

ISOK_ASSES_FLEX_EXT_60_R_SIDE

05/08

Set #3

TIME	TORQUE	POSITION	POS (ANAT)	VELOCITY
0	0.0	270.8	-20	0.0
10	1.2	270.8	-20	0.5
20	2.2	270.8	-20	0.2
30	17.6	270.8	-20	1.5
40	28.5	270.7	-20	6.9
50	29.2	270.6	-20	13.3
60	20.3	270.4	-20	19.9
70	10.7	270.2	-20	24.4
80	6.8	270.0	-20	26.6
90	11.0	269.7	-19	27.1
100	19.4	269.5	-19	29.2
110	26.3	269.2	-19	33.8
120	27.0	268.8	-18	39.9
130	22.1	268.4	-18	46.5
140	15.9	268.0	-18	51.6
150	13.4	267.5	-17	50.5
160	16.1	266.9	-16	53.2
170	22.1	266.4	-16	56.9
180	27.4	265.8	-15	60.9
190	31.7	265.2	-15	61.2
200	33.4	264.5	-14	61.2
210	32.3	263.9	-13	61.2
220	30.0	263.3	-13	61.2
230	28.1	262.7	-12	60.9
240	27.4	262.1	-12	61.2
250	28.5	261.5	-11	61.2
260	29.8	260.9	-10	60.9
270	30.5	260.3	-10	61.2
280	30.1	259.7	-9	61.2
290	28.9	259.0	-9	61.2
300	26.8	258.4	-8	60.9
310	25.9	257.8	-7	60.9
320	25.8	257.2	-7	60.9
330	26.7	256.6	-6	60.9
340	27.1	256.0	-6	61.2
350	27.0	255.4	-5	61.2
360	26.2	254.8	-4	61.2
370	24.5	254.2	-4	60.9
380	23.3	253.5	-3	60.9
390	22.5	252.9	-2	60.9
400	22.9	252.3	-2	60.9
410	23.5	251.7	-1	60.9
420	24.5	251.1	-1	60.9
430	24.4	250.5	0	60.9
440	24.4	249.9	1	60.9
450	24.0	249.3	1	60.9
460	23.1	248.7	2	60.9
470	22.6	248.1	2	60.9
480	22.8	247.5	3	60.6

490	22.9	246.8	4	60.4
500	23.2	246.2	4	60.6
510	23.1	245.6	5	60.6
520	23.1	245.0	5	60.6
530	22.9	244.4	6	60.6
540	23.2	243.8	7	60.6
550	23.1	243.2	7	60.6
560	23.1	242.6	8	60.6
570	22.5	242.0	8	60.6
580	22.2	241.4	9	60.4
590	21.7	240.8	10	60.4
600	21.2	240.2	10	60.6
610	20.6	239.6	11	60.4
620	21.0	239.0	11	60.4
630	21.6	238.4	12	60.6
640	22.4	237.7	13	60.4
650	22.6	237.1	13	60.6
660	22.5	236.5	14	60.4
670	22.0	235.9	15	60.4
680	21.4	235.3	15	60.4
690	20.9	234.7	16	60.4
700	21.2	234.1	16	60.4
710	22.1	233.5	17	60.4
720	22.5	232.9	18	60.6
730	23.2	232.3	18	60.6
740	22.8	231.7	19	60.4
750	22.6	231.1	19	60.4
760	21.7	230.5	20	60.4
770	21.6	229.9	21	60.4
780	21.7	229.3	21	60.1
790	22.5	228.7	22	60.1
800	23.2	228.1	22	60.1
810	23.9	227.5	23	60.6
820	23.7	226.9	24	60.4
830	23.5	226.3	24	60.4
840	23.1	225.7	25	60.4
850	23.1	225.1	25	60.1
860	23.1	224.5	26	60.4
870	23.2	223.9	27	60.4
880	23.5	223.2	27	60.4
890	23.6	222.6	28	60.4
900	23.7	222.0	28	60.4
910	23.6	221.4	29	60.4
920	23.7	220.8	30	60.4
930	23.6	220.2	30	60.4
940	24.1	219.6	31	60.4
950	24.0	219.0	31	60.4
960	24.3	218.4	32	60.4
970	24.3	217.8	33	60.4
980	24.4	217.2	33	60.1
990	24.1	216.6	34	60.4
1000	24.3	216.0	34	60.4
1010	24.5	215.4	35	60.1
1020	25.2	214.8	36	60.1

1030	25.5	214.2	36	60.1
1040	25.6	213.6	37	60.4
1050	25.4	213.0	37	60.4
1060	25.2	212.4	38	60.1
1070	25.2	211.8	39	60.1
1080	25.2	211.2	39	60.4
1090	25.8	210.6	40	60.1
1100	26.0	210.0	40	60.4
1110	26.6	209.4	41	60.4
1120	26.6	208.8	42	60.4
1130	26.7	208.2	42	60.4
1140	26.6	207.6	43	60.1
1150	27.3	207.0	43	60.1
1160	27.9	206.4	44	60.4
1170	28.7	205.8	45	60.4
1180	28.6	205.1	45	60.6
1190	27.8	204.5	46	60.4
1200	26.7	203.9	47	60.1
1210	26.0	203.3	47	60.1
1220	26.2	202.7	48	60.1
1230	27.1	202.1	48	60.4
1240	28.1	201.5	49	60.1
1250	28.1	200.9	50	60.1
1260	27.4	200.3	50	60.1
1270	26.0	199.7	51	60.1
1280	25.5	199.1	51	60.1
1290	25.6	198.5	52	59.9
1300	27.1	197.9	53	60.4
1310	28.3	197.3	53	60.4
1320	29.0	196.7	54	60.1
1330	28.9	196.1	54	60.1
1340	28.3	195.5	55	60.4
1350	27.7	194.9	56	60.1
1360	27.7	194.3	56	60.4
1370	28.6	193.7	57	60.1
1380	29.8	193.1	57	60.4
1390	30.6	192.5	58	60.4
1400	31.1	191.9	59	60.6
1410	30.8	191.3	59	60.4
1420	30.1	190.7	60	60.4
1430	29.7	190.1	60	60.1
1440	29.6	189.5	61	60.4
1450	30.0	188.9	62	60.1
1460	30.8	188.3	62	60.4
1470	31.5	187.7	63	60.4
1480	31.6	187.1	63	60.6
1490	31.6	186.4	64	60.4
1500	31.2	185.8	65	60.4
1510	31.2	185.2	65	60.1
1520	31.5	184.6	66	60.6
1530	32.0	184.0	66	60.6
1540	32.5	183.4	67	60.4
1550	33.4	182.8	68	60.4
1560	33.8	182.2	68	60.4

1570	34.3	181.6	69	60.4
1580	34.2	181.0	69	60.4
1590	34.4	180.4	70	60.4
1600	34.6	179.8	71	60.4
1610	34.6	179.2	71	60.6
1620	34.7	178.6	72	60.6
1630	34.2	178.0	72	60.6
1640	33.8	177.4	73	60.4
1650	33.5	176.8	74	60.4
1660	33.4	176.2	74	60.6
1670	33.9	175.6	75	60.4
1680	34.4	175.0	75	60.4
1690	35.0	174.4	76	60.6
1700	35.1	173.7	77	60.4
1710	34.8	173.1	77	60.4
1720	34.3	172.5	78	60.4
1730	33.8	171.9	79	60.1
1740	34.0	171.3	79	60.4
1750	34.3	170.7	80	60.4
1760	35.4	170.1	80	60.6
1770	35.9	169.5	81	60.4
1780	36.2	168.9	82	60.4
1790	35.4	168.3	82	60.6
1800	34.8	167.7	83	60.4
1810	34.4	167.1	83	60.4
1820	35.0	166.5	84	60.4
1830	35.7	165.9	85	60.6
1840	36.6	165.3	85	60.6
1850	37.0	164.7	86	60.6
1860	36.9	164.1	86	60.6
1870	36.5	163.5	87	60.6
1880	35.8	162.9	88	60.6
1890	35.7	162.2	88	60.4
1900	35.8	161.6	89	60.4
1910	36.5	161.0	89	60.6
1920	36.6	160.4	90	60.6
1930	36.9	159.8	91	60.6
1940	36.3	159.2	91	60.6
1950	36.6	158.6	92	60.6
1960	36.7	158.0	92	60.6
1970	37.4	157.4	93	60.6
1980	37.8	156.8	94	60.6
1990	38.5	156.2	94	60.9
2000	38.5	155.6	95	60.6
2010	38.5	155.0	95	60.9
2020	38.1	154.4	96	60.6
2030	38.0	153.8	97	60.6
2040	37.7	153.1	97	60.6
2050	38.0	152.5	98	60.9
2060	38.2	151.9	99	60.6
2070	39.2	151.3	99	60.6
2080	39.3	150.7	100	60.6
2090	39.1	150.1	100	60.9
2100	38.5	149.5	101	60.6

2110	38.2	148.9	102	60.9
2120	38.4	148.3	102	60.9
2130	38.8	147.7	103	60.9
2140	39.2	147.1	103	60.9
2150	39.1	146.5	104	60.9
2160	39.1	145.8	105	60.9
2170	38.4	145.2	105	60.6
2180	38.5	144.6	106	60.6
2190	38.5	144.0	106	60.9
2200	39.3	143.4	107	60.9
2210	39.6	142.8	108	60.9
2220	39.6	142.2	108	60.9
2230	38.8	141.6	109	60.9
2240	38.4	141.0	109	60.6
2250	38.2	140.4	110	60.6
2260	38.9	139.8	111	60.9
2270	39.6	139.2	111	60.9
2280	40.3	138.5	112	60.9
2290	40.4	137.9	113	60.9
2300	40.5	137.3	113	60.9
2310	39.9	136.7	114	60.9
2320	39.7	136.1	114	61.2
2330	39.6	135.5	115	60.6
2340	40.1	134.9	116	60.9
2350	40.1	134.3	116	60.9
2360	39.9	133.7	117	60.9
2370	38.6	133.1	117	60.9
2380	37.8	132.4	118	60.9
2390	37.4	131.8	119	60.9
2400	38.0	131.2	119	60.6
2410	38.5	130.6	120	60.6
2420	39.3	130.0	120	60.9
2430	39.5	129.4	121	60.9
2440	38.8	128.8	122	61.2
2450	37.8	128.2	122	60.9
2460	37.4	127.6	123	60.9
2470	37.4	127.0	123	60.9
2480	38.0	126.4	124	60.9
2490	38.2	125.7	125	60.9
2500	38.1	125.1	125	60.9
2510	37.4	124.5	126	60.9
2520	36.7	123.9	127	60.9
2530	36.2	123.3	127	60.9
2540	36.1	122.7	128	60.6
2550	36.5	122.1	128	60.6
2560	36.6	121.5	129	60.9
2570	36.5	120.9	130	60.9
2580	36.1	120.3	130	60.9
2590	35.4	119.7	131	60.9
2600	35.1	119.0	131	60.9
2610	35.1	118.4	132	60.9
2620	35.1	117.8	133	60.9
2630	35.7	117.2	133	60.9
2640	35.8	116.6	134	60.6

2650	36.2	116.0	134	60.9
2660	35.5	115.4	135	60.9
2670	35.5	114.8	136	60.9
2680	35.3	114.2	136	60.9
2690	35.7	113.6	137	60.9
2700	35.4	112.9	138	60.9
2710	35.1	112.3	138	61.2
2720	34.6	111.7	139	60.9
2730	34.3	111.1	139	60.9
2740	33.6	110.5	140	60.9
2750	33.5	109.9	141	60.9
2760	33.0	109.3	141	60.9
2770	32.8	108.7	142	60.9
2780	32.4	108.1	142	60.9
2790	32.1	107.5	143	60.9
2800	31.6	106.9	144	60.9
2810	31.3	106.2	144	60.9
2820	31.1	105.6	145	60.6
2830	31.2	105.0	145	60.6
2840	31.3	104.4	146	60.9
2850	31.6	103.8	147	60.9
2860	31.7	103.2	147	60.9
2870	31.6	102.6	148	60.9
2880	31.1	102.0	148	60.9
2890	30.6	101.4	149	60.9
2900	30.6	100.8	150	60.9
2910	30.6	100.2	150	60.9
2920	30.8	99.5	151	60.9
2930	31.1	98.9	152	60.9
2940	31.3	98.3	152	60.6
2950	31.3	97.7	153	60.6
2960	31.5	97.1	153	60.9
2970	31.1	96.5	154	61.2
2980	30.6	95.9	155	61.2
2990	30.1	95.3	155	60.6
3000	30.0	94.7	156	60.9
3010	29.4	94.1	156	60.9
3020	29.3	93.4	157	60.9
3030	28.9	92.8	158	60.9
3040	29.2	92.2	158	60.6
3050	28.6	91.6	159	60.9
3060	28.9	91.0	159	60.9
3070	28.7	90.4	160	60.9
3080	29.3	89.8	161	60.9
3090	29.0	89.2	161	60.9
3100	29.2	88.6	162	60.9
3110	28.5	88.0	162	60.9
3120	27.8	87.4	163	60.9
3130	27.1	86.7	164	60.9
3140	26.6	86.1	164	60.9
3150	26.3	85.5	165	61.2
3160	26.6	84.9	166	60.9
3170	26.3	84.3	166	60.6
3180	26.2	83.7	167	60.9

3190	25.8	83.1	167	60.9
3200	25.5	82.5	168	60.6
3210	25.1	81.9	169	60.9
3220	25.5	81.3	169	60.6
3230	25.5	80.6	170	60.9
3240	25.9	80.0	170	60.9
3250	25.6	79.4	171	60.9
3260	25.2	78.8	172	60.6
3270	24.3	78.2	172	61.2
3280	23.1	77.6	173	60.9
3290	22.2	77.0	173	60.6
3300	21.8	76.4	174	60.6
3310	21.6	75.8	175	60.6
3320	21.2	75.2	175	60.9
3330	20.6	74.6	176	60.9
3340	20.1	74.0	176	60.6
3350	19.8	73.3	177	66.0
3360	24.3	72.8	178	55.6
3370	32.4	72.4	178	45.7
3380	38.6	72.0	178	34.0
3390	39.3	71.8	179	24.7
3400	35.0	71.5	179	21.5
3410	28.7	71.3	179	15.4
3420	24.4	71.2	179	13.5
3430	23.7	71.1	179	9.3
3440	24.8	71.0	179	9.3
3450	25.4	70.9	180	7.1
3460	24.5	70.9	180	4.7
3470	22.8	70.8	180	4.5
3480	20.9	70.8	180	3.4
3490	19.5	70.8	180	2.9
3500	18.8	70.7	180	2.3
3510	18.8	70.7	180	1.5
3520	18.2	70.7	180	0.2
3530	15.7	70.7	180	0.2
3540	9.9	70.7	180	0.0
3550	3.0	70.7	180	0.0
3560	-0.9	70.7	180	0.0
3570	-1.8	70.7	180	1.5
3580	-0.8	70.7	180	0.7
3590	-3.0	70.7	180	0.0
3600	-9.6	70.7	180	-0.5
3610	-14.6	70.7	180	-1.5
3620	-16.5	70.7	180	-3.9
3630	-15.9	70.8	180	-5.8
3640	-14.1	70.9	180	-9.8
3650	-14.8	71.0	179	-13.5
3660	-18.4	71.2	179	-17.5
3670	-22.6	71.4	179	-22.0
3680	-25.8	71.7	179	-28.4
3690	-26.0	72.1	178	-34.8
3700	-24.1	72.5	178	-40.9
3710	-22.1	73.1	177	-51.9
3720	-22.6	73.6	177	-62.5

3730	-28.5	74.2	176	-57.7
3740	-35.4	74.8	176	-59.1
3750	-40.3	75.4	175	-59.6
3760	-41.4	76.0	174	-59.6
3770	-40.1	76.6	174	-59.6
3780	-38.2	77.2	173	-59.9
3790	-38.1	77.8	173	-59.6
3800	-40.4	78.4	172	-59.9
3810	-44.3	79.0	171	-59.9
3820	-47.9	79.6	171	-60.1
3830	-49.8	80.2	170	-60.4
3840	-50.3	80.8	170	-60.1
3850	-49.9	81.4	169	-60.1
3860	-49.4	82.0	168	-60.1
3870	-49.4	82.6	168	-60.4
3880	-50.4	83.2	167	-60.1
3890	-51.7	83.8	167	-60.4
3900	-52.3	84.4	166	-60.4
3910	-51.9	85.0	165	-60.1
3920	-51.0	85.6	165	-59.9
3930	-49.9	86.2	164	-60.1
3940	-50.0	86.8	164	-60.1
3950	-51.1	87.4	163	-60.4
3960	-53.0	88.0	162	-60.4
3970	-54.6	88.6	162	-60.4
3980	-55.1	89.2	161	-60.4
3990	-54.2	89.8	161	-60.4
4000	-52.6	90.4	160	-60.6
4010	-51.5	91.0	159	-60.1
4020	-51.9	91.6	159	-60.1
4030	-53.2	92.2	158	-60.1
4040	-54.5	92.8	158	-60.4
4050	-54.9	93.4	157	-60.4
4060	-54.8	94.0	156	-60.1
4070	-54.2	94.6	156	-59.9
4080	-53.8	95.2	155	-60.1
4090	-53.4	95.8	155	-60.1
4100	-53.2	96.4	154	-60.1
4110	-53.0	97.0	153	-60.1
4120	-53.0	97.6	153	-60.4
4130	-53.2	98.2	152	-60.6
4140	-54.0	98.8	152	-60.4
4150	-55.1	99.5	151	-60.4
4160	-56.0	100.1	150	-60.6
4170	-56.7	100.7	150	-60.6
4180	-57.1	101.3	149	-60.6
4190	-56.8	101.9	149	-60.6
4200	-56.1	102.5	148	-60.6
4210	-54.9	103.1	147	-60.6
4220	-54.5	103.7	147	-60.4
4230	-54.9	104.3	146	-60.6
4240	-55.9	104.9	146	-60.6
4250	-56.7	105.5	145	-60.9
4260	-56.8	106.1	144	-60.6

4270	-56.8	106.7	144	-60.6
4280	-56.7	107.3	143	-60.6
4290	-56.0	108.0	142	-60.9
4300	-55.3	108.6	142	-61.2
4310	-54.5	109.2	141	-60.9
4320	-53.7	109.8	141	-60.9
4330	-53.4	110.4	140	-60.6
4340	-53.4	111.0	139	-60.6
4350	-53.6	111.6	139	-60.6
4360	-53.4	112.2	138	-60.4
4370	-53.2	112.8	138	-60.6
4380	-52.9	113.4	137	-60.4
4390	-52.7	114.0	136	-60.6
4400	-52.3	114.6	136	-60.6
4410	-52.3	115.2	135	-60.1
4420	-52.2	115.8	135	-60.6
4430	-52.1	116.5	134	-60.9
4440	-52.1	117.1	133	-60.6
4450	-52.6	117.7	133	-60.6
4460	-53.2	118.3	132	-60.6
4470	-53.8	118.9	132	-60.9
4480	-53.8	119.5	131	-60.9
4490	-54.5	120.1	130	-61.2
4500	-54.8	120.7	130	-60.6
4510	-55.1	121.3	129	-60.6
4520	-55.1	121.9	129	-60.9
4530	-55.1	122.5	128	-60.9
4540	-54.9	123.1	127	-60.9
4550	-55.2	123.8	127	-60.9
4560	-55.3	124.4	126	-60.9
4570	-55.3	125.0	125	-60.9
4580	-55.3	125.6	125	-61.2
4590	-55.2	126.2	124	-61.2
4600	-54.9	126.8	124	-61.2
4610	-54.8	127.4	123	-61.2
4620	-54.8	128.0	122	-60.9
4630	-54.8	128.6	122	-61.2
4640	-54.8	129.3	121	-61.2
4650	-55.2	129.9	121	-61.2
4660	-55.3	130.5	120	-60.9
4670	-55.5	131.1	119	-60.9
4680	-55.3	131.7	119	-60.9
4690	-55.5	132.3	118	-60.9
4700	-55.5	132.9	118	-60.9
4710	-55.7	133.5	117	-61.2
4720	-56.4	134.1	116	-61.2
4730	-56.4	134.8	116	-61.2
4740	-56.0	135.4	115	-61.2
4750	-55.1	136.0	114	-61.2
4760	-54.6	136.6	114	-61.2
4770	-54.2	137.2	113	-61.2
4780	-54.4	137.8	113	-61.2
4790	-54.8	138.4	112	-61.2
4800	-54.5	139.0	111	-60.9

4810	-53.6	139.6	111	-60.9
4820	-52.1	140.3	110	-60.9
4830	-50.4	140.9	110	-60.9
4840	-49.4	141.5	109	-60.9
4850	-49.2	142.1	108	-60.9
4860	-50.6	142.7	108	-60.9
4870	-51.4	143.3	107	-61.2
4880	-51.7	143.9	107	-61.2
4890	-50.9	144.5	106	-61.2
4900	-49.6	145.1	105	-60.9
4910	-48.4	145.7	105	-60.9
4920	-47.5	146.4	104	-60.9
4930	-47.7	147.0	103	-60.9
4940	-48.5	147.6	103	-60.9
4950	-49.2	148.2	102	-60.6
4960	-49.4	148.8	102	-60.6
4970	-49.0	149.4	101	-60.6
4980	-48.4	150.0	100	-60.6
4990	-47.3	150.6	100	-60.6
5000	-46.8	151.2	99	-60.6
5010	-46.4	151.8	99	-60.9
5020	-46.4	152.4	98	-60.9
5030	-46.9	153.0	97	-60.9
5040	-48.0	153.6	97	-60.6
5050	-48.3	154.3	96	-60.9
5060	-48.0	154.9	96	-60.9
5070	-47.2	155.5	95	-60.6
5080	-46.6	156.1	94	-60.4
5090	-46.5	156.7	94	-60.4
5100	-46.4	157.3	93	-60.6
5110	-46.5	157.9	93	-60.4
5120	-47.1	158.5	92	-60.4
5130	-47.3	159.1	91	-60.6
5140	-46.8	159.7	91	-60.6
5150	-46.1	160.3	90	-60.4
5160	-45.8	160.9	90	-60.4
5170	-46.0	161.5	89	-60.6
5180	-46.4	162.1	88	-60.9
5190	-46.8	162.8	88	-60.9
5200	-46.9	163.4	87	-60.9
5210	-46.5	164.0	86	-60.6
5220	-45.2	164.6	86	-60.9
5230	-44.1	165.2	85	-60.4
5240	-43.3	165.8	85	-60.4
5250	-43.1	166.4	84	-60.1
5260	-43.7	167.0	83	-60.1
5270	-44.7	167.6	83	-59.9
5280	-45.4	168.2	82	-59.9
5290	-45.4	168.8	82	-59.9
5300	-44.6	169.4	81	-59.6
5310	-43.4	170.0	80	-59.9
5320	-41.9	170.6	80	-60.1
5330	-41.1	171.2	79	-59.9
5340	-41.1	171.8	79	-59.9

5350	-41.2	172.4	78	-59.9
5360	-41.1	173.0	77	-60.1
5370	-40.5	173.6	77	-60.4
5380	-40.0	174.2	76	-59.9
5390	-39.3	174.8	76	-60.1
5400	-38.6	175.4	75	-59.9
5410	-37.7	176.0	74	-59.9
5420	-37.4	176.6	74	-60.1
5430	-37.3	177.2	73	-59.9
5440	-37.3	177.8	73	-60.1
5450	-37.0	178.4	72	-59.9
5460	-36.5	179.0	71	-59.9
5470	-35.7	179.6	71	-60.1
5480	-34.8	180.2	70	-60.1
5490	-34.7	180.8	70	-60.1
5500	-34.7	181.4	69	-59.9
5510	-35.5	182.0	68	-59.9
5520	-36.3	182.6	68	-59.9
5530	-36.3	183.2	67	-59.9
5540	-36.5	183.8	67	-59.9
5550	-36.7	184.4	66	-59.6
5560	-37.2	185.0	65	-59.6
5570	-37.7	185.6	65	-59.9
5580	-38.0	186.2	64	-59.6
5590	-37.8	186.8	64	-59.3
5600	-37.4	187.4	63	-59.3
5610	-36.6	188.0	62	-59.9
5620	-36.2	188.6	62	-60.1
5630	-36.5	189.2	61	-60.1
5640	-37.4	189.8	61	-59.9
5650	-38.2	190.4	60	-59.9
5660	-38.8	191.0	59	-59.9
5670	-38.8	191.6	59	-60.1
5680	-38.2	192.2	58	-59.9
5690	-37.7	192.8	58	-59.9
5700	-37.6	193.4	57	-59.6
5710	-37.4	194.0	56	-59.9
5720	-38.0	194.6	56	-59.9
5730	-38.4	195.2	55	-60.1
5740	-38.9	195.8	55	-59.9
5750	-39.3	196.4	54	-59.9
5760	-39.3	197.0	53	-60.1
5770	-38.9	197.6	53	-60.1
5780	-38.8	198.2	52	-60.1
5790	-38.9	198.8	52	-60.1
5800	-39.2	199.4	51	-60.1
5810	-39.6	200.0	50	-60.1
5820	-40.3	200.6	50	-60.1
5830	-40.5	201.2	49	-60.1
5840	-40.3	201.8	49	-59.9
5850	-39.6	202.4	48	-59.9
5860	-38.9	203.0	47	-59.6
5870	-38.2	203.6	47	-59.6
5880	-38.1	204.2	46	-59.6

5890	-38.6	204.8	46	-59.3
5900	-39.5	205.4	45	-59.6
5910	-40.0	206.0	44	-60.1
5920	-40.4	206.6	44	-60.1
5930	-40.3	207.2	43	-59.9
5940	-40.3	207.8	43	-60.1
5950	-40.0	208.4	42	-60.1
5960	-40.1	209.0	41	-59.9
5970	-40.1	209.6	41	-59.9
5980	-40.5	210.2	40	-59.9
5990	-40.7	210.8	40	-59.9
6000	-40.7	211.4	39	-59.6
6010	-40.4	212.0	38	-59.6
6020	-40.0	212.6	38	-59.9
6030	-39.3	213.2	37	-59.9
6040	-38.5	213.8	37	-59.9
6050	-38.1	214.4	36	-59.6
6060	-37.8	214.9	36	-59.6
6070	-37.4	215.5	35	-59.9
6080	-37.0	216.1	34	-59.9
6090	-37.2	216.7	34	-59.6
6100	-37.2	217.3	33	-59.6
6110	-37.3	217.9	33	-59.9
6120	-37.3	218.5	32	-59.6
6130	-37.3	219.1	31	-59.3
6140	-36.7	219.7	31	-59.3
6150	-36.2	220.3	30	-59.3
6160	-35.8	220.9	30	-59.3
6170	-35.3	221.5	29	-59.3
6180	-35.1	222.1	28	-59.3
6190	-35.0	222.7	28	-59.1
6200	-34.8	223.3	27	-59.6
6210	-34.4	223.9	27	-59.6
6220	-34.0	224.5	26	-59.6
6230	-33.6	225.1	25	-59.3
6240	-33.8	225.7	25	-59.6
6250	-33.8	226.3	24	-59.6
6260	-34.0	226.9	24	-59.6
6270	-34.3	227.5	23	-59.6
6280	-34.3	228.0	22	-59.3
6290	-33.9	228.6	22	-59.3
6300	-33.1	229.2	21	-59.3
6310	-32.4	229.8	21	-59.1
6320	-31.9	230.4	20	-59.3
6330	-31.9	231.0	19	-59.6
6340	-32.1	231.6	19	-59.6
6350	-32.3	232.2	18	-59.6
6360	-32.7	232.8	18	-59.6
6370	-32.7	233.4	17	-59.6
6380	-32.8	234.0	16	-59.6
6390	-32.3	234.6	16	-59.6
6400	-32.1	235.2	15	-59.3
6410	-31.7	235.8	15	-59.3
6420	-31.9	236.4	14	-59.3

6430	-31.3	237.0	13	-59.3
6440	-30.9	237.6	13	-59.3
6450	-30.5	238.2	12	-59.1
6460	-30.0	238.7	12	-59.3
6470	-28.9	239.3	11	-59.6
6480	-28.1	239.9	11	-59.6
6490	-28.1	240.5	10	-59.6
6500	-28.1	241.1	9	-59.3
6510	-28.3	241.7	9	-59.6
6520	-27.9	242.3	8	-59.9
6530	-27.7	242.9	8	-59.3
6540	-27.0	243.5	7	-59.1
6550	-26.7	244.1	6	-59.6
6560	-26.6	244.7	6	-59.3
6570	-27.0	245.3	5	-59.6
6580	-27.9	245.9	5	-59.3
6590	-28.9	246.5	4	-59.3
6600	-29.3	247.1	3	-59.6
6610	-29.0	247.7	3	-59.6
6620	-28.3	248.3	2	-59.3
6630	-27.4	248.9	2	-59.3
6640	-27.1	249.5	1	-59.3
6650	-26.8	250.0	0	-59.3
6660	-27.3	250.6	0	-59.3
6670	-27.7	251.2	-1	-59.3
6680	-27.4	251.8	-1	-59.3
6690	-27.1	252.4	-2	-59.3
6700	-26.0	253.0	-3	-59.3
6710	-26.0	253.6	-3	-59.1
6720	-26.0	254.2	-4	-59.3
6730	-26.6	254.8	-4	-59.3
6740	-27.0	255.4	-5	-59.6
6750	-27.4	256.0	-6	-59.3
6760	-27.4	256.6	-6	-59.1
6770	-26.8	257.2	-7	-59.3
6780	-25.9	257.8	-7	-59.6
6790	-25.4	258.4	-8	-59.6
6800	-25.1	259.0	-9	-59.3
6810	-24.7	259.6	-9	-59.3
6820	-24.1	260.1	-10	-59.3
6830	-22.8	260.7	-10	-59.3
6840	-21.7	261.3	-11	-59.1
6850	-20.6	261.9	-11	-59.1
6860	-20.5	262.5	-12	-59.3
6870	-20.1	263.1	-13	-59.3
6880	-20.1	263.7	-13	-59.6
6890	-19.9	264.3	-14	-59.3
6900	-19.5	264.9	-14	-59.1
6910	-19.0	265.5	-15	-59.3
6920	-18.4	266.1	-16	-59.3
6930	-18.0	266.7	-16	-59.3
6940	-17.8	267.3	-17	-59.3
6950	-17.6	267.9	-17	-59.3
6960	-18.4	268.4	-18	-61.2

6970	-25.0	268.9	-18	-44.1
6980	-32.5	269.3	-19	-32.7
6990	-35.5	269.6	-19	-33.0
7000	-32.7	269.8	-19	-26.3
7010	-25.6	270.0	-20	-21.0
7020	-18.7	270.2	-20	-15.9
7030	-14.4	270.3	-20	-12.5
7040	-13.2	270.4	-20	-10.1
7050	-14.5	270.5	-20	-7.4
7060	-16.4	270.6	-20	-5.5
7070	-16.8	270.6	-20	-5.3
7080	-15.1	270.7	-20	-3.9
7090	-11.5	270.7	-20	-2.9
7100	-7.3	270.7	-20	-1.8
7110	-3.4	270.7	-20	-1.5
7120	-0.4	270.7	-20	-1.0
7130	-2.3	270.8	-20	-0.5
7140	0.5	270.8	-20	-0.2
7150	0.8	270.8	-20	0.0
7160	0.8	270.8	-20	0.0
7170	1.5	270.8	-20	0.0
7180	10.4	270.8	-20	0.5
7190	24.8	270.7	-20	4.2
7200	27.1	270.6	-20	7.9
7210	19.9	270.5	-20	12.7
7220	11.5	270.4	-20	15.9
7230	7.9	270.2	-20	17.5
7240	12.1	270.0	-20	18.6
7250	20.6	269.7	-19	25.2
7260	27.3	269.5	-19	30.0
7270	27.9	269.1	-19	37.0
7280	24.1	268.8	-18	43.6
7290	18.7	268.3	-18	49.5
7300	16.3	267.8	-17	53.7
7310	17.9	267.3	-17	52.7
7320	21.6	266.8	-16	56.9
7330	25.0	266.2	-16	60.9
7340	28.9	265.6	-15	60.9
7350	31.3	264.9	-14	61.2
7360	31.7	264.3	-14	61.2
7370	30.6	263.7	-13	61.2
7380	29.4	263.1	-13	61.2
7390	28.5	262.5	-12	60.9
7400	28.7	261.9	-11	61.2
7410	29.2	261.3	-11	61.2
7420	29.8	260.7	-10	61.2
7430	29.7	260.0	-10	61.2
7440	28.9	259.4	-9	61.2
7450	27.8	258.8	-8	61.2
7460	27.3	258.2	-8	61.2
7470	27.4	257.6	-7	60.9
7480	27.8	257.0	-7	61.2
7490	28.1	256.4	-6	61.2
7500	28.2	255.8	-5	61.2

7510	27.8	255.1	-5	61.2
7520	27.1	254.5	-4	61.2
7530	26.6	253.9	-3	61.2
7540	25.9	253.3	-3	60.9
7550	25.6	252.7	-2	61.2
7560	25.6	252.1	-2	61.2
7570	26.3	251.5	-1	61.2
7580	26.3	250.9	0	61.2
7590	26.7	250.3	0	61.2
7600	26.8	249.6	1	60.9
7610	26.6	249.0	1	60.9
7620	26.3	248.4	2	61.2
7630	26.0	247.8	3	61.2
7640	26.2	247.2	3	60.9
7650	26.4	246.6	4	60.9
7660	26.6	246.0	4	60.9
7670	26.4	245.4	5	61.2
7680	26.4	244.8	6	60.9
7690	26.4	244.1	6	60.9
7700	26.7	243.5	7	60.6
7710	26.8	242.9	8	60.9
7720	26.4	242.3	8	60.9
7730	26.2	241.7	9	60.6
7740	25.2	241.1	9	60.6
7750	24.5	240.5	10	60.9
7760	24.1	239.9	11	60.9
7770	24.4	239.3	11	60.4
7780	24.7	238.7	12	60.9
7790	25.1	238.1	12	60.6
7800	24.8	237.5	13	60.9
7810	24.8	236.8	14	60.6
7820	24.3	236.2	14	60.4
7830	23.9	235.6	15	60.6
7840	23.1	235.0	15	60.4
7850	23.1	234.4	16	60.6
7860	23.3	233.8	17	60.4
7870	24.1	233.2	17	60.6
7880	24.8	232.6	18	60.9
7890	25.4	232.0	18	60.9
7900	25.0	231.4	19	60.6
7910	24.3	230.8	20	60.4
7920	23.6	230.2	20	60.6
7930	23.6	229.6	21	60.6
7940	24.0	229.0	21	60.6
7950	24.5	228.4	22	60.4
7960	25.0	227.7	23	60.6
7970	25.0	227.1	23	60.6
7980	24.4	226.5	24	60.6
7990	24.3	225.9	25	60.6
8000	24.8	225.3	25	60.4
8010	25.2	224.7	26	60.4
8020	25.6	224.1	26	60.4
8030	25.5	223.5	27	60.4
8040	25.4	222.9	28	60.4

8050	25.0	222.3	28	60.4
8060	25.1	221.7	29	60.6
8070	25.2	221.1	29	60.4
8080	26.3	220.5	30	60.4
8090	26.8	219.9	31	60.4
8100	27.3	219.3	31	60.6
8110	26.8	218.7	32	60.4
8120	26.8	218.1	32	60.4
8130	26.7	217.5	33	60.4
8140	26.8	216.9	34	60.4
8150	27.1	216.3	34	60.6
8160	27.8	215.6	35	60.4
8170	28.3	215.0	35	60.4
8180	28.7	214.4	36	60.4
8190	28.6	213.8	37	60.6
8200	28.5	213.2	37	60.6
8210	28.5	212.6	38	60.4
8220	28.9	212.0	38	60.4
8230	29.7	211.4	39	60.6
8240	30.1	210.8	40	60.6
8250	30.5	210.2	40	60.6
8260	30.4	209.6	41	60.6
8270	30.2	209.0	41	60.4
8280	29.8	208.4	42	60.6
8290	30.4	207.8	43	60.4
8300	30.8	207.2	43	60.6
8310	31.7	206.6	44	60.4
8320	32.0	206.0	44	60.6
8330	32.1	205.3	45	60.6
8340	31.6	204.7	46	60.6
8350	31.3	204.1	46	60.6
8360	31.3	203.5	47	60.6
8370	31.7	202.9	48	60.6
8380	31.9	202.3	48	60.6
8390	32.3	201.7	49	60.6
8400	32.1	201.1	49	60.6
8410	31.7	200.5	50	60.6
8420	30.9	199.9	51	60.4
8430	29.7	199.3	51	60.4
8440	29.0	198.7	52	60.4
8450	28.7	198.1	52	60.4
8460	29.2	197.5	53	60.4
8470	29.7	196.9	54	60.1
8480	30.4	196.3	54	60.4
8490	30.5	195.7	55	60.4
8500	30.4	195.1	55	60.4
8510	29.7	194.5	56	60.4
8520	29.4	193.9	57	60.4
8530	29.3	193.3	57	60.4
8540	29.6	192.6	58	60.4
8550	30.2	192.0	58	60.6
8560	31.1	191.4	59	60.6
8570	30.9	190.8	60	60.4
8580	30.8	190.2	60	60.4

8590	30.2	189.6	61	60.4
8600	30.5	189.0	61	60.4
8610	31.1	188.4	62	60.1
8620	32.1	187.8	63	60.6
8630	33.0	187.2	63	60.4
8640	32.8	186.6	64	60.4
8650	32.5	186.0	64	60.4
8660	31.9	185.4	65	60.6
8670	32.1	184.8	66	60.4
8680	32.5	184.2	66	60.6
8690	33.4	183.6	67	60.6
8700	33.6	183.0	67	60.4
8710	33.5	182.4	68	60.4
8720	32.3	181.8	69	60.4
8730	31.3	181.2	69	60.1
8740	30.4	180.6	70	60.4
8750	30.8	180.0	70	60.1
8760	30.9	179.3	71	60.4
8770	31.3	178.7	72	60.4
8780	31.2	178.1	72	60.1
8790	31.1	177.5	73	60.4
8800	31.1	176.9	74	60.1
8810	31.5	176.3	74	60.4
8820	32.3	175.7	75	60.4
8830	33.2	175.1	75	60.4
8840	34.2	174.5	76	60.4
8850	34.6	173.9	77	60.6
8860	34.6	173.3	77	60.4
8870	34.3	172.7	78	60.4
8880	34.0	172.1	78	60.4
8890	34.3	171.5	79	60.4
8900	34.6	170.9	80	60.4
8910	35.1	170.3	80	60.4
8920	36.1	169.7	81	60.4
8930	36.1	169.1	81	60.1
8940	35.7	168.5	82	60.4
8950	34.7	167.9	83	60.4
8960	35.1	167.3	83	60.1
8970	35.8	166.7	84	60.6
8980	37.2	166.0	84	60.6
8990	38.1	165.4	85	60.6
9000	38.0	164.8	86	60.9
9010	37.0	164.2	86	60.4
9020	35.9	163.6	87	60.6
9030	35.3	163.0	87	60.4
9040	35.7	162.4	88	60.4
9050	36.7	161.8	89	60.4
9060	37.6	161.2	89	60.6
9070	38.0	160.6	90	60.6
9080	37.6	160.0	90	60.6
9090	37.2	159.4	91	60.6
9100	36.7	158.8	92	60.6
9110	37.2	158.2	92	60.6
9120	37.6	157.5	93	60.6

9130	38.5	156.9	94	60.6
9140	38.9	156.3	94	60.6
9150	39.3	155.7	95	60.6
9160	38.9	155.1	95	60.6
9170	38.5	154.5	96	60.6
9180	38.5	153.9	97	60.6
9190	38.9	153.3	97	60.6
9200	39.5	152.7	98	60.9
9210	40.0	152.1	98	60.6
9220	40.0	151.5	99	60.4
9230	39.9	150.9	100	60.9
9240	39.2	150.3	100	60.6
9250	39.2	149.6	101	60.9
9260	39.6	149.0	101	60.9
9270	40.4	148.4	102	60.6
9280	41.4	147.8	103	60.9
9290	41.5	147.2	103	61.2
9300	41.2	146.6	104	61.2
9310	41.0	146.0	104	60.9
9320	41.1	145.4	105	60.9
9330	41.5	144.8	106	60.9
9340	42.0	144.2	106	60.9
9350	42.2	143.5	107	61.2
9360	42.2	142.9	108	60.9
9370	42.6	142.3	108	61.2
9380	42.7	141.7	109	60.9
9390	43.1	141.1	109	61.2
9400	43.5	140.5	110	60.9
9410	43.7	139.9	111	61.2
9420	42.8	139.3	111	61.2
9430	41.8	138.7	112	61.2
9440	41.0	138.0	112	60.9
9450	40.3	137.4	113	60.9
9460	40.4	136.8	114	61.2
9470	40.7	136.2	114	61.2
9480	41.0	135.6	115	60.9
9490	41.2	135.0	115	60.9
9500	41.6	134.4	116	60.9
9510	41.8	133.8	117	61.2
9520	42.0	133.2	117	60.9
9530	42.3	132.5	118	61.2
9540	42.3	131.9	119	61.2
9550	42.0	131.3	119	60.9
9560	41.8	130.7	120	60.9
9570	41.5	130.1	120	60.9
9580	41.1	129.5	121	61.2
9590	40.8	128.9	122	61.2
9600	41.0	128.3	122	61.2
9610	41.0	127.7	123	60.9
9620	41.4	127.0	123	61.2
9630	41.2	126.4	124	60.9
9640	41.1	125.8	125	61.4
9650	40.7	125.2	125	60.9
9660	40.8	124.6	126	61.2

9670	41.0	124.0	126	61.2
9680	41.2	123.4	127	61.2
9690	41.5	122.8	128	60.9
9700	41.9	122.2	128	61.2
9710	41.8	121.5	129	61.2
9720	41.6	120.9	130	61.4
9730	41.2	120.3	130	61.4
9740	41.0	119.7	131	61.4
9750	40.7	119.1	131	61.2
9760	40.7	118.5	132	61.2
9770	40.1	117.9	133	61.2
9780	40.1	117.3	133	60.9
9790	39.9	116.6	134	60.9
9800	40.4	116.0	134	61.2
9810	40.5	115.4	135	60.9
9820	40.4	114.8	136	61.2
9830	39.9	114.2	136	61.2
9840	39.5	113.6	137	61.2
9850	39.1	113.0	137	61.2
9860	38.9	112.4	138	60.9
9870	38.6	111.7	139	61.2
9880	38.6	111.1	139	61.2
9890	38.4	110.5	140	61.2
9900	38.4	109.9	141	60.9
9910	37.7	109.3	141	60.9
9920	37.4	108.7	142	61.2
9930	37.3	108.1	142	60.9
9940	37.4	107.5	143	61.2
9950	37.6	106.9	144	61.2
9960	37.7	106.3	144	60.9
9970	37.6	105.6	145	60.9
9980	37.3	105.0	145	61.2
9990	36.9	104.4	146	61.2
10000	36.9	103.8	147	61.2
10010	37.2	103.2	147	61.2
10020	37.4	102.6	148	60.9
10030	37.2	102.0	148	61.2
10040	36.9	101.4	149	61.4
10050	36.7	100.7	150	61.2
10060	36.5	100.1	150	61.2
10070	36.5	99.5	151	61.4
10080	36.9	98.9	152	60.9
10090	36.9	98.3	152	61.2
10100	36.6	97.7	153	60.9
10110	36.2	97.1	153	61.2
10120	35.4	96.5	154	61.2
10130	34.6	95.8	155	61.2
10140	34.3	95.2	155	60.9
10150	34.3	94.6	156	60.9
10160	34.2	94.0	156	61.2
10170	34.6	93.4	157	61.2
10180	34.4	92.8	158	61.2
10190	34.3	92.2	158	60.9
10200	33.4	91.6	159	60.9

10210	33.4	91.0	159	61.2
10220	33.0	90.3	160	60.9
10230	33.2	89.7	161	60.9
10240	33.2	89.1	161	60.9
10250	33.4	88.5	162	61.2
10260	32.8	87.9	163	60.9
10270	32.0	87.3	163	60.9
10280	31.2	86.7	164	60.9
10290	30.8	86.1	164	61.2
10300	30.5	85.5	165	61.2
10310	30.5	84.8	166	61.2
10320	30.0	84.2	166	60.9
10330	29.4	83.6	167	60.9
10340	28.6	83.0	167	61.2
10350	28.3	82.4	168	60.9
10360	28.3	81.8	169	60.9
10370	28.7	81.2	169	60.9
10380	29.2	80.6	170	60.9
10390	29.4	80.0	170	61.2
10400	28.7	79.3	171	61.2
10410	28.2	78.7	172	60.9
10420	27.1	78.1	172	61.2
10430	26.4	77.5	173	60.9
10440	26.0	76.9	174	60.9
10450	26.0	76.3	174	60.6
10460	26.0	75.7	175	60.9
10470	26.2	75.1	175	61.2
10480	25.4	74.5	176	60.9
10490	25.1	73.9	177	60.9
10500	24.8	73.3	177	53.5
10510	29.7	72.8	178	44.9
10520	37.4	72.3	178	40.9
10530	42.4	72.0	178	36.2
10540	41.8	71.7	179	26.3
10550	35.9	71.5	179	22.6
10560	29.8	71.3	179	16.2
10570	26.2	71.2	179	13.8
10580	26.0	71.1	179	9.8
10590	27.4	71.0	179	7.1
10600	27.7	70.9	180	7.4
10610	26.7	70.8	180	5.3
10620	24.0	70.8	180	3.9
10630	19.8	70.8	180	3.1
10640	16.7	70.7	180	2.6
10650	13.8	70.7	180	2.1
10660	12.3	70.7	180	1.3
10670	9.9	70.7	180	0.0
10680	5.6	70.7	180	0.0
10690	-0.8	70.7	180	0.0
10700	-2.3	70.7	180	1.0
10710	-5.6	70.7	180	1.0
10720	-14.8	70.7	180	-1.0
10730	-23.2	70.7	180	-3.1
10740	-23.2	70.8	180	-6.1

