.9	99	35.1
17780	17.6	131.6	99	35.4
17790	17.5	131.2	99	35.4
17800	17.1	130.8	100	35.1
17810	16.8	130.5	100	35.1
17820	16.7	130.1	100	35.1
17830	17.1	129.8	101	34.8
17840	17.4	129.4	101	34.8
17850	17.5	129.1	101	35.1
17860	17.2	128.7	102	35.1
17870	17.1	128.4	102	35.4
17880	16.8	128.0	102	35.4
17890	16.7	127.7	103	35.1
17900	16.5	127.3	103	35.4
17910	16.5	127.0	103	35.4
17920	16.8	126.6	104	35.4
17930	17.0	126.3	104	35.6
17940	17.1	125.9	105	35.6
17950	16.8	125.6	105	35.9
17960	16.5	125.2	105	35.9
17970	16.5	124.8	106	35.9
17980	16.4	124.5	106	36.2
17990	16.4	124.1	106	36.2
18000	16.1	123.8	107	36.4
18010	15.7	123.4	107	36.2
18020	15.6	123.0	107	36.4
18030	15.3	122.7	108	36.2
18040	15.2	122.3	108	36.4
18050	14.9	121.9	109	36.2
18060	14.8	121.6	109	35.9
18070	14.6	121.2	109	35.9
18080	14.8	120.9	110	35.9
18090	15.1	120.5	110	35.6
18100	15.3	120.1	110	35.6
18110	15.5	119.8	111	35.9
18120	15.2	119.4	111	36.2
18130	15.2	119.1	111	36.2
18140	15.2	118.7	112	36.2
18150	15.1	118.3	112	36.4
18160	15.1	118.0	112	36.7
18170	14.9	117.6	113	37.0
18180	14.8	117.2	113	37.0
18190	14.6	116.9	114	37.2
18200	14.5	116.5	114	37.2
18210	14.5	116.1	114	37.5
18220	14.2	115.7	115	37.5
18230	14.1	115.4	115	37.8
18240	14.1	115.0	115	38.0
18250	14.0	114.6	116	38.0
18260	13.8	114.2	116	38.0
18270	13.8	113.8	117	38.0
18280	14.0	113.5	117	38.3
18290	13.8	113.1	117	38.6
18300	13.7	112.7	118	38.8

18310	13.7	112.3	118	39.1
18320	13.8	111.9	119	39.1
18330	14.2	111.5	119	39.4
18340	14.8	111.1	119	39.9
18350	14.9	110.7	120	40.4
18360	14.4	110.3	120	41.2
18370	13.8	109.9	121	41.5
18380	13.7	109.5	121	41.7
18390	14.0	109.0	121	42.0
18400	14.4	108.6	122	42.8
18410	14.0	108.2	122	43.3
18420	13.0	107.7	123	43.9
18430	12.2	107.3	123	44.4
18440	12.1	106.9	124	44.4
18450	12.5	106.4	124	44.7
18460	13.3	106.0	124	45.2
18470	13.6	105.5	125	45.7
18480	13.4	105.0	125	46.5
18490	12.9	104.6	126	47.3
18500	12.1	104.1	126	47.9
18510	11.8	103.6	127	48.1
18520	11.8	103.1	127	48.4
18530	11.4	102.6	128	48.9
18540	10.7	102.1	128	49.2
18550	9.9	101.6	129	49.5
18560	9.8	101.2	129	49.5
18570	9.6	100.7	130	49.5
18580	9.4	100.2	130	49.2
18590	9.2	99.7	131	49.5
18600	9.1	99.2	131	49.5
18610	8.4	98.7	132	49.5
18620	-8.8	98.2	132	49.2
18630	-9.8	97.7	133	48.4
18640	-8.8	97.2	133	47.6
18650	8.5	96.7	134	47.3
18660	9.1	96.3	134	47.6
18670	8.3	95.8	135	47.9
18680	7.1	95.3	135	47.9
18690	-8.5	94.8	136	47.3
18700	-10.3	94.4	136	46.5
18710	-11.0	93.9	137	45.2
18720	-10.6	93.5	137	39.4
18730	-8.1	93.1	137	34.6
18740	7.9	92.7	138	30.0
18750	7.3	92.4	138	26.0
18760	7.2	92.2	138	27.1
18770	6.9	92.0	138	23.6
18780	7.1	91.8	139	18.3
18790	7.2	91.6	139	14.3
18800	7.6	91.5	139	14.9
18810	6.8	91.3	139	11.9
18820	-6.8	91.2	139	9.0
18830	-5.8	91.1	139	9.3
18840	5.8	91.1	139	7.9

18850	5.7	91.0	139	6.9
18860	5.8	90.9	140	6.1
18870	5.7	90.9	140	5.3
18880	-5.7	90.8	140	4.5
18890	-6.8	90.8	140	3.7
18900	-12.6	90.8	140	2.6
18910	-18.7	90.8	140	-0.7
18920	-22.4	90.8	140	-4.5
18930	-26.7	90.9	140	-10.6
18940	-24.7	91.1	139	-22.3
18950	-19.3	91.4	139	-28.2
18960	-13.7	91.7	139	-31.1
18970	-11.8	92.1	138	-35.9
18980	-14.4	92.5	138	-40.4
18990	-18.7	93.0	137	-45.7
19000	-22.5	93.6	137	-50.8
19010	-27.5	94.2	136	-57.5
19020	-33.1	94.7	136	-58.5
19030	-38.9	95.3	135	-59.3
19040	-43.5	95.9	135	-60.1
19050	-46.6	96.5	134	-60.1
19060	-47.9	97.1	133	-60.1
19070	-46.9	97.7	133	-60.4
19080	-44.2	98.3	132	-60.4
19090	-41.6	98.9	132	-59.9
19100	-39.5	99.5	131	-59.6
19110	-38.6	100.1	130	-59.6
19120	-39.3	100.7	130	-59.9
19130	-40.8	101.3	129	-59.9
19140	-43.7	101.9	129	-59.9
19150	-45.8	102.5	128	-59.9
19160	-47.5	103.1	127	-60.4
19170	-47.7	103.7	127	-60.4
19180	-46.9	104.3	126	-60.1
19190	-45.7	104.9	126	-59.9
19200	-44.3	105.5	125	-60.1
19210	-43.5	106.1	124	-59.9
19220	-44.1	106.7	124	-60.1
19230	-45.7	107.3	123	-60.1
19240	-47.6	107.9	123	-60.1
19250	-49.0	108.5	122	-60.4
19260	-49.1	109.1	121	-60.1
19270	-48.5	109.8	121	-59.9
19280	-47.3	110.4	120	-59.9
19290	-46.1	111.0	119	-59.9
19300	-45.2	111.6	119	-59.9
19310	-45.3	112.1	118	-59.6
19320	-46.2	112.7	118	-59.6
19330	-47.2	113.3	117	-59.9
19340	-47.6	113.9	117	-59.9
19350	-47.2	114.5	116	-59.9
19360	-46.5	115.1	115	-59.6
19370	-45.8	115.7	115	-59.9
19380	-45.3	116.3	114	-59.9

19390	-44.7	116.9	114	-59.9
19400	-44.9	117.5	113	-59.9
19410	-45.2	118.1	112	-59.9
19420	-45.4	118.7	112	-59.9
19430	-45.4	119.3	111	-60.1
19440	-45.7	119.9	111	-60.1
19450	-46.0	120.5	110	-59.9
19460	-46.1	121.1	109	-59.9
19470	-45.6	121.7	109	-60.1
19480	-44.6	122.3	108	-60.1
19490	-43.8	122.9	108	-59.9
19500	-43.5	123.5	107	-59.9
19510	-43.7	124.1	106	-59.9
19520	-44.1	124.7	106	-60.1
19530	-44.5	125.3	105	-60.1
19540	-44.9	125.9	105	-60.1
19550	-45.2	126.5	104	-60.1
19560	-44.9	127.1	103	-60.1
19570	-44.5	127.7	103	-60.1
19580	-44.2	128.3	102	-60.1
19590	-43.9	128.9	102	-60.1
19600	-43.7	129.5	101	-60.1
19610	-43.5	130.1	100	-59.9
19620	-43.5	130.7	100	-60.1
19630	-43.8	131.3	99	-59.9
19640	-43.9	131.9	99	-59.9
19650	-43.5	132.5	98	-60.1
19660	-43.1	133.1	97	-59.9
19670	-41.9	133.7	97	-59.9
19680	-40.7	134.3	96	-60.1
19690	-38.9	134.9	96	-59.9
19700	-37.8	135.5	95	-59.9
19710	-37.4	136.1	94	-59.9
19720	-38.0	136.7	94	-59.6
19730	-38.5	137.3	93	-59.9
19740	-39.1	137.9	93	-59.9
19750	-38.9	138.5	92	-59.9
19760	-38.4	139.1	91	-59.6
19770	-37.7	139.7	91	-59.6
19780	-37.2	140.3	90	-59.6
19790	-36.1	140.9	90	-59.6
19800	-35.7	141.5	89	-59.9
19810	-35.8	142.1	88	-59.6
19820	-36.1	142.7	88	-59.6
19830	-36.3	143.3	87	-60.1
19840	-35.8	143.9	87	-59.9
19850	-35.4	144.5	86	-59.6
19860	-34.8	145.1	85	-59.9
19870	-34.3	145.7	85	-59.6
19880	-33.6	146.3	84	-59.6
19890	-33.4	146.9	84	-59.6
19900	-33.4	147.5	83	-59.3
19910	-34.3	148.1	82	-59.3
19920	-35.3	148.7	82	-59.6