10750	-16.4	70.9	180	-11.7
10760	-9.8	71.0	179	-15.4
10770	-9.6	71.2	179	-18.6
10780	-16.0	71.5	179	-21.0
10790	-24.1	71.7	179	-25.5
10800	-27.7	72.1	178	-31.6
10810	-25.2	72.5	178	-38.3
10820	-19.5	73.0	177	-44.1
10830	-15.5	73.5	177	-48.7
10840	-17.4	74.1	176	-56.7
10850	-24.8	74.6	176	-57.2
10860	-32.1	75.2	175	-58.5
10870	-36.2	75.8	175	-59.3
10880	-35.4	76.4	174	-59.3
10890	-32.4	77.0	173	-59.3
10900	-30.4	77.6	173	-59.3
10910	-32.4	78.2	172	-59.3
10920	-37.7	78.8	172	-59.6
10930	-43.3	79.4	171	-59.9
10940	-45.8	80.0	170	-60.1
10950	-44.9	80.6	170	-60.1
10960	-41.8	81.2	169	-59.9
10970	-38.5	81.8	169	-59.6
10980	-38.2	82.4	168	-59.6
10990	-40.3	83.0	167	-59.9
11000	-43.4	83.6	167	-60.1
11010	-45.3	84.2	166	-60.1
11020	-44.6	84.8	166	-60.4
11030	-42.0	85.4	165	-59.9
11040	-39.9	86.0	164	-59.9
11050	-39.2	86.6	164	-59.9
11060	-41.0	87.2	163	-60.1
11070	-43.8	87.8	163	-60.4
11080	-46.2	88.4	162	-60.1
11090	-47.3	89.0	161	-60.1
11100	-46.5	89.6	161	-60.1
11110	-44.7	90.2	160	-60.1
11120	-43.5	90.8	160	-59.9
11130	-44.3	91.4	159	-59.9
11140	-46.5	92.0	158	-59.9
11150	-48.4	92.6	158	-60.4
11160	-49.4	93.2	157	-60.4
11170	-49.2	93.8	157	-60.1
11180	-48.7	94.4	156	-59.9
11190	-48.1	95.0	155	-59.9
11200	-48.0	95.6	155	-59.9
11210	-48.7	96.2	154	-60.1
11220	-49.9	96.8	154	-59.9
11230	-50.3	97.4	153	-60.1
11240	-49.6	98.0	152	-60.4
11250	-48.5	98.6	152	-60.4
11260	-48.1	99.2	151	-60.1
11270	-48.7	99.8	151	-60.1
11280	-50.0	100.4	150	-60.4

11290	-51.0	101.0	149	-60.4
11300	-51.7	101.6	149	-60.4
11310	-51.7	102.2	148	-60.1
11320	-51.5	102.8	148	-60.1
11330	-50.9	103.4	147	-60.4
11340	-50.3	104.0	146	-60.1
11350	-50.2	104.6	146	-60.4
11360	-50.3	105.3	145	-60.1
11370	-51.1	105.9	145	-60.4
11380	-51.8	106.5	144	-60.6
11390	-52.5	107.1	143	-60.6
11400	-52.5	107.7	143	-60.6
11410	-52.2	108.3	142	-60.6
11420	-51.8	108.9	142	-60.9
11430	-51.4	109.5	141	-60.6
11440	-50.9	110.1	140	-60.4
11450	-50.4	110.7	140	-60.4
11460	-50.4	111.3	139	-60.4
11470	-50.6	111.9	139	-60.4
11480	-50.7	112.5	138	-60.4
11490	-51.4	113.1	137	-60.1
11500	-52.2	113.7	137	-60.6
11510	-52.7	114.3	136	-60.6
11520	-52.7	114.9	136	-60.4
11530	-52.3	115.5	135	-60.6
11540	-51.5	116.2	134	-60.6
11550	-50.7	116.8	134	-60.6
11560	-50.4	117.4	133	-60.6
11570	-51.4	118.0	132	-60.6
11580	-52.2	118.6	132	-60.6
11590	-52.9	119.2	131	-60.9
11600	-52.7	119.8	131	-60.9
11610	-52.6	120.4	130	-60.6
11620	-52.1	121.0	129	-60.6
11630	-51.8	121.6	129	-60.6
11640	-51.5	122.2	128	-60.9
11650	-51.4	122.8	128	-60.9
11660	-51.4	123.4	127	-60.9
11670	-51.9	124.1	126	-60.9
11680	-52.5	124.7	126	-60.9
11690	-52.6	125.3	125	-60.9
11700	-52.7	125.9	125	-61.2
11710	-52.3	126.5	124	-60.9
11720	-52.1	127.1	123	-60.9
11730	-52.2	127.7	123	-60.9
11740	-52.2	128.3	122	-60.9
11750	-52.5	128.9	122	-60.9
11760	-52.6	129.5	121	-60.9
11770	-52.3	130.2	120	-60.9
11780	-52.3	130.8	120	-60.9
11790	-52.3	131.4	119	-60.6
11800	-52.5	132.0	118	-60.9
11810	-52.5	132.6	118	-61.2
11820	-53.0	133.2	117	-60.6

11830	-53.3	133.8	117	-61.2
11840	-53.2	134.4	116	-61.2
11850	-52.9	135.0	115	-60.9
11860	-52.6	135.6	115	-60.9
11870	-52.2	136.2	114	-60.9
11880	-52.1	136.9	114	-60.9
11890	-52.5	137.5	113	-60.9
11900	-53.0	138.1	112	-61.2
11910	-53.7	138.7	112	-60.9
11920	-53.6	139.3	111	-61.2
11930	-53.2	139.9	111	-60.9
11940	-52.5	140.5	110	-61.2
11950	-51.4	141.1	109	-61.2
11960	-50.7	141.7	109	-61.2
11970	-50.4	142.4	108	-60.9
11980	-50.4	143.0	107	-60.9
11990	-50.2	143.6	107	-61.2
12000	-49.8	144.2	106	-61.2
12010	-49.4	144.8	106	-60.9
12020	-49.1	145.4	105	-60.9
12030	-49.2	146.0	104	-60.9
12040	-49.6	146.6	104	-60.9
12050	-49.9	147.2	103	-61.2
12060	-50.0	147.8	103	-60.9
12070	-49.6	148.5	102	-60.6
12080	-48.8	149.1	101	-60.6
12090	-48.7	149.7	101	-60.4
12100	-49.2	150.3	100	-60.6
12110	-50.3	150.9	100	-60.6
12120	-51.7	151.5	99	-61.2
12130	-52.5	152.1	98	-61.2
12140	-52.2	152.7	98	-61.2
12150	-51.5	153.3	97	-60.9
12160	-50.3	153.9	97	-61.2
12170	-49.2	154.6	96	-60.9
12180	-48.8	155.2	95	-60.9
12190	-49.2	155.8	95	-60.6
12200	-49.9	156.4	94	-60.6
12210	-50.3	157.0	93	-60.9
12220	-50.2	157.6	93	-60.9
12230	-50.2	158.2	92	-60.6
12240	-49.6	158.8	92	-60.6
12250	-48.4	159.4	91	-60.9
12260	-47.6	160.0	90	-60.6
12270	-47.3	160.6	90	-60.4
12280	-46.9	161.2	89	-60.4
12290	-46.0	161.8	89	-60.9
12300	-44.5	162.5	88	-60.9
12310	-42.8	163.1	87	-60.6
12320	-42.2	163.7	87	-60.4
12330	-42.4	164.3	86	-60.4
12340	-42.7	164.9	86	-60.6
12350	-42.7	165.5	85	-60.4
12360	-43.0	166.1	84	-60.4

12370	-42.8	166.7	84	-60.1
12380	-42.7	167.3	83	-60.1
12390	-42.3	167.9	83	-59.9
12400	-42.3	168.5	82	-59.9
12410	-42.6	169.1	81	-59.6
12420	-42.8	169.7	81	-59.9
12430	-42.8	170.3	80	-60.1
12440	-43.0	170.9	80	-59.9
12450	-42.8	171.5	79	-60.1
12460	-43.0	172.1	78	-60.1
12470	-42.6	172.7	78	-60.1
12480	-42.3	173.3	77	-60.4
12490	-42.2	173.9	77	-60.1
12500	-42.2	174.5	76	-60.1
12510	-42.4	175.1	75	-60.1
12520	-42.4	175.7	75	-60.4
12530	-42.6	176.3	74	-60.4
12540	-42.2	176.9	74	-60.4
12550	-41.6	177.5	73	-60.4
12560	-41.0	178.1	72	-60.1
12570	-40.1	178.7	72	-60.1
12580	-39.6	179.3	71	-60.1
12590	-38.8	179.9	71	-60.4
12600	-38.2	180.5	70	-60.1
12610	-38.1	181.1	69	-60.4
12620	-38.8	181.7	69	-60.1
12630	-40.0	182.3	68	-59.9
12640	-40.4	182.9	68	-60.1
12650	-40.4	183.5	67	-60.1
12660	-40.4	184.1	66	-59.9
12670	-40.0	184.7	66	-59.9
12680	-40.1	185.3	65	-59.9
12690	-40.3	185.9	65	-59.9
12700	-41.0	186.5	64	-59.6
12710	-41.5	187.1	63	-59.6
12720	-41.9	187.7	63	-60.1
12730	-41.2	188.3	62	-60.4
12740	-40.5	188.9	62	-60.6
12750	-39.7	189.5	61	-60.1
12760	-39.1	190.1	60	-60.1
12770	-38.8	190.7	60	-59.9
12780	-38.9	191.3	59	-60.1
12790	-39.2	191.9	59	-60.1
12800	-39.6	192.5	58	-59.9
12810	-39.5	193.1	57	-59.9
12820	-39.2	193.7	57	-60.1
12830	-38.6	194.3	56	-60.1
12840	-38.5	194.9	56	-60.4
12850	-38.6	195.5	55	-59.9
12860	-39.3	196.1	54	-59.9
12870	-40.1	196.7	54	-60.1
12880	-40.7	197.3	53	-60.1
12890	-40.8	197.9	53	-60.4
12900	-40.4	198.5	52	-60.1

12910	-39.7	199.1	51	-60.4
12920	-39.1	199.8	51	-60.1
12930	-38.9	200.4	50	-60.1
12940	-38.9	201.0	49	-59.9
12950	-39.1	201.6	49	-60.1
12960	-39.2	202.1	48	-59.6
12970	-39.2	202.7	48	-59.6
12980	-38.9	203.3	47	-59.6
12990	-38.5	203.9	47	-59.6
13000	-37.8	204.5	46	-59.3
13010	-37.4	205.1	45	-59.6
13020	-37.3	205.7	45	-59.9
13030	-37.3	206.3	44	-59.9
13040	-37.8	206.9	44	-59.9
13050	-38.0	207.5	43	-59.9
13060	-38.2	208.1	42	-59.9
13070	-38.0	208.7	42	-59.9
13080	-37.6	209.3	41	-59.9
13090	-37.2	209.9	41	-59.6
13100	-37.0	210.5	40	-59.9
13110	-37.0	211.1	39	-59.6
13120	-37.3	211.7	39	-59.3
13130	-37.6	212.3	38	-59.6
13140	-37.3	212.9	38	-59.9
13150	-36.6	213.5	37	-59.9
13160	-36.1	214.1	36	-59.3
13170	-35.8	214.7	36	-59.6
13180	-35.1	215.3	35	-59.6
13190	-34.7	215.9	35	-59.9
13200	-34.6	216.5	34	-59.6
13210	-35.1	217.1	33	-59.6
13220	-35.4	217.7	33	-59.6
13230	-35.8	218.3	32	-59.6
13240	-36.2	218.9	32	-59.6
13250	-36.1	219.5	31	-59.3
13260	-35.8	220.1	30	-59.3
13270	-35.3	220.6	30	-59.3
13280	-34.7	221.2	29	-59.3
13290	-34.6	221.8	29	-59.3
13300	-35.0	222.4	28	-59.1
13310	-35.1	223.0	27	-59.3
13320	-35.1	223.6	27	-59.9
13330	-35.0	224.2	26	-59.6
13340	-34.8	224.8	26	-59.6
13350	-34.4	225.4	25	-59.3
13360	-33.9	226.0	24	-59.6
13370	-33.6	226.6	24	-59.3
13380	-33.6	227.2	23	-59.3
13390	-34.2	227.8	23	-59.3
13400	-34.4	228.4	22	-59.6
13410	-34.6	229.0	21	-59.6
13420	-34.3	229.6	21	-59.3
13430	-33.9	230.2	20	-59.3
13440	-33.6	230.8	20	-59.6

13450	-33.1	231.4	19	-59.6
13460	-33.1	231.9	19	-59.3
13470	-33.1	232.5	18	-59.3
13480	-33.2	233.1	17	-59.3
13490	-32.5	233.7	17	-59.3
13500	-31.7	234.3	16	-59.6
13510	-31.3	234.9	16	-59.3
13520	-31.2	235.5	15	-59.3
13530	-31.1	236.1	14	-59.3
13540	-30.6	236.7	14	-59.6
13550	-30.4	237.3	13	-59.3
13560	-30.0	237.9	13	-59.1
13570	-29.6	238.5	12	-59.3
13580	-28.7	239.1	11	-59.3
13590	-28.2	239.7	11	-59.6
13600	-27.9	240.3	10	-59.6
13610	-28.7	240.9	10	-59.3
13620	-29.2	241.5	9	-59.6
13630	-29.6	242.1	8	-59.9
13640	-29.4	242.6	8	-59.6
13650	-29.4	243.2	7	-59.3
13660	-29.2	243.8	7	-59.6
13670	-28.6	244.4	6	-59.3
13680	-27.8	245.0	5	-59.6
13690	-26.6	245.6	5	-59.3
13700	-25.9	246.2	4	-59.1
13710	-25.5	246.8	4	-59.3
13720	-25.4	247.4	3	-59.3
13730	-25.5	248.0	2	-59.3
13740	-26.2	248.6	2	-59.3
13750	-26.8	249.2	1	-59.3
13760	-27.1	249.8	1	-59.6
13770	-27.4	250.4	0	-59.6
13780	-27.1	251.0	-1	-59.6
13790	-27.1	251.6	-1	-59.3
13800	-26.8	252.2	-2	-59.3
13810	-26.4	252.8	-2	-59.6
13820	-26.0	253.4	-3	-59.3
13830	-25.8	253.9	-3	-59.3
13840	-25.9	254.5	-4	-59.3
13850	-25.4	255.1	-5	-59.3
13860	-24.8	255.7	-5	-59.3
13870	-24.3	256.3	-6	-59.3
13880	-23.7	256.9	-6	-59.3
13890	-22.6	257.5	-7	-59.3
13900	-21.8	258.1	-8	-59.6
13910	-20.7	258.7	-8	-59.3
13920	-20.3	259.3	-9	-59.1
13930	-19.5	259.9	-9	-59.3
13940	-18.4	260.5	-10	-59.3
13950	-17.4	261.1	-11	-59.6
13960	-16.7	261.7	-11	-59.3
13970	-15.9	262.3	-12	-59.3
13980	-14.9	262.8	-12	-59.3

13990	-13.7	263.4	-13	-59.3
14000	-12.1	264.0	-14	-59.3
14010	-11.0	264.6	-14	-59.3
14020	-9.2	265.2	-15	-59.3
14030	-7.3	265.8	-15	-59.3
14040	-4.7	266.4	-16	-59.3
14050	-2.7	267.0	-17	-59.1
14060	-0.9	267.6	-17	-59.1
14070	0.0	268.2	-18	-53.2
14080	-4.6	268.7	-18	-43.1
14090	-14.4	269.1	-19	-34.6
14100	-20.7	269.4	-19	-35.1
14110	-18.6	269.7	-19	-28.4
14120	-11.3	269.9	-19	-22.3
14130	-2.8	270.1	-20	-17.0
14140	0.0	270.2	-20	-13.3
14150	0.0	270.3	-20	-10.6
14160	0.0	270.4	-20	-8.7
14170	0.0	270.5	-20	-6.9
14180	0.0	270.5	-20	-5.3
14190	0.0	270.6	-20	-4.5
14200	0.0	270.6	-20	-3.7
14210	6.1	270.6	-20	-2.3
14220	28.5	270.6	-20	1.8
14230	31.7	270.6	-20	7.1
14240	22.8	270.4	-20	12.5
14250	10.6	270.3	-20	15.4
14260	5.3	270.1	-20	16.7
14270	10.0	269.9	-19	17.3
14280	19.9	269.7	-19	18.9
14290	27.1	269.5	-19	22.8
14300	26.4	269.2	-19	28.4
14310	20.7	268.8	-18	33.5
14320	15.9	268.4	-18	37.2
14330	16.3	267.9	-17	44.7
14340	21.6	267.5	-17	48.7
14350	27.1	266.9	-16	54.0
14360	28.9	266.4	-16	60.4
14370	29.3	265.7	-15	61.2
14380	31.5	265.1	-15	61.2
14390	33.8	264.5	-14	61.2
14400	35.3	263.9	-13	61.4
14410	35.7	263.3	-13	61.2
14420	35.4	262.7	-12	61.2
14430	34.4	262.1	-12	61.4
14440	34.0	261.5	-11	61.4
14450	33.2	260.8	-10	61.2
14460	32.7	260.2	-10	61.2
14470	32.4	259.6	-9	61.2
14480	32.4	259.0	-9	61.2
14490	32.3	258.4	-8	61.2
14500	32.7	257.8	-7	60.9
14510	32.7	257.2	-7	61.2
14520	33.0	256.6	-6	61.2

14530	32.8	255.9	-5	61.4
14540	33.0	255.3	-5	61.2
14550	32.8	254.7	-4	61.2
14560	32.8	254.1	-4	61.2
14570	32.3	253.5	-3	61.2
14580	32.1	252.9	-2	61.2
14590	32.0	252.3	-2	61.2
14600	32.4	251.7	-1	61.2
14610	33.1	251.0	-1	61.4
14620	33.6	250.4	0	61.2
14630	34.4	249.8	1	61.2
14640	34.7	249.2	1	60.9
14650	34.4	248.6	2	61.2
14660	34.3	248.0	2	61.2
14670	34.0	247.4	3	61.2
14680	33.8	246.8	4	60.9
14690	33.5	246.1	4	61.2
14700	33.2	245.5	5	61.2
14710	32.7	244.9	6	60.9
14720	32.3	244.3	6	60.9
14730	31.9	243.7	7	60.9
14740	31.9	243.1	7	60.9
14750	31.9	242.5	8	60.9
14760	32.3	241.9	9	60.9
14770	33.1	241.3	9	60.6
14780	33.0	240.7	10	60.9
14790	32.4	240.0	10	60.9
14800	31.6	239.4	11	60.6
14810	31.2	238.8	12	60.6
14820	31.1	238.2	12	60.6
14830	31.5	237.6	13	60.9
14840	31.7	237.0	13	60.9
14850	32.1	236.4	14	60.6
14860	32.3	235.8	15	60.6
14870	32.0	235.2	15	60.9
14880	31.3	234.6	16	60.9
14890	31.1	234.0	16	60.6
14900	31.2	233.4	17	60.6
14910	32.1	232.8	18	60.9
14920	32.7	232.1	18	60.9
14930	33.2	231.5	19	60.9
14940	32.8	230.9	20	60.6
14950	32.4	230.3	20	60.6
14960	31.9	229.7	21	60.6
14970	32.0	229.1	21	60.6
14980	32.4	228.5	22	60.4
14990	33.1	227.9	23	60.6
15000	33.6	227.3	23	60.6
15010	33.6	226.7	24	60.6
15020	33.6	226.1	24	60.6
15030	33.5	225.5	25	60.6
15040	33.4	224.9	26	60.6
15050	33.4	224.2	26	60.6
15060	33.6	223.6	27	60.6

15070	33.5	223.0	27	60.6
15080	33.4	222.4	28	60.6
15090	33.1	221.8	29	60.6
15100	33.2	221.2	29	60.6
15110	33.2	220.6	30	60.6
15120	33.6	220.0	30	60.4
15130	33.8	219.4	31	60.6
15140	33.5	218.8	32	60.6
15150	32.5	218.2	32	60.4
15160	31.9	217.6	33	60.4
15170	31.3	217.0	33	60.6
15180	31.5	216.4	34	60.6
15190	32.0	215.8	35	60.6
15200	33.1	215.2	35	60.6
15210	33.9	214.5	36	60.6
15220	34.3	213.9	37	60.6
15230	33.8	213.3	37	60.9
15240	33.1	212.7	38	60.4
15250	32.5	212.1	38	60.6
15260	32.7	211.5	39	60.6
15270	33.0	210.9	40	60.6
15280	33.8	210.3	40	60.6
15290	34.6	209.7	41	60.6
15300	35.0	209.1	41	60.6
15310	34.7	208.5	42	60.6
15320	33.9	207.9	43	60.6
15330	33.0	207.3	43	60.4
15340	32.4	206.7	44	60.4
15350	32.5	206.1	44	60.4
15360	33.1	205.5	45	60.4
15370	33.8	204.8	46	60.4
15380	33.6	204.2	46	60.4
15390	33.1	203.6	47	60.4
15400	31.9	203.0	47	60.4
15410	31.7	202.4	48	60.4
15420	31.7	201.8	49	60.6
15430	33.0	201.2	49	60.4
15440	33.4	200.6	50	60.4
15450	33.8	200.0	50	60.4
15460	32.7	199.4	51	60.4
15470	32.1	198.8	52	60.4
15480	31.7	198.2	52	60.6
15490	32.4	197.6	53	60.6
15500	33.2	197.0	53	60.6
15510	34.6	196.4	54	60.6
15520	35.3	195.8	55	60.6
15530	35.1	195.2	55	60.6
15540	34.6	194.6	56	60.6
15550	34.0	193.9	57	60.6
15560	33.8	193.3	57	60.6
15570	33.8	192.7	58	60.6
15580	34.2	192.1	58	60.6
15590	34.3	191.5	59	60.6
15600	34.3	190.9	60	60.6

15610	34.0	190.3	60	60.4
15620	33.9	189.7	61	60.6
15630	33.9	189.1	61	60.6
15640	34.4	188.5	62	60.4
15650	34.7	187.9	63	60.4
15660	35.5	187.3	63	60.6
15670	35.5	186.7	64	60.6
15680	35.7	186.1	64	60.6
15690	34.7	185.5	65	60.4
15700	34.4	184.9	66	60.6
15710	34.3	184.2	66	60.6
15720	34.7	183.6	67	60.4
15730	34.8	183.0	67	60.6
15740	35.0	182.4	68	60.4
15750	34.7	181.8	69	60.4
15760	34.4	181.2	69	60.4
15770	34.4	180.6	70	60.4
15780	35.0	180.0	70	60.4
15790	35.8	179.4	71	60.9
15800	36.3	178.8	72	60.6
15810	35.9	178.2	72	60.6
15820	35.1	177.6	73	60.6
15830	34.4	177.0	73	60.6
15840	34.0	176.4	74	60.6
15850	34.0	175.8	75	60.4
15860	34.3	175.2	75	60.4
15870	35.0	174.6	76	60.4
15880	35.4	173.9	77	60.4
15890	35.7	173.3	77	60.6
15900	35.4	172.7	78	60.4
15910	35.1	172.1	78	60.4
15920	34.8	171.5	79	60.4
15930	34.8	170.9	80	60.4
15940	35.3	170.3	80	60.6
15950	36.3	169.7	81	60.4
15960	36.9	169.1	81	60.4
15970	36.9	168.5	82	60.4
15980	35.5	167.9	83	60.4
15990	34.6	167.3	83	60.4
16000	34.2	166.7	84	60.4
16010	34.6	166.1	84	60.6
16020	35.5	165.5	85	60.4
16030	36.3	164.9	86	60.6
16040	36.9	164.3	86	60.4
16050	36.7	163.7	87	60.6
16060	36.7	163.1	87	60.6
16070	36.7	162.4	88	60.4
16080	37.3	161.8	89	60.4
16090	38.1	161.2	89	60.6
16100	38.9	160.6	90	60.6
16110	39.1	160.0	90	60.6
16120	39.1	159.4	91	60.6
16130	38.4	158.8	92	60.6
16140	38.1	158.2	92	60.6

16150	37.6	157.6	93	60.6
16160	37.3	157.0	93	60.6
16170	36.9	156.4	94	60.6
16180	37.2	155.8	95	60.6
16190	37.2	155.2	95	60.6
16200	37.4	154.6	96	60.6
16210	37.4	154.0	96	60.6
16220	37.8	153.3	97	60.6
16230	38.1	152.7	98	60.6
16240	38.2	152.1	98	60.6
16250	38.1	151.5	99	60.4
16260	38.0	150.9	100	60.4
16270	37.3	150.3	100	60.4
16280	37.2	149.7	101	60.6
16290	37.2	149.1	101	60.6
16300	37.2	148.5	102	60.6
16310	37.6	147.9	103	60.6
16320	37.6	147.3	103	60.9
16330	37.7	146.7	104	60.6
16340	37.3	146.1	104	60.6
16350	37.4	145.5	105	60.6
16360	37.4	144.8	106	60.6
16370	38.0	144.2	106	60.9
16380	38.5	143.6	107	60.9
16390	39.2	143.0	107	60.6
16400	39.6	142.4	108	60.6
16410	39.6	141.8	109	60.6
16420	39.3	141.2	109	60.6
16430	39.2	140.6	110	60.6
16440	39.1	140.0	110	60.6
16450	38.9	139.4	111	60.9
16460	38.8	138.8	112	60.9
16470	39.1	138.2	112	60.9
16480	38.8	137.5	113	60.9
16490	39.2	136.9	114	60.9
16500	38.8	136.3	114	61.2
16510	38.9	135.7	115	60.9
16520	39.1	135.1	115	60.9
16530	39.7	134.5	116	60.6
16540	39.7	133.9	117	60.9
16550	39.7	133.3	117	60.9
16560	39.5	132.7	118	60.9
16570	39.1	132.1	118	60.9
16580	38.8	131.4	119	60.9
16590	38.8	130.8	120	60.9
16600	39.1	130.2	120	60.6
16610	39.3	129.6	121	60.9
16620	39.1	129.0	121	61.2
16630	38.8	128.4	122	61.2
16640	38.8	127.8	123	60.9
16650	38.9	127.2	123	60.6
16660	39.3	126.6	124	60.9
16670	40.1	126.0	124	61.2
16680	40.8	125.3	125	61.2

16690	41.2	124.7	126	60.9
16700	41.6	124.1	126	60.9
16710	41.6	123.5	127	60.9
16720	41.5	122.9	128	61.2
16730	41.2	122.3	128	61.2
16740	41.0	121.7	129	61.2
16750	41.0	121.1	129	61.2
16760	41.1	120.5	130	61.2
16770	41.2	119.8	131	61.2
16780	41.1	119.2	131	61.2
16790	40.8	118.6	132	61.2
16800	40.4	118.0	132	61.2
16810	40.1	117.4	133	61.2
16820	40.4	116.8	134	61.2
16830	40.0	116.2	134	60.9
16840	39.7	115.6	135	61.2
16850	38.9	115.0	135	60.9
16860	38.5	114.3	136	61.2
16870	37.7	113.7	137	60.9
16880	37.7	113.1	137	60.6
16890	37.7	112.5	138	60.9
16900	38.4	111.9	139	60.9
16910	38.5	111.3	139	61.2
16920	38.6	110.7	140	61.2
16930	38.0	110.1	140	61.2
16940	37.2	109.5	141	61.2
16950	36.5	108.8	142	60.9
16960	35.8	108.2	142	60.9
16970	35.5	107.6	143	60.9
16980	35.8	107.0	143	60.9
16990	35.8	106.4	144	60.9
17000	36.1	105.8	145	60.9
17010	35.9	105.2	145	60.9
17020	35.9	104.6	146	60.9
17030	35.8	104.0	146	60.9
17040	36.2	103.4	147	60.9
17050	36.2	102.7	148	61.2
17060	35.8	102.1	148	61.2
17070	35.5	101.5	149	61.2
17080	35.4	100.9	150	60.9
17090	35.3	100.3	150	61.2
17100	35.1	99.7	151	60.9
17110	34.6	99.1	151	60.9
17120	34.8	98.5	152	60.6
17130	34.7	97.9	153	60.9
17140	34.6	97.2	153	60.9
17150	34.0	96.6	154	61.2
17160	33.6	96.0	154	61.2
17170	33.6	95.4	155	60.9
17180	33.6	94.8	156	60.9
17190	33.9	94.2	156	61.2
17200	33.9	93.6	157	60.9
17210	33.8	93.0	157	61.2
17220	33.2	92.4	158	61.2

17230	33.0	91.8	159	60.9
17240	32.0	91.1	159	61.2
17250	31.6	90.5	160	60.9
17260	31.3	89.9	161	60.9
17270	31.6	89.3	161	60.9
17280	31.9	88.7	162	60.9
17290	31.7	88.1	162	61.2
17300	31.6	87.5	163	60.9
17310	31.3	86.9	164	60.9
17320	31.2	86.3	164	60.9
17330	31.2	85.6	165	61.2
17340	31.6	85.0	165	61.2
17350	31.9	84.4	166	61.2
17360	31.5	83.8	167	61.2
17370	30.9	83.2	167	61.2
17380	30.2	82.6	168	60.9
17390	29.8	82.0	168	60.9
17400	29.4	81.4	169	61.2
17410	29.6	80.8	170	60.9
17420	29.3	80.1	170	61.2
17430	29.3	79.5	171	60.9
17440	28.9	78.9	172	60.6
17450	28.6	78.3	172	60.9
17460	28.1	77.7	173	61.2
17470	27.8	77.1	173	60.6
17480	27.7	76.5	174	60.6
17490	27.4	75.9	175	61.2
17500	26.8	75.3	175	60.9
17510	26.4	74.7	176	60.9
17520	25.9	74.0	176	60.9
17530	25.6	73.5	177	54.5
17540	28.9	72.9	178	58.0
17550	36.2	72.5	178	43.9
17560	43.0	72.1	178	31.9
17570	44.3	71.8	179	31.1
17580	40.8	71.5	179	22.8
17590	33.9	71.3	179	19.4
17600	28.5	71.2	179	13.8
17610	26.0	71.1	179	11.7
17620	26.4	71.0	179	8.7
17630	27.3	70.9	180	6.3
17640	26.7	70.9	180	6.3
17650	24.5	70.8	180	4.2
17660	21.2	70.8	180	2.6
17670	17.2	70.7	180	2.9
17680	14.6	70.7	180	2.6
17690	13.2	70.7	180	1.3
17700	11.1	70.7	180	0.0
17710	7.6	70.7	180	0.0
17720	1.2	70.7	180	0.0
17730	-1.4	70.7	180	0.5
17740	-1.9	70.7	180	0.7
17750	-13.2	70.7	180	-0.2
17760	-23.6	70.7	180	-2.6

17770	-27.0	70.8	180	-5.3
17780	-21.3	70.9	180	-11.4
17790	-12.9	71.0	179	-16.5
17800	-9.5	71.2	179	-19.7
17810	-13.7	71.5	179	-22.0
17820	-22.6	71.8	179	-26.0
17830	-29.3	72.1	178	-31.6
17840	-29.6	72.5	178	-39.1
17850	-24.1	73.0	177	-45.7
17860	-18.2	73.5	177	-50.8
17870	-19.3	74.1	176	-56.9
17880	-26.6	74.7	176	-58.0
17890	-34.3	75.3	175	-59.1
17900	-38.2	75.9	175	-59.6
17910	-36.7	76.5	174	-59.6
17920	-32.7	77.1	173	-59.3
17930	-29.4	77.7	173	-59.3
17940	-30.6	78.3	172	-59.3
17950	-35.5	78.9	172	-59.6
17960	-41.1	79.5	171	-60.1
17970	-44.1	80.1	170	-60.4
17980	-43.9	80.7	170	-59.9
17990	-41.0	81.3	169	-59.9
18000	-37.8	81.9	169	-59.9
18010	-37.0	82.5	168	-59.9
18020	-38.4	83.1	167	-59.6
18030	-41.1	83.7	167	-59.9
18040	-42.8	84.3	166	-60.1
18050	-42.7	84.9	166	-60.1
18060	-41.0	85.5	165	-59.9
18070	-39.5	86.1	164	-60.1
18080	-39.3	86.7	164	-59.9
18090	-41.4	87.3	163	-60.1
18100	-43.9	87.9	163	-60.4
18110	-46.1	88.5	162	-60.1
18120	-47.2	89.1	161	-60.4
18130	-46.6	89.7	161	-60.1
18140	-45.2	90.3	160	-60.4
18150	-43.7	90.9	160	-59.9
18160	-43.5	91.5	159	-59.9
18170	-44.5	92.1	158	-59.6
18180	-46.0	92.7	158	-60.1
18190	-46.8	93.3	157	-60.1
18200	-47.1	93.9	157	-59.9
18210	-46.5	94.5	156	-59.9
18220	-45.8	95.1	155	-59.9
18230	-45.6	95.7	155	-59.9
18240	-45.3	96.3	154	-59.9
18250	-45.6	96.9	154	-59.9
18260	-45.7	97.5	153	-59.9
18270	-45.3	98.1	152	-60.1
18280	-45.0	98.7	152	-60.1
18290	-45.2	99.3	151	-60.1
18300	-45.4	99.9	151	-60.1

18310	-46.0	100.5	150	-60.1
18320	-46.1	101.1	149	-60.1
18330	-45.6	101.7	149	-60.1
18340	-44.9	102.3	148	-59.9
18350	-44.5	102.9	148	-59.9
18360	-43.5	103.5	147	-59.9
18370	-42.8	104.1	146	-60.1
18380	-42.3	104.7	146	-59.9
18390	-42.4	105.3	145	-59.9
18400	-42.4	105.9	145	-60.1
18410	-42.4	106.5	144	-59.9
18420	-42.4	107.1	143	-59.9
18430	-42.3	107.7	143	-59.9
18440	-42.4	108.3	142	-60.1
18450	-43.1	108.9	142	-60.1
18460	-43.5	109.5	141	-60.1
18470	-43.9	110.1	140	-60.1
18480	-44.3	110.7	140	-59.9
18490	-43.9	111.3	139	-60.1
18500	-43.8	111.9	139	-59.9
18510	-44.1	112.5	138	-59.9
18520	-44.5	113.1	137	-59.9
18530	-44.7	113.7	137	-60.1
18540	-44.7	114.3	136	-60.1
18550	-44.6	114.9	136	-59.9
18560	-44.5	115.5	135	-60.1
18570	-44.3	116.1	134	-60.1
18580	-43.9	116.7	134	-60.4
18590	-43.7	117.3	133	-60.1
18600	-43.9	117.9	133	-60.1
18610	-44.5	118.5	132	-60.1
18620	-44.7	119.1	131	-60.4
18630	-45.3	119.7	131	-60.4
18640	-45.7	120.3	130	-60.4
18650	-46.2	120.9	130	-60.1
18660	-46.8	121.5	129	-60.4
18670	-47.5	122.1	128	-60.6
18680	-48.1	122.7	128	-60.6
18690	-48.8	123.3	127	-60.6
18700	-49.4	123.9	127	-60.6
18710	-49.8	124.6	126	-60.6
18720	-49.8	125.2	125	-60.9
18730	-50.0	125.8	125	-60.9
18740	-50.2	126.4	124	-60.6
18750	-50.3	127.0	123	-60.9
18760	-50.4	127.6	123	-60.9
18770	-50.6	128.2	122	-60.9
18780	-50.4	128.8	122	-60.9
18790	-50.6	129.4	121	-60.9
18800	-50.7	130.0	120	-60.6
18810	-50.7	130.6	120	-60.6
18820	-50.4	131.2	119	-60.6
18830	-50.0	131.9	119	-60.4
18840	-49.6	132.5	118	-60.6

18850	-49.5	133.1	117	-60.6
18860	-49.1	133.7	117	-60.6
18870	-48.4	134.3	116	-60.6
18880	-48.0	134.9	116	-60.6
18890	-47.3	135.5	115	-60.6
18900	-46.9	136.1	114	-60.6
18910	-47.2	136.7	114	-60.6
18920	-47.5	137.3	113	-60.6
18930	-47.7	137.9	113	-60.9
18940	-48.1	138.5	112	-60.9
18950	-48.1	139.1	111	-60.6
18960	-48.7	139.7	111	-60.4
18970	-48.8	140.4	110	-60.6
18980	-48.7	141.0	109	-60.9
18990	-48.1	141.6	109	-60.9
19000	-48.0	142.2	108	-60.9
19010	-48.1	142.8	108	-60.9
19020	-48.1	143.4	107	-60.9
19030	-48.5	144.0	106	-60.9
19040	-48.7	144.6	106	-60.9
19050	-48.7	145.2	105	-60.6
19060	-48.5	145.8	105	-60.9
19070	-48.7	146.4	104	-60.9
19080	-48.8	147.1	103	-60.9
19090	-49.2	147.7	103	-60.9
19100	-49.5	148.3	102	-60.6
19110	-49.6	148.9	102	-60.6
19120	-49.8	149.5	101	-60.6
19130	-49.4	150.1	100	-60.6
19140	-49.0	150.7	100	-60.6
19150	-48.8	151.3	99	-60.9
19160	-49.0	151.9	99	-60.9
19170	-48.5	152.5	98	-61.2
19180	-48.8	153.1	97	-60.9
19190	-49.2	153.8	97	-61.2
19200	-49.8	154.4	96	-60.9
19210	-50.2	155.0	95	-60.9
19220	-50.2	155.6	95	-60.9
19230	-50.2	156.2	94	-60.6
19240	-49.9	156.8	94	-60.9
19250	-49.2	157.4	93	-60.9
19260	-48.4	158.0	92	-60.6
19270	-48.3	158.6	92	-60.4
19280	-47.9	159.2	91	-60.6
19290	-47.5	159.8	91	-60.9
19300	-47.5	160.4	90	-60.4
19310	-47.6	161.1	89	-60.4
19320	-47.1	161.7	89	-60.9
19330	-46.5	162.3	88	-60.9
19340	-46.0	162.9	88	-60.9
19350	-45.8	163.5	87	-60.6
19360	-46.0	164.1	86	-60.6
19370	-46.1	164.7	86	-60.6
19380	-46.1	165.3	85	-60.6

19390	-46.1	165.9	85	-60.6
19400	-45.7	166.5	84	-60.4
19410	-44.9	167.1	83	-60.1
19420	-44.1	167.7	83	-60.1
19430	-43.3	168.3	82	-60.1
19440	-43.1	168.9	82	-59.6
19450	-43.4	169.5	81	-59.9
19460	-43.7	170.1	80	-60.4
19470	-44.1	170.7	80	-60.1
19480	-44.1	171.3	79	-60.4
19490	-44.2	171.9	79	-60.1
19500	-44.1	172.5	78	-60.4
19510	-43.5	173.1	77	-60.4
19520	-43.5	173.7	77	-60.4
19530	-43.5	174.3	76	-60.1
19540	-43.5	174.9	76	-60.1
19550	-42.8	175.5	75	-60.1
19560	-41.8	176.1	74	-60.4
19570	-40.7	176.8	74	-60.4
19580	-40.0	177.4	73	-60.4
19590	-39.9	178.0	72	-60.1
19600	-40.0	178.6	72	-60.1
19610	-40.4	179.2	71	-60.1
19620	-40.1	179.8	71	-60.4
19630	-39.6	180.4	70	-60.4
19640	-38.9	181.0	69	-60.4
19650	-38.1	181.6	69	-60.4
19660	-37.8	182.2	68	-60.1
19670	-37.7	182.8	68	-59.9
19680	-37.7	183.4	67	-60.1
19690	-38.1	184.0	66	-59.9
19700	-38.2	184.6	66	-59.9
19710	-38.4	185.2	65	-59.9
19720	-38.0	185.8	65	-59.9
19730	-38.1	186.4	64	-59.6
19740	-38.4	187.0	63	-59.3
19750	-38.6	187.6	63	-59.9
19760	-38.5	188.2	62	-60.1
19770	-38.0	188.8	62	-60.4
19780	-37.6	189.4	61	-60.1
19790	-37.7	190.0	60	-59.9
19800	-38.2	190.6	60	-60.1
19810	-38.1	191.2	59	-59.9
19820	-38.1	191.8	59	-60.1
19830	-38.0	192.4	58	-59.9
19840	-37.8	193.0	57	-59.9
19850	-37.7	193.6	57	-59.9
19860	-37.7	194.2	56	-59.9
19870	-37.7	194.8	56	-59.9
19880	-38.0	195.4	55	-60.1
19890	-38.1	196.0	54	-59.9
19900	-38.2	196.6	54	-60.1
19910	-37.8	197.2	53	-59.9
19920	-37.2	197.8	53	-60.1

19930	-36.5	198.4	52	-59.9
19940	-35.9	199.0	51	-59.9
19950	-35.8	199.6	51	-60.1
19960	-35.9	200.2	50	-59.9
19970	-36.3	200.8	50	-59.9
19980	-36.6	201.4	49	-59.9
19990	-36.6	202.0	48	-59.9
20000	-36.3	202.5	48	-59.6
20010	-35.9	203.1	47	-59.6
20020	-35.7	203.7	47	-59.3
20030	-35.4	204.3	46	-59.3
20040	-35.3	204.9	46	-59.3
20050	-35.1	205.5	45	-59.6
20060	-35.1	206.1	44	-59.6
20070	-35.1	206.7	44	-59.6
20080	-35.4	207.3	43	-59.6
20090	-35.4	207.9	43	-59.6
20100	-35.4	208.5	42	-59.6
20110	-35.0	209.1	41	-59.6
20120	-34.7	209.7	41	-59.9
20130	-34.3	210.3	40	-59.6
20140	-33.9	210.9	40	-59.3
20150	-33.6	211.5	39	-59.3
20160	-33.2	212.1	38	-59.3
20170	-33.1	212.7	38	-59.6
20180	-32.8	213.3	37	-59.6
20190	-33.0	213.9	37	-59.3
20200	-33.1	214.5	36	-59.3
20210	-33.1	215.1	35	-59.6
20220	-32.4	215.7	35	-59.6
20230	-32.0	216.3	34	-59.6
20240	-31.5	216.8	34	-59.3
20250	-31.2	217.4	33	-59.3
20260	-30.9	218.0	32	-59.3
20270	-30.6	218.6	32	-59.3
20280	-30.5	219.2	31	-59.3
20290	-30.2	219.8	31	-59.1
20300	-30.2	220.4	30	-59.3
20310	-30.0	221.0	29	-59.3
20320	-30.1	221.6	29	-59.3
20330	-30.2	222.2	28	-59.3
20340	-30.2	222.8	28	-59.1
20350	-29.8	223.4	27	-59.6
20360	-29.2	224.0	26	-59.6
20370	-28.6	224.6	26	-59.3
20380	-28.6	225.2	25	-59.3
20390	-28.6	225.8	25	-59.3
20400	-28.6	226.4	24	-59.6
20410	-29.3	226.9	24	-59.3
20420	-29.7	227.5	23	-59.6
20430	-30.0	228.1	22	-59.3
20440	-29.6	228.7	22	-59.3
20450	-28.5	229.3	21	-59.1
20460	-27.7	229.9	21	-59.1