19930	-35.8	149.3	81	-59.3
19940	-35.8	149.9	81	-59.6
19950	-35.5	150.5	80	-59.3
19960	-35.4	151.1	79	-59.6
19970	-34.8	151.7	79	-59.6
19980	-35.1	152.3	78	-59.9
19990	-35.7	152.9	78	-59.6
20000	-36.6	153.5	77	-59.6
20010	-37.2	154.1	76	-60.1
20020	-37.4	154.7	76	-59.9
20030	-37.2	155.3	75	-59.9
20040	-36.2	155.9	75	-59.9
20050	-35.0	156.5	74	-59.9
20060	-33.8	157.1	73	-59.6
20070	-33.5	157.6	73	-59.6
20080	-34.4	158.2	72	-59.1
20090	-35.9	158.8	72	-59.6
20100	-36.7	159.4	71	-60.1
20110	-36.9	160.0	70	-59.9
20120	-36.3	160.6	70	-59.9
20130	-35.1	161.2	69	-59.6
20140	-33.6	161.8	69	-59.6
20150	-32.8	162.4	68	-59.6
20160	-33.4	163.0	67	-59.9
20170	-34.6	163.6	67	-59.6
20180	-35.9	164.2	66	-59.9
20190	-36.2	164.8	66	-59.9
20200	-35.7	165.4	65	-59.9
20210	-34.7	166.0	64	-59.6
20220	-33.9	166.6	64	-59.3
20230	-33.2	167.2	63	-59.3
20240	-33.4	167.8	63	-59.3
20250	-34.3	168.4	62	-59.1
20260	-35.5	169.0	61	-59.1
20270	-35.9	169.6	61	-59.6
20280	-35.0	170.2	60	-59.9
20290	-33.5	170.8	60	-59.6
20300	-32.4	171.4	59	-59.6
20310	-32.3	172.0	58	-59.6
20320	-33.0	172.6	58	-59.9
20330	-33.9	173.2	57	-59.6
20340	-35.3	173.8	57	-59.9
20350	-36.6	174.4	56	-59.6
20360	-37.0	175.0	55	-59.9
20370	-36.3	175.6	55	-60.1
20380	-35.4	176.2	54	-59.9
20390	-34.0	176.8	54	-59.9
20400	-33.2	177.4	53	-59.9
20410	-33.0	178.0	52	-59.6
20420	-33.4	178.5	52	-59.9
20430	-33.9	179.1	51	-59.6
20440	-34.3	179.7	51	-60.1
20450	-34.0	180.3	50	-60.1
20460	-33.5	180.9	50	-60.1

20470	-32.7	181.5	49	-59.9
20480	-32.1	182.1	48	-59.6
20490	-32.3	182.7	48	-59.6
20500	-32.4	183.3	47	-59.9
20510	-33.0	183.9	47	-59.6
20520	-32.7	184.5	46	-59.6
20530	-32.4	185.1	45	-59.3
20540	-31.3	185.7	45	-59.6
20550	-30.5	186.3	44	-59.3
20560	-30.1	186.9	44	-59.1
20570	-30.0	187.5	43	-59.9
20580	-30.1	188.1	42	-59.9
20590	-30.4	188.7	42	-60.1
20600	-31.1	189.3	41	-60.1
20610	-31.9	189.9	41	-60.1
20620	-32.1	190.5	40	-60.1
20630	-31.6	191.1	39	-60.1
20640	-31.1	191.7	39	-59.9
20650	-30.8	192.3	38	-59.9
20660	-30.2	192.9	38	-59.6
20670	-29.8	193.5	37	-59.6
20680	-29.6	194.1	36	-59.9
20690	-29.4	194.7	36	-59.9
20700	-29.6	195.3	35	-59.9
20710	-30.0	195.9	35	-59.9
20720	-30.6	196.5	34	-59.9
20730	-30.9	197.1	33	-59.9
20740	-31.3	197.7	33	-59.9
20750	-31.2	198.3	32	-59.9
20760	-30.2	198.9	32	-59.9
20770	-29.3	199.5	31	-59.9
20780	-28.2	200.1	30	-59.9
20790	-27.4	200.7	30	-59.6
20800	-26.8	201.3	29	-59.3
20810	-26.3	201.9	29	-59.3
20820	-25.9	202.5	28	-59.3
20830	-26.0	203.1	27	-59.6
20840	-26.3	203.7	27	-59.3
20850	-26.8	204.3	26	-59.3
20860	-27.3	204.8	26	-59.3
20870	-27.5	205.4	25	-59.3
20880	-27.4	206.0	24	-59.6
20890	-26.8	206.6	24	-59.3
20900	-26.4	207.2	23	-59.3
20910	-25.9	207.8	23	-59.6
20920	-26.0	208.4	22	-59.6
20930	-25.8	209.0	21	-59.3
20940	-25.9	209.6	21	-59.3
20950	-25.5	210.2	20	-59.3
20960	-25.4	210.8	20	-59.1
20970	-25.5	211.4	19	-59.1
20980	-25.5	212.0	18	-59.6
20990	-25.8	212.6	18	-59.6
21000	-25.8	213.2	17	-59.9

21010	-26.0	213.8	17	-59.3
21020	-26.0	214.4	16	-59.6
21030	-25.6	215.0	15	-59.6
21040	-25.0	215.6	15	-59.6
21050	-24.5	216.2	14	-59.6
21060	-23.7	216.7	14	-59.3
21070	-22.9	217.3	13	-59.3
21080	-22.2	217.9	13	-59.3
21090	-22.0	218.5	12	-59.3
21100	-22.5	219.1	11	-59.3
21110	-23.1	219.7	11	-59.3
21120	-23.9	220.3	10	-59.3
21130	-23.5	220.9	10	-59.6
21140	-22.8	221.5	9	-59.3
21150	-21.8	222.1	8	-59.3
21160	-20.9	222.7	8	-59.1
21170	-19.8	223.3	7	-59.6
21180	-19.3	223.9	7	-59.6
21190	-19.1	224.5	6	-59.6
21200	-18.8	225.1	5	-59.3
21210	-18.6	225.7	5	-59.6
21220	-17.8	226.2	4	-59.6
21230	-17.4	226.8	4	-59.6
21240	-17.4	227.4	3	-59.3
21250	-17.5	228.0	2	-59.3
21260	-17.1	228.6	2	-59.3
21270	-16.3	229.2	1	-59.1
21280	-14.8	229.8	1	-59.1
21290	-14.4	230.4	0	-61.2
21300	-19.8	230.8	0	-43.9
21310	-27.4	231.2	-1	-32.4
21320	-30.8	231.5	-1	-32.4
21330	-28.1	231.8	-1	-23.9
21340	-20.7	232.0	-2	-16.7
21350	-12.1	232.1	-2	-13.0
21360	-5.2	232.2	-2	-10.1
21370	-1.4	232.3	-2	-7.9
21380	-1.1	232.4	-2	-6.3
21390	-2.6	232.5	-2	-6.3
21400	-3.8	232.5	-2	-4.5
21410	-3.7	232.6	-2	-3.4
21420	-2.2	232.6	-2	-2.9
21430	0.0	232.6	-2	-2.1
21440	0.0	232.6	-2	-1.5
21450	0.0	232.7	-2	-1.3
21460	1.1	232.7	-2	-0.5
21470	0.8	232.7	-2	-0.5
21480	0.9	232.7	-2	-0.2
21490	1.2	232.7	-2	0.0
21500	4.7	232.7	-2	0.2
21510	20.6	232.7	-2	1.5
21520	25.8	232.6	-2	5.8
21530	23.7	232.5	-2	9.3
21540	17.1	232.4	-2	12.2

21550	11.7	232.3	-2	14.1
21560	11.9	232.1	-2	14.9
21570	17.2	231.9	-1	16.2
21580	21.8	231.7	-1	18.6
21590	23.2	231.5	-1	22.0
21600	21.4	231.2	-1	25.5
21610	19.1	230.9	0	28.4
21620	19.3	230.6	0	31.4
21630	21.4	230.2	0	34.0
21640	23.7	229.8	1	41.7
21650	23.6	229.3	1	45.7
21660	20.9	228.8	2	49.7
21670	18.0	228.3	2	52.9
21680	17.2	227.8	3	55.3
21690	18.3	227.2	3	57.5
21700	19.8	226.6	4	59.9
21710	21.8	226.0	4	59.9
21720	24.1	225.4	5	59.9
21730	25.5	224.8	6	60.1
21740	25.8	224.2	6	60.4
21750	25.8	223.6	7	60.1
21760	25.2	223.0	7	59.9
21770	25.5	222.4	8	60.1
21780	25.1	221.8	9	60.1
21790	25.4	221.2	9	59.9
21800	25.5	220.6	10	60.1
21810	26.0	220.0	10	60.1
21820	26.2	219.4	11	59.9
21830	26.4	218.8	12	60.1
21840	26.8	218.2	12	60.1
21850	27.4	217.6	13	59.9
21860	27.8	217.0	13	59.9
21870	27.5	216.4	14	60.1
21880	27.3	215.8	15	60.1
21890	26.7	215.2	15	60.1
21900	26.6	214.6	16	59.9
21910	26.7	214.0	16	59.9
21920	27.3	213.4	17	60.1
21930	27.7	212.8	18	60.1
21940	28.1	212.2	18	60.1
21950	27.8	211.6	19	59.9
21960	27.8	211.0	19	60.1
21970	27.0	210.4	20	60.1
21980	26.7	209.8	21	59.9
21990	26.6	209.2	21	59.9
22000	26.7	208.6	22	59.9
22010	26.7	208.0	22	60.1
22020	27.0	207.4	23	59.9
22030	27.4	206.8	24	59.9
22040	27.3	206.2	24	60.1
22050	27.4	205.6	25	59.9
22060	27.0	205.0	25	59.9
22070	27.1	204.4	26	59.9
22080	26.8	203.8	27	59.6

22090	27.1	203.2	27	59.9
22100	26.8	202.6	28	59.9
22110	27.0	202.0	28	59.9
22120	26.7	201.4	29	59.9
22130	26.4	200.8	30	59.9
22140	25.9	200.2	30	59.9
22150	25.4	199.6	31	59.6
22160	25.5	199.0	31	59.6
22170	25.6	198.4	32	59.6
22180	26.4	197.8	33	59.6
22190	26.8	197.2	33	59.9
22200	27.5	196.6	34	59.9
22210	27.7	196.0	34	59.6
22220	27.4	195.4	35	59.6
22230	27.0	194.8	36	59.9
22240	26.8	194.2	36	59.6
22250	26.4	193.6	37	59.6
22260	25.8	193.0	37	59.6
22270	25.0	192.4	38	59.6
22280	24.7	191.8	39	59.6
22290	24.7	191.2	39	59.6
22300	24.3	190.6	40	59.3
22310	24.4	190.0	40	59.6
22320	24.4	189.4	41	59.6
22330	25.2	188.8	42	59.6
22340	25.6	188.2	42	59.6
22350	26.4	187.6	43	59.6
22360	26.3	187.0	43	59.9
22370	26.0	186.4	44	59.6
22380	25.4	185.8	45	59.6
22390	25.0	185.2	45	59.6
22400	24.8	184.7	46	59.6
22410	24.7	184.1	46	59.3
22420	25.1	183.5	47	59.6
22430	25.0	182.9	48	59.3
22440	25.2	182.3	48	59.3
22450	25.0	181.7	49	59.6
22460	25.1	181.1	49	59.6
22470	25.0	180.5	50	59.6
22480	25.1	179.9	51	59.6
22490	25.4	179.3	51	59.6
22500	25.0	178.7	52	59.6
22510	24.3	178.1	52	59.3
22520	23.2	177.5	53	59.3
22530	22.8	176.9	54	59.3
22540	22.6	176.3	54	59.3
22550	23.7	175.7	55	59.3
22560	24.1	175.1	55	59.3
22570	24.4	174.5	56	59.3
22580	24.0	173.9	57	59.3
22590	23.5	173.3	57	59.3
22600	22.6	172.8	58	59.3
22610	22.0	172.2	58	59.3
22620	22.0	171.6	59	59.3