20470	-26.8	230.5	20	-59.6
20480	-27.0	231.1	19	-59.6
20490	-27.3	231.7	19	-59.6
20500	-27.9	232.3	18	-59.6
20510	-28.2	232.9	18	-59.3
20520	-28.1	233.5	17	-59.6
20530	-27.4	234.1	16	-59.9
20540	-26.6	234.7	16	-59.6
20550	-26.3	235.3	15	-59.3
20560	-26.7	235.9	15	-59.3
20570	-27.4	236.5	14	-59.6
20580	-27.8	237.1	13	-59.3
20590	-28.3	237.7	13	-59.3
20600	-28.1	238.3	12	-59.3
20610	-27.8	238.8	12	-59.3
20620	-26.7	239.4	11	-59.3
20630	-26.4	240.0	10	-59.6
20640	-26.4	240.6	10	-59.3
20650	-27.5	241.2	9	-59.3
20660	-28.5	241.8	9	-59.6
20670	-29.3	242.4	8	-59.9
20680	-30.0	243.0	7	-59.6
20690	-30.0	243.6	7	-59.6
20700	-29.7	244.2	6	-59.6
20710	-29.2	244.8	6	-59.9
20720	-28.9	245.4	5	-59.9
20730	-28.5	246.0	4	-59.6
20740	-28.3	246.6	4	-59.3
20750	-28.1	247.2	3	-59.3
20760	-27.9	247.8	3	-59.3
20770	-27.5	248.4	2	-59.1
20780	-27.5	249.0	1	-59.6
20790	-27.3	249.6	1	-59.6
20800	-27.1	250.2	0	-59.6
20810	-27.5	250.8	0	-59.6
20820	-27.3	251.3	-1	-59.3
20830	-27.3	251.9	-1	-59.3
20840	-26.7	252.5	-2	-59.6
20850	-26.0	253.1	-3	-59.3
20860	-25.9	253.7	-3	-59.1
20870	-25.9	254.3	-4	-59.3
20880	-26.2	254.9	-4	-59.3
20890	-25.8	255.5	-5	-59.3
20900	-25.4	256.1	-6	-59.3
20910	-24.5	256.7	-6	-59.3
20920	-23.9	257.3	-7	-59.3
20930	-22.4	257.9	-7	-59.6
20940	-21.4	258.5	-8	-59.6
20950	-20.5	259.1	-9	-59.1
20960	-20.1	259.7	-9	-59.3
20970	-19.5	260.3	-10	-59.6
20980	-19.5	260.8	-10	-59.6
20990	-19.4	261.4	-11	-59.3
21000	-19.0	262.0	-12	-59.1

21010	-18.4	262.6	-12	-59.6
21020	-17.0	263.2	-13	-59.3
21030	-15.9	263.8	-13	-59.3
21040	-14.9	264.4	-14	-59.1
21050	-14.4	265.0	-15	-59.3
21060	-13.7	265.6	-15	-59.3
21070	-13.4	266.2	-16	-59.6
21080	-13.2	266.8	-16	-59.3
21090	-13.0	267.4	-17	-59.3
21100	-12.3	268.0	-18	-59.3
21110	-13.4	268.5	-18	-58.8
21120	-20.2	269.0	-19	-46.3
21130	-25.5	269.3	-19	-34.8
21140	-25.4	269.6	-19	-25.2
21150	-19.5	269.9	-19	-20.2
21160	-12.2	270.1	-20	-15.7
21170	-6.8	270.2	-20	-11.9
21180	-5.0	270.3	-20	-9.8
21190	-6.2	270.4	-20	-8.2
21200	-8.5	270.5	-20	-8.2
21210	-9.8	270.5	-20	-6.1
21220	-8.5	270.6	-20	-4.5
21230	-5.3	270.6	-20	-3.4
21240	-1.5	270.7	-20	-2.6
21250	0.0	270.7	-20	-1.5
21260	0.0	270.7	-20	-1.3
21270	0.0	270.7	-20	-1.3
21280	0.0	270.7	-20	-1.0
21290	0.9	270.7	-20	-0.7
21300	5.4	270.7	-20	-0.2
21310	22.2	270.7	-20	1.3
21320	27.9	270.7	-20	6.3
21330	24.1	270.6	-20	11.1
21340	14.5	270.4	-20	14.9
21350	8.0	270.3	-20	17.0
21360	9.6	270.1	-20	18.1
21370	17.2	269.8	-19	19.7
21380	25.0	269.6	-19	23.1
21390	27.7	269.3	-19	28.2
21400	25.8	268.9	-18	33.5
21410	21.8	268.5	-18	38.8
21420	19.4	268.1	-18	42.8
21430	20.1	267.5	-17	51.9
21440	23.2	267.0	-17	56.4
21450	26.4	266.4	-16	60.9
21460	30.8	265.8	-15	60.9
21470	35.0	265.2	-15	61.2
21480	36.6	264.5	-14	61.4
21490	36.3	263.9	-13	61.2
21500	34.7	263.3	-13	61.2
21510	33.4	262.7	-12	60.9
21520	33.0	262.1	-12	61.2
21530	34.0	261.5	-11	60.9
21540	35.4	260.9	-10	61.2

21550	36.1	260.3	-10	61.2
21560	36.2	259.6	-9	61.2
21570	35.5	259.0	-9	61.2
21580	34.6	258.4	-8	61.2
21590	34.0	257.8	-7	61.2
21600	33.8	257.2	-7	61.2
21610	33.6	256.6	-6	61.2
21620	33.2	256.0	-6	61.2
21630	32.7	255.4	-5	61.2
21640	31.9	254.7	-4	61.2
21650	31.1	254.1	-4	61.2
21660	30.4	253.5	-3	61.2
21670	30.4	252.9	-2	61.2
21680	31.3	252.3	-2	61.2
21690	32.3	251.7	-1	61.2
21700	33.1	251.1	-1	61.4
21710	32.5	250.5	0	61.2
21720	31.3	249.8	1	60.9
21730	29.7	249.2	1	60.9
21740	28.3	248.6	2	60.9
21750	28.2	248.0	2	60.9
21760	29.2	247.4	3	60.9
21770	30.8	246.8	4	60.6
21780	32.3	246.2	4	60.6
21790	32.4	245.6	5	60.9
21800	31.2	245.0	5	60.9
21810	29.4	244.4	6	60.6
21820	28.2	243.8	7	60.6
21830	27.7	243.2	7	60.6
21840	28.3	242.5	8	60.6
21850	28.7	241.9	9	60.6
21860	29.2	241.3	9	60.6
21870	28.3	240.7	10	60.6
21880	27.8	240.1	10	60.6
21890	27.0	239.5	11	60.4
21900	26.7	238.9	12	60.4
21910	26.8	238.3	12	60.4
21920	27.7	237.7	13	60.6
21930	28.1	237.1	13	60.6
21940	27.8	236.5	14	60.4
21950	27.3	235.9	15	60.4
21960	27.0	235.3	15	60.6
21970	27.0	234.7	16	60.6
21980	27.5	234.1	16	60.4
21990	28.3	233.5	17	60.4
22000	29.3	232.9	18	60.6
22010	29.8	232.2	18	60.9
22020	29.6	231.6	19	60.6
22030	29.0	231.0	19	60.4
22040	28.3	230.4	20	60.4
22050	28.7	229.8	21	60.6
22060	29.6	229.2	21	60.6
22070	30.9	228.6	22	60.6
22080	31.6	228.0	22	60.6

22090	31.2	227.4	23	60.9
22100	29.7	226.8	24	60.6
22110	28.7	226.2	24	60.4
22120	28.9	225.6	25	60.4
22130	30.0	225.0	25	60.6
22140	30.8	224.4	26	60.9
22150	31.9	223.8	27	60.6
22160	32.3	223.1	27	60.6
22170	32.5	222.5	28	60.6
22180	32.1	221.9	29	60.9
22190	32.1	221.3	29	60.6
22200	32.8	220.7	30	60.9
22210	34.2	220.1	30	60.6
22220	35.0	219.5	31	60.9
22230	35.3	218.9	32	61.2
22240	34.8	218.3	32	60.6
22250	34.2	217.7	33	60.6
22260	33.5	217.1	33	60.9
22270	33.1	216.5	34	60.6
22280	33.2	215.9	35	60.9
22290	33.9	215.2	35	60.6
22300	34.6	214.6	36	60.6
22310	34.8	214.0	36	60.9
22320	34.4	213.4	37	60.9
22330	33.5	212.8	38	60.9
22340	32.8	212.2	38	60.6
22350	32.8	211.6	39	60.6
22360	33.8	211.0	39	60.6
22370	34.7	210.4	40	60.9
22380	35.5	209.8	41	60.6
22390	35.1	209.2	41	60.6
22400	34.4	208.6	42	60.6
22410	33.5	207.9	43	60.6
22420	33.4	207.3	43	60.6
22430	33.8	206.7	44	60.6
22440	35.1	206.1	44	60.6
22450	35.8	205.5	45	60.9
22460	36.1	204.9	46	60.4
22470	35.4	204.3	46	60.4
22480	34.4	203.7	47	60.6
22490	33.9	203.1	47	60.6
22500	34.0	202.5	48	60.6
22510	34.3	201.9	49	60.4
22520	35.1	201.3	49	60.6
22530	35.1	200.7	50	60.6
22540	34.6	200.1	50	60.4
22550	33.8	199.5	51	60.4
22560	33.5	198.9	52	60.6
22570	33.8	198.3	52	60.4
22580	34.6	197.6	53	60.6
22590	35.5	197.0	53	60.6
22600	36.2	196.4	54	60.6
22610	36.1	195.8	55	60.6
22620	34.8	195.2	55	60.6

22630	34.0	194.6	56	60.4
22640	33.6	194.0	56	60.4
22650	33.9	193.4	57	60.4
22660	34.4	192.8	58	60.6
22670	34.8	192.2	58	60.9
22680	34.7	191.6	59	60.6
22690	34.8	191.0	59	60.6
22700	34.3	190.4	60	60.4
22710	34.3	189.8	61	60.4
22720	33.9	189.2	61	60.4
22730	34.2	188.6	62	60.4
22740	34.6	187.9	63	60.6
22750	35.1	187.3	63	60.6
22760	35.1	186.7	64	60.6
22770	35.0	186.1	64	60.6
22780	34.6	185.5	65	60.4
22790	34.4	184.9	66	60.4
22800	34.6	184.3	66	60.6
22810	34.7	183.7	67	60.6
22820	35.0	183.1	67	60.4
22830	34.8	182.5	68	60.4
22840	35.1	181.9	69	60.4
22850	34.8	181.3	69	60.4
22860	34.8	180.7	70	60.4
22870	34.8	180.1	70	60.4
22880	35.1	179.5	71	60.9
22890	35.4	178.9	72	60.6
22900	35.8	178.2	72	60.9
22910	35.8	177.6	73	60.4
22920	36.1	177.0	73	60.6
22930	36.3	176.4	74	60.9
22940	36.7	175.8	75	60.6
22950	36.9	175.2	75	60.6
22960	37.3	174.6	76	60.4
22970	37.2	174.0	76	60.9
22980	37.2	173.4	77	60.6
22990	36.9	172.8	78	60.4
23000	37.0	172.2	78	60.4
23010	37.2	171.6	79	60.6
23020	37.4	171.0	79	60.6
23030	37.7	170.4	80	60.6
23040	38.5	169.8	81	60.4
23050	38.6	169.2	81	60.4
23060	38.0	168.5	82	60.4
23070	36.9	167.9	83	60.6
23080	36.1	167.3	83	60.4
23090	36.1	166.7	84	60.4
23100	36.6	166.1	84	60.6
23110	37.6	165.5	85	60.6
23120	37.6	164.9	86	60.6
23130	37.4	164.3	86	60.6
23140	36.3	163.7	87	60.6
23150	35.7	163.1	87	60.6
23160	35.5	162.5	88	60.4

23170	36.5	161.9	89	60.4
23180	37.4	161.3	89	60.6
23190	38.4	160.7	90	60.6
23200	38.6	160.1	90	60.6
23210	38.9	159.5	91	60.6
23220	38.4	158.8	92	60.6
23230	38.4	158.2	92	60.9
23240	38.2	157.6	93	60.6
23250	38.5	157.0	93	60.6
23260	38.4	156.4	94	60.6
23270	38.0	155.8	95	60.6
23280	37.2	155.2	95	60.6
23290	37.0	154.6	96	60.4
23300	37.3	154.0	96	60.6
23310	38.4	153.4	97	60.6
23320	39.5	152.8	98	60.6
23330	40.3	152.2	98	60.9
23340	40.3	151.6	99	60.6
23350	39.6	150.9	100	60.6
23360	38.1	150.3	100	60.6
23370	37.2	149.7	101	60.6
23380	37.3	149.1	101	60.6
23390	38.0	148.5	102	60.6
23400	39.1	147.9	103	60.9
23410	39.3	147.3	103	60.9
23420	39.2	146.7	104	60.9
23430	38.6	146.1	104	60.9
23440	38.4	145.5	105	60.6
23450	38.0	144.9	106	60.9
23460	38.1	144.3	106	60.9
23470	38.0	143.7	107	60.9
23480	38.1	143.0	107	60.6
23490	37.6	142.4	108	60.9
23500	36.9	141.8	109	60.6
23510	35.8	141.2	109	60.6
23520	35.5	140.6	110	60.6
23530	36.3	140.0	110	60.6
23540	37.8	139.4	111	60.9
23550	38.9	138.8	112	60.9
23560	39.2	138.2	112	60.9
23570	38.5	137.6	113	60.9
23580	37.8	137.0	113	60.9
23590	36.6	136.4	114	60.9
23600	36.2	135.7	115	60.6
23610	36.3	135.1	115	60.6
23620	36.9	134.5	116	60.6
23630	37.2	133.9	117	60.6
23640	37.4	133.3	117	60.6
23650	37.3	132.7	118	60.6
23660	37.2	132.1	118	60.9
23670	37.0	131.5	119	60.9
23680	36.7	130.9	120	60.6
23690	36.6	130.3	120	60.9
23700	36.7	129.7	121	60.6

23710	37.0	129.1	121	60.9
23720	37.2	128.5	122	60.6
23730	37.0	127.8	123	60.9
23740	36.5	127.2	123	60.9
23750	35.9	126.6	124	60.6
23760	35.5	126.0	124	60.6
23770	35.8	125.4	125	60.6
23780	36.1	124.8	126	60.9
23790	36.6	124.2	126	60.6
23800	36.3	123.6	127	60.6
23810	35.9	123.0	127	60.6
23820	35.0	122.4	128	60.6
23830	34.4	121.8	129	60.6
23840	34.3	121.2	129	60.6
23850	34.7	120.5	130	60.6
23860	35.0	119.9	131	60.9
23870	35.1	119.3	131	60.9
23880	35.0	118.7	132	60.9
23890	34.6	118.1	132	60.9
23900	33.9	117.5	133	60.9
23910	33.9	116.9	134	60.9
23920	33.9	116.3	134	60.6
23930	33.8	115.7	135	60.6
23940	33.4	115.1	135	60.9
23950	33.2	114.5	136	60.9
23960	33.1	113.8	137	60.6
23970	33.1	113.2	137	60.6
23980	33.4	112.6	138	60.9
23990	33.2	112.0	138	60.9
24000	33.5	111.4	139	60.9
24010	33.5	110.8	140	60.6
24020	33.4	110.2	140	60.9
24030	33.2	109.6	141	60.9
24040	33.1	109.0	141	60.9
24050	33.2	108.4	142	60.9
24060	33.4	107.8	143	60.9
24070	33.4	107.2	143	60.9
24080	33.0	106.5	144	60.9
24090	32.8	105.9	145	60.9
24100	32.4	105.3	145	60.9
24110	32.1	104.7	146	60.9
24120	32.1	104.1	146	60.9
24130	32.3	103.5	147	60.9
24140	32.8	102.9	148	60.9
24150	32.7	102.3	148	60.9
24160	32.7	101.7	149	61.2
24170	32.5	101.1	149	61.2
24180	32.8	100.4	150	60.9
24190	32.8	99.8	151	61.2
24200	33.2	99.2	151	61.2
24210	33.1	98.6	152	60.9
24220	33.2	98.0	152	60.9
24230	32.4	97.4	153	60.9
24240	31.7	96.8	154	60.9

24250	30.8	96.2	154	61.2
24260	30.9	95.6	155	60.9
24270	31.2	95.0	155	60.9
24280	31.5	94.3	156	61.2
24290	31.7	93.7	157	60.9
24300	32.0	93.1	157	61.2
24310	31.9	92.5	158	61.2
24320	31.9	91.9	159	61.2
24330	31.9	91.3	159	61.2
24340	31.6	90.7	160	61.2
24350	31.2	90.1	160	61.2
24360	31.3	89.5	161	60.9
24370	31.1	88.8	162	60.9
24380	30.9	88.2	162	60.9
24390	30.8	87.6	163	60.9
24400	30.9	87.0	163	61.2
24410	30.6	86.4	164	61.2
24420	30.4	85.8	165	61.2
24430	30.0	85.2	165	61.2
24440	30.0	84.6	166	60.9
24450	29.4	84.0	166	60.9
24460	28.9	83.3	167	61.2
24470	28.5	82.7	168	60.9
24480	27.9	82.1	168	60.9
24490	27.1	81.5	169	61.2
24500	26.4	80.9	170	60.9
24510	25.6	80.3	170	60.9
24520	25.2	79.7	171	60.6
24530	24.8	79.1	171	60.9
24540	24.1	78.5	172	60.9
24550	23.3	77.9	173	60.9
24560	22.8	77.2	173	60.6
24570	22.5	76.6	174	60.9
24580	22.2	76.0	174	60.6
24590	21.8	75.4	175	60.6
24600	21.6	74.8	176	60.9
24610	21.7	74.2	176	60.6
24620	21.3	73.6	177	60.6
24630	23.7	73.0	177	60.1
24640	30.2	72.5	178	50.0
24650	36.9	72.2	178	37.2
24660	39.3	71.9	179	26.6
24670	36.2	71.6	179	26.3
24680	30.0	71.4	179	18.6
24690	23.9	71.2	179	15.9
24700	21.6	71.1	179	11.1
24710	22.1	71.0	179	8.2
24720	23.2	70.9	180	8.2
24730	23.2	70.9	180	6.1
24740	21.8	70.8	180	4.2
24750	19.0	70.8	180	3.9
24760	16.3	70.8	180	2.6
24770	14.1	70.7	180	2.3
24780	12.6	70.7	180	2.3

24790	11.0	70.7	180	0.7
24800	9.5	70.7	180	0.0
24810	5.2	70.7	180	0.0
24820	-1.1	70.7	180	0.0
24830	-1.1	70.7	180	0.7
24840	-5.0	70.7	180	1.3
24850	-14.2	70.7	180	-0.7
24860	-20.5	70.7	180	-2.9
24870	-19.9	70.8	180	-5.0
24880	-13.8	70.8	180	-9.5
24890	-8.1	71.0	179	-12.7
24900	-8.8	71.1	179	-15.4
24910	-14.6	71.3	179	-17.8
24920	-21.8	71.6	179	-22.0
24930	-25.2	71.9	179	-27.4
24940	-23.7	72.2	178	-33.8
24950	-19.1	72.6	178	-39.4
24960	-15.6	73.1	177	-43.9
24970	-16.0	73.6	177	-47.6
24980	-20.1	74.2	176	-56.7
24990	-25.2	74.8	176	-57.7
25000	-29.0	75.4	175	-58.8
25010	-30.5	76.0	174	-59.1
25020	-30.5	76.6	174	-59.3
25030	-30.5	77.2	173	-59.6
25040	-32.3	77.8	173	-59.6
25050	-35.9	78.4	172	-59.6
25060	-40.0	79.0	171	-60.1
25070	-42.8	79.6	171	-60.4
25080	-43.5	80.2	170	-60.1
25090	-42.6	80.8	170	-60.1
25100	-41.1	81.4	169	-59.9
25110	-40.8	82.0	168	-60.1
25120	-41.8	82.6	168	-60.1
25130	-44.1	83.2	167	-60.1
25140	-46.2	83.8	167	-60.1
25150	-47.3	84.4	166	-60.1
25160	-46.8	85.0	165	-60.1
25170	-45.0	85.6	165	-60.1
25180	-42.7	86.2	164	-59.9
25190	-41.5	86.8	164	-59.9
25200	-42.2	87.4	163	-60.1
25210	-44.2	88.0	162	-60.1
25220	-46.8	88.6	162	-59.9
25230	-48.0	89.2	161	-60.1
25240	-47.7	89.8	161	-60.4
25250	-46.5	90.4	160	-60.1
25260	-45.8	91.0	159	-60.1
25270	-45.8	91.6	159	-59.9
25280	-46.5	92.2	158	-59.9
25290	-47.2	92.8	158	-60.1
25300	-47.5	93.4	157	-60.1
25310	-48.0	94.0	156	-59.9
25320	-48.3	94.6	156	-59.9

25330	-48.7	95.2	155	-59.9
25340	-49.1	95.8	155	-60.1
25350	-49.4	96.4	154	-60.1
25360	-49.6	97.0	153	-59.9
25370	-49.6	97.6	153	-60.1
25380	-49.2	98.2	152	-60.4
25390	-48.5	98.8	152	-60.4
25400	-47.7	99.4	151	-60.1
25410	-48.1	100.0	150	-60.1
25420	-49.0	100.6	150	-60.4
25430	-50.0	101.2	149	-60.4
25440	-51.1	101.8	149	-60.6
25450	-51.7	102.4	148	-60.1
25460	-51.5	103.0	147	-60.1
25470	-50.7	103.6	147	-60.4
25480	-49.2	104.2	146	-60.4
25490	-48.4	104.8	146	-60.4
25500	-48.4	105.4	145	-60.4
25510	-49.0	106.0	144	-60.1
25520	-50.0	106.6	144	-60.4
25530	-50.6	107.2	143	-60.4
25540	-51.0	107.8	143	-60.4
25550	-51.0	108.5	142	-60.6
25560	-51.0	109.1	141	-60.6
25570	-50.6	109.7	141	-60.6
25580	-50.2	110.3	140	-60.1
25590	-49.6	110.9	140	-60.4
25600	-49.0	111.5	139	-60.6
25610	-48.5	112.1	138	-60.1
25620	-48.7	112.7	138	-60.1
25630	-49.1	113.3	137	-60.4
25640	-49.4	113.9	137	-60.4
25650	-49.4	114.5	136	-60.4
25660	-49.5	115.1	135	-60.4
25670	-49.6	115.7	135	-60.4
25680	-49.5	116.3	134	-60.6
25690	-49.1	116.9	134	-60.6
25700	-48.7	117.5	133	-60.4
25710	-48.7	118.1	132	-60.4
25720	-48.8	118.7	132	-60.4
25730	-49.1	119.3	131	-60.6
25740	-49.6	120.0	130	-60.6
25750	-50.3	120.6	130	-60.4
25760	-50.6	121.2	129	-60.6
25770	-50.4	121.8	129	-60.6
25780	-49.9	122.4	128	-60.6
25790	-49.4	123.0	127	-60.6
25800	-49.0	123.6	127	-60.6
25810	-49.4	124.2	126	-60.4
25820	-49.8	124.8	126	-60.9
25830	-50.4	125.4	125	-60.9
25840	-50.9	126.0	124	-60.9
25850	-50.7	126.6	124	-61.2
25860	-49.9	127.2	123	-60.6

25870	-49.0	127.8	123	-60.9
25880	-48.4	128.5	122	-60.6
25890	-48.7	129.1	121	-60.6
25900	-48.8	129.7	121	-60.6
25910	-49.6	130.3	120	-60.6
25920	-50.4	130.9	120	-60.6
25930	-51.1	131.5	119	-60.6
25940	-51.0	132.1	118	-60.6
25950	-51.0	132.7	118	-60.6
25960	-50.9	133.3	117	-60.6
25970	-50.9	133.9	117	-60.9
25980	-50.6	134.5	116	-60.9
25990	-50.0	135.1	115	-60.9
26000	-49.8	135.8	115	-60.9
26010	-49.2	136.4	114	-60.6
26020	-49.0	137.0	113	-60.6
26030	-48.7	137.6	113	-60.9
26040	-48.4	138.2	112	-60.9
26050	-48.1	138.8	112	-60.6
26060	-48.0	139.4	111	-60.6
26070	-47.7	140.0	110	-60.6
26080	-47.5	140.6	110	-60.6
26090	-46.6	141.2	109	-60.6
26100	-46.1	141.8	109	-60.6
26110	-46.1	142.4	108	-60.6
26120	-46.6	143.0	107	-60.9
26130	-46.9	143.7	107	-60.9
26140	-47.3	144.3	106	-60.9
26150	-47.3	144.9	106	-60.9
26160	-47.2	145.5	105	-60.9
26170	-46.4	146.1	104	-60.9
26180	-45.8	146.7	104	-60.6
26190	-45.6	147.3	103	-60.6
26200	-46.2	147.9	103	-60.6
26210	-47.3	148.5	102	-60.4
26220	-48.0	149.1	101	-60.6
26230	-48.4	149.7	101	-60.4
26240	-48.4	150.3	100	-60.9
26250	-48.0	150.9	100	-60.6
26260	-47.7	151.6	99	-60.9
26270	-47.6	152.2	98	-60.9
26280	-47.7	152.8	98	-60.9
26290	-48.1	153.4	97	-60.6
26300	-48.0	154.0	96	-60.9
26310	-47.5	154.6	96	-60.6
26320	-47.1	155.2	95	-60.9
26330	-46.6	155.8	95	-60.6
26340	-46.4	156.4	94	-60.6
26350	-46.1	157.0	93	-60.6
26360	-46.1	157.6	93	-60.6
26370	-46.4	158.2	92	-60.4
26380	-46.1	158.8	92	-60.4
26390	-45.4	159.5	91	-60.6
26400	-45.0	160.1	90	-60.6

26410	-45.0	160.7	90	-60.4
26420	-45.0	161.3	89	-60.4
26430	-45.3	161.9	89	-60.6
26440	-45.4	162.5	88	-60.6
26450	-45.8	163.1	87	-60.9
26460	-45.8	163.7	87	-60.6
26470	-45.7	164.3	86	-60.6
26480	-45.3	164.9	86	-60.6
26490	-44.7	165.5	85	-60.4
26500	-44.2	166.1	84	-60.4
26510	-44.1	166.7	84	-60.1
26520	-44.1	167.3	83	-60.1
26530	-44.2	167.9	83	-59.9
26540	-44.3	168.5	82	-59.9
26550	-44.5	169.1	81	-59.9
26560	-44.5	169.7	81	-59.9
26570	-44.1	170.3	80	-60.4
26580	-44.1	170.9	80	-60.1
26590	-44.2	171.5	79	-60.4
26600	-44.7	172.1	78	-60.1
26610	-44.9	172.7	78	-60.4
26620	-44.6	173.3	77	-60.6
26630	-44.2	173.9	77	-60.4
26640	-43.7	174.6	76	-60.4
26650	-42.8	175.2	75	-60.1
26660	-42.2	175.8	75	-60.1
26670	-42.2	176.4	74	-60.4
26680	-42.4	177.0	73	-60.4
26690	-42.8	177.6	73	-60.4
26700	-43.3	178.2	72	-60.4
26710	-43.5	178.8	72	-60.4
26720	-43.1	179.4	71	-60.1
26730	-42.2	180.0	70	-60.6
26740	-41.0	180.6	70	-60.4
26750	-40.0	181.2	69	-60.4
26760	-39.7	181.8	69	-60.1
26770	-40.4	182.4	68	-60.1
26780	-40.7	183.0	67	-60.1
26790	-41.1	183.6	67	-60.1
26800	-40.5	184.2	66	-59.9
26810	-40.0	184.8	66	-59.9
26820	-39.3	185.4	65	-59.9
26830	-38.8	186.0	64	-59.6
26840	-39.1	186.6	64	-59.6
26850	-39.5	187.2	63	-59.6
26860	-39.9	187.8	63	-59.9
26870	-39.7	188.4	62	-60.4
26880	-39.6	189.0	61	-60.1
26890	-39.9	189.6	61	-60.1
26900	-40.1	190.2	60	-60.1
26910	-40.7	190.8	60	-60.1
26920	-40.8	191.4	59	-60.4
26930	-40.8	192.0	58	-60.1
26940	-40.5	192.6	58	-59.9

26950	-39.7	193.2	57	-59.9
26960	-39.1	193.8	57	-59.9
26970	-38.4	194.4	56	-60.1
26980	-37.7	195.0	55	-60.4
26990	-37.3	195.6	55	-60.1
27000	-37.2	196.2	54	-59.6
27010	-36.9	196.8	54	-59.9
27020	-36.7	197.4	53	-59.9
27030	-36.7	198.0	52	-59.9
27040	-36.7	198.6	52	-59.9
27050	-36.7	199.2	51	-60.1
27060	-36.6	199.8	51	-60.1
27070	-36.7	200.4	50	-59.9
27080	-36.5	201.0	49	-59.9
27090	-36.3	201.6	49	-59.9
27100	-35.7	202.2	48	-59.6
27110	-35.4	202.8	48	-59.6
27120	-35.4	203.4	47	-59.3
27130	-35.5	204.0	46	-59.6
27140	-35.5	204.6	46	-59.3
27150	-35.5	205.2	45	-59.3
27160	-35.3	205.8	45	-59.9
27170	-34.7	206.4	44	-59.9
27180	-34.4	207.0	43	-59.6
27190	-34.0	207.6	43	-59.6
27200	-34.2	208.2	42	-59.9
27210	-34.3	208.8	42	-59.6
27220	-34.6	209.4	41	-59.9
27230	-34.3	210.0	40	-59.6
27240	-33.9	210.5	40	-59.6
27250	-33.0	211.1	39	-59.3
27260	-32.1	211.7	39	-59.1
27270	-31.6	212.3	38	-59.6
27280	-31.2	212.9	38	-59.6
27290	-31.3	213.5	37	-59.6
27300	-31.6	214.1	36	-59.3
27310	-31.6	214.7	36	-59.3
27320	-31.2	215.3	35	-59.6
27330	-31.1	215.9	35	-59.9
27340	-30.9	216.5	34	-59.6
27350	-31.3	217.1	33	-59.3
27360	-31.9	217.7	33	-59.6
27370	-32.4	218.3	32	-59.6
27380	-33.0	218.9	32	-59.6
27390	-33.1	219.5	31	-59.6
27400	-32.7	220.1	30	-59.3
27410	-32.0	220.7	30	-59.3
27420	-31.5	221.3	29	-59.3
27430	-30.9	221.9	29	-59.3
27440	-30.8	222.4	28	-59.1
27450	-30.6	223.0	27	-59.3
27460	-30.6	223.6	27	-59.6
27470	-30.9	224.2	26	-59.6
27480	-30.8	224.8	26	-59.3

27490	-30.2	225.4	25	-59.6
27500	-29.2	226.0	24	-59.6
27510	-28.3	226.6	24	-59.3
27520	-27.9	227.2	23	-59.3
27530	-28.3	227.8	23	-59.1
27540	-28.7	228.4	22	-59.6
27550	-29.4	229.0	21	-59.3
27560	-29.7	229.6	21	-59.3
27570	-30.0	230.2	20	-59.3
27580	-29.7	230.8	20	-59.6
27590	-28.5	231.4	19	-59.6
27600	-27.8	232.0	18	-59.3
27610	-27.4	232.6	18	-59.3
27620	-27.4	233.1	17	-59.3
27630	-27.4	233.7	17	-59.3
27640	-27.9	234.3	16	-59.3
27650	-28.2	234.9	16	-59.3
27660	-28.2	235.5	15	-59.3
27670	-27.8	236.1	14	-59.3
27680	-27.3	236.7	14	-59.3
27690	-27.0	237.3	13	-59.3
27700	-26.7	237.9	13	-59.1
27710	-26.7	238.5	12	-59.1
27720	-26.3	239.1	11	-59.3
27730	-26.0	239.7	11	-59.6
27740	-25.8	240.3	10	-59.6
27750	-26.2	240.9	10	-59.3
27760	-26.2	241.5	9	-59.3
27770	-26.0	242.1	8	-59.9
27780	-25.6	242.7	8	-59.6
27790	-25.5	243.3	7	-59.3
27800	-25.6	243.8	7	-59.3
27810	-25.8	244.4	6	-59.6
27820	-25.6	245.0	5	-59.6
27830	-25.5	245.6	5	-59.6
27840	-25.9	246.2	4	-59.1
27850	-26.3	246.8	4	-59.6
27860	-26.2	247.4	3	-59.3
27870	-25.9	248.0	2	-59.3
27880	-26.0	248.6	2	-59.3
27890	-26.0	249.2	1	-59.3
27900	-26.0	249.8	1	-59.6
27910	-26.4	250.4	0	-59.3
27920	-26.3	251.0	-1	-59.3
27930	-26.3	251.6	-1	-59.3
27940	-25.9	252.2	-2	-59.6
27950	-25.5	252.8	-2	-59.6
27960	-25.1	253.4	-3	-59.3
27970	-25.1	254.0	-4	-59.1
27980	-25.2	254.5	-4	-59.3
27990	-24.5	255.1	-5	-59.3
28000	-23.9	255.7	-5	-59.3
28010	-23.3	256.3	-6	-59.1
28020	-23.1	256.9	-6	-59.1

28030	-22.6	257.5	-7	-59.6
28040	-22.4	258.1	-8	-59.6
28050	-21.8	258.7	-8	-59.3
28060	-21.8	259.3	-9	-59.3
28070	-21.4	259.9	-9	-59.6
28080	-20.6	260.5	-10	-59.6
28090	-19.5	261.1	-11	-59.3
28100	-19.0	261.7	-11	-59.3
28110	-18.6	262.3	-12	-59.3
28120	-18.6	262.9	-12	-59.6
28130	-18.7	263.5	-13	-59.6
28140	-18.6	264.1	-14	-59.6
28150	-18.3	264.6	-14	-59.3
28160	-17.4	265.2	-15	-59.3
28170	-16.1	265.8	-15	-59.1
28180	-15.1	266.4	-16	-59.3
28190	-14.4	267.0	-17	-59.3
28200	-13.8	267.6	-17	-59.1
28210	-13.2	268.2	-18	-52.9
28220	-16.8	268.7	-18	-43.3
28230	-25.1	269.1	-19	-42.8
28240	-29.7	269.5	-19	-35.1
28250	-28.3	269.7	-19	-26.0
28260	-22.5	269.9	-19	-18.3
28270	-15.3	270.1	-20	-14.6
28280	-10.0	270.2	-20	-11.1
28290	-7.7	270.4	-20	-8.7
28300	-7.9	270.4	-20	-7.1
28310	-9.8	270.5	-20	-7.1
28320	-10.3	270.6	-20	-5.5
28330	-8.1	270.6	-20	-3.9
28340	-3.1	270.6	-20	-2.9
28350	0.0	270.7	-20	-1.8
28360	0.0	270.7	-20	-1.3
28370	0.0	270.7	-20	-1.0
28380	0.8	270.7	-20	-0.7
28390	3.9	270.7	-20	-0.5
28400	11.9	270.7	-20	0.7
28410	22.6	270.7	-20	4.5
28420	21.4	270.6	-20	7.9
28430	14.9	270.5	-20	11.1
28440	9.5	270.4	-20	13.5
28450	9.8	270.2	-20	14.9
28460	15.9	270.0	-20	19.9
28470	22.2	269.8	-19	23.1
28480	24.3	269.6	-19	28.7
28490	21.3	269.3	-19	34.6
28500	17.5	268.9	-18	39.1
28510	16.7	268.5	-18	43.1
28520	19.9	268.1	-18	46.8
28530	24.0	267.6	-17	47.1
28540	25.1	267.1	-17	52.9
28550	22.9	266.6	-16	59.1
28560	22.0	265.9	-15	60.6

28570	25.6	265.3	-15	60.6
28580	31.5	264.7	-14	61.2
28590	35.5	264.1	-14	61.4
28600	37.3	263.5	-13	61.4
28610	36.9	262.9	-12	61.2
28620	35.8	262.3	-12	61.2
28630	34.4	261.7	-11	61.2
28640	33.8	261.0	-11	61.2
28650	33.8	260.4	-10	61.2
28660	34.7	259.8	-9	61.2
28670	35.1	259.2	-9	61.2
28680	34.7	258.6	-8	61.2
28690	33.8	258.0	-8	60.9
28700	32.5	257.4	-7	60.9
28710	31.2	256.8	-6	61.2
28720	31.1	256.2	-6	61.2
28730	31.7	255.5	-5	61.2
28740	32.5	254.9	-4	61.2
28750	32.8	254.3	-4	61.2
28760	32.1	253.7	-3	61.2
28770	31.2	253.1	-3	60.9
28780	30.2	252.5	-2	61.2
28790	30.6	251.9	-1	61.2
28800	31.5	251.3	-1	61.2
28810	32.4	250.6	0	61.2
28820	33.1	250.0	0	61.2
28830	33.6	249.4	1	60.9
28840	33.5	248.8	2	61.2
28850	32.1	248.2	2	61.4
28860	31.3	247.6	3	61.2
28870	30.8	247.0	3	60.9
28880	30.8	246.4	4	60.9
28890	31.2	245.8	5	61.2
28900	31.5	245.1	5	61.2
28910	32.0	244.5	6	60.9
28920	32.4	243.9	7	60.9
28930	32.5	243.3	7	60.9
28940	32.4	242.7	8	60.9
28950	32.4	242.1	8	60.9
28960	32.1	241.5	9	60.6
28970	31.6	240.9	10	60.6
28980	30.5	240.3	10	60.9
28990	30.0	239.7	11	60.6
29000	29.6	239.1	11	60.6
29010	30.0	238.4	12	60.9
29020	30.1	237.8	13	60.6
29030	30.5	237.2	13	60.9
29040	30.1	236.6	14	60.6
29050	29.8	236.0	14	60.4
29060	29.6	235.4	15	60.6
29070	29.7	234.8	16	60.9
29080	29.4	234.2	16	60.6
29090	29.8	233.6	17	60.6
29100	30.2	233.0	17	60.6

29110	30.6	232.4	18	60.9
29120	30.8	231.8	19	60.9
29130	31.3	231.2	19	60.6
29140	31.5	230.5	20	60.6
29150	31.6	229.9	21	60.9
29160	31.5	229.3	21	60.6
29170	31.2	228.7	22	60.6
29180	31.2	228.1	22	60.4
29190	31.6	227.5	23	60.9
29200	31.7	226.9	24	60.6
29210	32.3	226.3	24	60.6
29220	32.7	225.7	25	60.6
29230	33.0	225.1	25	60.6
29240	32.5	224.5	26	60.9
29250	32.3	223.9	27	60.9
29260	32.4	223.3	27	60.6
29270	32.7	222.6	28	60.6
29280	32.8	222.0	28	60.9
29290	32.5	221.4	29	60.6
29300	32.8	220.8	30	60.6
29310	32.8	220.2	30	60.6
29320	33.1	219.6	31	60.6
29330	33.0	219.0	31	60.9
29340	33.1	218.4	32	60.6
29350	33.4	217.8	33	60.4
29360	33.5	217.2	33	60.6
29370	33.4	216.6	34	60.6
29380	33.1	216.0	34	60.6
29390	32.7	215.4	35	60.4
29400	32.5	214.8	36	60.4
29410	32.4	214.2	36	60.6
29420	32.1	213.6	37	60.6
29430	31.7	212.9	38	60.4
29440	31.7	212.3	38	60.4
29450	31.7	211.7	39	60.6
29460	32.3	211.1	39	60.6
29470	32.7	210.5	40	60.4
29480	32.8	209.9	41	60.4
29490	32.5	209.3	41	60.4
29500	31.7	208.7	42	60.6
29510	31.1	208.1	42	60.4
29520	30.8	207.5	43	60.4
29530	31.3	206.9	44	60.4
29540	31.7	206.3	44	60.6
29550	32.7	205.7	45	60.4
29560	32.7	205.1	45	60.4
29570	32.5	204.5	46	60.4
29580	32.1	203.9	47	60.4
29590	32.3	203.3	47	60.6
29600	32.4	202.7	48	60.6
29610	33.4	202.0	48	60.6
29620	33.8	201.4	49	60.4
29630	34.3	200.8	50	60.6
29640	33.8	200.2	50	60.6

29650	33.6	199.6	51	60.6
29660	33.0	199.0	51	60.4
29670	33.2	198.4	52	60.4
29680	33.4	197.8	53	60.6
29690	33.9	197.2	53	60.6
29700	34.2	196.6	54	60.6
29710	34.0	196.0	54	60.6
29720	33.5	195.4	55	60.6
29730	33.5	194.8	56	60.6
29740	34.2	194.2	56	60.6
29750	34.8	193.6	57	60.6
29760	35.7	193.0	57	60.6
29770	35.4	192.3	58	60.9
29780	34.8	191.7	59	60.9
29790	33.9	191.1	59	60.6
29800	33.5	190.5	60	60.4
29810	33.0	189.9	61	60.6
29820	33.2	189.3	61	60.4
29830	33.5	188.7	62	60.6
29840	34.3	188.1	62	60.4
29850	34.4	187.5	63	60.6
29860	34.8	186.9	64	60.4
29870	34.6	186.3	64	60.6
29880	34.8	185.7	65	60.4
29890	34.7	185.1	65	60.6
29900	35.4	184.5	66	60.6
29910	35.7	183.9	67	60.6
29920	36.1	183.2	67	60.9
29930	35.4	182.6	68	60.4
29940	34.8	182.0	68	60.4
29950	34.0	181.4	69	60.4
29960	33.5	180.8	70	60.4
29970	33.4	180.2	70	60.4
29980	33.8	179.6	71	60.6
29990	34.6	179.0	71	60.6
30000	35.4	178.4	72	60.6
30010	35.7	177.8	73	60.6
30020	35.5	177.2	73	60.6
30030	35.3	176.6	74	60.6
30040	34.4	176.0	74	60.6
30050	33.9	175.4	75	60.4
30060	33.5	174.8	76	60.1
30070	33.9	174.2	76	60.6
30080	34.4	173.6	77	60.6
30090	34.4	173.0	77	60.4
30100	33.6	172.3	78	60.4
30110	33.0	171.7	79	60.4
30120	32.0	171.1	79	60.1
30130	31.6	170.5	80	60.4
30140	31.3	169.9	81	60.1
30150	32.0	169.3	81	60.4
30160	32.5	168.7	82	60.1
30170	33.0	168.1	82	60.1
30180	33.4	167.5	83	60.4

30190	33.8	166.9	84	60.4
30200	34.6	166.3	84	60.6
30210	34.8	165.7	85	60.6
30220	35.1	165.1	85	60.4
30230	34.3	164.5	86	60.4
30240	33.9	163.9	87	60.4
30250	33.4	163.3	87	60.4
30260	33.6	162.7	88	60.4
30270	34.0	162.1	88	60.4
30280	34.8	161.5	89	60.4
30290	35.0	160.9	90	60.4
30300	35.0	160.3	90	60.4
30310	34.2	159.7	91	60.4
30320	34.2	159.1	91	60.4
30330	34.3	158.5	92	60.4
30340	35.4	157.8	93	60.6
30350	36.1	157.2	93	60.6
30360	36.7	156.6	94	60.4
30370	36.6	156.0	94	60.6
30380	36.2	155.4	95	60.6
30390	35.4	154.8	96	60.6
30400	35.4	154.2	96	60.4
30410	36.1	153.6	97	60.4
30420	37.0	153.0	97	60.6
30430	37.6	152.4	98	60.6
30440	37.4	151.8	99	60.6
30450	36.9	151.2	99	60.6
30460	36.2	150.6	100	60.6
30470	35.8	150.0	100	60.6
30480	35.9	149.4	101	60.6
30490	37.0	148.8	102	60.6
30500	38.0	148.1	102	60.6
30510	38.9	147.5	103	60.6
30520	38.2	146.9	104	61.2
30530	37.8	146.3	104	60.9
30540	36.9	145.7	105	60.6
30550	37.0	145.1	105	60.6
30560	37.4	144.5	106	60.6
30570	38.5	143.9	107	60.6
30580	39.5	143.3	107	60.6
30590	39.7	142.7	108	60.6
30600	39.1	142.1	108	60.6
30610	38.1	141.5	109	60.6
30620	37.2	140.8	110	60.6
30630	37.4	140.2	110	60.6
30640	38.0	139.6	111	60.9
30650	38.6	139.0	111	60.9
30660	38.5	138.4	112	60.9
30670	38.4	137.8	113	60.9
30680	37.7	137.2	113	60.9
30690	37.3	136.6	114	60.9
30700	37.8	136.0	114	60.6
30710	38.6	135.4	115	60.9
30720	39.6	134.8	116	60.6

30730	40.0	134.1	116	61.2
30740	40.0	133.5	117	60.9
30750	39.2	132.9	118	60.9
30760	38.4	132.3	118	60.9
30770	37.7	131.7	119	60.9
30780	37.3	131.1	119	60.9
30790	37.4	130.5	120	60.9
30800	37.7	129.9	121	60.9
30810	38.4	129.3	121	60.9
30820	38.9	128.7	122	61.2
30830	38.9	128.1	122	60.9
30840	39.2	127.4	123	60.9
30850	39.2	126.8	124	60.9
30860	39.3	126.2	124	61.2
30870	39.2	125.6	125	60.9
30880	39.5	125.0	125	61.2
30890	39.1	124.4	126	60.9
30900	38.8	123.8	127	60.9
30910	37.8	123.2	127	60.9
30920	37.2	122.6	128	60.6
30930	36.6	122.0	128	60.9
30940	36.9	121.3	129	60.6
30950	37.3	120.7	130	60.9
30960	37.6	120.1	130	61.2
30970	37.2	119.5	131	60.9
30980	36.9	118.9	132	60.9
30990	36.2	118.3	132	61.2
31000	35.9	117.7	133	61.2
31010	35.5	117.1	133	60.9
31020	35.7	116.5	134	60.6
31030	35.5	115.9	135	60.6
31040	35.4	115.2	135	60.9
31050	35.1	114.6	136	60.9
31060	34.8	114.0	136	60.9
31070	34.7	113.4	137	60.9
31080	34.6	112.8	138	60.9
31090	34.4	112.2	138	60.9
31100	34.6	111.6	139	60.9
31110	34.6	111.0	139	60.9
31120	34.4	110.4	140	60.9
31130	33.9	109.8	141	60.9
31140	33.8	109.1	141	60.9
31150	33.6	108.5	142	60.6
31160	33.8	107.9	143	60.9
31170	34.0	107.3	143	60.9
31180	34.0	106.7	144	60.9
31190	34.0	106.1	144	60.9
31200	33.8	105.5	145	60.9
31210	33.8	104.9	146	61.2
31220	33.9	104.3	146	61.2
31230	34.4	103.7	147	61.2
31240	34.7	103.0	147	61.2
31250	35.3	102.4	148	60.9
31260	35.1	101.8	149	61.2

31270	34.8	101.2	149	61.2
31280	34.3	100.6	150	60.9
31290	34.2	100.0	150	61.2
31300	34.3	99.4	151	60.9
31310	34.7	98.8	152	61.2
31320	35.0	98.2	152	61.2
31330	35.0	97.5	153	61.2
31340	35.0	96.9	154	61.2
31350	34.8	96.3	154	61.4
31360	34.4	95.7	155	61.2
31370	34.7	95.1	155	61.2
31380	34.7	94.5	156	61.2
31390	35.1	93.9	157	61.2
31400	35.0	93.3	157	61.2
31410	35.1	92.6	158	61.2
31420	34.6	92.0	158	61.2
31430	34.4	91.4	159	61.2
31440	34.2	90.8	160	61.2
31450	34.3	90.2	160	61.4
31460	34.4	89.6	161	61.2
31470	34.7	89.0	161	61.4
31480	34.0	88.4	162	61.2
31490	33.2	87.7	163	61.2
31500	32.1	87.1	163	60.9
31510	31.6	86.5	164	61.2
31520	31.5	85.9	165	61.2
31530	31.3	85.3	165	61.4
31540	31.2	84.7	166	61.2
31550	31.2	84.1	166	61.2
31560	30.9	83.5	167	61.4
31570	30.5	82.8	168	61.2
31580	30.0	82.2	168	61.2
31590	29.6	81.6	169	61.2
31600	29.3	81.0	169	60.9
31610	29.4	80.4	170	60.9
31620	29.2	79.8	171	61.2
31630	29.2	79.2	171	61.2
31640	28.2	78.6	172	61.2
31650	27.5	78.0	172	61.2
31660	27.3	77.3	173	61.2
31670	27.1	76.7	174	60.9
31680	26.8	76.1	174	61.2
31690	26.6	75.5	175	60.9
31700	25.9	74.9	176	61.2
31710	25.5	74.3	176	60.9
31720	25.1	73.7	177	54.8
31730	26.3	73.1	177	50.8
31740	32.7	72.6	178	42.5
31750	39.9	72.2	178	34.3
31760	43.5	71.9	179	34.0
31770	41.4	71.6	179	24.7
31780	35.4	71.4	179	21.2
31790	29.7	71.3	179	15.1
31800	26.6	71.1	179	12.7

31810	26.4	71.0	179	9.5
31820	27.4	70.9	180	6.9
31830	27.4	70.9	180	5.5
31840	25.9	70.8	180	4.7
31850	22.9	70.8	180	3.1
31860	19.0	70.8	180	2.9
31870	16.4	70.7	180	2.6
31880	14.5	70.7	180	2.6
31890	12.9	70.7	180	0.2
31900	11.1	70.7	180	0.0
31910	5.8	70.7	180	0.0
31920	-1.1	70.7	180	0.0
31930	-1.2	70.7	180	0.7
31940	-6.2	70.7	180	0.7
31950	-17.8	70.7	180	-1.0
31960	-25.0	70.7	180	-3.7
31970	-22.8	70.8	180	-7.4
31980	-14.2	70.9	180	-12.5
31990	-7.5	71.1	179	-16.2
32000	-7.6	71.3	179	-18.3
32010	-14.9	71.5	179	-20.7
32020	-24.0	71.8	179	-25.0
32030	-28.1	72.1	178	-31.1
32040	-26.0	72.5	178	-38.0
32050	-20.9	73.0	177	-43.9
32060	-17.5	73.5	177	-48.9
32070	-19.9	74.1	176	-56.9
32080	-27.7	74.7	176	-57.7
32090	-34.7	75.3	175	-59.1
32100	-38.0	75.8	175	-59.3
32110	-35.9	76.4	174	-59.3
32120	-31.9	77.0	173	-59.3
32130	-28.9	77.6	173	-59.1
32140	-30.0	78.2	172	-59.3
32150	-34.8	78.8	172	-59.6
32160	-40.4	79.4	171	-59.9
32170	-43.3	80.0	170	-60.4
32180	-42.6	80.6	170	-60.1
32190	-39.6	81.2	169	-59.9
32200	-36.6	81.8	169	-59.6
32210	-36.5	82.4	168	-59.6
32220	-38.9	83.0	167	-59.9
32230	-42.3	83.6	167	-60.1
32240	-44.6	84.2	166	-60.1
32250	-45.2	84.8	166	-60.1
32260	-44.2	85.4	165	-60.1
32270	-43.1	86.0	164	-60.1
32280	-42.6	86.6	164	-60.1
32290	-43.8	87.2	163	-60.1
32300	-45.8	87.8	163	-60.4
32310	-48.3	88.4	162	-60.1
32320	-49.8	89.0	161	-60.1
32330	-49.6	89.6	161	-60.4
32340	-48.8	90.2	160	-60.4

32350	-48.4	90.8	160	-60.1
32360	-49.0	91.4	159	-60.1
32370	-50.0	92.0	158	-59.9
32380	-50.7	92.6	158	-60.1
32390	-51.1	93.2	157	-60.1
32400	-50.6	93.9	157	-60.1
32410	-49.5	94.5	156	-59.9
32420	-48.4	95.1	155	-59.9
32430	-48.0	95.7	155	-60.1
32440	-47.9	96.3	154	-59.9
32450	-48.4	96.8	154	-59.9
32460	-49.0	97.4	153	-59.9
32470	-49.4	98.1	152	-60.4
32480	-49.2	98.7	152	-60.1
32490	-49.0	99.3	151	-60.1
32500	-49.0	99.9	151	-60.1
32510	-49.6	100.5	150	-60.1
32520	-49.9	101.1	149	-60.4
32530	-50.3	101.7	149	-60.4
32540	-50.2	102.3	148	-60.4
32550	-49.8	102.9	148	-60.1
32560	-49.0	103.5	147	-60.1
32570	-49.0	104.1	146	-60.4
32580	-49.1	104.7	146	-60.1
32590	-49.4	105.3	145	-60.1
32600	-49.8	105.9	145	-60.6
32610	-49.8	106.5	144	-60.4
32620	-49.9	107.1	143	-60.1
32630	-49.8	107.7	143	-60.4
32640	-49.6	108.3	142	-60.6
32650	-49.8	108.9	142	-60.6
32660	-50.2	109.5	141	-60.6
32670	-50.6	110.1	140	-60.4
32680	-51.1	110.7	140	-60.4
32690	-51.4	111.3	139	-60.6
32700	-51.4	111.9	139	-60.6
32710	-51.0	112.6	138	-60.4
32720	-50.7	113.2	137	-60.1
32730	-50.4	113.8	137	-60.4
32740	-50.2	114.4	136	-60.4
32750	-50.0	115.0	135	-60.4
32760	-50.2	115.6	135	-60.4
32770	-49.8	116.2	134	-60.6
32780	-49.4	116.8	134	-60.4
32790	-49.2	117.4	133	-60.6
32800	-49.4	118.0	132	-60.6
32810	-49.5	118.6	132	-60.6
32820	-49.4	119.2	131	-60.6
32830	-49.0	119.8	131	-60.6
32840	-48.5	120.4	130	-60.4
32850	-48.3	121.0	129	-60.4
32860	-48.1	121.6	129	-60.4
32870	-48.0	122.2	128	-60.6
32880	-48.0	122.8	128	-60.6

32890	-48.0	123.4	127	-60.6
32900	-47.7	124.1	126	-60.4
32910	-47.9	124.7	126	-60.4
32920	-47.9	125.3	125	-60.4
32930	-48.0	125.9	125	-60.6
32940	-48.0	126.5	124	-60.6
32950	-47.9	127.1	123	-60.9
32960	-47.6	127.7	123	-60.9
32970	-47.5	128.3	122	-60.4
32980	-47.5	128.9	122	-60.6
32990	-47.7	129.5	121	-60.6
33000	-48.1	130.1	120	-60.6
33010	-49.0	130.7	120	-60.6
33020	-49.1	131.3	119	-60.6
33030	-49.2	131.9	119	-60.4
33040	-48.5	132.5	118	-60.6
33050	-48.4	133.2	117	-60.6
33060	-47.9	133.8	117	-60.6
33070	-47.6	134.4	116	-60.9
33080	-47.7	135.0	115	-60.6
33090	-48.0	135.6	115	-60.9
33100	-48.3	136.2	114	-60.9
33110	-48.8	136.8	114	-60.9
33120	-49.1	137.4	113	-60.9
33130	-49.2	138.0	112	-60.9
33140	-49.5	138.6	112	-60.9
33150	-49.5	139.2	111	-60.6
33160	-50.0	139.8	111	-60.6
33170	-50.0	140.5	110	-61.2
33180	-49.9	141.1	109	-60.9
33190	-49.4	141.7	109	-61.2
33200	-49.0	142.3	108	-60.9
33210	-48.7	142.9	108	-60.9
33220	-48.5	143.5	107	-61.2
33230	-48.7	144.1	106	-61.2
33240	-48.5	144.7	106	-60.9
33250	-48.5	145.3	105	-60.6
33260	-48.5	145.9	105	-60.9
33270	-48.7	146.6	104	-60.9
33280	-48.7	147.2	103	-60.9
33290	-49.0	147.8	103	-60.6
33300	-49.4	148.4	102	-60.6
33310	-49.1	149.0	101	-60.6
33320	-48.5	149.6	101	-60.4
33330	-47.6	150.2	100	-60.9
33340	-46.6	150.8	100	-60.6
33350	-46.0	151.4	99	-60.6
33360	-45.7	152.0	98	-60.6
33370	-45.3	152.6	98	-60.6
33380	-45.6	153.2	97	-60.4
33390	-45.6	153.8	97	-60.6
33400	-46.0	154.5	96	-60.9
33410	-45.7	155.1	95	-60.9
33420	-45.6	155.7	95	-60.6

33430	-45.6	156.3	94	-60.4
33440	-45.2	156.9	94	-60.4
33450	-45.2	157.5	93	-60.4
33460	-45.2	158.1	92	-60.4
33470	-45.7	158.7	92	-60.1
33480	-45.7	159.3	91	-60.6
33490	-45.7	159.9	91	-60.9
33500	-45.7	160.5	90	-60.4
33510	-45.6	161.1	89	-60.1
33520	-44.9	161.7	89	-60.6
33530	-44.2	162.3	88	-60.9
33540	-43.7	162.9	88	-60.6
33550	-43.5	163.5	87	-60.4
33560	-43.8	164.1	86	-60.6
33570	-44.1	164.8	86	-60.6
33580	-44.3	165.4	85	-60.6
33590	-44.9	166.0	84	-60.6
33600	-45.2	166.6	84	-60.4
33610	-45.3	167.2	83	-60.1
33620	-45.0	167.8	83	-60.1
33630	-44.6	168.4	82	-59.9
33640	-44.2	169.0	81	-59.9
33650	-44.3	169.6	81	-59.9
33660	-44.1	170.2	80	-60.4
33670	-44.2	170.8	80	-60.1
33680	-44.1	171.4	79	-60.1
33690	-44.3	172.0	78	-60.1
33700	-44.2	172.6	78	-60.4
33710	-43.9	173.2	77	-60.4
33720	-43.7	173.8	77	-60.4
33730	-43.7	174.4	76	-60.1
33740	-43.5	175.0	75	-60.1
33750	-43.0	175.6	75	-60.1
33760	-42.4	176.2	74	-60.4
33770	-42.0	176.8	74	-60.4
33780	-41.6	177.4	73	-60.4
33790	-41.4	178.0	72	-60.1
33800	-41.4	178.6	72	-60.4
33810	-41.5	179.2	71	-60.1
33820	-40.8	179.8	71	-60.1
33830	-39.9	180.4	70	-60.4
33840	-38.9	181.0	69	-60.4
33850	-38.2	181.6	69	-60.1
33860	-38.0	182.2	68	-60.1
33870	-37.7	182.8	68	-59.9
33880	-37.4	183.4	67	-59.9
33890	-37.6	184.0	66	-59.6
33900	-37.4	184.6	66	-59.6
33910	-37.2	185.2	65	-59.9
33920	-36.2	185.8	65	-59.6
33930	-35.8	186.4	64	-59.3
33940	-35.8	187.0	63	-59.1
33950	-36.1	187.6	63	-59.6
33960	-36.1	188.2	62	-60.1

33970	-36.1	188.8	62	-60.4
33980	-36.3	189.4	61	-60.1
33990	-36.3	190.0	60	-59.9
34000	-36.1	190.6	60	-59.9
34010	-35.1	191.2	59	-60.1
34020	-34.3	191.8	59	-59.6
34030	-33.9	192.4	58	-59.6
34040	-33.8	193.0	57	-59.6
34050	-33.6	193.6	57	-59.3
34060	-33.6	194.2	56	-59.9
34070	-33.6	194.8	56	-59.9
34080	-33.8	195.4	55	-59.9
34090	-33.6	196.0	54	-59.6
34100	-33.8	196.6	54	-59.9
34110	-33.6	197.2	53	-59.9
34120	-33.6	197.8	53	-59.9
34130	-33.2	198.4	52	-59.9
34140	-32.4	199.0	51	-59.6
34150	-31.6	199.6	51	-59.9
34160	-30.8	200.2	50	-59.6
34170	-30.4	200.8	50	-59.6
34180	-30.2	201.4	49	-59.3
34190	-30.5	202.0	48	-59.3
34200	-30.8	202.6	48	-59.3
34210	-30.8	203.1	47	-59.3
34220	-30.9	203.7	47	-59.1
34230	-30.9	204.3	46	-59.1
34240	-30.6	204.9	46	-59.3
34250	-30.2	205.5	45	-59.6
34260	-30.4	206.1	44	-59.6
34270	-30.5	206.7	44	-59.6
34280	-31.1	207.3	43	-59.9
34290	-31.2	207.9	43	-59.9
34300	-31.5	208.5	42	-59.6
34310	-31.3	209.1	41	-59.6
34320	-30.9	209.7	41	-59.6
34330	-30.5	210.3	40	-59.6
34340	-29.8	210.9	40	-59.3
34350	-29.6	211.5	39	-59.1
34360	-29.4	212.1	38	-59.3
34370	-29.4	212.7	38	-59.6
34380	-29.3	213.3	37	-59.6
34390	-29.3	213.9	37	-59.3
34400	-29.2	214.5	36	-59.3
34410	-29.2	215.1	35	-59.6
34420	-28.7	215.6	35	-59.6
34430	-28.9	216.2	34	-59.6
34440	-28.9	216.8	34	-59.3
34450	-29.2	217.4	33	-59.3
34460	-29.2	218.0	32	-59.6
34470	-29.0	218.6	32	-59.3
34480	-28.9	219.2	31	-59.6
34490	-28.7	219.8	31	-59.3
34500	-28.6	220.4	30	-59.3

34510	-28.2	221.0	29	-59.3
34520	-28.3	221.6	29	-59.3
34530	-28.5	222.2	28	-59.3
34540	-28.7	222.8	28	-59.3
34550	-29.2	223.4	27	-59.6
34560	-29.0	224.0	26	-59.6
34570	-29.0	224.6	26	-59.6
34580	-29.0	225.2	25	-59.3
34590	-29.0	225.8	25	-59.6
34600	-29.3	226.4	24	-59.6
34610	-30.0	227.0	23	-59.6
34620	-30.9	227.6	23	-59.6
34630	-31.7	228.1	22	-59.6
34640	-31.7	228.7	22	-59.6
34650	-30.9	229.3	21	-59.6
34660	-30.1	229.9	21	-59.3
34670	-29.3	230.5	20	-59.3
34680	-29.6	231.1	19	-59.6
34690	-30.0	231.7	19	-59.6
34700	-30.9	232.3	18	-59.6
34710	-31.5	232.9	18	-59.6
34720	-31.5	233.5	17	-59.9
34730	-30.5	234.1	16	-59.9
34740	-29.2	234.7	16	-59.6
34750	-28.2	235.3	15	-59.3
34760	-27.9	235.9	15	-59.3
34770	-27.9	236.5	14	-59.3
34780	-28.3	237.1	13	-59.6
34790	-29.2	237.7	13	-59.3
34800	-29.3	238.3	12	-59.1
34810	-28.9	238.9	12	-59.3
34820	-27.7	239.5	11	-59.6
34830	-27.0	240.1	10	-59.3
34840	-26.4	240.6	10	-59.1
34850	-26.7	241.2	9	-59.3
34860	-26.8	241.8	9	-59.9
34870	-27.1	242.4	8	-59.9
34880	-27.4	243.0	7	-59.6
34890	-27.4	243.6	7	-59.6
34900	-27.4	244.2	6	-59.6
34910	-27.1	244.8	6	-59.9
34920	-27.1	245.4	5	-59.6
34930	-26.6	246.0	4	-59.3
34940	-26.3	246.6	4	-59.3
34950	-25.5	247.2	3	-59.3
34960	-25.0	247.8	3	-59.3
34970	-24.3	248.4	2	-59.3
34980	-24.3	249.0	1	-59.3
34990	-23.9	249.6	1	-59.6
35000	-23.6	250.2	0	-59.3
35010	-24.0	250.8	0	-59.6
35020	-24.1	251.3	-1	-59.3
35030	-24.5	251.9	-1	-59.3
35040	-24.5	252.5	-2	-59.6

35050	-24.3	253.1	-3	-59.6
35060	-24.1	253.7	-3	-59.3
35070	-24.0	254.3	-4	-59.6
35080	-23.9	254.9	-4	-59.3
35090	-23.2	255.5	-5	-59.6
35100	-22.9	256.1	-6	-59.3
35110	-22.5	256.7	-6	-59.1
35120	-22.1	257.3	-7	-59.3
35130	-20.7	257.9	-7	-59.6
35140	-19.7	258.5	-8	-59.6
35150	-18.7	259.1	-9	-59.1
35160	-18.3	259.7	-9	-59.3
35170	-18.4	260.3	-10	-59.6
35180	-18.6	260.9	-10	-59.6
35190	-19.0	261.4	-11	-59.3
35200	-18.6	262.0	-12	-59.3
35210	-17.6	262.6	-12	-59.6
35220	-15.2	263.2	-13	-59.6
35230	-13.2	263.8	-13	-59.3
35240	-11.3	264.4	-14	-59.1
35250	-10.0	265.0	-15	-59.1
35260	-9.1	265.6	-15	-59.3
35270	-8.0	266.2	-16	-59.3
35280	-6.5	266.8	-16	-59.3
35290	-4.6	267.4	-17	-59.1
35300	-1.5	268.0	-18	-58.5
35310	-0.4	268.5	-18	-48.1
35320	-5.8	268.9	-18	-37.0
35330	-11.4	269.3	-19	-30.3
35340	-12.2	269.6	-19	-30.3
35350	-7.9	269.8	-19	-24.2
35360	-0.5	270.0	-20	-18.9
35370	0.0	270.2	-20	-14.6
35380	0.0	270.3	-20	-10.9
35390	0.0	270.4	-20	-8.2
35400	0.0	270.4	-20	-6.3
35410	7.3	270.5	-20	-3.9
35420	19.9	270.5	-20	0.5
35430	26.6	270.5	-20	3.1
35440	22.1	270.4	-20	7.9
35450	16.4	270.3	-20	14.6
35460	14.6	270.1	-20	18.6
35470	18.4	269.9	-19	21.5
35480	24.1	269.7	-19	25.8
35490	26.7	269.4	-19	31.4
35500	25.0	269.1	-19	38.0
35510	20.5	268.7	-18	43.9
35520	17.9	268.3	-18	48.7
35530	19.4	267.8	-17	52.7
35540	23.9	267.3	-17	52.7
35550	27.0	266.7	-16	58.5
35560	29.3	266.1	-16	61.2
35570	33.1	265.5	-15	61.2
35580	37.0	264.9	-14	61.4

35590	38.9	264.3	-14	61.4
35600	38.8	263.6	-13	61.2
35610	37.0	263.0	-13	60.9
35620	35.3	262.4	-12	61.2
35630	34.7	261.8	-11	61.2
35640	35.3	261.2	-11	61.2
35650	36.3	260.6	-10	61.2
35660	37.2	260.0	-10	61.2
35670	37.4	259.4	-9	61.2
35680	36.6	258.7	-8	61.2
35690	35.8	258.1	-8	61.2
35700	35.1	257.5	-7	60.9
35710	34.6	256.9	-6	61.2
35720	33.9	256.3	-6	61.2
35730	34.0	255.7	-5	61.2
35740	34.0	255.1	-5	61.2
35750	34.0	254.5	-4	61.2
35760	34.2	253.8	-3	61.2
35770	34.0	253.2	-3	61.2
35780	33.8	252.6	-2	61.2
35790	34.0	252.0	-2	61.2
35800	34.3	251.4	-1	61.2
35810	34.8	250.8	0	61.2
35820	35.5	250.2	0	61.2
35830	36.2	249.6	1	60.9
35840	35.8	249.0	1	60.9
35850	35.1	248.3	2	61.4
35860	34.4	247.7	3	61.2
35870	34.3	247.1	3	60.9
35880	34.4	246.5	4	60.9
35890	34.7	245.9	5	61.2
35900	34.7	245.3	5	60.9
35910	34.3	244.7	6	60.9
35920	33.9	244.1	6	60.9
35930	33.9	243.5	7	60.9
35940	33.6	242.8	8	60.9
35950	34.2	242.2	8	60.9
35960	34.6	241.6	9	60.9
35970	34.7	241.0	9	60.9
35980	34.6	240.4	10	60.9
35990	34.0	239.8	11	60.6
36000	33.8	239.2	11	60.9
36010	34.3	238.6	12	60.9
36020	35.0	238.0	12	60.9
36030	35.7	237.4	13	61.2
36040	36.1	236.8	14	60.9
36050	36.5	236.1	14	60.9
36060	36.1	235.5	15	60.9
36070	35.3	234.9	16	60.9
36080	35.0	234.3	16	60.9
36090	35.0	233.7	17	60.9
36100	35.5	233.1	17	60.9
36110	35.7	232.5	18	61.2
36120	35.7	231.9	19	60.9

36130	34.8	231.3	19	60.6
36140	34.4	230.7	20	60.6
36150	33.8	230.1	20	60.9
36160	33.9	229.4	21	60.6
36170	34.3	228.8	22	60.6
36180	35.3	228.2	22	60.6
36190	36.1	227.6	23	60.9
36200	36.2	227.0	23	60.9
36210	35.8	226.4	24	60.9
36220	35.4	225.8	25	60.6
36230	34.8	225.2	25	60.6
36240	34.7	224.6	26	60.6
36250	34.7	224.0	26	60.9
36260	35.4	223.4	27	60.6
36270	35.7	222.8	28	60.4
36280	35.9	222.2	28	60.9
36290	35.5	221.5	29	60.6
36300	35.3	220.9	30	60.6
36310	35.3	220.3	30	60.6
36320	35.8	219.7	31	60.6
36330	36.3	219.1	31	60.6
36340	36.3	218.5	32	60.6
36350	36.2	217.9	33	60.6
36360	35.7	217.3	33	60.4
36370	34.8	216.7	34	60.6
36380	34.7	216.1	34	60.6
36390	34.7	215.5	35	60.6
36400	34.7	214.9	36	60.4
36410	34.6	214.3	36	60.6
36420	34.0	213.7	37	60.6
36430	33.5	213.1	37	60.4
36440	32.7	212.5	38	60.4
36450	32.5	211.8	39	60.4
36460	32.3	211.2	39	60.4
36470	33.0	210.6	40	60.4
36480	33.5	210.0	40	60.4
36490	34.7	209.4	41	60.4
36500	34.8	208.8	42	60.4
36510	34.8	208.2	42	60.6
36520	34.3	207.6	43	60.6
36530	34.3	207.0	43	60.4
36540	34.0	206.4	44	60.6
36550	33.9	205.8	45	60.4
36560	33.5	205.2	45	60.4
36570	33.1	204.6	46	60.4
36580	32.8	204.0	46	60.4
36590	32.7	203.4	47	60.4
36600	32.8	202.8	48	60.6
36610	32.8	202.2	48	60.6
36620	33.0	201.6	49	60.4
36630	33.0	201.0	49	60.4
36640	33.8	200.3	50	60.4
36650	34.3	199.7	51	60.4
36660	35.7	199.1	51	60.6

36670	36.2	198.5	52	60.6
36680	37.0	197.9	53	60.9
36690	37.0	197.3	53	60.9
36700	36.9	196.7	54	60.6
36710	36.1	196.1	54	60.4
36720	35.8	195.5	55	60.6
36730	35.3	194.9	56	60.6
36740	35.0	194.3	56	60.4
36750	35.0	193.7	57	60.4
36760	35.7	193.1	57	60.4
36770	36.1	192.5	58	60.6
36780	36.6	191.9	59	60.9
36790	36.9	191.2	59	60.9
36800	36.9	190.6	60	60.6
36810	36.7	190.0	60	60.6
36820	36.7	189.4	61	60.6
36830	36.7	188.8	62	60.9
36840	36.9	188.2	62	60.6
36850	37.2	187.6	63	60.6
36860	37.2	187.0	63	60.9
36870	37.0	186.4	64	60.6
36880	36.5	185.8	65	60.6
36890	35.9	185.2	65	60.4
36900	35.4	184.6	66	60.9
36910	35.0	184.0	66	60.6
36920	34.8	183.4	67	60.6
36930	35.0	182.8	68	60.4
36940	35.0	182.1	68	60.6
36950	35.0	181.5	69	60.4
36960	34.4	180.9	70	60.4
36970	34.7	180.3	70	60.6
36980	34.6	179.7	71	60.6
36990	35.0	179.1	71	60.6
37000	35.0	178.5	72	60.6
37010	35.1	177.9	73	60.6
37020	35.0	177.3	73	60.6
37030	35.3	176.7	74	60.6
37040	35.4	176.1	74	60.6
37050	35.8	175.5	75	60.4
37060	36.1	174.9	76	60.6
37070	36.1	174.3	76	60.6
37080	35.8	173.7	77	60.6
37090	35.5	173.1	77	60.4
37100	35.1	172.5	78	60.4
37110	35.1	171.8	79	60.4
37120	35.5	171.2	79	60.6
37130	35.8	170.6	80	60.6
37140	36.6	170.0	80	60.6
37150	36.7	169.4	81	60.4
37160	36.7	168.8	82	60.1
37170	35.8	168.2	82	60.4
37180	35.4	167.6	83	60.6
37190	35.0	167.0	83	60.4
37200	35.7	166.4	84	60.6

37210	35.9	165.8	85	60.6
37220	36.6	165.2	85	60.9
37230	36.1	164.6	86	60.4
37240	36.2	164.0	86	60.6
37250	35.9	163.4	87	60.6
37260	36.1	162.8	88	60.6
37270	36.1	162.2	88	60.6
37280	36.2	161.6	89	60.6
37290	35.9	160.9	90	60.6
37300	35.9	160.3	90	60.6
37310	35.9	159.7	91	60.4
37320	36.3	159.1	91	60.4
37330	36.6	158.5	92	60.6
37340	36.9	157.9	93	60.6
37350	36.9	157.3	93	60.6
37360	36.5	156.7	94	60.6
37370	36.5	156.1	94	60.6
37380	36.3	155.5	95	60.6
37390	36.5	154.9	96	60.6
37400	36.9	154.3	96	60.6
37410	37.6	153.7	97	60.6
37420	37.8	153.1	97	60.6
37430	38.0	152.5	98	60.6
37440	37.7	151.8	99	60.6
37450	37.6	151.2	99	60.6
37460	37.6	150.6	100	60.6
37470	38.0	150.0	100	60.6
37480	38.6	149.4	101	60.6
37490	39.6	148.8	102	60.6
37500	40.1	148.2	102	60.9
37510	40.7	147.6	103	60.9
37520	40.4	147.0	103	61.2
37530	40.3	146.4	104	61.2
37540	40.5	145.8	105	60.9
37550	40.7	145.2	105	60.9
37560	40.8	144.5	106	60.9
37570	40.7	143.9	107	60.9
37580	40.4	143.3	107	60.9
37590	40.1	142.7	108	60.6
37600	40.1	142.1	108	60.9
37610	40.7	141.5	109	60.9
37620	41.4	140.9	110	60.9
37630	42.3	140.3	110	60.9
37640	43.0	139.7	111	61.2
37650	43.3	139.1	111	61.2
37660	42.8	138.4	112	61.2
37670	42.7	137.8	113	61.2
37680	42.3	137.2	113	61.2
37690	41.9	136.6	114	61.2
37700	42.0	136.0	114	61.2
37710	41.8	135.4	115	60.9
37720	41.9	134.8	116	61.2
37730	41.9	134.2	116	61.2
37740	41.9	133.6	117	61.2

37750	41.5	132.9	118	60.9
37760	41.1	132.3	118	60.9
37770	40.8	131.7	119	60.9
37780	40.8	131.1	119	60.9
37790	40.7	130.5	120	60.9
37800	40.4	129.9	121	60.9
37810	39.9	129.3	121	60.9
37820	39.1	128.7	122	60.9
37830	38.6	128.1	122	60.9
37840	38.8	127.5	123	60.9
37850	38.9	126.8	124	60.6
37860	38.9	126.2	124	61.2
37870	38.5	125.6	125	60.9
37880	38.6	125.0	125	60.9
37890	38.4	124.4	126	60.9
37900	38.5	123.8	127	60.6
37910	38.4	123.2	127	60.9
37920	38.6	122.6	128	60.6
37930	38.5	122.0	128	60.9
37940	38.5	121.4	129	60.9
37950	38.0	120.7	130	61.2
37960	37.3	120.1	130	61.2
37970	36.5	119.5	131	61.2
37980	36.1	118.9	132	60.9
37990	35.8	118.3	132	61.2
38000	35.8	117.7	133	61.2
38010	35.5	117.1	133	60.9
38020	35.8	116.5	134	60.9
38030	35.7	115.9	135	60.6
38040	35.5	115.3	135	61.2
38050	35.3	114.6	136	60.9
38060	35.0	114.0	136	60.9
38070	34.8	113.4	137	60.9
38080	35.0	112.8	138	60.9
38090	35.5	112.2	138	60.9
38100	35.9	111.6	139	60.9
38110	36.1	111.0	139	60.9
38120	35.7	110.4	140	61.2
38130	35.1	109.8	141	60.9
38140	34.6	109.2	141	60.9
38150	34.4	108.5	142	60.9
38160	34.4	107.9	143	60.9
38170	34.7	107.3	143	61.2
38180	34.8	106.7	144	61.2
38190	34.8	106.1	144	60.9
38200	34.8	105.5	145	60.9
38210	34.7	104.9	146	60.9
38220	34.6	104.3	146	61.2
38230	34.6	103.7	147	61.2
38240	34.6	103.0	147	61.2
38250	35.0	102.4	148	60.9
38260	34.7	101.8	149	61.2
38270	34.4	101.2	149	61.2
38280	34.0	100.6	150	60.9

38290	33.9	100.0	150	60.9
38300	34.2	99.4	151	61.2
38310	34.7	98.8	152	60.9
38320	34.7	98.2	152	61.2
38330	34.6	97.5	153	61.2
38340	34.3	96.9	154	61.2
38350	34.2	96.3	154	61.2
38360	33.5	95.7	155	61.2
38370	33.6	95.1	155	61.2
38380	33.4	94.5	156	61.2
38390	33.5	93.9	157	61.2
38400	33.5	93.3	157	61.2
38410	33.6	92.6	158	61.2
38420	33.4	92.0	158	61.2
38430	33.4	91.4	159	61.2
38440	33.1	90.8	160	61.2
38450	32.8	90.2	160	61.2
38460	32.7	89.6	161	61.2
38470	32.4	89.0	161	60.9
38480	31.7	88.4	162	61.2
38490	31.3	87.8	163	60.9
38500	30.6	87.1	163	60.9
38510	30.2	86.5	164	60.9
38520	30.0	85.9	165	61.2
38530	29.8	85.3	165	61.2
38540	29.6	84.7	166	61.2
38550	29.4	84.1	166	61.2
38560	29.0	83.5	167	61.2
38570	28.5	82.9	168	61.2
38580	27.9	82.3	168	60.9
38590	27.7	81.6	169	61.2
38600	27.5	81.0	169	60.9
38610	27.5	80.4	170	61.2
38620	27.1	79.8	171	61.2
38630	27.4	79.2	171	60.9
38640	27.1	78.6	172	61.2
38650	26.6	78.0	172	60.9
38660	26.2	77.4	173	61.2
38670	26.2	76.8	174	60.9
38680	26.0	76.1	174	60.9
38690	26.0	75.5	175	60.9
38700	25.6	74.9	176	61.2
38710	25.2	74.3	176	60.9
38720	24.8	73.7	177	60.9
38730	25.8	73.1	177	51.1
38740	31.7	72.6	178	42.8
38750	39.1	72.2	178	42.3
38760	41.9	71.9	179	31.1
38770	39.7	71.6	179	22.3
38780	33.6	71.4	179	19.4
38790	27.4	71.3	179	13.8
38800	23.7	71.1	179	11.9
38810	23.3	71.0	179	8.2
38820	24.0	71.0	179	8.5

38830	23.7	70.9	180	6.3
38840	22.1	70.8	180	4.2
38850	18.6	70.8	180	3.9
38860	14.8	70.8	180	2.9
38870	11.5	70.8	180	2.3
38880	8.9	70.7	180	2.1
38890	7.1	70.7	180	1.8
38900	4.9	70.7	180	0.2
38910	2.0	70.7	180	0.0
38920	-1.1	70.7	180	0.0
38930	-2.0	70.7	180	1.3
38940	-4.5	70.7	180	0.7
38950	-15.1	70.7	180	-0.5
38960	-20.5	70.7	180	-2.9
38970	-18.4	70.8	180	-5.3
38980	-11.3	70.8	180	-9.0
38990	-6.0	71.0	179	-14.9
39000	-7.9	71.1	179	-17.0
39010	-14.6	71.3	179	-19.9
39020	-21.7	71.5	179	-25.0
39030	-24.7	71.8	179	-31.6
39040	-23.5	72.1	178	-39.4
39050	-20.7	72.5	178	-46.3
39060	-19.3	73.0	177	-52.4
39070	-19.7	73.5	177	-58.3
39080	-22.5	74.1	176	-57.2
39090	-27.4	74.7	176	-58.5
39100	-31.6	75.3	175	-58.8
39110	-33.8	75.9	175	-59.6
39120	-33.0	76.5	174	-59.3
39130	-31.7	77.0	173	-59.6
39140	-31.7	77.6	173	-59.6
39150	-34.2	78.2	172	-59.6
39160	-37.6	78.8	172	-59.9
39170	-40.1	79.4	171	-59.9
39180	-40.1	80.0	170	-60.1
39190	-39.1	80.6	170	-60.1
39200	-38.2	81.2	169	-59.6
39210	-38.6	81.8	169	-60.1
39220	-40.7	82.4	168	-60.1
39230	-43.3	83.0	167	-60.1
39240	-45.7	83.6	167	-60.1
39250	-47.3	84.2	166	-60.1
39260	-47.2	84.8	166	-60.4
39270	-45.7	85.4	165	-59.9
39280	-44.1	86.0	164	-59.9
39290	-43.3	86.6	164	-59.9
39300	-44.1	87.2	163	-59.9
39310	-45.2	87.9	163	-60.4
39320	-45.8	88.5	162	-59.9
39330	-46.0	89.1	161	-60.1
39340	-45.2	89.7	161	-60.1
39350	-44.2	90.3	160	-60.1
39360	-43.8	90.9	160	-60.1

39370	-44.2	91.5	159	-60.1
39380	-45.0	92.1	158	-59.9
39390	-46.0	92.7	158	-60.1
39400	-46.5	93.3	157	-60.1
39410	-46.8	93.9	157	-59.9
39420	-46.8	94.5	156	-59.9
39430	-47.2	95.1	155	-60.1
39440	-48.0	95.7	155	-60.1
39450	-48.5	96.3	154	-60.1
39460	-49.0	96.9	154	-60.1
39470	-49.2	97.5	153	-60.1
39480	-49.1	98.1	152	-60.4
39490	-48.8	98.7	152	-60.1
39500	-49.0	99.3	151	-60.1
39510	-49.8	99.9	151	-60.1
39520	-50.7	100.5	150	-60.4
39530	-51.3	101.1	149	-60.4
39540	-51.3	101.7	149	-60.4
39550	-51.1	102.3	148	-60.4
39560	-51.1	102.9	148	-60.4
39570	-51.0	103.5	147	-60.4
39580	-51.1	104.1	146	-60.6
39590	-51.4	104.7	146	-60.4
39600	-52.1	105.3	145	-60.4
39610	-52.9	105.9	145	-60.6
39620	-53.4	106.5	144	-60.6
39630	-53.3	107.1	143	-60.6
39640	-52.5	107.7	143	-60.9
39650	-51.5	108.4	142	-60.6
39660	-50.9	109.0	141	-60.6
39670	-50.7	109.6	141	-60.9
39680	-50.9	110.2	140	-60.4
39690	-51.5	110.8	140	-60.6
39700	-51.9	111.4	139	-60.4
39710	-52.2	112.0	138	-60.4
39720	-52.2	112.6	138	-60.4
39730	-52.5	113.2	137	-60.4
39740	-52.7	113.8	137	-60.4
39750	-52.9	114.4	136	-60.6
39760	-52.7	115.0	135	-60.4
39770	-52.9	115.6	135	-60.6
39780	-52.7	116.2	134	-60.9
39790	-52.6	116.8	134	-60.9
39800	-52.5	117.5	133	-60.6
39810	-52.7	118.1	132	-60.9
39820	-53.3	118.7	132	-60.6
39830	-53.6	119.3	131	-61.2
39840	-53.7	119.9	131	-60.9
39850	-53.8	120.5	130	-60.9
39860	-53.4	121.1	129	-60.6
39870	-53.4	121.7	129	-60.6
39880	-53.2	122.3	128	-60.9
39890	-53.2	122.9	128	-60.6
39900	-53.2	123.5	127	-60.9

39910	-53.2	124.1	126	-60.6
39920	-52.9	124.8	126	-60.9
39930	-52.7	125.4	125	-61.2
39940	-52.7	126.0	124	-61.2
39950	-52.6	126.6	124	-61.2
39960	-52.3	127.2	123	-61.2
39970	-52.1	127.8	123	-61.2
39980	-52.1	128.4	122	-60.6
39990	-52.1	129.0	121	-60.9
40000	-52.3	129.6	121	-60.9
40010	-52.7	130.2	120	-60.9
40020	-52.9	130.9	120	-60.9
40030	-53.0	131.5	119	-60.9
40040	-52.6	132.1	118	-60.9
40050	-52.3	132.7	118	-60.9
40060	-51.9	133.3	117	-60.9
40070	-51.5	133.9	117	-60.9
40080	-51.3	134.5	116	-60.9
40090	-51.0	135.1	115	-60.9
40100	-50.9	135.7	115	-60.9
40110	-50.9	136.3	114	-60.6
40120	-51.1	136.9	114	-60.9
40130	-51.3	137.6	113	-60.9
40140	-51.7	138.2	112	-61.2
40150	-51.8	138.8	112	-60.9
40160	-51.8	139.4	111	-60.9
40170	-51.5	140.0	110	-60.9
40180	-51.3	140.6	110	-60.9
40190	-50.7	141.2	109	-60.9
40200	-50.4	141.8	109	-61.2
40210	-50.3	142.4	108	-60.9
40220	-50.4	143.1	107	-61.2
40230	-50.2	143.7	107	-61.4
40240	-49.9	144.3	106	-61.2
40250	-49.1	144.9	106	-60.9
40260	-48.4	145.5	105	-60.6
40270	-47.7	146.1	104	-60.9
40280	-47.2	146.7	104	-60.9
40290	-46.1	147.3	103	-60.6
40300	-45.8	147.9	103	-60.6
40310	-45.8	148.5	102	-60.4
40320	-45.7	149.1	101	-60.4
40330	-45.0	149.7	101	-60.4
40340	-44.7	150.3	100	-60.6
40350	-44.6	151.0	99	-60.4
40360	-44.7	151.6	99	-60.9
40370	-44.9	152.2	98	-60.9
40380	-45.3	152.8	98	-60.9
40390	-45.4	153.4	97	-60.4
40400	-45.4	154.0	96	-60.6
40410	-45.2	154.6	96	-60.6
40420	-44.6	155.2	95	-60.6
40430	-44.2	155.8	95	-60.6
40440	-43.7	156.4	94	-60.4

40450	-43.3	157.0	93	-60.4
40460	-42.7	157.6	93	-60.4
40470	-42.8	158.2	92	-60.1
40480	-43.0	158.8	92	-59.9
40490	-42.7	159.4	91	-60.6
40500	-42.4	160.0	90	-60.4
40510	-42.6	160.6	90	-60.1
40520	-42.3	161.2	89	-60.1
40530	-41.5	161.8	89	-60.4
40540	-40.5	162.5	88	-60.6
40550	-40.0	163.1	87	-60.6
40560	-40.0	163.7	87	-60.4
40570	-40.8	164.3	86	-60.4
40580	-41.5	164.9	86	-60.4
40590	-41.9	165.5	85	-60.4
40600	-41.8	166.1	84	-60.4
40610	-41.4	166.7	84	-60.1
40620	-41.0	167.3	83	-59.9
40630	-40.1	167.9	83	-59.9
40640	-39.7	168.5	82	-59.6
40650	-39.9	169.1	81	-59.6
40660	-40.3	169.7	81	-59.6
40670	-40.5	170.3	80	-60.1
40680	-40.7	170.9	80	-59.9
40690	-40.5	171.5	79	-60.1
40700	-41.0	172.1	78	-60.1
40710	-40.7	172.7	78	-60.1
40720	-40.4	173.3	77	-60.4
40730	-40.1	173.9	77	-60.1
40740	-40.1	174.5	76	-59.9
40750	-40.3	175.1	75	-59.9
40760	-40.1	175.7	75	-60.1
40770	-40.1	176.3	74	-60.1
40780	-39.9	176.9	74	-60.4
40790	-39.7	177.5	73	-60.4
40800	-39.2	178.1	72	-60.1
40810	-38.8	178.7	72	-60.1
40820	-38.4	179.3	71	-60.1
40830	-37.8	179.9	71	-60.1
40840	-37.6	180.5	70	-60.4
40850	-37.3	181.1	69	-60.1
40860	-37.0	181.7	69	-59.9
40870	-36.5	182.3	68	-59.9
40880	-35.4	182.9	68	-59.9
40890	-34.2	183.5	67	-59.9
40900	-33.5	184.1	66	-59.6
40910	-33.4	184.7	66	-59.6
40920	-33.4	185.3	65	-59.6
40930	-33.4	185.9	65	-59.6
40940	-33.6	186.5	64	-59.3
40950	-33.6	187.1	63	-59.3
40960	-33.8	187.7	63	-59.9
40970	-33.5	188.3	62	-60.1
40980	-33.4	188.9	62	-60.1

40990	-33.9	189.5	61	-59.9
41000	-34.4	190.1	60	-59.9
41010	-34.8	190.7	60	-60.1
41020	-34.7	191.3	59	-60.1
41030	-34.6	191.9	59	-59.9
41040	-34.7	192.5	58	-59.9
41050	-34.6	193.1	57	-59.6
41060	-34.8	193.7	57	-59.9
41070	-34.8	194.3	56	-60.1
41080	-35.0	194.9	56	-60.1
41090	-35.3	195.5	55	-60.1
41100	-35.4	196.1	54	-59.6
41110	-35.1	196.7	54	-59.9
41120	-34.8	197.3	53	-60.1
41130	-34.7	197.9	53	-59.9
41140	-34.6	198.5	52	-59.9
41150	-34.2	199.1	51	-60.1
41160	-34.0	199.7	51	-59.9
41170	-34.2	200.3	50	-59.9
41180	-34.3	200.9	50	-59.9
41190	-34.4	201.5	49	-59.9
41200	-34.7	202.1	48	-59.6
41210	-34.6	202.7	48	-59.6
41220	-34.4	203.2	47	-59.6
41230	-34.2	203.8	47	-59.6
41240	-33.9	204.4	46	-59.3
41250	-33.2	205.0	45	-59.3
41260	-33.1	205.6	45	-59.6
41270	-33.0	206.2	44	-59.9
41280	-33.0	206.8	44	-59.9
41290	-33.0	207.4	43	-59.9
41300	-32.7	208.0	42	-59.6
41310	-32.5	208.6	42	-59.6
41320	-32.0	209.2	41	-59.6
41330	-31.9	209.8	41	-59.6
41340	-31.6	210.4	40	-59.3
41350	-31.7	211.0	39	-59.3
41360	-31.6	211.6	39	-59.3
41370	-31.5	212.2	38	-59.3
41380	-30.9	212.8	38	-59.3
41390	-30.4	213.4	37	-59.6
41400	-30.1	214.0	36	-59.3
41410	-29.8	214.6	36	-59.3
41420	-29.3	215.2	35	-59.3
41430	-28.9	215.8	35	-59.6
41440	-28.9	216.4	34	-59.6
41450	-28.7	217.0	33	-59.3
41460	-29.2	217.5	33	-59.3
41470	-29.2	218.1	32	-59.3
41480	-29.3	218.7	32	-59.3
41490	-29.4	219.3	31	-59.3
41500	-29.6	219.9	31	-59.1
41510	-29.7	220.5	30	-59.3
41520	-30.0	221.1	29	-59.6