22630	22.2	171.0	59	59.3
22640	22.5	170.4	60	59.3
22650	22.8	169.8	61	59.3
22660	23.3	169.2	61	59.3
22670	23.3	168.6	62	59.6
22680	23.2	168.0	62	59.3
22690	22.8	167.4	63	59.3
22700	22.6	166.8	64	59.3
22710	22.5	166.2	64	59.3
22720	22.0	165.6	65	59.3
22730	22.1	165.0	65	59.3
22740	22.0	164.4	66	59.3
22750	22.5	163.8	67	59.3
22760	22.8	163.2	67	59.6
22770	23.5	162.6	68	59.6
22780	23.5	162.1	68	59.6
22790	23.1	161.5	69	59.3
22800	22.0	160.9	70	59.6
22810	21.2	160.3	70	59.3
22820	21.0	159.7	71	59.3
22830	21.0	159.1	71	59.3
22840	21.0	158.5	72	59.3
22850	20.9	157.9	73	59.3
22860	20.9	157.3	73	59.3
22870	20.7	156.7	74	59.1
22880	20.3	156.1	74	59.1
22890	-21.8	155.5	75	58.8
22900	-23.7	154.9	76	58.0
22910	-22.5	154.4	76	55.9
22920	20.6	153.8	77	55.1
22930	21.8	153.3	77	55.1
22940	21.0	152.7	78	55.6
22950	21.2	152.2	78	55.6
22960	21.2	151.6	79	55.6
22970	21.0	151.0	79	55.9
22980	21.0	150.5	80	56.1
22990	21.0	149.9	81	56.4
23000	20.7	149.4	81	56.4
23010	20.7	148.8	82	56.7
23020	20.6	148.2	82	56.7
23030	20.5	147.7	83	56.4
23040	20.5	147.1	83	56.7
23050	20.2	146.5	84	56.7
23060	20.1	146.0	84	56.7
23070	19.8	145.4	85	56.7
23080	19.1	144.8	86	56.7
23090	-20.3	144.3	86	56.4
23100	-21.6	143.7	87	55.6
23110	-20.7	143.2	87	54.5
23120	19.0	142.6	88	53.5
23130	19.9	142.1	88	53.7
23140	19.4	141.5	89	54.0
23150	18.8	141.0	89	53.7
23160	-18.6	140.5	90	53.5

23170	-19.1	139.9	91	53.2
23180	-18.8	139.4	91	52.7
23190	-18.6	138.9	92	52.4
23200	-18.4	138.4	92	51.9
23210	-18.3	137.8	93	51.6
23220	-18.6	137.3	93	51.1
23230	-18.7	136.8	94	50.8
23240	-18.8	136.3	94	50.5
23250	-18.7	135.8	95	49.7
23260	-18.4	135.3	95	49.2
23270	-18.3	134.8	96	48.9
23280	-18.3	134.3	96	48.4
23290	-18.3	133.9	97	47.9
23300	-18.2	133.4	97	47.3
23310	-17.8	132.9	98	46.8
23320	17.2	132.5	98	46.5
23330	17.2	132.0	98	46.3
23340	-17.1	131.5	99	46.3
23350	-17.8	131.1	99	45.7
23360	-18.4	130.6	100	44.9
23370	-18.8	130.2	100	44.1
23380	-18.7	129.7	101	43.6
23390	-18.3	129.3	101	42.5
23400	-17.6	128.9	102	42.0
23410	-17.1	128.5	102	41.7
23420	-16.5	128.0	102	41.5
23430	-16.3	127.6	103	40.9
23440	-16.5	127.2	103	40.7
23450	-16.8	126.8	104	40.4
23460	-16.8	126.4	104	39.9
23470	-16.7	126.0	104	39.6
23480	-16.1	125.6	105	39.4
23490	15.6	125.2	105	39.1
23500	15.9	124.8	106	39.1
23510	15.7	124.4	106	38.8
23520	15.5	124.1	106	38.8
23530	15.3	123.7	107	38.8
23540	-15.5	123.3	107	38.8
23550	-15.6	122.9	108	38.6
23560	-16.0	122.5	108	37.8
23570	-16.4	122.1	108	37.5
23580	-17.0	121.8	109	36.7
23590	-16.7	121.4	109	35.6
23600	-16.1	121.0	109	35.1
23610	-15.3	120.7	110	34.6
23620	14.6	120.4	110	34.3
23630	14.9	120.0	110	34.3
23640	15.1	119.7	111	34.0
23650	14.6	119.3	111	34.3
23660	14.8	119.0	111	34.0
23670	15.1	118.6	112	34.0
23680	15.1	118.3	112	34.6
23690	14.9	118.0	112	34.8
23700	14.6	117.6	113	34.8