41530	-30.4	221.7	29	-59.3
41540	-30.6	222.3	28	-59.3
41550	-30.9	222.9	28	-59.3
41560	-30.5	223.5	27	-59.6
41570	-30.2	224.1	26	-59.6
41580	-29.8	224.7	26	-59.3
41590	-29.4	225.3	25	-59.3
41600	-28.7	225.9	25	-59.3
41610	-28.3	226.5	24	-59.3
41620	-28.3	227.1	23	-59.3
41630	-28.7	227.6	23	-59.3
41640	-29.4	228.2	22	-59.6
41650	-29.4	228.8	22	-59.3
41660	-29.4	229.4	21	-59.3
41670	-28.9	230.0	20	-59.3
41680	-28.5	230.6	20	-59.6
41690	-28.1	231.2	19	-59.6
41700	-27.5	231.8	19	-59.6
41710	-27.5	232.4	18	-59.6
41720	-27.1	233.0	17	-59.3
41730	-27.0	233.6	17	-59.6
41740	-26.0	234.2	16	-59.6
41750	-25.6	234.8	16	-59.3
41760	-25.1	235.4	15	-59.3
41770	-25.0	236.0	14	-59.3
41780	-25.0	236.6	14	-59.6
41790	-25.4	237.2	13	-59.3
41800	-25.8	237.8	13	-59.3
41810	-26.2	238.3	12	-59.1
41820	-25.9	238.9	12	-59.3
41830	-25.2	239.5	11	-59.6
41840	-24.8	240.1	10	-59.6
41850	-24.4	240.7	10	-59.3
41860	-24.8	241.3	9	-59.6
41870	-25.0	241.9	9	-59.9
41880	-25.4	242.5	8	-59.9
41890	-25.5	243.1	7	-59.3
41900	-25.6	243.7	7	-59.3
41910	-25.5	244.3	6	-59.3
41920	-25.4	244.9	6	-59.6
41930	-25.2	245.5	5	-59.6
41940	-25.4	246.1	4	-59.3
41950	-25.5	246.7	4	-59.6
41960	-25.2	247.3	3	-59.6
41970	-25.2	247.9	3	-59.3
41980	-25.1	248.5	2	-59.3
41990	-25.5	249.1	1	-59.3
42000	-25.4	249.6	1	-59.6
42010	-25.2	250.2	0	-59.3
42020	-25.5	250.8	0	-59.6
42030	-25.6	251.4	-1	-59.6
42040	-25.8	252.0	-2	-59.6
42050	-25.2	252.6	-2	-59.6
42060	-25.1	253.2	-3	-59.3

42070	-24.7	253.8	-3	-59.1
42080	-25.4	254.4	-4	-59.3
42090	-25.4	255.0	-5	-59.3
42100	-24.8	255.6	-5	-59.3
42110	-24.4	256.2	-6	-59.3
42120	-23.7	256.8	-6	-59.1
42130	-22.6	257.4	-7	-59.3
42140	-21.8	258.0	-8	-59.6
42150	-21.3	258.6	-8	-59.3
42160	-21.2	259.2	-9	-59.3
42170	-21.6	259.8	-9	-59.3
42180	-21.4	260.3	-10	-59.6
42190	-20.9	260.9	-10	-59.6
42200	-20.1	261.5	-11	-59.3
42210	-19.7	262.1	-12	-59.3
42220	-18.8	262.7	-12	-59.3
42230	-18.0	263.3	-13	-59.3
42240	-17.1	263.9	-13	-59.3
42250	-16.3	264.5	-14	-59.1
42260	-15.6	265.1	-15	-59.1
42270	-14.6	265.7	-15	-59.3
42280	-13.6	266.3	-16	-59.3
42290	-12.5	266.9	-16	-59.3
42300	-11.9	267.5	-17	-59.1
42310	-11.0	268.1	-18	-59.1
42320	-14.1	268.6	-18	-56.1
42330	-22.1	269.0	-19	-41.2
42340	-28.3	269.4	-19	-30.3
42350	-27.9	269.7	-19	-30.3
42360	-21.7	269.9	-19	-23.6
42370	-12.5	270.1	-20	-18.9
42380	-4.5	270.2	-20	-14.3
42390	0.0	270.3	-20	-11.1
42400	0.0	270.4	-20	-9.0
42410	0.0	270.5	-20	-6.3
42420	-1.6	270.5	-20	-4.7
42430	-0.9	270.6	-20	-4.5
42440	0.0	270.6	-20	-3.4
42450	0.0	270.7	-20	-2.6
42460	0.0	270.7	-20	-2.3
42470	0.0	270.7	-20	-1.3
42480	21.3	270.7	-20	1.0
42490	26.7	270.7	-20	4.7
42500	22.6	270.6	-20	9.5
42510	12.2	270.4	-20	13.0
42520	5.6	270.3	-20	14.6
42530	8.0	270.1	-20	15.4
42540	18.6	269.9	-19	16.5
42550	28.2	269.7	-19	20.2
42560	29.7	269.5	-19	25.8
42570	23.5	269.1	-19	31.6
42580	16.5	268.7	-18	35.9
42590	15.6	268.3	-18	38.8
42600	21.2	267.8	-17	46.5

42610	26.8	267.3	-17	51.6
42620	27.3	266.8	-16	58.3
42630	24.0	266.2	-16	60.9
42640	23.6	265.5	-15	60.6
42650	25.8	264.9	-14	60.6
42660	28.7	264.3	-14	61.2
42670	30.5	263.7	-13	61.2
42680	31.1	263.1	-13	61.2
42690	30.5	262.5	-12	61.2
42700	30.2	261.9	-11	61.2
42710	30.5	261.3	-11	61.2
42720	31.6	260.6	-10	61.2
42730	33.1	260.0	-10	61.4
42740	34.3	259.4	-9	61.4
42750	35.4	258.8	-8	61.4
42760	35.9	258.2	-8	61.2
42770	35.7	257.6	-7	61.2
42780	34.8	257.0	-7	61.2
42790	33.8	256.4	-6	61.2
42800	33.8	255.7	-5	61.2
42810	34.2	255.1	-5	61.4
42820	35.1	254.5	-4	61.4
42830	35.5	253.9	-3	61.2
42840	34.8	253.3	-3	61.2
42850	33.5	252.7	-2	61.2
42860	32.1	252.1	-2	61.2
42870	31.9	251.4	-1	61.2
42880	32.3	250.8	0	61.2
42890	33.4	250.2	0	61.2
42900	34.0	249.6	1	60.9
42910	33.8	249.0	1	61.2
42920	33.1	248.4	2	60.9
42930	31.9	247.8	3	61.2
42940	31.3	247.2	3	60.9
42950	30.9	246.6	4	60.6
42960	30.8	246.0	4	60.9
42970	30.8	245.3	5	61.2
42980	30.5	244.7	6	60.9
42990	30.5	244.1	6	60.9
43000	30.9	243.5	7	60.9
43010	31.1	242.9	8	60.6
43020	31.1	242.3	8	60.9
43030	31.3	241.7	9	60.6
43040	31.2	241.1	9	60.6
43050	31.2	240.5	10	60.6
43060	31.1	239.9	11	60.6
43070	31.2	239.3	11	60.6
43080	31.2	238.6	12	60.6
43090	31.2	238.0	12	60.9
43100	31.6	237.4	13	60.9
43110	32.5	236.8	14	60.9
43120	33.4	236.2	14	60.6
43130	33.5	235.6	15	60.6
43140	32.8	235.0	15	60.6

43150	32.5	234.4	16	60.9
43160	32.4	233.8	17	60.9
43170	33.2	233.2	17	60.9
43180	33.6	232.6	18	60.9
43190	34.2	232.0	18	60.9
43200	33.8	231.3	19	60.9
43210	33.5	230.7	20	60.9
43220	33.2	230.1	20	60.9
43230	33.4	229.5	21	60.6
43240	33.5	228.9	22	60.6
43250	34.2	228.3	22	60.6
43260	34.8	227.7	23	60.6
43270	35.3	227.1	23	60.9
43280	35.0	226.5	24	60.9
43290	34.4	225.9	25	60.6
43300	33.8	225.3	25	60.6
43310	33.2	224.7	26	60.6
43320	33.1	224.0	26	60.6
43330	33.4	223.4	27	60.4
43340	33.9	222.8	28	60.4
43350	34.0	222.2	28	60.6
43360	34.3	221.6	29	60.6
43370	34.3	221.0	29	60.6
43380	34.4	220.4	30	60.6
43390	34.0	219.8	31	60.6
43400	33.9	219.2	31	60.6
43410	33.5	218.6	32	60.6
43420	33.8	218.0	32	60.6
43430	34.0	217.4	33	60.4
43440	34.3	216.8	34	60.6
43450	34.4	216.2	34	60.6
43460	34.7	215.6	35	60.6
43470	34.7	214.9	36	60.6
43480	34.4	214.3	36	60.4
43490	34.2	213.7	37	60.6
43500	34.0	213.1	37	60.6
43510	33.9	212.5	38	60.4
43520	34.2	211.9	39	60.6
43530	34.2	211.3	39	60.6
43540	34.3	210.7	40	60.6
43550	34.3	210.1	40	60.4
43560	34.6	209.5	41	60.6
43570	34.2	208.9	42	60.4
43580	33.6	208.3	42	60.6
43590	33.5	207.7	43	60.4
43600	33.5	207.1	43	60.4
43610	33.9	206.5	44	60.4
43620	34.2	205.9	45	60.4
43630	34.0	205.3	45	60.4
43640	33.1	204.7	46	60.4
43650	31.7	204.0	46	60.4
43660	30.2	203.4	47	60.4
43670	29.8	202.8	48	60.4
43680	29.6	202.2	48	60.4

43690	30.4	201.6	49	60.4
43700	30.8	201.0	49	60.4
43710	31.3	200.4	50	60.6
43720	30.8	199.8	51	60.4
43730	31.1	199.2	51	60.4
43740	31.1	198.6	52	60.4
43750	31.9	198.0	52	60.6
43760	32.4	197.4	53	60.6
43770	32.7	196.8	54	60.6
43780	32.3	196.2	54	60.6
43790	31.9	195.6	55	60.6
43800	31.5	195.0	55	60.4
43810	31.6	194.4	56	60.4
43820	32.4	193.8	57	60.4
43830	33.4	193.2	57	60.4
43840	33.9	192.6	58	60.6
43850	33.9	191.9	59	60.9
43860	33.5	191.3	59	60.6
43870	32.5	190.7	60	60.4
43880	32.3	190.1	60	60.4
43890	32.3	189.5	61	60.4
43900	33.2	188.9	62	60.6
43910	33.6	188.3	62	60.6
43920	33.8	187.7	63	60.4
43930	33.2	187.1	63	60.4
43940	33.0	186.5	64	60.6
43950	32.7	185.9	65	60.6
43960	33.1	185.3	65	60.4
43970	33.6	184.7	66	60.4
43980	34.2	184.1	66	60.6
43990	34.4	183.5	67	60.6
44000	34.3	182.9	68	60.4
44010	33.6	182.2	68	60.4
44020	33.2	181.6	69	60.4
44030	32.5	181.0	69	60.4
44040	32.5	180.4	70	60.4
44050	33.0	179.8	71	60.6
44060	33.2	179.2	71	60.6
44070	33.9	178.6	72	60.6
44080	33.6	178.0	72	60.6
44090	33.5	177.4	73	60.4
44100	33.4	176.8	74	60.4
44110	33.5	176.2	74	60.4
44120	33.9	175.6	75	60.6
44130	34.8	175.0	75	60.1
44140	35.5	174.4	76	60.6
44150	36.1	173.8	77	60.6
44160	35.9	173.2	77	60.6
44170	35.7	172.6	78	60.6
44180	35.0	172.0	78	60.4
44190	35.0	171.4	79	60.4
44200	35.1	170.8	80	60.6
44210	35.8	170.1	80	60.4
44220	36.3	169.5	81	60.4

44230	36.5	168.9	82	60.1
44240	35.8	168.3	82	60.4
44250	35.4	167.7	83	60.6
44260	35.3	167.1	83	60.4
44270	35.5	166.5	84	60.6
44280	35.8	165.9	85	60.6
44290	35.9	165.3	85	60.6
44300	36.5	164.7	86	60.4
44310	36.2	164.1	86	60.4
44320	36.3	163.5	87	60.6
44330	35.9	162.9	88	60.6
44340	35.9	162.3	88	60.4
44350	35.8	161.7	89	60.4
44360	35.7	161.1	89	60.6
44370	35.1	160.5	90	60.6
44380	35.1	159.9	91	60.4
44390	34.6	159.2	91	60.4
44400	35.1	158.6	92	60.4
44410	35.5	158.0	92	60.4
44420	35.9	157.4	93	60.6
44430	35.5	156.8	94	60.4
44440	34.8	156.2	94	60.6
44450	34.3	155.6	95	60.6
44460	34.2	155.0	95	60.6
44470	34.6	154.4	96	60.6
44480	35.5	153.8	97	60.6
44490	36.5	153.2	97	60.4
44500	36.7	152.6	98	60.6
44510	36.2	152.0	98	60.6
44520	35.5	151.4	99	60.4
44530	35.4	150.8	100	60.4
44540	35.5	150.2	100	60.4
44550	36.3	149.6	101	60.4
44560	36.9	149.0	101	60.6
44570	37.0	148.3	102	60.6
44580	36.3	147.7	103	60.6
44590	35.9	147.1	103	60.6
44600	35.3	146.5	104	60.6
44610	35.4	145.9	105	60.6
44620	35.0	145.3	105	60.6
44630	35.3	144.7	106	60.6
44640	35.4	144.1	106	60.6
44650	36.2	143.5	107	60.4
44660	36.7	142.9	108	60.6
44670	37.6	142.3	108	60.6
44680	37.8	141.7	109	60.6
44690	38.5	141.1	109	60.6
44700	38.6	140.5	110	60.6
44710	38.9	139.8	111	60.6
44720	39.1	139.2	111	60.9
44730	39.1	138.6	112	60.9
44740	39.1	138.0	112	60.9
44750	39.2	137.4	113	60.9
44760	39.2	136.8	114	60.9

44770	39.3	136.2	114	60.9
44780	39.6	135.6	115	60.9
44790	40.1	135.0	115	60.9
44800	40.4	134.4	116	60.9
44810	40.3	133.7	117	61.2
44820	39.9	133.1	117	60.9
44830	39.3	132.5	118	60.9
44840	38.9	131.9	119	60.9
44850	38.6	131.3	119	60.9
44860	38.8	130.7	120	60.9
44870	39.2	130.1	120	60.9
44880	39.2	129.5	121	60.9
44890	38.9	128.9	122	60.9
44900	39.3	128.3	122	60.9
44910	39.3	127.7	123	60.9
44920	39.5	127.0	123	60.9
44930	39.6	126.4	124	60.9
44940	40.1	125.8	125	60.9
44950	40.4	125.2	125	61.2
44960	41.1	124.6	126	61.2
44970	41.2	124.0	126	61.2
44980	41.1	123.4	127	61.2
44990	40.7	122.8	128	60.9
45000	40.3	122.2	128	60.9
45010	40.0	121.5	129	60.9
45020	40.0	120.9	130	61.2
45030	39.9	120.3	130	61.2
45040	39.9	119.7	131	61.2
45050	39.5	119.1	131	61.2
45060	39.3	118.5	132	61.2
45070	39.2	117.9	133	61.2
45080	39.6	117.3	133	61.2
45090	39.6	116.6	134	60.9
45100	40.0	116.0	134	61.2
45110	39.6	115.4	135	61.2
45120	38.6	114.8	136	60.9
45130	37.3	114.2	136	60.9
45140	36.7	113.6	137	61.2
45150	36.5	113.0	137	60.6
45160	36.7	112.4	138	61.2
45170	36.7	111.8	139	60.9
45180	36.9	111.1	139	60.9
45190	36.6	110.5	140	61.2
45200	36.3	109.9	141	60.9
45210	35.8	109.3	141	61.2
45220	36.1	108.7	142	60.9
45230	36.2	108.1	142	60.9
45240	36.3	107.5	143	61.2
45250	35.9	106.9	144	61.2
45260	35.5	106.3	144	61.2
45270	34.8	105.6	145	60.9
45280	34.3	105.0	145	60.9
45290	33.8	104.4	146	60.9
45300	33.6	103.8	147	60.9

45310	33.8	103.2	147	60.9
45320	33.9	102.6	148	60.9
45330	33.4	102.0	148	60.9
45340	32.8	101.4	149	61.2
45350	32.5	100.8	150	60.9
45360	32.3	100.2	150	60.9
45370	32.1	99.5	151	61.2
45380	32.5	98.9	152	60.9
45390	32.7	98.3	152	60.9
45400	32.5	97.7	153	60.9
45410	32.5	97.1	153	60.9
45420	32.3	96.5	154	60.9
45430	32.1	95.9	155	60.9
45440	32.0	95.3	155	60.9
45450	32.3	94.7	156	60.9
45460	31.9	94.0	156	61.2
45470	31.7	93.4	157	61.2
45480	31.2	92.8	158	61.2
45490	31.1	92.2	158	60.9
45500	30.2	91.6	159	60.6
45510	30.0	91.0	159	60.9
45520	29.7	90.4	160	60.9
45530	30.0	89.8	161	60.9
45540	29.7	89.2	161	60.9
45550	29.6	88.6	162	61.2
45560	28.7	87.9	163	60.9
45570	28.2	87.3	163	60.9
45580	27.7	86.7	164	60.9
45590	27.5	86.1	164	61.2
45600	27.5	85.5	165	60.9
45610	27.9	84.9	166	60.9
45620	27.7	84.3	166	60.9
45630	27.5	83.7	167	60.9
45640	27.1	83.1	167	60.9
45650	26.7	82.5	168	60.9
45660	26.2	81.8	169	60.6
45670	26.0	81.2	169	60.9
45680	25.8	80.6	170	60.9
45690	25.6	80.0	170	60.9
45700	25.1	79.4	171	60.9
45710	24.5	78.8	172	60.9
45720	23.7	78.2	172	60.9
45730	23.1	77.6	173	60.9
45740	22.6	77.0	173	60.6
45750	22.6	76.4	174	60.6
45760	22.5	75.8	175	60.9
45770	22.5	75.2	175	60.9
45780	22.0	74.5	176	60.6
45790	21.6	73.9	177	60.6
45800	21.4	73.4	177	54.0
45810	25.2	72.8	178	45.5
45820	32.7	72.4	178	38.3
45830	38.2	72.0	178	30.6
45840	38.1	71.7	179	29.8

45850	33.6	71.5	179	21.5
45860	26.8	71.3	179	18.6
45870	22.5	71.2	179	13.3
45880	21.4	71.1	179	11.1
45890	22.6	71.0	179	8.5
45900	23.3	70.9	180	6.3
45910	22.8	70.9	180	5.5
45920	20.6	70.8	180	4.2
45930	17.1	70.8	180	2.9
45940	13.7	70.7	180	2.1
45950	11.3	70.7	180	2.3
45960	9.9	70.7	180	1.5
45970	7.9	70.7	180	0.0
45980	4.7	70.7	180	0.0
45990	-0.8	70.7	180	0.0
46000	-1.1	70.7	180	0.7
46010	-5.7	70.7	180	1.0
46020	-15.7	70.7	180	-1.3
46030	-24.0	70.7	180	-3.4
46040	-22.4	70.8	180	-6.9
46050	-13.6	70.9	180	-12.5
46060	-6.9	71.1	179	-15.9
46070	-7.9	71.3	179	-17.8
46080	-15.5	71.5	179	-20.4
46090	-23.9	71.7	179	-24.7
46100	-26.6	72.1	178	-30.6
46110	-23.3	72.5	178	-37.0
46120	-17.8	72.9	178	-42.3
46130	-14.9	73.4	177	-46.3
46140	-16.5	74.0	176	-55.6
46150	-22.8	74.6	176	-57.2
46160	-29.3	75.1	175	-58.3
46170	-33.2	75.7	175	-59.1
46180	-33.2	76.3	174	-59.3
46190	-30.6	76.9	174	-59.3
46200	-29.0	77.5	173	-59.3
46210	-30.6	78.1	172	-59.3
46220	-35.3	78.7	172	-59.6
46230	-40.1	79.3	171	-59.9
46240	-42.8	79.9	171	-60.1
46250	-42.7	80.5	170	-60.1
46260	-40.8	81.1	169	-59.9
46270	-38.5	81.7	169	-59.9
46280	-38.1	82.3	168	-59.9
46290	-40.0	82.9	168	-60.1
46300	-43.0	83.5	167	-60.1
46310	-45.8	84.1	166	-60.4
46320	-46.6	84.7	166	-60.1
46330	-45.6	85.3	165	-60.1
46340	-43.7	85.9	165	-60.1
46350	-43.1	86.5	164	-60.1
46360	-43.8	87.1	163	-60.1
46370	-45.8	87.7	163	-60.4
46380	-47.9	88.3	162	-60.1

46390	-49.2	88.9	162	-60.1
46400	-49.0	89.5	161	-60.1
46410	-47.3	90.1	160	-60.4
46420	-45.8	90.7	160	-60.1
46430	-45.3	91.3	159	-59.9
46440	-46.0	91.9	159	-59.9
46450	-46.8	92.5	158	-59.9
46460	-47.2	93.1	157	-59.9
46470	-47.5	93.7	157	-59.9
46480	-47.5	94.3	156	-59.6
46490	-47.3	94.9	156	-59.9
46500	-47.7	95.5	155	-60.1
46510	-48.1	96.1	154	-59.9
46520	-48.5	96.7	154	-59.9
46530	-48.7	97.3	153	-59.9
46540	-48.5	97.9	153	-60.4
46550	-48.0	98.5	152	-60.1
46560	-47.6	99.1	151	-60.4
46570	-47.5	99.7	151	-60.1
46580	-48.1	100.3	150	-60.1
46590	-48.8	100.9	150	-60.1
46600	-49.6	101.5	149	-60.4
46610	-49.8	102.1	148	-60.4
46620	-49.1	102.7	148	-60.1
46630	-48.3	103.3	147	-60.1
46640	-47.6	103.9	147	-60.1
46650	-47.9	104.5	146	-60.4
46660	-48.0	105.2	145	-60.1
46670	-48.5	105.8	145	-60.4
46680	-49.0	106.4	144	-60.1
46690	-49.0	107.0	143	-60.4
46700	-48.5	107.6	143	-60.4
46710	-47.9	108.2	142	-60.4
46720	-47.1	108.8	142	-60.4
46730	-47.1	109.4	141	-60.4
46740	-47.2	110.0	140	-60.1
46750	-47.6	110.6	140	-60.4
46760	-48.3	111.2	139	-60.4
46770	-48.7	111.8	139	-60.4
46780	-48.7	112.4	138	-60.4
46790	-48.7	113.0	137	-60.1
46800	-48.7	113.6	137	-60.4
46810	-48.8	114.2	136	-60.4
46820	-49.2	114.8	136	-60.4
46830	-49.6	115.4	135	-60.4
46840	-50.0	116.0	134	-60.4
46850	-49.9	116.6	134	-60.6
46860	-50.2	117.2	133	-60.6
46870	-50.7	117.8	133	-60.6
46880	-51.7	118.4	132	-60.6
46890	-51.9	119.1	131	-60.6
46900	-52.1	119.7	131	-60.9
46910	-51.8	120.3	130	-60.6
46920	-51.9	120.9	130	-60.6

46930	-52.2	121.5	129	-60.6
46940	-52.1	122.1	128	-60.6
46950	-51.7	122.7	128	-60.6
46960	-51.1	123.3	127	-60.9
46970	-50.4	123.9	127	-60.9
46980	-50.0	124.5	126	-60.6
46990	-50.2	125.1	125	-60.9
47000	-50.4	125.7	125	-60.9
47010	-51.0	126.3	124	-60.9
47020	-51.0	127.0	123	-60.9
47030	-50.2	127.6	123	-60.9
47040	-49.4	128.2	122	-60.6
47050	-48.7	128.8	122	-60.6
47060	-48.5	129.4	121	-60.9
47070	-49.4	130.0	120	-60.6
47080	-50.2	130.6	120	-60.6
47090	-51.0	131.2	119	-60.6
47100	-51.1	131.8	119	-60.6
47110	-51.3	132.4	118	-60.9
47120	-50.7	133.0	117	-60.9
47130	-50.4	133.6	117	-60.9
47140	-50.0	134.3	116	-60.6
47150	-49.9	134.9	116	-60.9
47160	-49.5	135.5	115	-60.6
47170	-49.4	136.1	114	-60.9
47180	-49.8	136.7	114	-60.9
47190	-50.2	137.3	113	-60.9
47200	-50.2	137.9	113	-60.9
47210	-50.2	138.5	112	-60.9
47220	-49.8	139.1	111	-60.6
47230	-49.8	139.7	111	-60.6
47240	-49.5	140.3	110	-60.9
47250	-49.5	141.0	109	-60.9
47260	-49.6	141.6	109	-60.9
47270	-49.9	142.2	108	-60.9
47280	-49.8	142.8	108	-60.9
47290	-49.1	143.4	107	-61.2
47300	-48.4	144.0	106	-61.2
47310	-48.1	144.6	106	-60.9
47320	-48.7	145.2	105	-60.6
47330	-49.1	145.8	105	-60.9
47340	-49.4	146.4	104	-60.9
47350	-48.8	147.1	103	-60.9
47360	-47.7	147.7	103	-60.9
47370	-46.8	148.3	102	-60.6
47380	-46.1	148.9	102	-60.6
47390	-46.1	149.5	101	-60.4
47400	-46.2	150.1	100	-60.6
47410	-46.1	150.7	100	-60.4
47420	-45.8	151.3	99	-60.6
47430	-45.0	151.9	99	-60.9
47440	-43.8	152.5	98	-60.6
47450	-43.1	153.1	97	-60.6
47460	-43.0	153.7	97	-60.6

47470	-43.1	154.3	96	-60.6
47480	-43.1	154.9	96	-60.4
47490	-42.7	155.5	95	-60.4
47500	-42.3	156.1	94	-60.4
47510	-41.9	156.8	94	-60.4
47520	-41.4	157.4	93	-60.4
47530	-41.2	158.0	92	-60.1
47540	-41.4	158.6	92	-59.9
47550	-41.5	159.2	91	-60.4
47560	-41.2	159.8	91	-60.6
47570	-41.2	160.4	90	-60.1
47580	-41.4	161.0	89	-59.9
47590	-41.1	161.6	89	-60.4
47600	-40.8	162.2	88	-60.4
47610	-40.5	162.8	88	-60.6
47620	-40.7	163.4	87	-60.4
47630	-41.0	164.0	86	-60.4
47640	-41.0	164.6	86	-60.4
47650	-41.1	165.2	85	-60.1
47660	-41.0	165.8	85	-60.4
47670	-40.5	166.4	84	-60.1
47680	-40.3	167.0	83	-59.9
47690	-40.0	167.6	83	-59.9
47700	-39.6	168.2	82	-59.6
47710	-39.7	168.8	82	-59.6
47720	-39.7	169.4	81	-59.6
47730	-40.0	170.0	80	-59.9
47740	-40.0	170.6	80	-59.9
47750	-40.1	171.2	79	-59.9
47760	-40.7	171.8	79	-59.9
47770	-41.1	172.4	78	-60.1
47780	-40.8	173.0	77	-60.1
47790	-40.1	173.6	77	-60.1
47800	-39.5	174.2	76	-60.1
47810	-38.8	174.8	76	-59.9
47820	-38.1	175.4	75	-59.9
47830	-37.6	176.0	74	-60.1
47840	-37.6	176.6	74	-60.1
47850	-37.7	177.2	73	-60.1
47860	-37.8	177.8	73	-60.1
47870	-38.0	178.4	72	-59.9
47880	-38.0	179.0	71	-59.9
47890	-37.3	179.6	71	-60.1
47900	-36.3	180.2	70	-60.1
47910	-35.3	180.8	70	-60.1
47920	-34.4	181.4	69	-59.9
47930	-34.4	182.0	68	-59.9
47940	-34.6	182.6	68	-59.9
47950	-34.7	183.2	67	-59.9
47960	-34.7	183.8	67	-59.9
47970	-34.4	184.4	66	-59.6
47980	-33.9	185.0	65	-59.6
47990	-33.1	185.6	65	-59.6
48000	-32.5	186.2	64	-59.6

48010	-32.5	186.8	64	-59.1
48020	-32.7	187.4	63	-59.3
48030	-32.5	188.0	62	-60.1
48040	-32.5	188.6	62	-60.4
48050	-32.1	189.2	61	-60.1
48060	-31.9	189.8	61	-59.9
48070	-31.6	190.4	60	-59.9
48080	-31.5	191.0	59	-59.9
48090	-31.3	191.6	59	-60.1
48100	-31.3	192.2	58	-59.6
48110	-31.2	192.8	58	-59.6
48120	-31.3	193.4	57	-59.3
48130	-31.1	194.0	56	-59.9
48140	-30.8	194.6	56	-59.9
48150	-30.4	195.2	55	-59.9
48160	-30.5	195.8	55	-59.6
48170	-30.9	196.4	54	-59.9
48180	-31.1	197.0	53	-60.1
48190	-31.1	197.6	53	-59.9
48200	-31.1	198.1	52	-59.9
48210	-30.9	198.7	52	-59.9
48220	-30.4	199.3	51	-59.9
48230	-30.1	199.9	51	-59.9
48240	-30.1	200.5	50	-59.6
48250	-30.4	201.1	49	-59.6
48260	-30.6	201.7	49	-59.9
48270	-30.8	202.3	48	-59.6
48280	-30.9	202.9	48	-59.3
48290	-30.9	203.5	47	-59.6
48300	-30.9	204.1	46	-59.3
48310	-30.5	204.7	46	-59.3
48320	-30.2	205.3	45	-59.6
48330	-29.7	205.9	45	-59.6
48340	-29.6	206.5	44	-59.6
48350	-29.4	207.1	43	-59.6
48360	-29.4	207.7	43	-59.6
48370	-29.4	208.3	42	-59.6
48380	-29.6	208.9	42	-59.3
48390	-29.6	209.5	41	-59.6
48400	-29.6	210.1	40	-59.6
48410	-29.7	210.7	40	-59.3
48420	-29.6	211.3	39	-59.1
48430	-29.8	211.9	39	-59.3
48440	-30.1	212.5	38	-59.6
48450	-30.4	213.1	37	-59.9
48460	-30.1	213.6	37	-59.3
48470	-30.4	214.2	36	-59.3
48480	-30.4	214.8	36	-59.6
48490	-30.5	215.4	35	-59.6
48500	-30.9	216.0	34	-59.9
48510	-31.2	216.6	34	-59.6
48520	-31.3	217.2	33	-59.3
48530	-31.2	217.8	33	-59.6
48540	-30.8	218.4	32	-59.3

48550	-30.1	219.0	31	-59.3
48560	-30.0	219.6	31	-59.3
48570	-29.8	220.2	30	-59.3
48580	-30.1	220.8	30	-59.3
48590	-30.4	221.4	29	-59.6
48600	-30.6	222.0	28	-59.3
48610	-30.8	222.6	28	-59.3
48620	-30.5	223.2	27	-59.3
48630	-30.0	223.8	27	-59.6
48640	-29.4	224.4	26	-59.3
48650	-29.4	224.9	26	-59.3
48660	-29.4	225.5	25	-59.6
48670	-29.4	226.1	24	-59.6
48680	-29.3	226.7	24	-59.6
48690	-29.0	227.3	23	-59.6
48700	-28.5	227.9	23	-59.3
48710	-28.1	228.5	22	-59.3
48720	-27.9	229.1	21	-59.3
48730	-28.1	229.7	21	-59.3
48740	-28.5	230.3	20	-59.3
48750	-28.2	230.9	20	-59.3
48760	-28.2	231.5	19	-59.6
48770	-28.3	232.1	18	-59.6
48780	-28.3	232.7	18	-59.3
48790	-28.3	233.3	17	-59.3
48800	-28.2	233.9	17	-59.9
48810	-28.3	234.5	16	-59.6
48820	-28.2	235.1	15	-59.6
48830	-28.5	235.7	15	-59.3
48840	-28.5	236.3	14	-59.3
48850	-28.3	236.8	14	-59.6
48860	-27.9	237.4	13	-59.3
48870	-28.5	238.0	12	-59.3
48880	-28.7	238.6	12	-59.3
48890	-29.0	239.2	11	-59.6
48900	-28.2	239.8	11	-59.6
48910	-27.9	240.4	10	-59.3
48920	-27.8	241.0	9	-59.3
48930	-27.7	241.6	9	-59.6
48940	-27.1	242.2	8	-59.6
48950	-26.6	242.8	8	-59.3
48960	-26.0	243.4	7	-59.3
48970	-25.4	244.0	6	-59.3
48980	-25.2	244.6	6	-59.3
48990	-25.1	245.2	5	-59.3
49000	-25.6	245.8	5	-59.3
49010	-26.2	246.4	4	-59.3
49020	-26.6	247.0	3	-59.3
49030	-26.3	247.5	3	-59.6
49040	-26.3	248.1	2	-59.3
49050	-26.4	248.7	2	-59.3
49060	-26.3	249.3	1	-59.6
49070	-26.2	249.9	1	-59.6
49080	-25.5	250.5	0	-59.6

49090	-25.1	251.1	-1	-59.3
49100	-24.4	251.7	-1	-59.3
49110	-24.0	252.3	-2	-59.3
49120	-23.6	252.9	-2	-59.6
49130	-23.5	253.5	-3	-59.3
49140	-23.7	254.1	-4	-59.3
49150	-23.6	254.7	-4	-59.3
49160	-23.5	255.3	-5	-59.3
49170	-22.9	255.9	-5	-59.3
49180	-22.9	256.5	-6	-59.3
49190	-22.5	257.1	-7	-59.3
49200	-22.4	257.6	-7	-59.3
49210	-22.1	258.2	-8	-59.6
49220	-22.0	258.8	-8	-59.3
49230	-22.4	259.4	-9	-59.6
49240	-22.2	260.0	-10	-59.6
49250	-22.0	260.6	-10	-59.6
49260	-21.3	261.2	-11	-59.6
49270	-21.0	261.8	-11	-59.6
49280	-20.6	262.4	-12	-59.3
49290	-20.5	263.0	-13	-59.6
49300	-19.9	263.6	-13	-59.6
49310	-19.9	264.2	-14	-59.3
49320	-19.8	264.8	-14	-59.3
49330	-19.3	265.4	-15	-59.3
49340	-18.0	266.0	-16	-59.3
49350	-16.5	266.6	-16	-59.3
49360	-15.2	267.2	-17	-59.1
49370	-14.1	267.8	-17	-59.1
49380	-14.1	268.3	-18	-51.9
49390	-19.9	268.8	-18	-40.9
49400	-29.2	269.2	-19	-41.2
49410	-33.2	269.5	-19	-30.8
49420	-31.3	269.8	-19	-22.3
49430	-24.3	270.0	-20	-17.8
49440	-16.0	270.2	-20	-13.3
49450	-9.6	270.3	-20	-10.3
49460	-6.5	270.4	-20	-8.5
49470	-6.4	270.5	-20	-6.6
49480	-7.6	270.5	-20	-6.6
49490	-7.7	270.6	-20	-5.0
49500	-5.6	270.6	-20	-4.2
49510	-0.9	270.7	-20	-3.1
49520	0.0	270.7	-20	-2.1
49530	0.0	270.7	-20	-1.5
49540	0.0	270.7	-20	-1.3
49550	0.0	270.7	-20	-1.0
49560	9.1	270.7	-20	0.2
49570	21.4	270.7	-20	1.8
49580	22.6	270.7	-20	5.3
49590	15.9	270.6	-20	11.4
49600	8.8	270.4	-20	13.3
49610	6.8	270.3	-20	12.5
49620	12.6	270.2	-20	13.5

49630	21.2	270.0	-20	15.7
49640	25.9	269.8	-19	19.7
49650	24.4	269.5	-19	25.0
49660	19.5	269.2	-19	29.8
49670	16.5	268.8	-18	33.2
49680	18.2	268.4	-18	36.2
49690	22.8	268.0	-18	43.6
49700	25.6	267.5	-17	49.7
49710	24.8	267.0	-17	55.9
49720	21.8	266.4	-16	60.9
49730	22.5	265.8	-15	60.6
49740	27.1	265.1	-15	60.9
49750	32.0	264.5	-14	61.2
49760	35.0	263.9	-13	61.4
49770	35.5	263.3	-13	61.2
49780	34.4	262.7	-12	61.4
49790	32.8	262.1	-12	61.4
49800	32.5	261.5	-11	61.2
49810	33.4	260.9	-10	61.2
49820	35.0	260.2	-10	61.4
49830	36.3	259.6	-9	61.4
49840	36.6	259.0	-9	61.4
49850	35.8	258.4	-8	61.4
49860	34.7	257.8	-7	61.2
49870	33.2	257.2	-7	60.9
49880	32.4	256.6	-6	61.2
49890	31.9	256.0	-6	60.9
49900	32.0	255.3	-5	61.2
49910	32.3	254.7	-4	61.2
49920	32.3	254.1	-4	61.2
49930	31.9	253.5	-3	61.2
49940	31.3	252.9	-2	60.9
49950	30.9	252.3	-2	61.2
49960	30.9	251.7	-1	60.9
49970	31.9	251.1	-1	61.2
49980	32.5	250.5	0	61.2
49990	33.5	249.8	1	61.2
50000	33.6	249.2	1	60.9
50010	33.0	248.6	2	60.9
50020	32.3	248.0	2	61.2
50030	32.1	247.4	3	60.9
50040	32.8	246.8	4	60.6
50050	33.6	246.2	4	61.2
50060	34.6	245.6	5	61.2
50070	34.6	245.0	5	61.2
50080	34.3	244.3	6	61.2
50090	33.5	243.7	7	61.2
50100	32.5	243.1	7	60.9
50110	32.0	242.5	8	60.9
50120	31.9	241.9	9	60.6
50130	32.7	241.3	9	60.6
50140	33.1	240.7	10	60.9
50150	33.5	240.1	10	60.9
50160	33.6	239.5	11	60.9

50170	33.6	238.9	12	60.9
50180	33.1	238.3	12	60.6
50190	32.8	237.6	13	60.9
50200	32.1	237.0	13	60.9
50210	32.1	236.4	14	60.6
50220	32.5	235.8	15	60.6
50230	33.1	235.2	15	60.9
50240	33.1	234.6	16	60.6
50250	33.6	234.0	16	60.9
50260	33.8	233.4	17	60.9
50270	34.2	232.8	18	60.9
50280	34.3	232.2	18	61.2
50290	34.4	231.6	19	60.9
50300	34.0	231.0	19	60.6
50310	33.5	230.3	20	60.9
50320	33.1	229.7	21	60.6
50330	33.5	229.1	21	60.6
50340	33.9	228.5	22	60.6
50350	34.6	227.9	23	60.6
50360	34.8	227.3	23	60.9
50370	34.7	226.7	24	60.6
50380	34.7	226.1	24	60.9
50390	34.6	225.5	25	60.4
50400	34.4	224.9	26	60.6
50410	34.3	224.3	26	60.6
50420	34.3	223.7	27	60.6
50430	34.3	223.1	27	60.6
50440	34.2	222.4	28	60.6
50450	33.6	221.8	29	60.6
50460	33.5	221.2	29	60.6
50470	33.2	220.6	30	60.6
50480	33.8	220.0	30	60.6
50490	34.0	219.4	31	60.9
50500	34.4	218.8	32	60.6
50510	34.4	218.2	32	60.6
50520	34.8	217.6	33	60.4
50530	34.7	217.0	33	60.6
50540	34.6	216.4	34	60.6
50550	34.4	215.8	35	60.6
50560	34.6	215.2	35	60.6
50570	34.3	214.6	36	60.6
50580	33.9	214.0	36	60.6
50590	33.1	213.3	37	60.4
50600	32.7	212.7	38	60.4
50610	32.1	212.1	38	60.4
50620	32.5	211.5	39	60.4
50630	32.7	210.9	40	60.6
50640	32.7	210.3	40	60.4
50650	32.1	209.7	41	60.4
50660	31.5	209.1	41	60.1
50670	30.8	208.5	42	60.6
50680	30.8	207.9	43	60.4
50690	31.5	207.3	43	60.4
50700	32.3	206.7	44	60.4

50710	33.0	206.1	44	60.6
50720	33.0	205.5	45	60.4
50730	32.8	204.9	46	60.4
50740	32.1	204.3	46	60.6
50750	32.1	203.7	47	60.4
50760	32.7	203.1	47	60.4
50770	33.5	202.5	48	60.4
50780	33.8	201.9	49	60.6
50790	33.9	201.2	49	60.4
50800	33.5	200.6	50	60.6
50810	33.4	200.0	50	60.6
50820	32.7	199.4	51	60.1
50830	32.8	198.8	52	60.4
50840	32.8	198.2	52	60.6
50850	33.1	197.6	53	60.4
50860	33.1	197.0	53	60.6
50870	33.0	196.4	54	60.6
50880	32.7	195.8	55	60.4
50890	32.3	195.2	55	60.4
50900	32.4	194.6	56	60.4
50910	33.0	194.0	56	60.4
50920	33.4	193.4	57	60.4
50930	33.5	192.8	58	60.6
50940	33.4	192.2	58	60.9
50950	32.8	191.6	59	60.6
50960	32.7	190.9	60	60.4
50970	32.7	190.3	60	60.4
50980	33.4	189.7	61	60.6
50990	33.9	189.1	61	60.6
51000	34.6	188.5	62	60.6
51010	34.6	187.9	63	60.6
51020	34.2	187.3	63	60.6
51030	33.2	186.7	64	60.4
51040	33.1	186.1	64	60.4
51050	33.0	185.5	65	60.4
51060	33.8	184.9	66	60.4
51070	34.6	184.3	66	60.6
51080	35.4	183.7	67	60.6
51090	35.4	183.1	67	60.6
51100	35.3	182.5	68	60.4
51110	34.8	181.9	69	60.6
51120	34.4	181.2	69	60.4
51130	34.0	180.6	70	60.4
51140	34.2	180.0	70	60.6
51150	34.7	179.4	71	60.6
51160	35.4	178.8	72	60.6
51170	36.2	178.2	72	60.6
51180	35.7	177.6	73	60.6
51190	35.1	177.0	73	60.6
51200	34.6	176.4	74	60.6
51210	34.4	175.8	75	60.6
51220	34.3	175.2	75	60.4
51230	34.7	174.6	76	60.4
51240	34.7	174.0	76	60.6

51250	34.6	173.4	77	60.6
51260	33.8	172.8	78	60.4
51270	33.2	172.2	78	60.4
51280	33.4	171.6	79	60.4
51290	33.9	171.0	79	60.4
51300	34.4	170.3	80	60.6
51310	35.4	169.7	81	60.4
51320	35.7	169.1	81	60.4
51330	35.3	168.5	82	60.4
51340	34.4	167.9	83	60.4
51350	34.0	167.3	83	60.1
51360	34.3	166.7	84	60.4
51370	35.0	166.1	84	60.6
51380	36.3	165.5	85	60.4
51390	36.9	164.9	86	60.6
51400	37.2	164.3	86	60.6
51410	36.3	163.7	87	60.6
51420	35.7	163.1	87	60.6
51430	35.1	162.5	88	60.4
51440	35.4	161.9	89	60.6
51450	35.7	161.3	89	60.6
51460	36.5	160.7	90	60.6
51470	36.7	160.1	90	60.4
51480	36.9	159.4	91	60.6
51490	36.1	158.8	92	60.4
51500	36.1	158.2	92	60.6
51510	36.5	157.6	93	60.6
51520	37.4	157.0	93	60.6
51530	38.1	156.4	94	60.6
51540	38.9	155.8	95	60.6
51550	38.6	155.2	95	60.9
51560	38.2	154.6	96	60.6
51570	37.4	154.0	96	60.6
51580	37.3	153.4	97	60.4
51590	37.4	152.8	98	60.6
51600	37.7	152.2	98	60.6
51610	38.2	151.6	99	60.4
51620	38.5	151.0	99	60.4
51630	38.4	150.3	100	60.6
51640	38.2	149.7	101	60.9
51650	38.2	149.1	101	60.6
51660	38.2	148.5	102	60.9
51670	38.5	147.9	103	60.6
51680	38.5	147.3	103	60.9
51690	38.4	146.7	104	60.9
51700	38.1	146.1	104	60.6
51710	38.1	145.5	105	60.9
51720	38.0	144.9	106	60.6
51730	37.8	144.3	106	60.9
51740	37.4	143.7	107	60.6
51750	37.4	143.0	107	60.6
51760	37.4	142.4	108	60.6
51770	37.7	141.8	109	60.6
51780	38.0	141.2	109	60.6

51790	38.5	140.6	110	60.6
51800	38.9	140.0	110	60.6
51810	39.5	139.4	111	61.2
51820	39.3	138.8	112	60.9
51830	39.2	138.2	112	60.9
51840	38.9	137.6	113	61.2
51850	39.1	137.0	113	60.9
51860	38.8	136.3	114	61.2
51870	39.1	135.7	115	60.9
51880	39.2	135.1	115	60.6
51890	39.3	134.5	116	60.9
51900	39.2	133.9	117	60.9
51910	39.2	133.3	117	60.9
51920	39.2	132.7	118	60.9
51930	39.3	132.1	118	60.9
51940	39.3	131.5	119	60.9
51950	39.3	130.9	120	60.9
51960	39.1	130.3	120	60.9
51970	38.5	129.6	121	60.9
51980	38.1	129.0	121	60.9
51990	37.8	128.4	122	60.9
52000	38.0	127.8	123	60.9
52010	38.2	127.2	123	60.6
52020	38.6	126.6	124	60.9
52030	38.6	126.0	124	61.2
52040	38.8	125.4	125	60.9
52050	38.4	124.8	126	60.9
52060	38.2	124.2	126	60.6
52070	37.8	123.5	127	60.9
52080	37.8	122.9	128	60.9
52090	37.8	122.3	128	60.9
52100	38.2	121.7	129	60.9
52110	38.5	121.1	129	61.2
52120	38.5	120.5	130	61.2
52130	38.2	119.9	131	61.2
52140	37.8	119.3	131	61.2
52150	37.4	118.7	132	60.9
52160	37.2	118.0	132	60.9
52170	36.9	117.4	133	61.2
52180	37.2	116.8	134	60.9
52190	36.9	116.2	134	60.9
52200	36.6	115.6	135	60.9
52210	35.8	115.0	135	60.9
52220	35.7	114.4	136	60.9
52230	35.3	113.8	137	60.9
52240	35.8	113.2	137	60.6
52250	35.7	112.6	138	60.9
52260	35.8	111.9	139	61.2
52270	35.5	111.3	139	60.9
52280	35.4	110.7	140	61.2
52290	34.8	110.1	140	60.9
52300	34.6	109.5	141	61.2
52310	34.4	108.9	142	60.9
52320	34.4	108.3	142	60.6

52330	34.4	107.7	143	61.2
52340	34.6	107.1	143	61.2
52350	34.2	106.5	144	61.2
52360	33.9	105.8	145	60.9
52370	33.0	105.2	145	60.9
52380	32.4	104.6	146	60.9
52390	32.0	104.0	146	60.9
52400	32.3	103.4	147	60.9
52410	32.8	102.8	148	60.9
52420	32.8	102.2	148	60.9
52430	32.5	101.6	149	60.9
52440	32.4	101.0	149	60.9
52450	32.1	100.4	150	60.9
52460	32.1	99.7	151	61.2
52470	32.4	99.1	151	61.2
52480	33.0	98.5	152	60.9
52490	33.4	97.9	153	61.2
52500	33.1	97.3	153	60.9
52510	32.3	96.7	154	60.9
52520	31.3	96.1	154	61.2
52530	30.9	95.5	155	60.9
52540	30.8	94.9	156	60.9
52550	30.9	94.2	156	61.2
52560	30.9	93.6	157	61.2
52570	31.2	93.0	157	61.2
52580	30.4	92.4	158	60.9
52590	30.4	91.8	159	60.9
52600	29.7	91.2	159	60.9
52610	29.7	90.6	160	60.9
52620	29.7	90.0	160	60.9
52630	30.4	89.4	161	60.9
52640	30.1	88.8	162	60.9
52650	30.0	88.1	162	60.9
52660	29.4	87.5	163	61.2
52670	28.9	86.9	164	60.9
52680	28.5	86.3	164	61.2
52690	28.5	85.7	165	61.2
52700	28.7	85.1	165	60.9
52710	29.3	84.5	166	60.9
52720	29.2	83.9	167	61.2
52730	29.0	83.3	167	60.9
52740	28.3	82.6	168	61.2
52750	27.9	82.0	168	61.2
52760	27.7	81.4	169	60.9
52770	27.9	80.8	170	60.9
52780	28.1	80.2	170	60.9
52790	28.6	79.6	171	60.9
52800	28.2	79.0	171	60.9
52810	27.8	78.4	172	61.2
52820	27.0	77.8	173	61.2
52830	26.7	77.1	173	60.9
52840	26.6	76.5	174	60.9
52850	26.7	75.9	175	60.9
52860	26.7	75.3	175	60.9

52870	26.6	74.7	176	61.2
52880	26.4	74.1	176	61.2
52890	26.0	73.5	177	54.8
52900	29.2	72.9	178	47.9
52910	36.5	72.5	178	39.9
52920	43.4	72.1	178	32.7
52930	45.2	71.8	179	25.8
52940	41.5	71.5	179	25.0
52950	35.7	71.4	179	15.9
52960	30.6	71.2	179	14.1
52970	29.0	71.1	179	9.5
52980	30.0	71.0	179	9.5
52990	31.1	70.9	180	7.7
53000	30.9	70.9	180	5.8
53010	29.7	70.8	180	3.9
53020	26.7	70.8	180	3.4
53030	23.9	70.8	180	2.6
53040	21.8	70.7	180	2.6
53050	21.7	70.7	180	1.8
53060	21.4	70.7	180	0.2
53070	20.2	70.7	180	0.0
53080	15.2	70.7	180	0.2
53090	8.3	70.7	180	0.0
53100	1.5	70.7	180	0.0
53110	-0.9	70.7	180	0.2
53120	-1.8	70.7	180	1.8
53130	-0.9	70.7	180	0.5
53140	-3.3	70.7	180	0.0
53150	-10.3	70.7	180	-0.5
53160	-15.2	70.7	180	-1.8
53170	-16.1	70.7	180	-3.9
53180	-13.6	70.8	180	-5.8
53190	-9.5	70.9	180	-9.3
53200	-8.1	71.0	179	-11.7
53210	-10.8	71.1	179	-17.3
53220	-15.6	71.3	179	-21.0
53230	-19.0	71.5	179	-26.0
53240	-18.8	71.8	179	-31.6
53250	-16.4	72.2	178	-37.5
53260	-13.7	72.5	178	-42.3
53270	-13.4	72.9	178	-46.5
53280	-15.3	73.4	177	-50.5
53290	-17.6	73.9	177	-55.3
53300	-18.8	74.4	176	-55.6
53310	-19.8	75.0	175	-57.2
53320	-21.7	75.6	175	-57.2
53330	-25.0	76.1	174	-57.2
53340	-27.5	76.7	174	-58.5
53350	-29.6	77.3	173	-59.1
53360	-31.5	77.9	173	-59.3
53370	-33.1	78.5	172	-59.6
53380	-33.8	79.1	171	-59.3
53390	-33.9	79.7	171	-59.6
53400	-34.2	80.3	170	-59.6

53410	-34.3	80.9	170	-59.3
53420	-35.1	81.5	169	-59.6
53430	-35.8	82.1	168	-59.9
53440	-36.5	82.7	168	-59.9
53450	-37.6	83.3	167	-59.9
53460	-38.5	83.9	167	-59.9
53470	-39.5	84.5	166	-59.9
53480	-39.5	85.1	165	-60.1
53490	-39.2	85.7	165	-59.9
53500	-38.8	86.3	164	-60.1
53510	-38.9	86.9	164	-60.1
53520	-38.9	87.5	163	-60.1
53530	-39.5	88.1	162	-60.1
53540	-40.1	88.7	162	-60.1
53550	-40.8	89.3	161	-60.1
53560	-41.2	89.9	161	-60.1
53570	-41.6	90.5	160	-60.4
53580	-42.3	91.1	159	-60.1
53590	-42.3	91.7	159	-60.1
53600	-42.2	92.3	158	-59.9
53610	-41.5	92.9	158	-60.1
53620	-41.5	93.5	157	-59.9
53630	-42.4	94.1	156	-59.9
53640	-43.7	94.7	156	-59.9
53650	-44.6	95.3	155	-60.1
53660	-45.0	95.9	155	-60.1
53670	-45.4	96.5	154	-60.1
53680	-46.2	97.1	153	-60.1
53690	-47.1	97.7	153	-60.1
53700	-47.6	98.3	152	-60.6
53710	-48.1	98.9	152	-60.4
53720	-48.7	99.5	151	-60.1
53730	-49.0	100.1	150	-60.1
53740	-48.8	100.7	150	-60.4
53750	-48.8	101.3	149	-60.4
53760	-48.5	101.9	149	-60.4
53770	-49.1	102.5	148	-60.1
53780	-49.2	103.1	147	-60.1
53790	-49.5	103.7	147	-60.1
53800	-49.6	104.3	146	-60.4
53810	-50.2	104.9	146	-60.1
53820	-50.4	105.5	145	-60.4
53830	-51.0	106.1	144	-60.4
53840	-51.4	106.7	144	-60.4
53850	-51.8	107.4	143	-60.6
53860	-52.1	108.0	142	-60.6
53870	-52.2	108.6	142	-60.9
53880	-51.9	109.2	141	-60.6
53890	-51.7	109.8	141	-60.6
53900	-51.7	110.4	140	-60.4
53910	-51.7	111.0	139	-60.6
53920	-51.9	111.6	139	-60.6
53930	-52.2	112.2	138	-60.4
53940	-52.5	112.8	138	-60.4

53950	-52.5	113.4	137	-60.4
53960	-52.2	114.0	136	-60.4
53970	-51.8	114.6	136	-60.6
53980	-51.7	115.2	135	-60.4
53990	-51.5	115.8	135	-60.6
54000	-51.4	116.4	134	-60.6
54010	-51.0	117.1	133	-60.6
54020	-50.7	117.7	133	-60.6
54030	-50.4	118.3	132	-60.4
54040	-50.3	118.9	132	-60.6
54050	-49.8	119.5	131	-60.6
54060	-49.5	120.1	130	-60.4
54070	-49.5	120.7	130	-60.4
54080	-49.8	121.3	129	-60.4
54090	-49.5	121.9	129	-60.4
54100	-49.2	122.5	128	-60.6
54110	-48.8	123.1	127	-60.6
54120	-48.5	123.7	127	-60.6
54130	-48.4	124.3	126	-60.4
54140	-48.5	124.9	126	-60.6
54150	-48.5	125.5	125	-60.9
54160	-48.4	126.2	124	-60.6
54170	-47.9	126.8	124	-60.6
54180	-47.1	127.4	123	-60.6
54190	-46.5	128.0	122	-60.6
54200	-46.2	128.6	122	-60.6
54210	-46.4	129.2	121	-60.6
54220	-46.6	129.8	121	-60.6
54230	-46.6	130.4	120	-60.4
54240	-46.6	131.0	119	-60.4
54250	-46.5	131.6	119	-60.1
54260	-46.1	132.2	118	-60.6
54270	-46.0	132.8	118	-60.4
54280	-45.7	133.4	117	-60.4
54290	-45.8	134.0	116	-60.4
54300	-45.0	134.6	116	-60.4
54310	-44.3	135.2	115	-60.4
54320	-43.8	135.8	115	-60.4
54330	-43.4	136.4	114	-60.4
54340	-43.3	137.1	113	-60.4
54350	-43.7	137.7	113	-60.6
54360	-44.1	138.3	112	-60.6
54370	-44.6	138.9	112	-60.4
54380	-45.2	139.5	111	-60.4
54390	-45.0	140.1	110	-60.1
54400	-44.7	140.7	110	-60.6
54410	-44.3	141.3	109	-60.6
54420	-44.1	141.9	109	-60.6
54430	-43.8	142.5	108	-60.4
54440	-43.8	143.1	107	-60.6
54450	-43.4	143.7	107	-60.9
54460	-43.3	144.3	106	-60.6
54470	-42.7	144.9	106	-60.4
54480	-42.6	145.5	105	-60.6

54490	-42.6	146.1	104	-60.6
54500	-43.1	146.7	104	-60.6
54510	-43.5	147.4	103	-60.4
54520	-44.3	148.0	102	-60.4
54530	-44.5	148.6	102	-60.4
54540	-44.2	149.2	101	-60.4
54550	-43.5	149.8	101	-60.1
54560	-43.0	150.4	100	-60.6
54570	-42.7	151.0	99	-60.4
54580	-43.0	151.6	99	-60.6
54590	-43.1	152.2	98	-60.9
54600	-43.3	152.8	98	-60.6
54610	-43.1	153.4	97	-60.4
54620	-42.6	154.0	96	-60.6
54630	-41.8	154.6	96	-60.4
54640	-41.2	155.2	95	-60.4
54650	-40.8	155.8	95	-60.4
54660	-40.8	156.4	94	-60.4
54670	-41.1	157.0	93	-60.4
54680	-41.4	157.6	93	-60.1
54690	-41.8	158.2	92	-60.1
54700	-41.6	158.8	92	-60.1
54710	-41.2	159.4	91	-60.6
54720	-40.7	160.0	90	-60.4
54730	-40.7	160.6	90	-59.9
54740	-40.3	161.2	89	-60.1
54750	-40.0	161.8	89	-60.1
54760	-39.6	162.5	88	-60.6
54770	-39.5	163.1	87	-60.4
54780	-39.7	163.7	87	-60.4
54790	-39.9	164.3	86	-60.4
54800	-39.7	164.9	86	-60.4
54810	-39.6	165.5	85	-60.1
54820	-39.3	166.1	84	-60.1
54830	-38.9	166.7	84	-59.9
54840	-38.4	167.3	83	-59.9
54850	-37.7	167.9	83	-59.6
54860	-37.3	168.5	82	-59.9
54870	-37.6	169.1	81	-59.6
54880	-38.0	169.7	81	-59.6
54890	-38.0	170.3	80	-59.9
54900	-38.1	170.9	80	-59.6
54910	-37.6	171.5	79	-60.1
54920	-37.2	172.1	78	-59.9
54930	-35.9	172.7	78	-59.9
54940	-34.7	173.3	77	-59.9
54950	-33.6	173.8	77	-59.6
54960	-33.1	174.4	76	-59.6
54970	-33.1	175.0	75	-59.6
54980	-33.2	175.6	75	-59.6
54990	-33.5	176.2	74	-59.9
55000	-33.5	176.8	74	-59.9
55010	-33.2	177.4	73	-59.9
55020	-32.4	178.0	72	-59.6

55030	-32.0	178.6	72	-59.6
55040	-32.1	179.2	71	-59.6
55050	-32.1	179.8	71	-59.9
55060	-32.4	180.4	70	-59.9
55070	-32.7	181.0	69	-59.9
55080	-33.0	181.6	69	-59.9
55090	-33.4	182.2	68	-59.6
55100	-33.5	182.8	68	-59.6
55110	-33.4	183.4	67	-59.9
55120	-33.6	184.0	66	-59.6
55130	-33.5	184.6	66	-59.3
55140	-33.5	185.2	65	-59.6
55150	-33.1	185.8	65	-59.6
55160	-33.0	186.4	64	-59.1
55170	-33.0	187.0	63	-59.1
55180	-32.8	187.6	63	-59.9
55190	-32.5	188.2	62	-60.1
55200	-32.1	188.8	62	-60.1
55210	-32.1	189.4	61	-60.1
55220	-32.5	190.0	60	-59.9
55230	-33.0	190.6	60	-59.9
55240	-32.5	191.2	59	-60.1
55250	-32.3	191.8	59	-59.9
55260	-31.7	192.4	58	-59.6
55270	-31.6	193.0	57	-59.6
55280	-31.2	193.6	57	-59.3
55290	-31.2	194.2	56	-59.9
55300	-31.3	194.8	56	-59.9
55310	-31.7	195.4	55	-59.9
55320	-31.9	196.0	54	-59.9
55330	-31.9	196.6	54	-59.9
55340	-31.3	197.2	53	-59.9
55350	-30.8	197.8	53	-59.9
55360	-30.5	198.4	52	-59.6
55370	-30.4	198.9	52	-59.9
55380	-30.4	199.5	51	-59.9
55390	-30.6	200.1	50	-59.6
55400	-30.8	200.7	50	-59.6
55410	-31.1	201.3	49	-59.9
55420	-31.1	201.9	49	-59.3
55430	-30.8	202.5	48	-59.6
55440	-30.4	203.1	47	-59.6
55450	-30.1	203.7	47	-59.3
55460	-29.6	204.3	46	-59.3
55470	-29.2	204.9	46	-59.3
55480	-28.6	205.5	45	-59.6
55490	-28.5	206.1	44	-59.3
55500	-28.1	206.7	44	-59.6
55510	-27.8	207.3	43	-59.6
55520	-27.5	207.9	43	-59.6
55530	-27.5	208.5	42	-59.3
55540	-27.5	209.1	41	-59.3
55550	-27.5	209.7	41	-59.3
55560	-27.8	210.3	40	-59.6

55570	-27.7	210.9	40	-59.3
55580	-27.9	211.5	39	-59.3
55590	-27.8	212.0	38	-59.3
55600	-27.8	212.6	38	-59.6
55610	-27.5	213.2	37	-59.6
55620	-27.5	213.8	37	-59.3
55630	-27.4	214.4	36	-59.3
55640	-27.7	215.0	35	-59.6
55650	-27.7	215.6	35	-59.6
55660	-27.9	216.2	34	-59.6
55670	-28.1	216.8	34	-59.6
55680	-27.8	217.4	33	-59.6
55690	-27.4	218.0	32	-59.3
55700	-26.8	218.6	32	-59.6
55710	-26.6	219.2	31	-59.3
55720	-26.4	219.8	31	-59.1
55730	-26.8	220.4	30	-59.3
55740	-27.0	221.0	29	-59.6
55750	-27.5	221.6	29	-59.6
55760	-27.7	222.2	28	-59.3
55770	-27.8	222.8	28	-59.3
55780	-27.5	223.4	27	-59.3
55790	-27.0	223.9	27	-59.6
55800	-26.7	224.5	26	-59.6
55810	-26.4	225.1	25	-59.3
55820	-26.6	225.7	25	-59.3
55830	-26.0	226.3	24	-59.6
55840	-25.8	226.9	24	-59.6
55850	-25.5	227.5	23	-59.3
55860	-25.6	228.1	22	-59.3
55870	-25.5	228.7	22	-59.3
55880	-25.0	229.3	21	-59.3
55890	-24.5	229.9	21	-59.3
55900	-23.7	230.5	20	-59.3
55910	-23.5	231.1	19	-59.6
55920	-22.8	231.7	19	-59.3
55930	-22.6	232.3	18	-59.3
55940	-22.6	232.9	18	-59.1
55950	-22.5	233.5	17	-59.3
55960	-22.1	234.0	16	-59.6
55970	-21.4	234.6	16	-59.3
55980	-21.0	235.2	15	-59.1
55990	-20.3	235.8	15	-59.1
56000	-20.1	236.4	14	-59.6
56010	-19.4	237.0	13	-59.3
56020	-19.5	237.6	13	-59.1
56030	-19.8	238.2	12	-59.1
56040	-20.1	238.8	12	-59.3
56050	-19.5	239.4	11	-59.6
56060	-19.4	240.0	10	-59.6
56070	-19.3	240.6	10	-59.6
56080	-19.4	241.2	9	-59.3
56090	-19.5	241.8	9	-59.6
56100	-19.3	242.4	8	-59.9

56110	-19.3	243.0	7	-59.3
56120	-19.4	243.6	7	-59.3
56130	-19.8	244.2	6	-59.3
56140	-20.1	244.8	6	-59.6
56150	-20.3	245.3	5	-59.6
56160	-20.3	245.9	5	-59.3
56170	-20.3	246.5	4	-59.3
56180	-19.9	247.1	3	-59.6
56190	-19.9	247.7	3	-59.3
56200	-20.2	248.3	2	-59.3
56210	-20.7	248.9	2	-59.3
56220	-21.3	249.5	1	-59.6
56230	-21.2	250.1	0	-59.6
56240	-21.3	250.7	0	-59.6
56250	-21.3	251.3	-1	-59.6
56260	-21.3	251.9	-1	-59.3
56270	-21.3	252.5	-2	-59.6
56280	-20.7	253.1	-3	-59.6
56290	-21.3	253.7	-3	-59.3
56300	-21.6	254.3	-4	-59.3
56310	-21.7	254.9	-4	-59.3
56320	-20.9	255.5	-5	-59.6
56330	-20.2	256.1	-6	-59.6
56340	-19.7	256.7	-6	-59.3
56350	-19.1	257.2	-7	-59.1
56360	-18.0	257.8	-7	-59.3
56370	-17.5	258.4	-8	-59.3
56380	-17.0	259.0	-9	-59.3
56390	-16.8	259.6	-9	-59.1
56400	-16.4	260.2	-10	-59.3
56410	-15.6	260.8	-10	-59.6
56420	-14.8	261.4	-11	-59.3
56430	-13.7	262.0	-12	-59.1
56440	-12.9	262.6	-12	-59.1
56450	-11.1	263.2	-13	-59.3
56460	-9.9	263.8	-13	-59.3
56470	-9.1	264.4	-14	-59.3
56480	-8.7	265.0	-15	-59.3
56490	-8.3	265.6	-15	-59.3
56500	-7.5	266.2	-16	-59.6
56510	-6.6	266.7	-16	-59.6
56520	-6.0	267.3	-17	-59.3
56530	-5.3	267.9	-17	-59.3
56540	-6.0	268.5	-18	-48.4
56550	-12.9	268.9	-18	-38.0
56560	-19.4	269.3	-19	-31.6
56570	-20.2	269.6	-19	-25.5
56580	-14.9	269.8	-19	-20.2
56590	-6.8	270.0	-20	-15.9
56600	-0.5	270.2	-20	-11.9
56610	0.0	270.3	-20	-9.5
56620	0.0	270.4	-20	-7.9
56630	0.0	270.4	-20	-6.3
56640	0.0	270.5	-20	-6.3

56650	0.0	270.6	-20	-4.7
56660	0.0	270.6	-20	-3.7
56670	0.0	270.6	-20	-2.6
56680	0.4	270.6	-20	-1.8
56690	26.6	270.6	-20	1.0
56700	35.5	270.6	-20	6.6
56710	32.3	270.5	-20	14.9

ISOK_ASSES_FLEX_EXT_180_R_SIDE

05/08

Set #2

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	0.0	259.2	-9	0.0
10	3.9	259.2	-9	0.7
20	6.2	259.1	-9	1.8
30	7.3	259.1	-9	2.9
40	8.8	259.1	-9	4.7
50	10.7	259.0	-9	6.9
60	12.9	258.9	-8	9.3
70	14.4	258.8	-8	12.7
80	14.8	258.7	-8	16.5
90	13.8	258.5	-8	20.2
100	12.7	258.2	-8	23.9
110	12.7	258.0	-8	27.4
120	13.3	257.7	-7	30.6
130	14.5	257.3	-7	34.0
140	15.2	257.0	-7	38.3
150	14.9	256.5	-6	42.3
160	14.2	256.1	-6	46.5
170	13.8	255.6	-5	50.5
180	14.0	255.1	-5	54.3
190	14.9	254.5	-4	58.0
200	15.3	253.9	-3	62.0
210	16.0	253.2	-3	66.5
220	15.7	252.5	-2	70.8
230	15.7	251.8	-1	74.8
240	16.0	251.0	-1	79.0
250	16.1	250.2	0	83.0
260	16.3	249.3	1	86.7
270	16.3	248.4	2	90.7
280	16.7	247.5	3	94.5
290	16.0	246.5	4	97.9
300	15.5	245.5	5	101.6
310	15.2	244.5	6	105.1
320	16.0	243.4	7	108.0
330	16.0	242.3	8	111.5
340	16.3	241.2	9	114.7
350	15.6	240.0	10	117.6
360	14.4	238.8	12	120.3
370	13.6	237.6	13	122.7
380	13.4	236.3	14	124.5
390	14.0	235.1	15	126.1
400	15.1	233.8	17	128.0
410	16.0	232.5	18	129.9
420	15.6	231.2	19	132.3
430	14.4	229.9	21	133.9
440	13.7	228.5	22	135.2
450	14.2	227.1	23	136.5
460	16.1	225.8	25	137.6
470	18.3	224.4	26	139.5
480	19.1	223.0	27	141.8

490	18.7	221.5	29	143.7
500	17.1	220.1	30	145.8
510	16.4	218.6	32	147.2
520	16.7	217.1	33	148.5
530	18.3	215.6	35	149.6
540	21.3	214.1	36	150.9
550	23.2	212.6	38	153.3
560	22.9	211.1	39	156.0
570	22.0	209.5	41	158.4
580	20.5	207.9	43	160.2
590	20.2	206.3	44	161.5
600	21.6	204.6	46	162.9
610	23.3	203.0	47	164.5
620	24.8	201.3	49	166.9
630	24.7	199.6	51	169.0
640	23.3	197.9	53	171.1
650	23.1	196.2	54	173.0
660	23.7	194.5	56	174.9
670	25.0	192.7	58	176.5
680	26.6	190.9	60	177.3
690	28.3	189.2	61	177.5
700	30.5	187.4	63	178.1
710	31.2	185.6	65	178.6
720	31.1	183.8	67	179.1
730	30.6	182.0	68	179.1
740	29.2	180.2	70	179.1
750	29.3	178.4	72	179.4
760	30.2	176.6	74	179.1
770	31.1	174.8	76	179.7
780	31.9	173.0	77	179.7
790	31.6	171.3	79	179.7
800	31.2	169.5	81	179.7
810	30.8	167.7	83	179.7
820	30.9	165.9	85	179.7
830	31.2	164.1	86	179.7
840	31.6	162.3	88	179.4
850	32.5	160.5	90	179.7
860	32.5	158.7	92	179.7
870	31.9	156.9	94	179.7
880	31.2	155.1	95	179.4
890	30.8	153.3	97	179.7
900	31.2	151.5	99	179.7
910	31.6	149.7	101	179.7
920	31.7	147.9	103	179.9
930	31.5	146.1	104	179.9
940	30.6	144.3	106	179.7
950	30.2	142.5	108	179.7
960	30.1	140.7	110	179.4
970	30.1	138.9	112	179.7
980	30.2	137.1	113	179.9
990	30.4	135.3	115	179.9
1000	30.4	133.5	117	179.7
1010	29.7	131.7	119	179.7
1020	28.6	129.9	121	179.7

1030	27.7	128.1	122	179.7
1040	26.2	126.3	124	179.4
1050	25.6	124.5	126	179.7
1060	25.4	122.7	128	179.7
1070	24.8	120.9	130	179.4
1080	24.4	119.1	131	179.7
1090	23.7	117.3	133	179.7
1100	23.3	115.6	135	179.7
1110	22.5	113.8	137	179.4
1120	21.2	112.0	138	179.4
1130	19.7	110.2	140	179.7
1140	18.4	108.4	142	179.4
1150	17.8	106.6	144	179.4
1160	17.0	104.8	146	179.4
1170	15.6	103.0	147	179.4
1180	14.4	101.2	149	179.4
1190	13.0	99.4	151	179.1
1200	11.8	97.6	153	179.1
1210	10.6	95.8	155	179.4
1220	9.4	94.0	156	179.4
1230	8.0	92.2	158	179.4
1240	6.9	90.4	160	179.1
1250	6.1	88.6	162	179.1
1260	5.4	86.8	164	178.9
1270	4.7	85.1	165	178.9
1280	2.8	83.3	167	178.3
1290	-8.5	81.5	169	176.7
1300	-12.1	79.8	171	170.6
1310	-11.5	78.1	172	166.6
1320	-7.5	76.6	174	140.8
1330	3.0	75.2	175	136.8
1340	22.8	74.2	176	97.7
1350	43.8	73.4	177	76.6
1360	43.7	72.7	178	53.5
1370	22.2	72.3	178	44.9
1380	-2.2	71.9	179	32.4
1390	-21.0	71.6	179	21.2
1400	-38.9	71.5	179	17.0
1410	-42.0	71.4	179	6.1
1420	-30.8	71.4	179	-1.8
1430	-22.8	71.4	179	-5.8
1440	-18.0	71.5	179	-10.3
1450	-25.5	71.7	179	-14.6
1460	-38.6	71.9	179	-20.7
1470	-46.1	72.2	178	-33.8
1480	-42.8	72.6	178	-42.0
1490	-33.0	73.2	177	-57.7
1500	-23.3	73.9	177	-73.4
1510	-22.8	74.6	176	-80.9
1520	-31.1	75.4	175	-88.1
1530	-41.9	76.2	174	-97.7
1540	-45.4	77.2	173	-111.0
1550	-39.3	78.3	172	-124.5
1560	-28.5	79.5	171	-124.0

1570	-21.0	80.9	170	-132.3
1580	-21.6	82.2	168	-138.4
1590	-28.2	83.7	167	-145.6
1600	-35.3	85.2	165	-154.1
1610	-37.6	86.8	164	-165.0
1620	-33.9	88.5	162	-175.1
1630	-33.0	90.3	160	-175.9
1640	-38.2	92.1	158	-176.5
1650	-46.6	93.8	157	-177.3
1660	-53.2	95.6	155	-178.6
1670	-55.7	97.4	153	-179.1
1680	-53.3	99.2	151	-179.4
1690	-47.9	101.0	149	-179.1
1700	-43.8	102.8	148	-178.9
1710	-42.7	104.6	146	-179.1
1720	-45.2	106.4	144	-179.4
1730	-49.8	108.2	142	-179.9
1740	-52.7	110.0	140	-180.4
1750	-54.1	111.8	139	-180.2
1760	-53.8	113.6	137	-179.9
1770	-52.3	115.4	135	-179.9
1780	-51.0	117.2	133	-179.9
1790	-50.3	119.0	131	-179.7
1800	-50.2	120.8	130	-179.9
1810	-50.4	122.6	128	-179.7
1820	-51.0	124.4	126	-179.7
1830	-50.9	126.2	124	-180.2
1840	-50.0	128.0	122	-180.2
1850	-49.6	129.8	121	-179.9
1860	-49.6	131.6	119	-179.9
1870	-49.9	133.4	117	-179.9
1880	-50.0	135.2	115	-179.9
1890	-48.8	137.0	113	-179.9
1900	-46.6	138.7	112	-179.7
1910	-44.2	140.5	110	-179.4
1920	-42.3	142.3	108	-179.4
1930	-42.0	144.1	106	-179.4
1940	-41.6	145.9	105	-179.4
1950	-41.4	147.7	103	-179.4
1960	-40.8	149.5	101	-179.1
1970	-39.6	151.3	99	-179.4
1980	-38.0	153.1	97	-179.7
1990	-36.2	154.9	96	-179.4
2000	-34.8	156.7	94	-179.1
2010	-34.3	158.5	92	-179.1
2020	-35.4	160.3	90	-179.4
2030	-36.9	162.1	88	-179.7
2040	-38.0	163.9	87	-179.7
2050	-38.1	165.7	85	-179.7
2060	-37.4	167.5	83	-179.4
2070	-36.2	169.3	81	-179.1
2080	-35.1	171.1	79	-179.4
2090	-34.2	172.9	78	-179.4
2100	-33.9	174.6	76	-179.7

2110	-34.3	176.4	74	-179.7
2120	-35.1	178.2	72	-179.7
2130	-35.9	180.0	70	-179.4
2140	-35.8	181.8	69	-179.9
2150	-35.4	183.6	67	-179.7
2160	-34.4	185.4	65	-179.4
2170	-34.0	187.2	63	-179.1
2180	-33.0	189.0	61	-179.7
2190	-31.9	190.8	60	-179.4
2200	-31.3	192.6	58	-179.4
2210	-31.3	194.4	56	-179.1
2220	-31.3	196.2	54	-179.4
2230	-31.5	198.0	52	-179.9
2240	-30.0	199.8	51	-179.7
2250	-28.1	201.6	49	-179.4
2260	-26.0	203.4	47	-179.4
2270	-24.1	205.2	45	-179.1
2280	-21.6	207.0	43	-179.1
2290	-19.3	208.8	42	-179.1
2300	-17.0	210.5	40	-179.1
2310	-14.9	212.3	38	-178.9
2320	-14.1	214.1	36	-179.1
2330	-14.5	215.9	35	-179.1
2340	-14.9	217.7	33	-179.1
2350	-14.6	219.5	31	-179.4
2360	-14.2	221.3	29	-179.4
2370	-13.8	223.1	27	-179.1
2380	-13.4	224.9	26	-179.4
2390	-13.0	226.7	24	-179.4
2400	-12.3	228.5	22	-179.4
2410	-12.1	230.3	20	-179.1
2420	-12.2	232.1	18	-179.4
2430	-12.6	233.9	17	-179.4
2440	-12.3	235.7	15	-179.4
2450	-10.4	237.4	13	-179.4
2460	-7.9	239.2	11	-179.1
2470	-5.8	241.0	9	-178.9
2480	-4.5	242.8	8	-179.4
2490	-3.5	244.6	6	-179.1
2500	-3.1	246.4	4	-179.1
2510	-2.2	248.2	2	-179.4
2520	-1.4	250.0	0	-179.1
2530	-1.2	251.8	-1	-179.1
2540	-1.4	253.6	-3	-179.1
2550	-1.4	255.4	-5	-178.6
2560	-0.1	257.1	-7	-178.3
2570	7.1	258.9	-8	-176.5
2580	13.2	260.6	-10	-166.3
2590	13.7	262.2	-12	-161.0
2600	10.0	263.8	-13	-156.2
2610	2.8	265.3	-15	-154.9
2620	0.0	266.4	-16	-111.8
2630	-6.6	267.3	-17	-88.3
2640	-21.6	268.1	-18	-63.0

2650	-20.5	268.7	-18	-55.9
2660	-1.5	269.1	-19	-46.8
2670	0.0	269.5	-19	-32.2
2680	17.0	269.7	-19	-21.2
2690	39.7	269.9	-19	-11.1
2700	57.5	269.9	-19	1.5
2710	47.6	269.8	-19	9.3
2720	33.6	269.7	-19	19.1
2730	19.7	269.5	-19	22.8
2740	18.2	269.2	-19	26.3
2750	26.7	268.8	-18	29.8
2760	39.5	268.5	-18	35.1
2770	47.2	268.0	-18	43.6
2780	46.1	267.4	-17	66.5
2790	36.9	266.8	-16	71.6
2800	27.7	266.0	-16	72.6
2810	24.5	265.1	-15	79.8
2820	29.0	264.2	-14	84.1
2830	36.2	263.2	-13	101.1
2840	39.9	262.1	-12	110.4
2850	36.9	260.9	-10	120.8
2860	28.7	259.6	-9	130.4
2870	20.5	258.3	-8	137.6
2880	16.7	256.8	-6	142.9
2890	19.5	255.4	-5	146.9
2900	25.5	253.9	-3	152.2
2910	29.2	252.3	-2	159.2
2920	28.3	250.6	0	166.6
2930	23.2	248.9	2	173.5
2940	17.5	247.2	3	177.8
2950	17.2	245.4	5	178.3
2960	22.0	243.6	7	178.9
2970	28.5	241.8	9	179.4
2980	32.3	240.0	10	179.7
2990	31.7	238.2	12	179.7
3000	27.8	236.4	14	179.7
3010	22.9	234.6	16	179.4
3020	20.3	232.8	18	179.1
3030	20.9	231.0	19	179.1
3040	23.3	229.2	21	179.4
3050	26.6	227.4	23	179.4
3060	29.2	225.6	25	179.9
3070	29.7	223.8	27	179.9
3080	28.2	222.0	28	179.7
3090	25.8	220.2	30	179.7
3100	24.7	218.4	32	179.4
3110	25.2	216.6	34	179.1
3120	27.9	214.9	36	179.7
3130	31.5	213.1	37	179.9
3140	33.6	211.3	39	179.9
3150	33.6	209.5	41	180.2
3160	31.9	207.7	43	179.7
3170	29.7	205.9	45	179.7
3180	28.7	204.1	46	179.4

3190	28.5	202.3	48	179.4
3200	29.2	200.5	50	179.7
3210	29.3	198.7	52	179.7
3220	29.8	196.9	54	179.7
3230	30.8	195.1	55	179.7
3240	30.9	193.3	57	179.7
3250	30.6	191.5	59	179.7
3260	30.2	189.7	61	179.7
3270	30.9	187.9	63	179.4
3280	32.1	186.1	64	179.9
3290	33.0	184.3	66	179.7
3300	33.1	182.5	68	179.9
3310	31.9	180.7	70	179.7
3320	30.6	178.9	72	179.4
3330	30.1	177.1	73	179.4
3340	29.8	175.3	75	179.4
3350	30.1	173.5	77	179.4
3360	29.8	171.7	79	179.4
3370	29.2	169.9	81	179.7
3380	29.7	168.1	82	179.7
3390	30.1	166.3	84	179.7
3400	31.2	164.5	86	179.7
3410	31.9	162.7	88	179.7
3420	33.1	160.9	90	179.7
3430	34.0	159.2	91	179.9
3440	33.9	157.4	93	179.9
3450	34.2	155.6	95	179.9
3460	34.2	153.8	97	179.9
3470	34.7	152.0	98	179.7
3480	35.3	150.2	100	179.9
3490	35.1	148.4	102	179.7
3500	34.7	146.6	104	179.7
3510	33.9	144.8	106	179.7
3520	33.2	143.0	107	179.7
3530	33.1	141.2	109	179.7
3540	33.2	139.4	111	179.7
3550	33.5	137.6	113	179.9
3560	33.9	135.8	115	179.9
3570	34.6	134.0	116	179.9
3580	34.7	132.2	118	179.7
3590	34.0	130.4	120	179.9
3600	33.6	128.6	122	179.7
3610	32.7	126.8	124	179.9
3620	32.1	125.0	125	179.7
3630	32.1	123.2	127	179.7
3640	31.1	121.4	129	179.7
3650	29.6	119.6	131	179.9
3660	28.2	117.8	133	179.7
3670	27.5	116.0	134	179.7
3680	26.8	114.2	136	179.7
3690	25.9	112.4	138	179.4
3700	24.8	110.6	140	179.4
3710	23.2	108.8	142	179.4
3720	21.7	107.0	143	179.4

3730	20.7	105.2	145	179.7
3740	19.3	103.4	147	179.4
3750	17.9	101.6	149	179.4
3760	16.5	99.8	151	179.4
3770	15.2	98.0	152	179.4
3780	13.7	96.2	154	179.4
3790	11.8	94.5	156	179.1
3800	9.8	92.7	158	179.4
3810	7.6	90.9	160	179.1
3820	6.4	89.1	161	179.4
3830	5.7	87.3	163	179.1
3840	5.0	85.5	165	179.1
3850	4.2	83.7	167	178.6
3860	-3.0	81.9	169	178.1
3870	-7.9	80.2	170	174.3
3880	-10.0	78.5	172	170.3
3890	-8.0	76.8	174	181.2
3900	3.3	75.4	175	134.1
3910	27.7	74.3	176	93.1
3920	54.5	73.5	177	81.7
3930	56.7	72.7	178	69.7
3940	37.2	72.3	178	47.6
3950	8.9	71.9	179	34.0
3960	-4.5	71.6	179	25.2
3970	-16.5	71.4	179	15.9
3980	-22.2	71.3	179	11.7
3990	-18.2	71.2	179	3.9
4000	-8.4	71.2	179	-0.5
4010	-7.9	71.2	179	-0.7
4020	-15.2	71.3	179	-4.2
4030	-30.0	71.4	179	-8.2
4040	-38.9	71.5	179	-16.2
4050	-39.5	71.8	179	-25.8
4060	-33.5	72.1	178	-35.1
4070	-26.6	72.6	178	-43.1
4080	-24.8	73.1	177	-49.2
4090	-31.7	73.7	177	-68.1
4100	-40.3	74.4	176	-70.5
4110	-44.5	75.2	175	-73.4
4120	-41.5	76.1	174	-83.8
4130	-32.7	77.1	173	-93.9
4140	-23.7	78.3	172	-112.8
4150	-22.0	79.4	171	-119.5
4160	-25.9	80.7	170	-126.4
4170	-30.8	82.0	168	-133.9
4180	-32.8	83.4	167	-143.4
4190	-30.5	84.9	166	-152.5
4200	-27.1	86.5	164	-161.8
4210	-26.8	88.2	162	-170.3
4220	-31.9	89.9	161	-175.7
4230	-41.6	91.7	159	-177.0
4240	-50.3	93.5	157	-178.1
4250	-54.9	95.3	155	-178.9
4260	-54.6	97.1	153	-179.7

4270	-50.4	98.9	152	-179.4
4280	-47.6	100.7	150	-179.1
4290	-47.7	102.5	148	-179.4
4300	-50.6	104.2	146	-179.7
4310	-54.9	106.0	144	-179.9
4320	-57.6	107.8	143	-180.2
4330	-57.6	109.7	141	-180.4
4340	-55.9	111.5	139	-179.9
4350	-54.4	113.3	137	-179.7
4360	-53.7	115.1	135	-179.7
4370	-53.8	116.8	134	-179.9
4380	-54.5	118.6	132	-179.9
4390	-54.5	120.4	130	-179.9
4400	-53.6	122.2	128	-179.9
4410	-52.7	124.0	126	-179.7
4420	-51.4	125.8	125	-179.9
4430	-49.8	127.6	123	-179.7
4440	-48.5	129.4	121	-179.7
4450	-48.0	131.2	119	-179.4
4460	-48.1	133.0	117	-179.4
4470	-48.3	134.8	116	-179.7
4480	-47.7	136.6	114	-179.9
4490	-46.9	138.4	112	-179.7
4500	-46.0	140.2	110	-179.4
4510	-45.0	142.0	108	-179.9
4520	-45.3	143.8	107	-179.9
4530	-45.6	145.6	105	-179.7
4540	-45.0	147.4	103	-179.7
4550	-45.2	149.2	101	-179.1
4560	-44.7	151.0	99	-179.7
4570	-43.8	152.8	98	-179.7
4580	-42.7	154.6	96	-179.7
4590	-41.4	156.4	94	-179.4
4600	-40.5	158.2	92	-179.1
4610	-40.7	160.0	90	-179.4
4620	-41.8	161.8	89	-179.4
4630	-42.2	163.6	87	-179.7
4640	-41.9	165.4	85	-179.9
4650	-41.2	167.2	83	-179.4
4660	-40.1	169.0	81	-179.1
4670	-39.1	170.7	80	-179.4
4680	-38.2	172.5	78	-179.7
4690	-38.2	174.3	76	-179.7
4700	-38.6	176.1	74	-179.4
4710	-39.3	177.9	73	-179.7
4720	-39.9	179.7	71	-179.9
4730	-39.9	181.5	69	-179.9
4740	-39.1	183.3	67	-179.7
4750	-38.6	185.1	65	-179.4
4760	-38.1	186.9	64	-179.4
4770	-37.0	188.7	62	-179.7
4780	-35.8	190.5	60	-179.4
4790	-35.4	192.3	58	-179.4
4800	-35.3	194.1	56	-179.4

4810	-35.8	195.9	55	-179.7
4820	-36.2	197.7	53	-179.7
4830	-35.4	199.5	51	-179.7
4840	-33.8	201.3	49	-179.4
4850	-32.8	203.1	47	-179.4
4860	-32.0	204.9	46	-179.1
4870	-30.8	206.7	44	-179.4
4880	-29.8	208.5	42	-179.7
4890	-28.6	210.3	40	-179.4
4900	-27.4	212.0	38	-179.1
4910	-27.1	213.8	37	-179.4
4920	-27.3	215.6	35	-179.1
4930	-27.0	217.4	33	-179.4
4940	-26.3	219.2	31	-179.4
4950	-25.2	221.0	29	-178.9
4960	-24.3	222.8	28	-179.1
4970	-23.1	224.6	26	-179.4
4980	-21.7	226.4	24	-179.1
4990	-20.2	228.2	22	-179.1
5000	-17.9	230.0	20	-178.9
5010	-16.4	231.8	19	-179.4
5020	-15.7	233.6	17	-179.1
5030	-15.6	235.4	15	-179.4
5040	-14.6	237.1	13	-179.4
5050	-13.2	238.9	12	-179.1
5060	-12.6	240.7	10	-179.1
5070	-12.1	242.5	8	-179.4
5080	-11.4	244.3	6	-179.1
5090	-10.7	246.1	4	-179.1
5100	-9.2	247.9	3	-179.1
5110	-7.2	249.7	1	-179.1
5120	-6.1	251.5	-1	-179.1
5130	-4.9	253.3	-3	-179.4
5140	-3.7	255.1	-5	-179.1
5150	-1.2	256.9	-6	-179.4
5160	-0.5	258.7	-8	-179.4
5170	0.0	260.4	-10	-178.9
5180	0.0	262.2	-12	-178.6
5190	0.0	263.9	-13	-160.5
5200	0.0	265.6	-15	-141.8
5210	0.0	266.9	-16	-119.0
5220	-18.6	267.9	-17	-81.4
5230	-43.0	268.6	-18	-70.5
5240	-44.2	269.2	-19	-58.5
5250	-22.9	269.6	-19	-39.4
5260	0.0	269.9	-19	-29.5
5270	19.0	270.1	-20	-18.9
5280	43.4	270.2	-20	-8.2
5290	55.2	270.2	-20	1.8
5300	46.0	270.2	-20	10.9
5310	28.2	269.9	-19	20.7
5320	14.6	269.7	-19	27.4
5330	12.5	269.3	-19	37.2
5340	22.9	269.0	-19	40.9