23710	14.5	117.3	113	34.8
23720	14.2	116.9	114	34.8
23730	14.2	116.6	114	34.8
23740	13.8	116.2	114	34.8
23750	13.8	115.9	115	35.1
23760	14.0	115.5	115	35.1
23770	13.8	115.2	115	35.4
23780	13.6	114.8	116	35.1
23790	13.6	114.5	116	35.1
23800	13.3	114.1	116	35.1
23810	13.3	113.8	117	35.1
23820	13.3	113.4	117	34.8
23830	13.4	113.0	117	35.1
23840	13.7	112.7	118	35.4
23850	13.7	112.3	118	35.4
23860	13.8	112.0	118	35.9
23870	13.7	111.6	119	35.9
23880	13.4	111.3	119	36.2
23890	13.3	110.9	120	36.2
23900	13.3	110.5	120	36.4
23910	13.6	110.2	120	37.0
23920	14.9	109.8	121	37.5
23930	17.2	109.4	121	38.3
23940	17.8	109.0	121	39.6
23950	15.1	108.6	122	40.9
23960	12.2	108.2	122	42.0
23970	12.1	107.8	123	42.0
23980	14.1	107.3	123	42.5
23990	16.5	106.9	124	43.3
24000	17.4	106.5	124	44.7
24010	15.3	106.0	124	46.3
24020	12.3	105.5	125	47.1
24030	11.8	105.1	125	47.6
24040	13.4	104.6	126	48.1
24050	15.9	104.1	126	49.2
24060	16.4	103.6	127	50.5
24070	14.1	103.1	127	51.9
24080	11.1	102.5	128	52.7
24090	10.3	102.0	128	53.2
24100	11.5	101.5	129	53.5
24110	14.1	100.9	130	54.0
24120	16.0	100.4	130	55.3
24130	15.1	99.8	131	56.9
24140	12.6	99.2	131	59.3
24150	11.1	98.6	132	59.6
24160	12.6	98.0	132	59.6
24170	15.9	97.4	133	59.6
24180	17.5	96.8	134	59.9
24190	17.1	96.2	134	59.9
24200	14.4	95.6	135	59.9
24210	13.0	95.1	135	59.6
24220	13.2	94.5	136	59.9
24230	14.6	93.9	137	60.1
24240	16.3	93.3	137	64.9

24250	20.9	92.7	138	54.0
24260	27.4	92.3	138	44.1
24270	29.7	92.0	138	33.0
24280	27.0	91.7	139	23.6
24290	21.6	91.5	139	21.0
24300	18.2	91.3	139	14.9
24310	18.3	91.2	139	14.6
24320	20.5	91.1	139	11.9
24330	20.7	91.0	139	9.0
24340	17.6	90.9	140	6.6
24350	12.5	90.8	140	5.8
24360	9.4	90.8	140	3.9
24370	8.7	90.8	140	2.6
24380	10.2	90.7	140	2.6
24390	10.8	90.7	140	1.8
24400	8.4	90.7	140	2.1
24410	-7.1	90.7	140	2.1
24420	-6.8	90.6	140	1.5
24430	-9.5	90.6	140	1.0
24440	-13.2	90.6	140	-0.7
24450	-13.3	90.7	140	-1.8
24460	-7.2	90.7	140	-7.7
24470	0.0	90.8	140	-9.8
24480	0.0	90.9	140	-9.3
24490	-0.7	91.0	139	-11.4
24500	-9.2	91.1	139	-13.5
24510	-12.6	91.3	139	-17.8
24520	-10.8	91.5	139	-23.1
24530	-8.7	91.7	139	-27.9
24540	-10.7	92.0	138	-32.7
24550	-16.8	92.3	138	-37.8
24560	-22.6	92.7	138	-44.7
24570	-25.0	93.2	137	-53.5
24580	-23.6	93.8	137	-62.0
24590	-23.9	94.3	136	-57.2
24600	-28.1	94.9	136	-57.5
24610	-32.5	95.5	135	-58.8
24620	-35.8	96.1	134	-59.3
24630	-38.2	96.7	134	-59.3
24640	-40.1	97.3	133	-59.6
24650	-41.4	97.9	133	-59.9
24660	-41.5	98.5	132	-59.9
24670	-41.0	99.1	131	-59.9
24680	-40.1	99.7	131	-59.9
24690	-39.6	100.3	130	-59.6
24700	-38.9	100.9	130	-59.9
24710	-38.9	101.5	129	-59.9
24720	-39.3	102.1	128	-59.9
24730	-40.4	102.7	128	-59.9
24740	-41.4	103.3	127	-59.9
24750	-42.0	103.9	127	-60.1
24760	-42.8	104.5	126	-60.1
24770	-42.8	105.1	125	-60.1
24780	-42.7	105.7	125	-60.4