5350	36.5	268.5	-18	47.9
5360	46.0	268.0	-18	58.0
5370	46.9	267.5	-17	63.8
5380	38.6	266.7	-16	67.8
5390	28.3	265.9	-15	92.9
5400	25.0	265.0	-15	99.8
5410	28.9	264.0	-14	105.9
5420	35.7	263.0	-13	103.5
5430	39.5	261.9	-11	112.8
5440	37.0	260.7	-10	123.2
5450	29.7	259.4	-9	132.5
5460	21.8	258.0	-8	140.2
5470	16.7	256.6	-6	145.6
5480	18.4	255.1	-5	150.1
5490	23.5	253.5	-3	154.9
5500	28.5	251.9	-1	161.5
5510	29.2	250.3	0	168.7
5520	25.9	248.5	2	175.7
5530	22.1	246.7	4	178.6
5540	22.4	244.9	6	178.9
5550	26.3	243.1	7	179.4
5560	31.1	241.4	9	179.7
5570	34.2	239.6	11	179.9
5580	34.3	237.8	13	179.9
5590	32.0	236.0	14	179.7
5600	28.5	234.2	16	179.4
5610	26.7	232.4	18	179.1
5620	26.8	230.6	20	179.4
5630	28.2	228.8	22	179.4
5640	30.1	227.0	23	179.4
5650	31.3	225.2	25	179.7
5660	31.6	223.4	27	179.7
5670	29.7	221.6	29	179.7
5680	27.8	219.8	31	179.4
5690	26.6	218.0	32	179.1
5700	26.6	216.2	34	179.4
5710	28.7	214.4	36	179.7
5720	30.8	212.6	38	179.7
5730	31.6	210.8	40	179.7
5740	31.6	209.0	41	179.9
5750	30.2	207.2	43	179.7
5760	29.3	205.4	45	179.7
5770	28.6	203.6	47	179.4
5780	28.7	201.8	49	179.7
5790	29.6	200.0	50	179.7
5800	30.0	198.2	52	179.7
5810	30.9	196.4	54	179.7
5820	31.2	194.7	56	179.7
5830	30.9	192.9	58	179.7
5840	30.4	191.1	59	179.7
5850	29.7	189.3	61	179.7
5860	30.5	187.5	63	179.7
5870	31.6	185.7	65	179.4
5880	33.0	183.9	67	179.7

5890	33.5	182.1	68	179.9
5900	32.1	180.3	70	179.4
5910	30.8	178.5	72	179.7
5920	29.8	176.7	74	179.7
5930	28.9	174.9	76	179.4
5940	28.9	173.1	77	179.7
5950	28.9	171.3	79	179.4
5960	29.6	169.5	81	179.9
5970	30.4	167.7	83	179.7
5980	30.9	165.9	85	179.7
5990	31.1	164.1	86	179.9
6000	30.8	162.3	88	179.7
6010	31.1	160.5	90	179.7
6020	30.9	158.7	92	179.9
6030	31.3	156.9	94	179.9
6040	32.5	155.1	95	179.9
6050	33.8	153.3	97	179.9
6060	35.4	151.5	99	180.2
6070	35.9	149.7	101	180.2
6080	35.9	147.9	103	180.2
6090	35.5	146.1	104	179.9
6100	35.4	144.3	106	179.9
6110	36.2	142.5	108	179.7
6120	36.9	140.7	110	179.9
6130	37.7	138.9	112	179.9
6140	37.8	137.1	113	179.9
6150	38.0	135.3	115	179.9
6160	38.1	133.5	117	179.9
6170	37.4	131.7	119	179.9
6180	37.0	129.9	121	179.9
6190	37.4	128.1	122	179.7
6200	37.6	126.3	124	179.9
6210	38.5	124.5	126	180.2
6220	38.6	122.7	128	179.9
6230	37.8	120.9	130	180.2
6240	37.0	119.1	131	179.9
6250	36.6	117.3	133	179.9
6260	37.0	115.5	135	179.9
6270	36.9	113.7	137	179.9
6280	35.8	111.9	139	179.9
6290	34.0	110.1	140	179.7
6300	31.9	108.3	142	179.4
6310	30.5	106.5	144	179.4
6320	30.0	104.7	146	179.4
6330	28.9	103.0	147	179.4
6340	27.7	101.2	149	179.4
6350	25.6	99.4	151	179.4
6360	24.0	97.6	153	179.1
6370	22.1	95.8	155	179.4
6380	19.9	94.0	156	179.4
6390	17.4	92.2	158	179.1
6400	14.9	90.4	160	179.1
6410	13.0	88.6	162	179.1
6420	11.3	86.8	164	179.4

6430	9.1	85.0	165	179.4
6440	6.0	83.2	167	179.1
6450	3.8	81.4	169	179.1
6460	3.1	79.6	171	179.1
6470	2.2	77.9	173	178.6
6480	-1.8	76.2	174	167.4
6490	3.1	74.9	176	113.4
6500	25.2	73.8	177	96.6
6510	50.6	73.0	177	66.8
6520	52.7	72.4	178	56.7
6530	31.2	72.0	178	41.2
6540	3.5	71.6	179	25.8
6550	-10.4	71.4	179	20.4
6560	-25.6	71.3	179	14.6
6570	-25.2	71.2	179	5.8
6580	-16.3	71.2	179	-1.0
6590	-6.6	71.2	179	-3.7
6600	-2.8	71.3	179	-6.1
6610	-10.7	71.3	179	-8.2
6620	-26.0	71.4	179	-13.5
6630	-35.8	71.6	179	-22.3
6640	-36.3	71.9	179	-29.8
6650	-30.2	72.3	178	-44.1
6660	-24.0	72.8	178	-53.2
6670	-23.6	73.3	177	-60.6
6680	-30.0	73.9	177	-61.7
6690	-39.6	74.5	176	-63.3
6700	-44.1	75.4	175	-89.1
6710	-41.8	76.3	174	-101.9
6720	-33.0	77.3	173	-114.2
6730	-25.2	78.4	172	-112.8
6740	-22.4	79.6	171	-119.8
6750	-26.0	80.8	170	-126.9
6760	-31.7	82.2	168	-134.4
6770	-35.3	83.6	167	-144.2
6780	-34.7	85.1	165	-154.6
6790	-31.7	86.7	164	-165.0
6800	-30.8	88.4	162	-174.6
6810	-36.3	90.2	160	-176.2
6820	-45.4	92.0	158	-177.3
6830	-53.6	93.8	157	-179.1
6840	-58.0	95.6	155	-179.4
6850	-57.8	97.3	153	-179.7
6860	-53.8	99.1	151	-179.7
6870	-49.6	100.9	150	-179.4
6880	-48.7	102.7	148	-179.1
6890	-51.3	104.5	146	-179.4
6900	-55.6	106.3	144	-179.9
6910	-59.3	108.1	142	-180.4
6920	-59.7	109.9	141	-180.4
6930	-58.4	111.7	139	-180.2
6940	-56.4	113.5	137	-179.7
6950	-54.8	115.3	135	-179.7
6960	-54.0	117.1	133	-179.7

6970	-53.2	118.9	132	-179.7
6980	-52.1	120.7	130	-179.7
6990	-50.6	122.5	128	-179.7
7000	-49.5	124.3	126	-179.4
7010	-48.5	126.1	124	-179.9
7020	-47.7	127.9	123	-179.7
7030	-47.7	129.7	121	-179.4
7040	-47.9	131.5	119	-179.4
7050	-48.1	133.3	117	-179.4
7060	-47.9	135.1	115	-179.7
7070	-46.6	136.9	114	-179.9
7080	-45.6	138.7	112	-179.4
7090	-44.7	140.5	110	-179.4
7100	-44.7	142.3	108	-179.4
7110	-45.7	144.1	106	-179.7
7120	-46.0	145.9	105	-179.7
7130	-46.0	147.7	103	-179.7
7140	-45.6	149.5	101	-179.4
7150	-44.7	151.2	99	-179.7
7160	-43.4	153.0	97	-179.7
7170	-42.2	154.8	96	-179.7
7180	-41.0	156.6	94	-179.4
7190	-40.4	158.4	92	-179.1
7200	-40.8	160.2	90	-179.4
7210	-41.8	162.0	88	-179.4
7220	-42.2	163.8	87	-179.9
7230	-42.4	165.6	85	-179.9
7240	-42.4	167.4	83	-179.1
7250	-42.2	169.2	81	-179.1
7260	-41.4	171.0	79	-179.7
7270	-40.0	172.8	78	-179.7
7280	-38.4	174.6	76	-179.7
7290	-38.2	176.4	74	-179.7
7300	-38.9	178.2	72	-179.7
7310	-39.9	180.0	70	-179.7
7320	-40.4	181.8	69	-179.9
7330	-40.4	183.6	67	-179.7
7340	-40.1	185.4	65	-179.4
7350	-39.7	187.2	63	-179.1
7360	-38.5	189.0	61	-179.7
7370	-36.6	190.8	60	-179.7
7380	-35.1	192.6	58	-179.7
7390	-34.4	194.3	56	-178.9
7400	-34.6	196.1	54	-179.4
7410	-35.1	197.9	53	-179.7
7420	-34.8	199.7	51	-179.7
7430	-34.0	201.5	49	-179.4
7440	-33.2	203.3	47	-179.4
7450	-32.0	205.1	45	-179.1
7460	-30.0	206.9	44	-179.4
7470	-28.3	208.7	42	-179.1
7480	-27.1	210.5	40	-179.1
7490	-27.0	212.3	38	-178.9
7500	-28.2	214.1	36	-179.4

7510	-29.7	215.9	35	-179.4
7520	-30.2	217.7	33	-179.7
7530	-29.6	219.5	31	-179.4
7540	-27.8	221.3	29	-179.1
7550	-25.8	223.1	27	-179.1
7560	-24.1	224.8	26	-179.4
7570	-22.6	226.6	24	-179.1
7580	-21.6	228.4	22	-179.1
7590	-20.9	230.2	20	-179.1
7600	-20.6	232.0	18	-179.4
7610	-21.6	233.8	17	-179.1
7620	-21.6	235.6	15	-179.4
7630	-19.9	237.4	13	-179.4
7640	-17.9	239.2	11	-178.9
7650	-16.1	241.0	9	-178.9
7660	-15.2	242.8	8	-179.1
7670	-13.7	244.6	6	-179.1
7680	-11.8	246.4	4	-179.1
7690	-9.6	248.1	2	-178.9
7700	-7.6	249.9	1	-179.1
7710	-6.6	251.7	-1	-178.9
7720	-5.2	253.5	-3	-179.7
7730	-2.8	255.3	-5	-179.1
7740	-1.2	257.1	-7	-179.1
7750	-0.5	258.9	-8	-179.1
7760	0.0	260.7	-10	-178.9
7770	0.0	262.5	-12	-178.3
7780	2.3	264.2	-14	-160.0
7790	2.2	265.8	-15	-134.1
7800	0.0	267.0	-17	-113.9
7810	-21.8	268.0	-18	-86.5
7820	-46.8	268.6	-18	-67.8
7830	-50.4	269.2	-19	-51.6
7840	-27.4	269.6	-19	-33.8
7850	0.0	269.9	-19	-28.2
7860	9.4	270.1	-20	-18.3
7870	33.9	270.2	-20	-8.5
7880	50.0	270.2	-20	2.3
7890	41.9	270.1	-20	11.1
7900	26.2	270.0	-20	22.6
7910	15.6	269.7	-19	26.8
7920	13.4	269.4	-19	27.4
7930	23.5	269.1	-19	30.3
7940	34.8	268.7	-18	39.1
7950	42.7	268.2	-18	52.1
7960	42.8	267.7	-17	57.5
7970	36.1	267.1	-17	60.6
7980	28.1	266.3	-16	83.5
7990	24.7	265.5	-15	81.9
8000	25.9	264.7	-14	78.8
8010	31.7	263.7	-13	93.9
8020	35.3	262.7	-12	102.2
8030	34.2	261.6	-11	111.2
8040	29.3	260.4	-10	120.3

8050	23.1	259.2	-9	127.5
8060	19.4	257.8	-7	133.3
8070	19.9	256.5	-6	138.4
8080	24.3	255.0	-5	144.0
8090	28.1	253.6	-3	150.4
8100	28.9	252.0	-2	158.1
8110	25.9	250.4	0	165.5
8120	21.3	248.7	2	171.7
8130	18.2	246.9	4	176.7
8140	19.1	245.1	5	178.9
8150	24.4	243.3	7	179.1
8160	31.1	241.5	9	179.9
8170	35.0	239.7	11	180.2
8180	35.0	237.9	13	180.2
8190	32.0	236.1	14	179.9
8200	27.7	234.3	16	179.4
8210	25.4	232.5	18	179.1
8220	25.4	230.7	20	179.1
8230	27.3	228.9	22	179.4
8240	30.1	227.2	23	179.4
8250	32.4	225.4	25	179.7
8260	33.2	223.6	27	179.9
8270	31.6	221.8	29	179.7
8280	28.7	220.0	30	179.4
8290	27.7	218.2	32	179.4
8300	27.9	216.4	34	179.1
8310	30.4	214.6	36	179.7
8320	33.1	212.8	38	179.9
8330	33.6	211.0	39	179.9
8340	33.0	209.2	41	180.2
8350	31.6	207.4	43	179.4
8360	30.2	205.6	45	179.4
8370	29.7	203.8	47	179.4
8380	30.2	202.0	48	179.4
8390	31.1	200.2	50	179.4
8400	31.3	198.4	52	179.4
8410	31.3	196.6	54	179.4
8420	30.5	194.8	56	179.7
8430	29.7	193.0	57	179.4
8440	29.0	191.2	59	179.7
8450	29.2	189.4	61	179.7
8460	30.8	187.6	63	179.7
8470	33.1	185.8	65	179.7
8480	34.7	184.0	66	179.7
8490	35.4	182.2	68	179.9
8500	34.4	180.4	70	179.7
8510	32.8	178.6	72	179.7
8520	31.7	176.8	74	179.7
8530	31.2	175.1	75	179.9
8540	31.7	173.3	77	179.4
8550	32.0	171.5	79	179.7
8560	32.5	169.7	81	179.7
8570	32.8	167.9	83	179.4
8580	32.7	166.1	84	179.7

8590	32.5	164.3	86	179.7
8600	32.7	162.5	88	179.7
8610	33.5	160.7	90	179.7
8620	33.8	158.9	92	179.9
8630	33.4	157.1	93	179.9
8640	34.0	155.3	95	179.9
8650	34.8	153.5	97	179.7
8660	36.3	151.7	99	179.9
8670	37.2	149.9	101	179.9
8680	37.6	148.1	102	180.2
8690	37.4	146.3	104	180.2
8700	37.3	144.5	106	180.2
8710	37.6	142.7	108	179.9
8720	37.7	140.9	110	179.9
8730	37.8	139.1	111	179.7
8740	38.0	137.3	113	179.9
8750	38.5	135.5	115	179.7
8760	39.6	133.7	117	179.9
8770	40.0	131.9	119	179.9
8780	40.4	130.1	120	179.9
8790	41.0	128.3	122	179.9
8800	41.1	126.5	124	180.2
8810	41.5	124.7	126	180.2
8820	41.5	122.9	128	179.9
8830	41.1	121.1	129	179.9
8840	40.4	119.3	131	180.2
8850	39.3	117.5	133	179.9
8860	38.8	115.7	135	179.7
8870	38.4	113.9	137	179.9
8880	37.7	112.1	138	179.9
8890	37.0	110.3	140	179.9
8900	36.5	108.5	142	179.7
8910	36.2	106.7	144	179.9
8920	35.9	104.9	146	179.7
8930	35.0	103.1	147	179.9
8940	33.8	101.3	149	179.7
8950	32.1	99.5	151	179.7
8960	30.9	97.7	153	179.4
8970	29.7	95.9	155	179.7
8980	28.2	94.1	156	179.7
8990	26.8	92.3	158	179.7
9000	25.8	90.5	160	179.1
9010	25.1	88.7	162	179.4
9020	24.8	86.9	164	179.4
9030	24.0	85.1	165	179.4
9040	22.0	83.3	167	179.7
9050	19.0	81.6	169	179.4
9060	16.3	79.8	171	179.1
9070	13.7	78.0	172	179.1
9080	14.0	76.3	174	170.9
9090	33.0	74.9	176	117.6
9100	57.1	73.8	177	100.0
9110	66.2	73.0	177	68.6
9120	54.0	72.4	178	56.9

9130	28.9	71.9	179	40.7
9140	2.8	71.6	179	28.4
9150	-3.0	71.4	179	18.1
9160	-7.1	71.2	179	15.1
9170	-11.9	71.1	179	10.6
9180	-14.5	71.1	179	5.8
9190	-12.3	71.0	179	1.5
9200	-10.6	71.0	179	-1.0
9210	-15.6	71.1	179	-3.7
9220	-22.9	71.1	179	-9.0
9230	-25.5	71.3	179	-16.2
9240	-25.5	71.5	179	-23.9
9250	-25.0	71.7	179	-31.9
9260	-25.6	72.1	178	-39.4
9270	-27.8	72.5	178	-42.5
9280	-32.3	72.9	178	-45.2
9290	-36.9	73.5	177	-65.2
9300	-38.6	74.2	176	-69.2
9310	-36.2	74.9	176	-71.6
9320	-30.5	75.8	175	-79.8
9330	-24.7	76.8	174	-87.3
9340	-21.8	77.8	173	-104.0
9350	-22.4	78.9	172	-109.9
9360	-25.6	80.1	170	-116.8
9370	-28.7	81.3	169	-124.3
9380	-29.4	82.6	168	-132.8
9390	-28.7	84.0	166	-141.3
9400	-28.6	85.5	165	-150.4
9410	-30.2	87.0	163	-158.9
9420	-32.3	88.7	162	-168.5
9430	-34.7	90.4	160	-176.2
9440	-38.4	92.2	158	-177.0
9450	-42.6	94.0	156	-177.5
9460	-45.8	95.8	155	-178.3
9470	-48.1	97.6	153	-178.9
9480	-48.5	99.4	151	-179.7
9490	-48.7	101.2	149	-179.7
9500	-49.6	102.9	148	-179.4
9510	-51.0	104.7	146	-179.7
9520	-52.6	106.5	144	-179.9
9530	-53.0	108.3	142	-180.2
9540	-51.5	110.1	140	-179.9
9550	-49.6	111.9	139	-179.7
9560	-48.5	113.7	137	-179.4
9570	-48.3	115.5	135	-179.7
9580	-49.0	117.3	133	-179.9
9590	-49.8	119.1	131	-179.9
9600	-50.4	120.9	130	-179.9
9610	-50.2	122.7	128	-179.9
9620	-49.4	124.5	126	-179.9
9630	-48.3	126.3	124	-179.9
9640	-46.2	128.1	122	-179.9
9650	-44.9	129.9	121	-179.4
9660	-44.3	131.7	119	-179.7

9670	-45.2	133.5	117	-179.7
9680	-46.0	135.3	115	-179.9
9690	-46.4	137.1	113	-179.9
9700	-46.4	138.9	112	-179.7
9710	-45.8	140.7	110	-179.7
9720	-44.9	142.5	108	-179.9
9730	-44.2	144.3	106	-179.9
9740	-43.1	146.1	104	-179.7
9750	-43.1	147.9	103	-179.7
9760	-43.7	149.7	101	-179.7
9770	-44.6	151.5	99	-179.7
9780	-45.0	153.3	97	-179.9
9790	-44.3	155.1	95	-179.9
9800	-42.8	156.9	94	-179.7
9810	-41.1	158.7	92	-179.4
9820	-41.0	160.5	90	-179.7
9830	-41.2	162.3	88	-179.7
9840	-41.4	164.1	86	-179.7
9850	-41.5	165.9	85	-179.9
9860	-41.4	167.7	83	-179.1
9870	-41.2	169.5	81	-179.4
9880	-40.5	171.3	79	-179.7
9890	-39.1	173.1	77	-179.7
9900	-38.0	174.9	76	-179.4
9910	-36.9	176.7	74	-179.7
9920	-36.5	178.4	72	-179.4
9930	-36.9	180.2	70	-179.4
9940	-37.2	182.0	68	-179.7
9950	-37.3	183.8	67	-179.7
9960	-37.3	185.6	65	-179.4
9970	-37.2	187.4	63	-178.9
9980	-35.5	189.2	61	-179.7
9990	-33.4	191.0	59	-179.1
10000	-31.7	192.8	58	-179.4
10010	-30.9	194.6	56	-178.9
10020	-30.8	196.4	54	-179.4
10030	-31.2	198.2	52	-179.4
10040	-30.1	200.0	50	-179.4
10050	-28.9	201.8	49	-179.1
10060	-27.3	203.6	47	-179.1
10070	-25.4	205.4	45	-179.1
10080	-23.3	207.1	43	-179.1
10090	-21.3	208.9	42	-179.1
10100	-19.9	210.7	40	-179.1
10110	-19.7	212.5	38	-178.9
10120	-20.5	214.3	36	-179.4
10130	-21.6	216.1	34	-179.9
10140	-22.0	217.9	33	-179.7
10150	-22.1	219.7	31	-179.4
10160	-22.1	221.5	29	-179.7
10170	-22.1	223.3	27	-179.1
10180	-21.6	225.1	25	-179.4
10190	-20.7	226.9	24	-179.4
10200	-19.7	228.7	22	-179.1

10210	-18.7	230.5	20	-179.1
10220	-18.2	232.3	18	-179.4
10230	-18.8	234.1	16	-179.4
10240	-19.0	235.9	15	-179.4
10250	-18.4	237.6	13	-179.4
10260	-17.5	239.4	11	-179.1
10270	-16.5	241.2	9	-179.1
10280	-14.8	243.0	7	-179.4
10290	-13.2	244.8	6	-179.1
10300	-11.5	246.6	4	-179.1
10310	-9.4	248.4	2	-179.1
10320	-7.7	250.2	0	-179.1
10330	-6.9	252.0	-2	-179.1
10340	-5.6	253.8	-3	-179.1
10350	-3.4	255.6	-5	-179.1
10360	-1.5	257.4	-7	-178.9
10370	-0.4	259.2	-9	-179.7
10380	0.0	260.9	-10	-178.9
10390	0.0	262.7	-12	-178.3
10400	0.0	264.4	-14	-160.2
10410	0.0	266.0	-16	-131.5
10420	-4.9	267.2	-17	-109.4
10430	-35.1	268.1	-18	-75.6
10440	-51.5	268.8	-18	-65.4
10450	-46.2	269.4	-19	-54.0
10460	-22.2	269.7	-19	-35.6
10470	0.0	270.0	-20	-26.3
10480	0.0	270.2	-20	-16.7
10490	14.0	270.3	-20	-9.0
10500	24.3	270.3	-20	-1.0
10510	34.2	270.3	-20	5.0
10520	26.2	270.2	-20	14.1
10530	20.9	270.0	-20	21.0
10540	19.1	269.8	-19	25.8
10550	24.5	269.5	-19	27.4
10560	29.0	269.2	-19	29.0
10570	32.7	268.9	-18	34.3
10580	33.2	268.4	-18	40.9
10590	33.0	267.9	-17	58.5
10600	30.5	267.3	-17	60.4
10610	28.1	266.7	-16	68.1
10620	27.5	265.9	-15	67.3
10630	29.4	265.1	-15	73.2
10640	31.6	264.3	-14	79.8
10650	31.5	263.3	-13	96.9
10660	28.7	262.2	-12	104.8
10670	24.7	261.1	-11	112.3
10680	22.2	260.0	-10	118.7
10690	21.7	258.7	-8	124.3
10700	22.9	257.5	-7	129.6
10710	24.1	256.1	-6	135.7
10720	24.7	254.7	-4	142.4
10730	23.2	253.2	-3	148.5
10740	20.6	251.7	-1	154.4

10750	18.4	250.1	0	159.4
10760	17.9	248.5	2	163.7
10770	18.7	246.8	4	167.7
10780	20.9	245.1	5	171.9
10790	23.2	243.4	7	176.5
10800	25.2	241.6	9	179.1
10810	27.4	239.8	11	179.4
10820	28.7	238.0	12	179.4
10830	29.0	236.2	14	179.7
10840	28.7	234.4	16	179.7
10850	28.5	232.6	18	179.7
10860	28.6	230.8	20	179.4
10870	28.5	229.0	21	179.1
10880	28.5	227.2	23	179.4
10890	28.9	225.4	25	179.4
10900	29.4	223.6	27	179.7
10910	30.0	221.8	29	179.7
10920	30.5	220.0	30	179.7
10930	30.9	218.2	32	179.7
10940	30.5	216.4	34	179.4
10950	30.6	214.6	36	179.7
10960	30.6	212.8	38	179.7
10970	30.5	211.1	39	179.4
10980	30.5	209.3	41	179.4
10990	31.3	207.5	43	179.7
11000	32.0	205.7	45	179.4
11010	32.4	203.9	47	179.7
11020	32.5	202.1	48	179.7
11030	32.0	200.3	50	179.7
11040	30.9	198.5	52	179.7
11050	30.8	196.7	54	179.7
11060	31.3	194.9	56	179.4
11070	32.0	193.1	57	179.7
11080	32.8	191.3	59	179.7
11090	33.0	189.5	61	179.4
11100	33.8	187.7	63	179.4
11110	33.9	185.9	65	179.7
11120	33.5	184.1	66	179.7
11130	33.2	182.3	68	179.4
11140	32.4	180.5	70	179.7
11150	32.1	178.7	72	179.4
11160	32.7	176.9	74	179.4
11170	32.7	175.1	75	179.7
11180	32.4	173.3	77	179.4
11190	30.6	171.5	79	179.7
11200	28.7	169.7	81	179.4
11210	26.4	167.9	83	179.1
11220	25.1	166.2	84	179.7
11230	24.5	164.4	86	179.4
11240	24.8	162.6	88	179.4
11250	26.6	160.8	90	179.4
11260	27.7	159.0	91	179.7
11270	27.7	157.2	93	179.9
11280	27.9	155.4	95	179.7

11290	28.1	153.6	97	179.7
11300	28.6	151.8	99	179.7
11310	29.0	150.0	100	179.7
11320	29.2	148.2	102	179.9
11330	29.3	146.4	104	179.9
11340	29.4	144.6	106	179.9
11350	29.7	142.8	108	179.9
11360	29.7	141.0	109	179.7
11370	29.3	139.2	111	179.9
11380	28.9	137.4	113	179.9
11390	28.6	135.6	115	179.9
11400	29.0	133.8	117	179.7
11410	28.9	132.0	118	179.7
11420	28.7	130.2	120	179.9
11430	28.3	128.4	122	179.9
11440	27.0	126.6	124	179.7
11450	25.5	124.8	126	179.7
11460	24.5	123.0	127	179.9
11470	23.6	121.2	129	179.4
11480	22.8	119.4	131	179.7
11490	22.0	117.6	133	179.7
11500	20.7	115.8	135	179.9
11510	18.8	114.0	136	179.7
11520	15.3	112.2	138	179.4
11530	12.2	110.4	140	179.4
11540	11.5	108.7	142	179.1
11550	11.0	106.9	144	179.1
11560	9.8	105.1	145	178.3
11570	-14.0	103.3	147	177.3
11580	-20.1	101.6	149	171.7
11590	-19.3	99.9	151	167.7
11600	-13.2	98.2	152	163.7
11610	-6.8	96.6	154	161.5
11620	6.9	95.0	155	160.7
11630	-7.9	93.4	157	160.2
11640	-12.3	91.8	159	158.1
11650	-13.3	90.3	160	154.9
11660	-9.2	88.7	162	151.4
11670	3.8	87.2	163	149.6
11680	5.4	85.7	165	149.3
11690	4.6	84.2	166	149.3
11700	4.2	82.8	168	148.8
11710	3.3	81.3	169	148.8
11720	3.1	79.8	171	148.5
11730	3.0	78.3	172	148.0
11740	2.6	76.8	174	160.2
11750	7.9	75.6	175	120.5
11760	38.0	74.5	176	107.0
11770	54.8	73.8	177	79.3
11780	55.3	73.1	177	63.6
11790	39.6	72.5	178	54.5
11800	19.0	72.1	178	37.8
11810	3.3	71.8	179	28.4
11820	-1.1	71.6	179	22.0

11830	8.1	71.4	179	15.9
11840	17.2	71.3	179	15.1
11850	21.0	71.1	179	10.6
11860	17.9	71.0	179	9.3
11870	8.1	71.0	179	6.9
11880	-1.9	70.9	180	4.5
11890	-1.6	70.9	180	4.2
11900	-2.0	70.8	180	3.1
11910	-4.6	70.8	180	1.8
11920	-8.0	70.8	180	0.2
11930	-12.1	70.8	180	-1.0
11940	-16.8	70.8	180	-4.5
11950	-22.1	70.9	180	-7.9
11960	-26.6	71.0	179	-13.8
11970	-29.3	71.3	179	-20.4
11980	-30.5	71.6	179	-34.0
11990	-30.5	71.9	179	-43.6
12000	-30.6	72.4	178	-48.1
12010	-30.6	72.9	178	-50.5
12020	-30.2	73.5	177	-59.1
12030	-29.4	74.2	176	-65.7
12040	-28.6	75.0	175	-73.2
12050	-28.3	75.9	175	-79.8
12060	-28.5	76.8	174	-86.5
12070	-28.2	77.9	173	-104.6
12080	-26.4	79.0	171	-112.0
12090	-24.0	80.2	170	-120.0
12100	-20.6	81.5	169	-126.4
12110	-19.0	82.8	168	-132.8
12120	-20.1	84.1	166	-138.4
12130	-22.8	85.6	165	-145.0
12140	-27.1	87.1	163	-152.0
12150	-29.6	88.7	162	-160.7
12160	-30.4	90.3	160	-170.1
12170	-30.4	92.1	158	-176.2
12180	-34.4	93.9	157	-176.5
12190	-40.4	95.6	155	-176.7
12200	-45.3	97.4	153	-177.8
12210	-47.2	99.2	151	-178.9
12220	-46.8	101.0	149	-179.4
12230	-45.2	102.8	148	-179.4
12240	-43.5	104.6	146	-179.4
12250	-44.1	106.4	144	-179.4
12260	-46.4	108.2	142	-179.7
12270	-47.9	110.0	140	-180.2
12280	-48.5	111.8	139	-179.9
12290	-48.3	113.6	137	-179.7
12300	-47.2	115.4	135	-179.7
12310	-46.0	117.2	133	-179.9
12320	-45.4	119.0	131	-179.7
12330	-45.3	120.8	130	-179.7
12340	-45.8	122.6	128	-179.9
12350	-46.4	124.4	126	-179.9
12360	-46.4	126.2	124	-180.2

12370	-45.4	128.0	122	-179.9
12380	-44.5	129.8	121	-179.7
12390	-43.9	131.5	119	-179.7
12400	-43.8	133.3	117	-179.9
12410	-44.2	135.1	115	-179.9
12420	-43.8	136.9	114	-180.2
12430	-43.8	138.7	112	-179.9
12440	-43.5	140.5	110	-179.7
12450	-43.3	142.3	108	-179.9
12460	-43.1	144.1	106	-179.9
12470	-42.4	145.9	105	-179.7
12480	-42.2	147.7	103	-179.7
12490	-42.3	149.5	101	-179.7
12500	-42.4	151.3	99	-179.7
12510	-42.7	153.1	97	-179.9
12520	-42.3	154.9	96	-179.9
12530	-41.5	156.7	94	-179.7
12540	-41.0	158.5	92	-179.4
12550	-40.8	160.3	90	-179.7
12560	-40.7	162.1	88	-179.7
12570	-40.3	163.9	87	-179.9
12580	-39.9	165.7	85	-179.7
12590	-39.3	167.5	83	-179.4
12600	-38.8	169.3	81	-179.1
12610	-38.1	171.1	79	-179.7
12620	-37.3	172.9	78	-179.4
12630	-36.5	174.7	76	-179.4
12640	-36.7	176.5	74	-179.7
12650	-37.2	178.3	72	-179.4
12660	-37.7	180.1	70	-179.7
12670	-38.0	181.9	69	-179.9
12680	-38.2	183.7	67	-179.9
12690	-38.2	185.5	65	-179.4
12700	-38.0	187.3	63	-179.4
12710	-36.5	189.0	61	-179.7
12720	-35.0	190.8	60	-179.7
12730	-33.8	192.6	58	-179.7
12740	-33.5	194.4	56	-179.1
12750	-33.8	196.2	54	-179.7
12760	-34.8	198.0	52	-179.7
12770	-34.8	199.8	51	-179.7
12780	-34.6	201.6	49	-179.4
12790	-34.0	203.4	47	-179.7
12800	-32.7	205.2	45	-179.1
12810	-30.5	207.0	43	-179.4
12820	-28.7	208.8	42	-179.4
12830	-27.1	210.6	40	-179.4
12840	-26.2	212.4	38	-178.9
12850	-26.3	214.2	36	-179.7
12860	-26.7	216.0	34	-179.4
12870	-26.8	217.8	33	-179.4
12880	-26.4	219.6	31	-179.1
12890	-25.5	221.3	29	-179.4
12900	-24.5	223.1	27	-178.9

12910	-23.9	224.9	26	-179.4
12920	-23.3	226.7	24	-179.4
12930	-22.4	228.5	22	-179.1
12940	-22.0	230.3	20	-179.1
12950	-22.0	232.1	18	-179.4
12960	-22.5	233.9	17	-179.4
12970	-22.8	235.7	15	-179.4
12980	-21.8	237.5	13	-179.7
12990	-20.5	239.3	11	-179.1
13000	-19.1	241.1	9	-179.1
13010	-17.9	242.9	8	-179.4
13020	-16.4	244.7	6	-179.1
13030	-15.3	246.5	4	-179.1
13040	-14.1	248.2	2	-179.1
13050	-12.9	250.0	0	-179.1
13060	-12.6	251.8	-1	-179.4
13070	-11.9	253.6	-3	-179.4
13080	-9.5	255.4	-5	-179.1
13090	-6.2	257.2	-7	-178.9
13100	-3.1	259.0	-9	-179.1
13110	-0.4	260.8	-10	-179.1
13120	0.0	262.6	-12	-179.1
13130	0.0	264.4	-14	-178.9
13140	0.0	265.9	-15	-151.7
13150	-21.4	267.2	-17	-124.5
13160	-50.0	268.1	-18	-88.1
13170	-61.0	268.8	-18	-67.3
13180	-47.7	269.3	-19	-50.3
13190	-22.2	269.7	-19	-36.2
13200	0.0	270.0	-20	-22.3
13210	0.0	270.2	-20	-19.1
13220	16.7	270.3	-20	-11.4
13230	27.8	270.4	-20	-2.1
13240	40.8	270.4	-20	3.9
13250	34.4	270.2	-20	12.7
13260	28.2	270.1	-20	21.0
13270	21.8	269.8	-19	30.0
13280	24.4	269.5	-19	35.4
13290	30.8	269.1	-19	41.7
13300	39.2	268.7	-18	49.5
13310	43.9	268.2	-18	59.6
13320	43.8	267.6	-17	64.6
13330	38.1	266.8	-16	67.8
13340	31.9	266.0	-16	93.1
13350	29.3	265.1	-15	92.1
13360	30.8	264.1	-14	89.1
13370	34.2	263.0	-13	107.0
13380	35.8	261.9	-11	115.8
13390	34.4	260.7	-10	125.1
13400	30.2	259.4	-9	134.1
13410	25.9	258.0	-8	142.1
13420	23.1	256.5	-6	148.8
13430	23.7	254.9	-4	154.9
13440	27.1	253.4	-3	161.0

13450	30.0	251.7	-1	168.5
13460	30.2	249.9	1	176.2
13470	29.3	248.1	2	179.7
13480	30.6	246.4	4	179.4
13490	33.4	244.6	6	179.9
13500	35.5	242.8	8	179.7
13510	36.7	241.0	9	179.9
13520	35.9	239.2	11	179.7
13530	34.4	237.4	13	179.7
13540	32.5	235.6	15	179.4
13550	31.3	233.8	17	179.4
13560	31.3	232.0	18	179.1
13570	31.9	230.2	20	179.7
13580	32.0	228.4	22	179.4
13590	32.0	226.6	24	179.7
13600	32.0	224.8	26	179.4
13610	32.4	223.0	27	179.7
13620	32.1	221.2	29	179.4
13630	32.3	219.4	31	179.7
13640	32.4	217.6	33	179.4
13650	32.3	215.8	35	179.4
13660	32.5	214.0	36	179.4
13670	31.9	212.2	38	179.9
13680	30.4	210.4	40	179.4
13690	29.3	208.6	42	179.4
13700	28.9	206.8	44	179.4
13710	29.2	205.0	45	179.4
13720	29.3	203.3	47	179.4
13730	29.3	201.5	49	179.4
13740	29.0	199.7	51	179.4
13750	28.5	197.9	53	179.4
13760	28.7	196.1	54	179.4
13770	28.9	194.3	56	179.4
13780	28.6	192.5	58	179.4
13790	28.1	190.7	60	179.4
13800	27.5	188.9	62	179.4
13810	27.9	187.1	63	179.4
13820	27.8	185.3	65	179.4
13830	27.9	183.5	67	179.4
13840	27.9	181.7	69	179.4
13850	27.3	179.9	71	179.4
13860	27.4	178.1	72	179.7
13870	27.9	176.3	74	179.7
13880	28.9	174.5	76	179.4
13890	29.2	172.7	78	179.9
13900	29.3	170.9	80	179.7
13910	29.7	169.1	81	179.7
13920	30.2	167.3	83	179.7
13930	30.8	165.5	85	179.7
13940	31.3	163.7	87	179.9
13950	31.9	162.0	88	179.7
13960	33.2	160.2	90	179.7
13970	33.4	158.4	92	179.7
13980	33.1	156.6	94	179.9

13990	33.1	154.8	96	179.7
14000	33.6	153.0	97	179.7
14010	34.6	151.2	99	179.9
14020	35.0	149.4	101	179.9
14030	34.8	147.6	103	179.7
14040	34.8	145.8	105	179.9
14050	34.8	144.0	106	179.9
14060	36.2	142.2	108	179.7
14070	36.9	140.4	110	179.9
14080	37.0	138.6	112	179.9
14090	37.0	136.8	114	180.2
14100	37.2	135.0	115	179.9
14110	37.3	133.2	117	179.9
14120	37.2	131.4	119	179.9
14130	37.2	129.6	121	179.9
14140	37.0	127.8	123	179.9
14150	36.5	126.0	124	179.9
14160	36.6	124.2	126	179.9
14170	36.7	122.4	128	179.9
14180	36.2	120.6	130	179.9
14190	35.8	118.8	132	179.9
14200	35.9	117.0	133	179.9
14210	35.4	115.2	135	179.7
14220	34.3	113.4	137	179.7
14230	32.5	111.6	139	179.7
14240	30.9	109.8	141	179.4
14250	29.8	108.0	142	179.7
14260	30.2	106.2	144	179.7
14270	30.1	104.4	146	179.9
14280	29.3	102.6	148	179.9
14290	28.5	100.8	150	179.4
14300	27.3	99.0	151	179.7
14310	26.0	97.2	153	179.7
14320	24.3	95.4	155	179.7
14330	22.6	93.6	157	179.4
14340	21.6	91.8	159	179.4
14350	20.6	90.0	160	179.4
14360	20.3	88.2	162	179.4
14370	19.7	86.4	164	179.4
14380	17.9	84.6	166	179.7
14390	15.3	82.8	168	179.4
14400	12.7	81.0	169	179.4
14410	10.7	79.2	171	179.1
14420	8.7	77.5	173	178.3
14430	14.9	75.9	175	159.4
14440	39.7	74.6	176	108.8
14450	61.8	73.6	177	93.1
14460	65.0	72.8	178	63.6
14470	47.6	72.2	178	52.4
14480	19.8	71.8	179	37.0
14490	-2.6	71.5	179	25.8
14500	-7.2	71.3	179	17.0
14510	-15.5	71.2	179	13.5
14520	-16.8	71.1	179	9.8

14530	-12.9	71.0	179	5.5
14540	-9.9	71.0	179	2.9
14550	-10.3	71.0	179	0.0
14560	-17.0	71.0	179	-1.5
14570	-24.7	71.0	179	-6.3
14580	-27.5	71.2	179	-12.5
14590	-26.0	71.4	179	-19.4
14600	-23.9	71.6	179	-26.3
14610	-24.0	72.0	178	-32.7
14620	-27.7	72.4	178	-39.9
14630	-33.4	72.9	178	-46.8
14640	-37.7	73.5	177	-54.5
14650	-37.7	74.2	176	-78.0
14660	-33.4	75.0	175	-89.4
14670	-27.3	75.8	175	-98.7
14680	-22.4	76.8	174	-106.7
14690	-21.3	77.8	173	-113.6
14700	-22.8	78.9	172	-109.1
14710	-25.6	80.0	170	-116.0
14720	-26.4	81.3	169	-123.2
14730	-25.2	82.6	168	-131.5
14740	-24.7	83.9	167	-138.7
14750	-25.8	85.4	165	-146.4
14760	-28.7	86.9	164	-154.4
14770	-31.7	88.5	162	-163.4
14780	-32.1	90.2	160	-173.3
14790	-32.5	92.0	158	-176.5
14800	-36.3	93.7	157	-177.0
14810	-41.1	95.5	155	-177.0
14820	-44.2	97.3	153	-178.1
14830	-45.7	99.1	151	-178.9
14840	-45.8	100.9	150	-179.1
14850	-45.8	102.7	148	-179.4
14860	-46.1	104.5	146	-179.7
14870	-46.9	106.3	144	-179.7
14880	-47.5	108.0	142	-179.9
14890	-46.8	109.8	141	-179.9
14900	-45.3	111.6	139	-179.7
14910	-44.9	113.4	137	-179.4
14920	-45.2	115.2	135	-179.4
14930	-45.8	117.0	133	-179.7
14940	-46.9	118.8	132	-179.9
14950	-47.3	120.6	130	-179.9
14960	-47.3	122.4	128	-179.9
14970	-47.5	124.2	126	-179.9
14980	-46.5	126.0	124	-179.9
14990	-45.3	127.8	123	-180.2
15000	-44.6	129.6	121	-179.7
15010	-44.7	131.4	119	-179.7
15020	-45.8	133.2	117	-179.7
15030	-46.8	135.0	115	-179.9
15040	-47.1	136.8	114	-180.2
15050	-46.6	138.6	112	-180.2
15060	-46.0	140.4	110	-179.7

15070	-44.9	142.2	108	-179.9
15080	-44.3	144.0	106	-179.9
15090	-43.4	145.8	105	-179.9
15100	-43.1	147.6	103	-179.7
15110	-43.7	149.4	101	-179.7
15120	-44.1	151.2	99	-179.7
15130	-44.2	153.0	97	-180.2
15140	-43.8	154.8	96	-179.9
15150	-42.4	156.6	94	-179.7
15160	-40.4	158.4	92	-179.1
15170	-38.9	160.2	90	-179.7
15180	-38.2	162.0	88	-179.1
15190	-37.7	163.8	87	-179.7
15200	-38.2	165.6	85	-179.7
15210	-38.9	167.4	83	-179.1
15220	-39.7	169.2	81	-179.4
15230	-39.6	171.0	79	-179.7
15240	-38.5	172.8	78	-179.4
15250	-36.7	174.6	76	-179.7
15260	-35.4	176.4	74	-179.4
15270	-34.8	178.2	72	-179.7
15280	-35.1	180.0	70	-179.4
15290	-36.1	181.7	69	-179.9
15300	-37.2	183.5	67	-179.7
15310	-37.8	185.3	65	-179.7
15320	-38.0	187.1	63	-179.7
15330	-37.2	188.9	62	-179.9
15340	-35.8	190.7	60	-179.7
15350	-34.8	192.5	58	-179.7
15360	-34.3	194.3	56	-179.1
15370	-34.6	196.1	54	-179.4
15380	-35.5	197.9	53	-179.7
15390	-35.8	199.7	51	-179.7
15400	-36.2	201.5	49	-179.9
15410	-36.7	203.3	47	-179.4
15420	-36.3	205.1	45	-179.4
15430	-34.7	206.9	44	-179.7
15440	-32.4	208.7	42	-179.7
15450	-30.2	210.5	40	-179.4
15460	-28.9	212.3	38	-178.9
15470	-28.9	214.1	36	-179.4
15480	-29.6	215.9	35	-179.4
15490	-30.1	217.7	33	-179.7
15500	-30.0	219.5	31	-179.4
15510	-29.0	221.2	29	-179.1
15520	-27.3	223.0	27	-178.9
15530	-25.4	224.8	26	-179.4
15540	-23.1	226.6	24	-179.1
15550	-21.7	228.4	22	-179.1
15560	-21.0	230.2	20	-179.1
15570	-21.7	232.0	18	-179.4
15580	-23.2	233.8	17	-179.4
15590	-24.1	235.6	15	-179.7
15600	-23.2	237.4	13	-179.7