24790	-42.3	106.3	124	-60.1
24800	-42.0	106.9	124	-60.1
24810	-41.9	107.5	123	-60.1
24820	-42.0	108.1	122	-60.1
24830	-42.2	108.7	122	-60.4
24840	-42.6	109.3	121	-60.4
24850	-43.0	109.9	121	-59.9
24860	-43.3	110.5	120	-60.1
24870	-43.1	111.1	119	-60.1
24880	-43.0	111.7	119	-60.1
24890	-43.1	112.3	118	-59.9
24900	-43.4	112.9	118	-59.9
24910	-43.5	113.5	117	-59.9
24920	-43.7	114.1	116	-60.1
24930	-43.8	114.7	116	-59.9
24940	-43.5	115.3	115	-59.9
24950	-43.3	115.9	115	-60.1
24960	-42.4	116.5	114	-60.1
24970	-42.0	117.1	113	-60.1
24980	-41.8	117.7	113	-60.1
24990	-42.0	118.3	112	-59.9
25000	-42.3	118.9	112	-60.1
25010	-42.8	119.5	111	-60.4
25020	-43.4	120.1	110	-60.1
25030	-43.8	120.7	110	-59.9
25040	-43.7	121.3	109	-60.1
25050	-43.3	121.9	109	-60.1
25060	-42.8	122.5	108	-60.1
25070	-42.6	123.1	107	-60.1
25080	-42.6	123.7	107	-60.1
25090	-42.7	124.3	106	-60.1
25100	-43.0	124.9	106	-60.1
25110	-43.4	125.5	105	-60.1
25120	-43.7	126.1	104	-60.1
25130	-43.8	126.7	104	-60.1
25140	-43.7	127.3	103	-60.1
25150	-43.4	127.9	103	-60.1
25160	-43.3	128.5	102	-60.1
25170	-42.8	129.1	101	-60.1
25180	-42.3	129.7	101	-60.1
25190	-41.8	130.3	100	-59.9
25200	-41.4	130.9	100	-59.9
25210	-41.4	131.5	99	-59.6
25220	-41.5	132.1	98	-59.9
25230	-42.2	132.7	98	-59.9
25240	-42.6	133.3	97	-59.9
25250	-42.7	133.9	97	-59.9
25260	-42.0	134.5	96	-59.9
25270	-41.2	135.1	95	-59.9
25280	-40.4	135.7	95	-60.1
25290	-40.0	136.3	94	-60.1
25300	-40.1	136.9	94	-59.9
25310	-40.4	137.5	93	-60.1
25320	-40.1	138.1	92	-59.9

25330	-39.2	138.7	92	-59.9
25340	-37.7	139.3	91	-59.9
25350	-36.1	139.9	91	-59.3
25360	-34.7	140.5	90	-59.9
25370	-33.9	141.1	89	-59.6
25380	-34.0	141.7	89	-59.9
25390	-35.1	142.3	88	-59.6
25400	-36.1	142.9	88	-59.9
25410	-36.3	143.5	87	-60.1
25420	-35.8	144.1	86	-59.9
25430	-35.0	144.7	86	-59.6
25440	-34.0	145.3	85	-59.6
25450	-33.1	145.9	85	-59.6
25460	-32.5	146.5	84	-59.6
25470	-32.4	147.1	83	-59.6
25480	-33.0	147.7	83	-59.6
25490	-33.8	148.2	82	-59.3
25500	-33.8	148.8	82	-59.6
25510	-33.5	149.4	81	-59.3
25520	-32.3	150.0	80	-59.3
25530	-31.3	150.6	80	-59.1
25540	-30.1	151.2	79	-59.3
25550	-29.2	151.8	79	-59.6
25560	-28.7	152.4	78	-59.6
25570	-29.6	153.0	77	-59.3
25580	-31.1	153.6	77	-59.6
25590	-32.7	154.2	76	-59.9
25600	-33.5	154.8	76	-59.9
25610	-33.1	155.4	75	-59.6
25620	-32.3	156.0	74	-59.6
25630	-31.1	156.6	74	-59.6
25640	-30.0	157.2	73	-59.6
25650	-29.7	157.8	73	-59.3
25660	-30.0	158.4	72	-59.3
25670	-30.6	159.0	71	-59.6
25680	-31.9	159.6	71	-60.1
25690	-33.5	160.2	70	-59.9
25700	-34.6	160.8	70	-59.9
25710	-34.6	161.4	69	-59.9
25720	-33.4	162.0	68	-60.1
25730	-31.9	162.6	68	-60.1
25740	-31.1	163.2	67	-59.9
25750	-31.5	163.8	67	-59.9
25760	-32.7	164.4	66	-59.9
25770	-34.7	165.0	65	-60.1
25780	-36.5	165.6	65	-60.1
25790	-36.6	166.2	64	-59.9
25800	-35.1	166.8	64	-59.6
25810	-32.3	167.4	63	-59.6
25820	-30.0	168.0	62	-59.3
25830	-28.9	168.5	62	-59.1
25840	-29.4	169.1	61	-59.1
25850	-30.4	169.7	61	-59.6
25860	-31.2	170.3	60	-59.9

25870	-31.5	170.9	60	-59.9
25880	-31.6	171.5	59	-59.9
25890	-31.5	172.1	58	-59.9
25900	-31.3	172.7	58	-60.1
25910	-31.2	173.3	57	-60.1
25920	-31.7	173.9	57	-60.1
25930	-32.4	174.5	56	-59.9
25940	-32.7	175.1	55	-60.1
25950	-32.5	175.7	55	-60.1
25960	-32.1	176.3	54	-60.1
25970	-31.5	176.9	54	-60.4
25980	-30.2	177.5	53	-60.1
25990	-30.0	178.1	52	-59.9
26000	-30.4	178.7	52	-59.9
26010	-30.9	179.3	51	-60.1
26020	-31.5	179.9	51	-60.1
26030	-31.2	180.5	50	-60.4
26040	-30.6	181.1	49	-60.4
26050	-30.2	181.7	49	-59.9
26060	-30.2	182.3	48	-59.9
26070	-30.5	182.9	48	-59.9
26080	-31.3	183.5	47	-60.1
26090	-32.1	184.1	46	-59.6
26100	-32.7	184.7	46	-59.9
26110	-32.0	185.3	45	-59.9
26120	-30.9	185.9	45	-59.6
26130	-29.2	186.5	44	-59.3
26140	-28.2	187.1	43	-59.3
26150	-27.4	187.7	43	-59.9
26160	-27.5	188.3	42	-59.9
26170	-28.1	188.9	42	-60.1
26180	-28.6	189.5	41	-59.9
26190	-29.4	190.1	40	-59.6
26200	-29.4	190.7	40	-59.9
26210	-28.7	191.3	39	-60.1
26220	-28.1	191.9	39	-59.6
26230	-27.7	192.5	38	-59.9
26240	-27.8	193.1	37	-59.6
26250	-28.3	193.7	37	-59.6
26260	-28.9	194.3	36	-60.1
26270	-29.6	194.9	36	-60.1
26280	-29.7	195.5	35	-59.9
26290	-29.6	196.1	34	-59.9
26300	-28.5	196.7	34	-59.9
26310	-27.8	197.3	33	-59.9
26320	-27.4	197.9	33	-59.9
26330	-27.3	198.5	32	-59.6
26340	-27.7	199.1	31	-59.9
26350	-27.8	199.7	31	-59.9
26360	-28.5	200.3	30	-59.9
26370	-28.7	200.9	30	-59.9
26380	-28.5	201.5	29	-59.6
26390	-27.9	202.1	28	-59.6
26400	-27.4	202.7	28	-59.6

26410	-27.0	203.3	27	-59.6
26420	-27.1	203.9	27	-59.3
26430	-27.1	204.5	26	-59.3
26440	-26.7	205.1	25	-59.3
26450	-25.9	205.7	25	-59.6
26460	-24.5	206.2	24	-59.3
26470	-23.3	206.8	24	-59.3
26480	-22.1	207.4	23	-59.3
26490	-22.1	208.0	22	-59.3
26500	-22.4	208.6	22	-59.3
26510	-23.5	209.2	21	-59.6
26520	-23.5	209.8	21	-59.3
26530	-23.5	210.4	20	-59.3
26540	-23.1	211.0	19	-59.3
26550	-22.6	211.6	19	-59.1
26560	-22.8	212.2	18	-59.6
26570	-23.2	212.8	18	-59.6
26580	-24.0	213.4	17	-59.6
26590	-24.4	214.0	16	-59.6
26600	-24.1	214.6	16	-59.6
26610	-22.6	215.2	15	-59.9
26620	-21.0	215.8	15	-59.6
26630	-19.5	216.4	14	-59.6
26640	-19.3	216.9	14	-59.3
26650	-19.5	217.5	13	-59.3
26660	-20.6	218.1	12	-59.3
26670	-21.8	218.7	12	-59.3
26680	-22.9	219.3	11	-59.3
26690	-23.6	219.9	11	-59.6
26700	-22.6	220.5	10	-59.3
26710	-22.0	221.1	9	-59.6
26720	-20.6	221.7	9	-59.1
26730	-19.9	222.3	8	-59.1
26740	-19.4	222.9	8	-59.3
26750	-19.0	223.5	7	-59.6
26760	-18.7	224.1	6	-59.3
26770	-18.8	224.7	6	-59.3
26780	-18.8	225.3	5	-59.3
26790	-18.7	225.9	5	-59.6
26800	-18.8	226.5	4	-59.6
26810	-18.4	227.1	3	-59.3
26820	-18.4	227.6	3	-59.3
26830	-17.6	228.2	2	-59.3
26840	-17.0	228.8	2	-59.3
26850	-15.9	229.4	1	-59.1
26860	-15.1	230.0	0	-59.3
26870	-18.2	230.6	0	-56.4
26880	-26.3	231.0	-1	-45.2
26890	-32.8	231.3	-1	-37.0
26900	-33.6	231.6	-1	-30.6
26910	-28.3	231.9	-1	-23.9
26920	-20.5	232.0	-2	-19.1
26930	-13.2	232.2	-2	-14.3
26940	-8.7	232.3	-2	-11.4

26950	-7.6	232.4	-2	-9.3
26960	-8.3	232.5	-2	-7.4
26970	-9.2	232.5	-2	-5.3
26980	-9.4	232.6	-2	-3.9
26990	-8.1	232.6	-2	-3.4
27000	-6.0	232.6	-2	-2.6
27010	-3.5	232.7	-2	-1.8
27020	-0.7	232.7	-2	-1.3
27030	0.0	232.7	-2	-1.0
27040	-2.8	232.7	-2	-0.7
27050	-0.8	232.7	-2	-0.5
27060	0.5	232.7	-2	-0.2
27070	0.8	232.7	-2	0.0
27080	0.8	232.7	-2	0.0
27090	0.9	232.7	-2	0.0
27100	1.1	232.7	-2	0.0
27110	3.4	232.7	-2	0.5
27120	18.0	232.7	-2	2.1
27130	23.6	232.6	-2	5.3
27140	21.8	232.6	-2	9.5