15610	-21.3	239.2	11	-179.1
15620	-18.7	241.0	9	-179.4
15630	-16.1	242.8	8	-179.4
15640	-14.0	244.6	6	-178.9
15650	-12.6	246.3	4	-178.9
15660	-11.7	248.1	2	-179.1
15670	-11.1	249.9	1	-179.1
15680	-11.4	251.7	-1	-179.4
15690	-10.4	253.5	-3	-179.4
15700	-7.7	255.3	-5	-179.1
15710	-3.8	257.1	-7	-178.9
15720	-0.8	258.9	-8	-179.1
15730	0.0	260.7	-10	-178.9
15740	0.0	262.5	-12	-178.9
15750	0.0	264.2	-14	-177.8
15760	0.0	265.9	-15	-167.1
15770	-2.2	267.0	-17	-114.2
15780	-29.4	268.0	-18	-87.8
15790	-48.1	268.7	-18	-74.5
15800	-43.7	269.3	-19	-51.3
15810	-16.4	269.7	-19	-39.9
15820	0.0	269.9	-19	-25.2
15830	6.8	270.1	-20	-19.4
15840	24.3	270.3	-20	-10.3
15850	33.6	270.3	-20	-0.2
15860	35.1	270.2	-20	5.3
15870	24.3	270.1	-20	13.8
15880	16.7	269.9	-19	17.5
15890	14.8	269.7	-19	21.0
15900	21.6	269.5	-19	23.4
15910	30.0	269.2	-19	27.9
15920	36.3	268.8	-18	33.8
15930	37.8	268.4	-18	46.0
15940	34.7	267.8	-17	60.4
15950	30.0	267.2	-17	62.8
15960	26.3	266.6	-16	63.0
15970	26.2	265.8	-15	68.4
15980	29.2	265.0	-15	74.0
15990	32.1	264.1	-14	80.6
16000	33.2	263.1	-13	97.4
16010	30.5	262.1	-12	105.9
16020	26.7	261.0	-11	113.9
16030	22.8	259.8	-9	120.5
16040	21.8	258.5	-8	126.4
16050	22.8	257.2	-7	132.3
16060	24.4	255.9	-5	138.4
16070	25.2	254.4	-4	145.0
16080	25.0	252.9	-2	151.7
16090	22.9	251.4	-1	158.1
16100	21.2	249.7	1	163.7
16110	20.1	248.1	2	168.5
16120	20.3	246.3	4	173.3
16130	21.6	244.6	6	177.5
16140	24.3	242.8	8	179.1

16150	28.7	241.0	9	179.7
16160	32.1	239.2	11	179.7
16170	33.6	237.4	13	179.9
16180	33.4	235.6	15	179.7
16190	31.3	233.8	17	179.7
16200	29.7	232.0	18	179.4
16210	28.6	230.2	20	179.4
16220	28.5	228.4	22	179.4
16230	29.4	226.6	24	179.4
16240	31.1	224.8	26	179.7
16250	32.0	223.0	27	179.9
16260	31.7	221.2	29	179.7
16270	30.8	219.4	31	179.7
16280	28.6	217.6	33	179.4
16290	26.8	215.8	35	179.4
16300	26.7	214.1	36	179.4
16310	27.3	212.3	38	179.4
16320	27.8	210.5	40	179.4
16330	28.3	208.7	42	179.4
16340	28.9	206.9	44	179.4
16350	29.2	205.1	45	179.4
16360	29.3	203.3	47	179.4
16370	29.0	201.5	49	179.4
16380	28.3	199.7	51	179.4
16390	27.3	197.9	53	179.4
16400	27.5	196.1	54	179.4
16410	28.6	194.3	56	179.4
16420	29.2	192.5	58	179.4
16430	29.0	190.7	60	179.7
16440	28.3	188.9	62	179.7
16450	27.8	187.1	63	179.7
16460	26.8	185.3	65	179.4
16470	27.0	183.5	67	179.4
16480	27.1	181.7	69	179.4
16490	26.6	179.9	71	179.4
16500	27.0	178.2	72	179.4
16510	28.1	176.4	74	179.7
16520	29.0	174.6	76	179.4
16530	29.3	172.8	78	179.7
16540	28.7	171.0	79	179.7
16550	28.1	169.2	81	179.7
16560	28.2	167.4	83	179.7
16570	28.2	165.6	85	179.7
16580	28.7	163.8	87	179.4
16590	28.9	162.0	88	179.7
16600	29.2	160.2	90	179.7
16610	28.1	158.4	92	179.7
16620	26.4	156.6	94	179.7
16630	26.0	154.8	96	179.7
16640	26.8	153.0	97	179.4
16650	28.7	151.2	99	179.7
16660	30.1	149.4	101	179.9
16670	30.9	147.6	103	179.9
16680	31.2	145.8	105	179.9

16690	30.8	144.0	106	179.9
16700	31.3	142.2	108	179.7
16710	32.0	140.4	110	179.7
16720	31.9	138.6	112	180.2
16730	32.1	136.8	114	179.9
16740	32.7	135.0	115	179.9
16750	33.0	133.2	117	179.9
16760	33.0	131.4	119	179.9
16770	33.0	129.6	121	180.2
16780	32.8	127.8	123	179.9
16790	32.1	126.0	124	179.7
16800	32.0	124.2	126	179.9
16810	32.3	122.4	128	179.9
16820	32.0	120.6	130	179.9
16830	31.6	118.8	132	179.9
16840	30.9	117.0	133	179.9
16850	30.4	115.2	135	179.7
16860	29.6	113.4	137	179.7
16870	28.5	111.6	139	179.7
16880	27.9	109.8	141	179.7
16890	27.3	108.0	142	179.7
16900	27.5	106.2	144	179.9
16910	27.0	104.4	146	179.7
16920	26.0	102.6	148	179.9
16930	24.5	100.8	150	179.7
16940	23.3	99.0	151	179.7
16950	22.4	97.2	153	179.4
16960	21.8	95.4	155	179.7
16970	20.6	93.7	157	179.7
16980	19.3	91.9	159	179.7
16990	17.2	90.1	160	179.7
17000	15.5	88.3	162	179.4
17010	14.4	86.5	164	179.1
17020	12.6	84.7	166	179.7
17030	10.6	82.9	168	179.4
17040	8.4	81.1	169	179.4
17050	6.9	79.3	171	179.1
17060	5.0	77.6	173	161.3
17070	10.7	75.9	175	143.2
17080	36.7	74.5	176	133.6
17090	58.3	73.6	177	93.7
17100	61.7	72.8	178	71.3
17110	45.0	72.3	178	46.8
17120	19.8	71.9	179	37.0
17130	-2.6	71.6	179	26.0
17140	-4.1	71.3	179	20.7
17150	-10.8	71.2	179	12.5
17160	-14.9	71.1	179	8.7
17170	-14.9	71.0	179	4.2
17180	-9.9	71.0	179	0.7
17190	-7.6	71.0	179	-1.0
17200	-13.3	71.1	179	-2.6
17210	-20.6	71.1	179	-6.6
17220	-23.5	71.2	179	-11.9

17230	-22.4	71.4	179	-17.8
17240	-20.9	71.7	179	-24.2
17250	-21.8	72.0	178	-29.2
17260	-26.8	72.4	178	-42.8
17270	-33.2	72.8	178	-45.7
17280	-38.8	73.3	177	-49.7
17290	-39.3	74.0	176	-66.0
17300	-35.3	74.7	176	-84.3
17310	-28.9	75.6	175	-94.5
17320	-24.4	76.5	174	-103.0
17330	-22.9	77.5	173	-110.2
17340	-23.7	78.5	172	-106.7
17350	-25.9	79.6	171	-113.6
17360	-25.9	80.8	170	-121.3
17370	-24.3	82.1	168	-128.8
17380	-22.8	83.4	167	-136.0
17390	-23.2	84.9	166	-142.6
17400	-26.2	86.3	164	-150.1
17410	-29.2	87.9	163	-158.6
17420	-29.4	89.6	161	-167.1
17430	-27.5	91.3	159	-175.4
17440	-28.5	93.1	157	-175.9
17450	-33.2	94.8	156	-176.5
17460	-39.9	96.6	154	-177.0
17470	-43.9	98.4	152	-177.8
17480	-45.0	100.1	150	-178.9
17490	-44.6	101.9	149	-179.4
17500	-43.7	103.7	147	-179.4
17510	-43.8	105.5	145	-179.1
17520	-44.7	107.3	143	-179.7
17530	-45.3	109.1	141	-179.7
17540	-44.6	110.9	140	-179.7
17550	-43.8	112.7	138	-179.7
17560	-43.3	114.5	136	-179.7
17570	-43.5	116.3	134	-179.4
17580	-44.5	118.1	132	-179.7
17590	-45.6	119.9	131	-179.9
17600	-46.0	121.7	129	-179.7
17610	-45.8	123.5	127	-180.2
17620	-45.0	125.3	125	-179.9
17630	-43.3	127.1	123	-179.9
17640	-41.8	128.9	122	-179.9
17650	-41.0	130.7	120	-179.7
17660	-41.2	132.5	118	-179.4
17670	-42.7	134.3	116	-179.7
17680	-43.1	136.1	114	-179.9
17690	-43.1	137.9	113	-179.9
17700	-42.2	139.7	111	-179.7
17710	-40.5	141.5	109	-179.9
17720	-39.5	143.3	107	-179.7
17730	-38.5	145.1	105	-179.7
17740	-37.4	146.9	104	-179.4
17750	-37.0	148.7	102	-179.1
17760	-37.6	150.5	100	-179.7

17770	-38.5	152.3	98	-179.7
17780	-38.9	154.1	96	-179.7
17790	-38.4	155.9	95	-179.9
17800	-36.6	157.7	93	-179.4
17810	-35.7	159.5	91	-179.4
17820	-35.8	161.2	89	-179.7
17830	-35.8	163.0	87	-179.9
17840	-35.5	164.8	86	-179.7
17850	-35.8	166.6	84	-179.4
17860	-36.1	168.4	82	-179.4
17870	-36.5	170.2	80	-179.1
17880	-36.1	172.0	78	-179.9
17890	-35.0	173.8	77	-179.7
17900	-33.5	175.6	75	-179.4
17910	-32.1	177.4	73	-179.7
17920	-31.6	179.2	71	-179.4
17930	-31.3	181.0	69	-179.7
17940	-31.3	182.8	68	-179.1
17950	-31.1	184.6	66	-179.4
17960	-31.1	186.4	64	-179.4
17970	-30.2	188.2	62	-179.4
17980	-28.6	190.0	60	-179.9
17990	-27.0	191.8	59	-179.4
18000	-25.5	193.6	57	-179.1
18010	-25.1	195.4	55	-179.4
18020	-25.6	197.1	53	-179.4
18030	-26.2	198.9	52	-179.4
18040	-25.6	200.7	50	-179.7
18050	-25.0	202.5	48	-179.4
18060	-24.5	204.3	46	-179.1
18070	-24.0	206.1	44	-179.4
18080	-23.1	207.9	43	-179.4
18090	-22.2	209.7	41	-179.1
18100	-21.7	211.5	39	-179.1
18110	-22.1	213.3	37	-179.4
18120	-22.8	215.1	35	-179.4
18130	-22.4	216.9	34	-179.9
18140	-21.8	218.7	32	-179.7
18150	-20.6	220.5	30	-179.1
18160	-19.7	222.3	28	-179.1
18170	-19.0	224.1	26	-179.4
18180	-18.3	225.9	25	-179.1
18190	-17.4	227.6	23	-179.4
18200	-16.5	229.4	21	-179.4
18210	-16.1	231.2	19	-179.1
18220	-15.9	233.0	17	-179.4
18230	-15.7	234.8	16	-179.4
18240	-15.1	236.6	14	-179.1
18250	-13.4	238.4	12	-179.7
18260	-12.3	240.2	10	-179.1
18270	-11.5	242.0	8	-179.1
18280	-10.8	243.8	7	-179.1
18290	-9.2	245.6	5	-179.4
18300	-7.9	247.4	3	-178.9

18310	-6.5	249.2	1	-179.1
18320	-6.5	251.0	-1	-179.4
18330	-6.6	252.7	-2	-179.4
18340	-5.6	254.5	-4	-179.1
18350	-3.1	256.3	-6	-179.1
18360	-1.1	258.1	-8	-179.1
18370	-0.5	259.9	-9	-178.9
18380	0.0	261.7	-11	-178.9
18390	0.0	263.5	-13	-178.6
18400	0.0	265.2	-15	-153.8
18410	0.0	266.6	-16	-129.3
18420	-22.5	267.6	-17	-88.1
18430	-51.3	268.4	-18	-76.4
18440	-56.1	269.1	-19	-52.1
18450	-36.3	269.5	-19	-43.1
18460	-5.4	269.9	-19	-26.8
18470	0.0	270.1	-20	-22.6
18480	10.4	270.3	-20	-15.7
18490	27.3	270.3	-20	-6.6
18500	40.1	270.3	-20	2.1
18510	33.5	270.3	-20	8.2
18520	24.8	270.1	-20	16.2
18530	18.7	270.0	-20	19.7
18540	19.0	269.7	-19	20.7
18550	23.5	269.5	-19	24.7
18560	27.9	269.2	-19	29.0
18570	31.5	268.8	-18	34.6
18580	32.5	268.4	-18	41.2
18590	31.3	267.9	-17	48.9
18600	28.5	267.3	-17	55.3
18610	25.6	266.6	-16	75.3
18620	24.5	265.8	-15	81.9
18630	24.8	265.0	-15	88.1
18640	25.1	264.2	-14	94.7
18650	24.4	263.3	-13	92.3
18660	22.8	262.3	-12	98.2
18670	20.7	261.3	-11	104.0
18680	19.8	260.2	-10	109.1
18690	19.3	259.1	-9	113.9
18700	20.2	257.9	-7	118.7
18710	20.9	256.7	-6	123.7
18720	21.2	255.4	-5	129.3
18730	21.2	254.1	-4	134.9
18740	21.4	252.7	-2	140.5
18750	21.3	251.2	-1	145.8
18760	21.8	249.7	1	151.2
18770	21.4	248.2	2	156.2
18780	20.9	246.6	4	161.3
18790	20.7	244.9	6	166.3
18800	21.2	243.2	7	170.6
18810	22.4	241.5	9	175.1
18820	23.5	239.7	11	178.3
18830	25.2	237.9	13	179.1
18840	27.7	236.1	14	179.4

18850	29.3	234.3	16	179.7
18860	30.4	232.5	18	179.7
18870	30.2	230.7	20	179.7
18880	29.2	228.9	22	179.4
18890	28.7	227.1	23	179.7
18900	29.3	225.3	25	179.7
18910	31.2	223.6	27	179.7
18920	32.7	221.8	29	179.7
18930	33.5	220.0	30	179.9
18940	33.5	218.2	32	179.9
18950	32.7	216.4	34	179.7
18960	31.6	214.6	36	179.4
18970	29.8	212.8	38	179.4
18980	28.6	211.0	39	179.7
18990	28.3	209.2	41	179.4
19000	29.4	207.4	43	179.4
19010	31.1	205.6	45	179.4
19020	32.0	203.8	47	179.7
19030	32.0	202.0	48	179.9
19040	30.1	200.2	50	179.7
19050	27.4	198.4	52	179.1
19060	25.8	196.6	54	179.4
19070	25.8	194.8	56	179.4
19080	27.1	193.0	57	179.7
19090	29.2	191.2	59	179.9
19100	30.6	189.4	61	179.7
19110	31.5	187.6	63	179.9
19120	31.6	185.8	65	179.9
19130	30.9	184.0	66	179.7
19140	30.0	182.2	68	179.7
19150	29.2	180.4	70	179.7
19160	29.4	178.6	72	179.7
19170	30.6	176.8	74	179.7
19180	31.3	175.1	75	179.7
19190	31.7	173.3	77	179.9
19200	30.9	171.5	79	179.7
19210	30.1	169.7	81	179.7
19220	29.7	167.9	83	179.4
19230	29.8	166.1	84	179.7
19240	30.4	164.3	86	179.7
19250	31.2	162.5	88	179.9
19260	32.3	160.7	90	179.7
19270	31.9	158.9	92	179.9
19280	30.4	157.1	93	179.9
19290	29.7	155.3	95	179.7
19300	29.7	153.5	97	179.7
19310	31.1	151.7	99	179.7
19320	32.5	149.9	101	179.7
19330	33.9	148.1	102	180.2
19340	34.3	146.3	104	179.9
19350	33.6	144.5	106	179.7
19360	33.0	142.7	108	179.9
19370	32.5	140.9	110	179.7
19380	32.5	139.1	111	179.9

19390	33.0	137.3	113	179.9
19400	33.4	135.5	115	179.9
19410	34.2	133.7	117	179.9
19420	33.6	131.9	119	179.7
19430	32.7	130.1	120	179.9
19440	32.0	128.3	122	179.9
19450	31.6	126.5	124	179.7
19460	32.3	124.7	126	179.7
19470	33.4	122.9	128	179.9
19480	34.2	121.1	129	179.9
19490	34.3	119.3	131	179.9
19500	34.0	117.5	133	180.2
19510	33.5	115.7	135	179.9
19520	32.8	113.9	137	179.9
19530	31.6	112.1	138	179.9
19540	30.9	110.3	140	179.9
19550	30.5	108.5	142	179.7
19560	30.4	106.7	144	179.7
19570	29.4	104.9	146	179.9
19580	27.8	103.1	147	179.7
19590	25.5	101.3	149	179.7
19600	23.5	99.5	151	179.4
19610	22.2	97.7	153	179.4
19620	21.3	95.9	155	179.7
19630	20.1	94.1	156	179.7
19640	18.7	92.3	158	179.4
19650	16.5	90.5	160	179.1
19660	15.2	88.7	162	179.1
19670	14.2	87.0	163	179.4
19680	12.9	85.2	165	179.4
19690	10.8	83.4	167	179.4
19700	8.7	81.6	169	179.4
19710	6.6	79.8	171	179.4
19720	4.6	78.0	172	179.1
19730	5.2	76.2	174	187.1
19740	24.0	74.9	176	131.7
19750	51.5	73.8	177	109.9
19760	60.9	73.0	177	77.2
19770	48.7	72.4	178	57.5
19780	23.3	71.9	179	44.9
19790	1.4	71.6	179	29.0
19800	-2.7	71.4	179	21.0
19810	-7.9	71.2	179	17.0
19820	-12.3	71.1	179	10.3
19830	-13.3	71.0	179	5.5
19840	-9.5	71.0	179	2.9
19850	-6.1	71.0	179	0.5
19860	-11.1	71.0	179	-0.5
19870	-18.8	71.0	179	-3.4
19880	-23.6	71.1	179	-8.5
19890	-23.2	71.2	179	-13.5
19900	-20.5	71.4	179	-19.1
19910	-19.7	71.7	179	-24.2
19920	-23.6	72.0	178	-29.2

19930	-31.3	72.4	178	-43.1
19940	-38.1	72.8	178	-47.3
19950	-41.8	73.4	177	-52.1
19960	-39.3	74.1	176	-76.1
19970	-33.0	74.8	176	-88.3
19980	-26.7	75.7	175	-97.7
19990	-24.0	76.6	174	-105.4
20000	-24.4	77.7	173	-112.8
20010	-27.1	78.7	172	-109.4
20020	-28.1	79.9	171	-117.6
20030	-26.8	81.1	169	-125.6
20040	-24.3	82.4	168	-133.6
20050	-23.1	83.8	167	-140.8
20060	-24.5	85.3	165	-148.0
20070	-27.9	86.8	164	-155.7
20080	-30.8	88.5	162	-164.7
20090	-30.8	90.2	160	-173.5
20100	-30.4	91.9	159	-176.5
20110	-33.2	93.7	157	-176.5
20120	-38.8	95.5	155	-176.5
20130	-43.4	97.2	153	-177.5
20140	-45.8	99.0	151	-178.6
20150	-46.2	100.8	150	-179.4
20160	-46.6	102.6	148	-179.4
20170	-46.5	104.4	146	-179.7
20180	-46.6	106.2	144	-179.7
20190	-46.5	108.0	142	-179.7
20200	-45.7	109.8	141	-179.7
20210	-44.6	111.6	139	-179.7
20220	-44.3	113.4	137	-179.1
20230	-44.5	115.2	135	-179.4
20240	-45.2	117.0	133	-179.7
20250	-46.0	118.8	132	-179.9
20260	-46.2	120.6	130	-179.9
20270	-45.7	122.4	128	-179.7
20280	-45.0	124.2	126	-179.7
20290	-43.5	126.0	124	-179.9
20300	-41.9	127.8	123	-179.7
20310	-41.4	129.6	121	-179.4
20320	-41.8	131.4	119	-179.7
20330	-43.0	133.2	117	-179.7
20340	-43.9	135.0	115	-179.9
20350	-43.9	136.8	114	-179.9
20360	-43.0	138.6	112	-179.9
20370	-41.5	140.4	110	-179.7
20380	-40.3	142.2	108	-179.9
20390	-40.0	144.0	106	-179.7
20400	-39.2	145.8	105	-179.7
20410	-38.6	147.5	103	-179.7
20420	-38.8	149.3	101	-179.4
20430	-38.9	151.1	99	-179.7
20440	-39.1	152.9	98	-180.2
20450	-38.6	154.7	96	-179.9
20460	-37.8	156.5	94	-179.7

20470	-36.7	158.3	92	-179.1
20480	-36.5	160.1	90	-179.4
20490	-36.7	161.9	89	-179.7
20500	-37.0	163.7	87	-179.9
20510	-37.3	165.5	85	-179.7
20520	-37.6	167.3	83	-179.4
20530	-37.3	169.1	81	-179.4
20540	-36.5	170.9	80	-179.4
20550	-35.1	172.7	78	-179.7
20560	-34.2	174.5	76	-179.4
20570	-33.2	176.3	74	-179.4
20580	-32.5	178.1	72	-179.7
20590	-32.4	179.9	71	-179.4
20600	-32.3	181.7	69	-179.7
20610	-32.0	183.5	67	-179.7
20620	-32.0	185.3	65	-179.4
20630	-31.6	187.1	63	-179.1
20640	-30.4	188.8	62	-179.7
20650	-28.6	190.6	60	-179.4
20660	-27.3	192.4	58	-179.4
20670	-26.3	194.2	56	-178.9
20680	-26.3	196.0	54	-179.4
20690	-27.4	197.8	53	-179.7
20700	-27.8	199.6	51	-179.7
20710	-27.7	201.4	49	-179.4
20720	-27.5	203.2	47	-179.7
20730	-26.7	205.0	45	-179.1
20740	-25.1	206.8	44	-179.4
20750	-23.3	208.6	42	-179.4
20760	-21.2	210.4	40	-179.1
20770	-20.3	212.2	38	-178.9
20780	-20.9	214.0	36	-179.4
20790	-22.6	215.8	35	-179.7
20800	-24.0	217.6	33	-179.7
20810	-24.1	219.4	31	-179.7
20820	-23.6	221.1	29	-179.4
20830	-22.4	222.9	28	-179.1
20840	-21.4	224.7	26	-179.4
20850	-20.6	226.5	24	-179.4
20860	-20.5	228.3	22	-179.1
20870	-21.2	230.1	20	-179.4
20880	-22.1	231.9	19	-179.7
20890	-23.5	233.7	17	-179.7
20900	-23.2	235.5	15	-179.7
20910	-20.7	237.3	13	-179.4
20920	-18.0	239.1	11	-179.1
20930	-16.3	240.9	10	-179.1
20940	-15.2	242.7	8	-179.4
20950	-14.9	244.5	6	-179.1
20960	-14.9	246.3	4	-179.4
20970	-14.0	248.1	2	-179.4
20980	-12.7	249.9	1	-179.4
20990	-11.7	251.6	-1	-179.1
21000	-10.4	253.4	-3	-179.1

21010	-8.3	255.2	-5	-179.1
21020	-5.4	257.0	-7	-179.1
21030	-3.4	258.8	-8	-179.1
21040	-1.9	260.6	-10	-179.1
21050	0.0	262.4	-12	-179.1
21060	0.0	264.2	-14	-179.4
21070	0.0	265.8	-15	-171.1
21080	-18.0	267.0	-17	-116.8
21090	-44.9	268.0	-18	-90.2
21100	-54.0	268.8	-18	-68.1
21110	-41.6	269.3	-19	-51.3
21120	-12.7	269.7	-19	-40.1
21130	0.0	270.0	-20	-25.5
21140	5.4	270.2	-20	-16.5
21150	24.5	270.3	-20	-12.7
21160	29.3	270.4	-20	-3.1
21170	35.0	270.3	-20	2.3
21180	25.4	270.3	-20	8.5
21190	18.2	270.1	-20	13.8
21200	16.1	269.9	-19	21.0
21210	21.4	269.7	-19	25.2
21220	27.9	269.4	-19	30.8

ISOK_ASSES_FLEX_EXT_300_R_SIDE

05/08

Set #1

TIME	TORQUE	POSITION	POS(ANAT)	VELOCITY
0	0.0	255.0	-5	0.0
10	2.6	255.0	-5	0.2
20	3.8	255.0	-5	0.7
30	5.7	255.0	-5	1.3
40	7.9	255.0	-5	2.9
50	10.0	254.9	-4	5.3
60	12.1	254.9	-4	7.9
70	13.4	254.8	-4	11.4
80	13.2	254.6	-4	15.4
90	12.1	254.4	-4	19.1
100	11.1	254.2	-4	22.8
110	11.0	254.0	-4	25.8
120	12.7	253.7	-3	29.0
130	15.1	253.4	-3	32.7
140	17.1	253.0	-3	37.0
150	17.5	252.6	-2	41.7
160	17.0	252.1	-2	46.5
170	16.1	251.6	-1	51.1
180	15.6	251.1	-1	55.3
190	16.1	250.5	0	59.3
200	17.2	249.9	1	63.6
210	18.0	249.2	1	67.8
220	17.6	248.5	2	72.4
230	16.3	247.8	3	76.6
240	15.5	247.0	3	80.3
250	15.3	246.1	4	83.8
260	16.4	245.3	5	87.3
270	17.6	244.4	6	91.3
280	18.2	243.4	7	94.7
290	17.9	242.4	8	98.7
300	17.2	241.4	9	102.7
310	16.4	240.4	10	105.6
320	16.4	239.3	11	109.1
330	16.7	238.2	12	111.8
340	17.9	237.0	13	115.2
350	18.8	235.9	15	118.4
360	18.2	234.6	16	121.6
370	17.2	233.4	17	124.8
380	16.4	232.1	18	127.5
390	16.5	230.8	20	129.6
400	17.4	229.5	21	132.0
410	18.3	228.2	22	134.1
420	18.8	226.8	24	136.5
430	18.8	225.5	25	139.2
440	19.0	224.0	26	141.6
450	19.1	222.6	28	144.0
460	19.4	221.2	29	146.1
470	20.2	219.7	31	148.2
480	21.7	218.2	32	150.6

490	22.2	216.7	34	153.0
500	22.6	215.1	35	156.0
510	23.2	213.5	37	158.6
520	22.8	211.9	39	161.3
530	23.5	210.3	40	163.7
540	24.0	208.6	42	166.3
550	23.6	206.9	44	168.7
560	23.1	205.2	45	170.9
570	23.1	203.5	47	173.3
580	23.9	201.8	49	175.1
590	25.1	200.0	50	177.3
600	25.1	198.2	52	179.4
610	24.7	196.4	54	181.5
620	24.3	194.6	56	183.4
630	24.1	192.7	58	185.5
640	24.1	190.9	60	187.4
650	25.1	189.0	61	189.0
660	27.0	187.1	63	190.8
670	27.9	185.1	65	193.2
680	28.1	183.2	67	195.9
690	26.6	181.2	69	198.0
700	24.7	179.2	71	199.6
710	25.0	177.2	73	201.2
720	26.3	175.2	75	202.5
730	28.3	173.1	77	204.1
740	29.0	171.1	79	206.3
750	28.5	169.0	81	208.7
760	27.0	166.9	84	210.8
770	26.0	164.8	86	212.7
780	26.0	162.6	88	214.0
790	27.8	160.5	90	215.3
800	28.6	158.3	92	217.5
810	28.3	156.1	94	219.6
820	27.3	153.9	97	221.7
830	26.4	151.7	99	223.6
840	26.0	149.4	101	225.7
850	26.3	147.2	103	227.0
860	26.2	144.9	106	229.2
870	26.6	142.6	108	230.5
880	26.4	140.3	110	232.6
890	25.4	137.9	113	234.8
900	24.1	135.6	115	236.4
910	23.5	133.2	117	238.0
920	23.2	130.8	120	239.6
930	23.3	128.4	122	240.9
940	22.6	126.0	124	242.5
950	21.6	123.5	127	244.1
960	20.7	121.1	129	245.7
970	19.9	118.6	132	247.0
980	19.7	116.1	134	248.1
990	19.1	113.6	137	249.1
1000	17.8	111.1	139	250.2
1010	15.7	108.6	142	251.3
1020	14.1	106.1	144	251.8

1030	12.5	103.6	147	252.3
1040	11.3	101.1	149	252.1
1050	10.0	98.5	152	251.8
1060	9.2	96.0	154	252.1
1070	8.3	93.5	157	251.3
1080	7.3	91.0	159	251.0
1090	6.2	88.5	162	250.2
1100	3.8	86.0	164	249.9
1110	-10.0	83.5	167	247.8
1120	-12.2	81.1	169	262.4
1130	5.6	79.1	171	196.4
1140	35.7	77.4	173	159.2
1150	65.9	76.1	174	116.3
1160	68.5	75.0	175	105.1
1170	45.0	74.1	176	82.5
1180	13.0	73.4	177	63.6
1190	-3.5	72.9	178	49.5
1200	-15.5	72.5	178	37.2
1210	-18.3	72.2	178	25.0
1220	-13.3	71.9	179	22.0
1230	-7.3	71.7	179	18.3
1240	-9.4	71.6	179	14.1
1250	-19.8	71.4	179	12.7
1260	-35.4	71.4	179	4.5
1270	-42.4	71.4	179	-2.3
1280	-43.8	71.5	179	-11.4
1290	-37.3	71.7	179	-24.2
1300	-28.9	72.0	178	-30.8
1310	-26.7	72.4	178	-46.5
1320	-33.0	72.9	178	-49.2
1330	-43.3	73.5	177	-53.5
1340	-48.8	74.2	176	-77.7
1350	-46.0	74.9	176	-83.5
1360	-36.1	75.9	175	-85.4
1370	-25.5	76.9	174	-93.9
1380	-22.2	78.0	172	-122.7
1390	-26.2	79.1	171	-117.1
1400	-33.0	80.4	170	-112.6
1410	-35.8	81.7	169	-147.4
1420	-32.7	83.2	167	-158.6
1430	-27.7	84.7	166	-153.0
1440	-25.1	86.3	164	-161.8
1450	-28.7	87.9	163	-169.5
1460	-34.2	89.7	161	-178.6
1470	-36.3	91.6	159	-189.5
1480	-32.5	93.5	157	-200.1
1490	-25.6	95.6	155	-210.0
1500	-19.3	97.8	153	-218.3
1510	-17.0	100.0	150	-224.9
1520	-19.0	102.3	148	-231.0
1530	-22.5	104.7	146	-238.2
1540	-25.5	107.1	143	-246.2
1550	-23.3	109.6	141	-255.5
1560	-17.8	112.3	138	-263.8

1570	-12.7	115.0	135	-270.7
1580	-10.8	117.7	133	-276.8
1590	-10.7	120.5	130	-282.1
1600	-12.1	123.4	127	-288.3
1610	-14.6	126.3	124	-292.0
1620	-18.3	129.2	121	-292.3
1630	-20.2	132.1	118	-292.5
1640	-20.3	135.1	115	-293.1
1650	-16.7	138.0	112	-292.5
1660	-11.4	140.9	110	-292.0
1670	-7.7	143.8	107	-291.7
1680	-5.4	146.8	104	-291.5
1690	-3.7	149.7	101	-291.2
1700	-3.1	152.6	98	-291.2
1710	-1.4	155.5	95	-291.5
1720	0.0	158.4	92	-290.7
1730	0.0	161.3	89	-290.7
1740	0.0	164.2	86	-290.1
1750	0.0	167.1	83	-290.1
1760	0.0	170.0	80	-290.1
1770	0.0	172.9	78	-289.9
1780	0.0	175.8	75	-289.9
1790	0.0	178.7	72	-290.1
1800	0.0	181.6	69	-289.6
1810	0.0	184.5	66	-289.3
1820	0.0	187.4	63	-289.1
1830	0.0	190.3	60	-288.0
1840	0.0	193.2	57	-288.0
1850	0.0	196.0	54	-287.2
1860	0.0	198.9	52	-286.7
1870	0.0	201.8	49	-285.1
1880	0.0	204.6	46	-282.1
1890	0.0	207.4	43	-278.2
1900	0.0	210.2	40	-274.4
1910	0.0	212.9	38	-272.3
1920	0.0	215.6	35	-271.0
1930	0.0	218.3	32	-271.0
1940	0.0	221.0	29	-269.9
1950	0.0	223.7	27	-267.5
1960	0.0	226.3	24	-264.6
1970	0.4	229.0	21	-260.8
1980	0.0	231.5	19	-257.1
1990	0.0	234.1	16	-254.5
2000	0.0	236.6	14	-252.6
2010	1.1	239.1	11	-250.2
2020	7.1	241.6	9	-246.5
2030	12.1	244.0	6	-241.4
2040	13.8	246.4	4	-235.8
2050	13.0	248.7	2	-230.0
2060	10.2	251.0	-1	-224.6
2070	10.2	253.2	-3	-220.4
2080	13.4	255.4	-5	-215.6
2090	17.6	257.5	-7	-210.0
2100	21.7	259.4	-9	-182.8

2110	13.7	261.3	-11	-156.0
2120	-0.3	262.8	-12	-147.4
2130	0.0	264.2	-14	-136.3
2140	-4.3	265.2	-15	-104.0
2150	-5.7	266.1	-16	-87.3
2160	0.0	266.9	-16	-79.6
2170	0.0	267.5	-17	-59.9
2180	14.4	268.0	-18	-43.9
2190	37.3	268.4	-18	-37.0
2200	46.9	268.7	-18	-21.5
2210	41.0	268.8	-18	-10.1
2220	31.5	268.9	-18	0.5
2230	26.0	268.8	-18	2.9
2240	25.4	268.8	-18	8.2
2250	32.0	268.6	-18	14.3
2260	41.5	268.4	-18	19.9
2270	46.6	268.1	-18	29.2
2280	43.3	267.7	-17	48.4
2290	35.0	267.2	-17	54.3
2300	26.8	266.6	-16	69.2
2310	25.8	265.9	-15	69.2
2320	30.6	265.2	-15	67.6
2330	38.1	264.3	-14	91.5
2340	41.6	263.5	-13	92.6
2350	38.9	262.5	-12	92.6
2360	31.3	261.3	-11	123.5
2370	24.0	260.2	-10	119.5
2380	20.7	258.9	-8	112.8
2390	22.6	257.6	-7	130.7
2400	26.6	256.2	-6	136.8
2410	29.0	254.8	-4	144.0
2420	28.5	253.3	-3	151.4
2430	23.2	251.7	-1	158.9
2440	18.0	250.1	0	164.5
2450	15.7	248.4	2	168.5
2460	18.0	246.7	4	171.7
2470	22.9	245.0	5	175.9
2480	27.3	243.2	7	181.0
2490	27.8	241.3	9	187.4
2500	24.1	239.4	11	193.2
2510	19.3	237.4	13	197.8
2520	17.1	235.4	15	200.7
2530	18.6	233.4	17	203.3
2540	22.4	231.4	19	206.3
2550	25.1	229.3	21	210.0
2560	25.6	227.1	23	214.0
2570	24.1	225.0	25	217.7
2580	22.2	222.8	28	221.2
2590	21.3	220.5	30	223.8
2600	22.2	218.3	32	226.2
2610	23.9	216.0	34	228.6
2620	26.6	213.7	37	231.3
2630	27.7	211.3	39	234.8
2640	27.5	209.0	41	238.2

2650	25.9	206.6	44	241.1
2660	23.2	204.1	46	243.3
2670	21.6	201.7	49	245.1
2680	21.4	199.2	51	246.2
2690	22.9	196.8	54	247.3
2700	25.9	194.3	56	248.3
2710	27.5	191.8	59	250.5
2720	26.3	189.3	61	252.9
2730	24.4	186.7	64	254.5
2740	23.1	184.2	66	255.3
2750	22.9	181.6	69	256.3
2760	23.2	179.0	71	256.9
2770	25.2	176.5	74	257.4
2780	27.1	173.9	77	259.0
2790	26.6	171.3	79	260.6
2800	25.1	168.7	82	261.6
2810	23.6	166.0	84	263.0
2820	24.0	163.4	87	263.5
2830	26.0	160.8	90	264.0
2840	27.9	158.1	92	265.6
2850	28.6	155.4	95	267.5
2860	27.4	152.7	98	269.1
2870	25.8	150.0	100	270.7
2880	24.1	147.3	103	272.3
2890	23.3	144.6	106	273.1
2900	24.4	141.9	109	273.9
2910	25.5	139.1	111	274.7
2920	25.6	136.4	114	276.3
2930	24.8	133.6	117	277.9
2940	22.9	130.8	120	279.5
2950	21.3	128.0	122	280.8
2960	19.9	125.2	125	281.3
2970	19.7	122.4	128	281.9
2980	18.8	119.5	131	282.4
2990	17.9	116.7	134	282.9
3000	16.7	113.9	137	283.2
3010	14.6	111.0	139	283.5
3020	12.6	108.2	142	283.7
3030	11.7	105.4	145	283.5
3040	10.6	102.5	148	282.7
3050	9.5	99.7	151	282.1
3060	-8.4	96.9	154	281.1
3070	-16.8	94.1	156	278.2
3080	-22.8	91.4	159	273.4
3090	-22.9	88.7	162	265.9
3100	-18.0	86.1	164	259.3
3110	-13.8	83.5	167	253.9
3120	-10.8	81.0	169	268.6
3130	4.9	79.0	171	200.1
3140	26.4	77.3	173	161.0
3150	49.2	76.0	174	116.0
3160	49.2	74.9	176	104.0
3170	30.2	74.0	176	81.4
3180	2.8	73.3	177	62.8

3190	-16.7	72.8	178	48.9
3200	-33.8	72.4	178	32.7
3210	-34.7	72.1	178	26.6
3220	-28.9	71.9	179	17.8
3230	-21.3	71.8	179	10.9
3240	-16.8	71.7	179	5.0
3250	-25.2	71.7	179	-0.2
3260	-39.7	71.8	179	-5.0
3270	-49.5	71.9	179	-17.5
3280	-49.4	72.2	178	-32.4
3290	-38.9	72.6	178	-47.9
3300	-27.7	73.1	177	-59.9
3310	-23.6	73.7	177	-62.0
3320	-30.0	74.3	176	-62.5
3330	-41.9	75.1	175	-85.9
3340	-49.2	76.0	174	-89.1
3350	-47.2	76.9	174	-93.7
3360	-37.3	78.1	172	-103.8
3370	-26.3	79.3	171	-112.3
3380	-22.8	80.6	170	-119.0
3390	-27.1	82.0	168	-124.5
3400	-35.0	83.5	167	-147.2
3410	-38.8	85.0	165	-157.3
3420	-36.2	86.7	164	-168.7
3430	-30.0	88.4	162	-179.4
3440	-25.9	90.3	160	-188.2
3450	-27.0	92.3	158	-196.7
3460	-31.3	94.3	156	-205.5
3470	-34.7	96.4	154	-215.9
3480	-33.0	98.7	152	-226.5
3490	-25.6	101.0	149	-236.9
3500	-17.6	103.4	147	-245.1
3510	-14.2	105.9	145	-251.8
3520	-18.2	108.5	142	-257.7
3530	-24.1	111.1	139	-265.1
3540	-27.3	113.8	137	-273.9
3550	-24.5	116.7	134	-283.5
3560	-17.5	119.6	131	-291.7
3570	-13.2	122.5	128	-292.0
3580	-16.3	125.4	125	-292.3
3590	-22.4	128.3	122	-292.8
3600	-26.3	131.3	119	-293.3
3610	-26.6	134.2	116	-293.9
3620	-21.0	137.1	113	-293.6
3630	-12.1	140.1	110	-292.8
3640	-5.6	143.0	107	-292.0
3650	-2.0	145.9	105	-291.7
3660	-1.1	148.8	102	-291.2
3670	-2.2	151.7	99	-291.5
3680	-2.7	154.7	96	-291.5
3690	0.0	157.6	93	-291.5
3700	0.0	160.5	90	-291.5
3710	0.0	163.4	87	-290.9
3720	0.0	166.3	84	-290.7

3730	0.0	169.2	81	-290.1
3740	0.0	172.1	78	-290.7
3750	0.0	175.0	75	-290.4
3760	0.0	177.9	73	-290.4
3770	0.0	180.8	70	-290.1
3780	0.0	183.7	67	-289.9
3790	0.0	186.6	64	-289.3
3800	0.0	189.5	61	-289.1
3810	0.0	192.4	58	-288.3
3820	0.0	195.3	55	-287.7
3830	0.0	198.1	52	-286.9
3840	0.0	201.0	49	-286.4
3850	0.0	203.9	47	-284.0
3860	0.0	206.7	44	-280.8
3870	0.0	209.5	41	-277.9
3880	0.0	212.2	38	-275.5
3890	0.0	215.0	35	-274.4
3900	0.0	217.7	33	-273.9
3910	0.0	220.4	30	-273.4
3920	0.0	223.2	27	-271.8
3930	0.0	225.9	25	-269.4
3940	1.1	228.5	22	-265.9
3950	0.7	231.2	19	-261.6
3960	0.0	233.8	17	-257.9
3970	0.0	236.3	14	-256.1
3980	0.0	238.9	12	-253.9
3990	2.3	241.4	9	-251.5
4000	7.7	243.9	7	-247.8
4010	11.8	246.3	4	-243.3
4020	13.2	248.7	2	-237.7
4030	11.1	251.0	-1	-232.4
4040	9.9	253.3	-3	-227.8
4050	10.0	255.6	-5	-223.6
4060	12.3	257.8	-7	-219.1
4070	16.3	259.8	-9	-190.8
4080	6.2	261.7	-11	-178.6
4090	-0.4	263.3	-13	-133.9
4100	-11.1	264.6	-14	-124.0
4110	-25.8	265.7	-15	-103.2
4120	-23.5	266.6	-16	-93.9
4130	-7.1	267.3	-17	-70.0
4140	0.0	267.9	-17	-60.6
4150	16.7	268.4	-18	-45.5
4160	40.5	268.7	-18	-30.0
4170	49.2	269.0	-19	-20.7
4180	42.2	269.1	-19	-7.7
4190	37.7	269.1	-19	2.6
4200	27.3	269.0	-19	6.9
4210	24.7	268.9	-18	11.1
4220	29.7	268.7	-18	16.2
4230	38.6	268.5	-18	22.6
4240	44.1	268.2	-18	31.4
4250	42.4	267.7	-17	50.3
4260	35.3	267.2	-17	56.1

4270	27.7	266.6	-16	71.3
4280	25.6	265.9	-15	71.6
4290	29.0	265.1	-15	70.0
4300	34.6	264.3	-14	84.9
4310	38.0	263.4	-13	103.2
4320	36.2	262.4	-12	103.0
4330	30.4	261.3	-11	100.6
4340	23.3	260.1	-10	130.9
4350	20.1	258.8	-8	137.1
4360	21.6	257.5	-7	129.3
4370	25.4	256.2	-6	135.2
4380	27.9	254.8	-4	142.1
4390	27.7	253.3	-3	149.3
4400	23.5	251.8	-1	157.0
4410	19.4	250.2	0	162.3
4420	18.7	248.5	2	166.9
4430	21.2	246.8	4	171.1
4440	25.0	245.1	5	175.9
4450	27.0	243.3	7	181.8
4460	26.2	241.4	9	187.6
4470	22.9	239.5	11	193.2
4480	19.5	237.5	13	197.5
4490	19.0	235.5	15	200.9
4500	21.0	233.5	17	204.1
4510	24.3	231.4	19	207.3
4520	25.6	229.3	21	211.3
4530	25.1	227.2	23	215.6
4540	23.6	225.0	25	219.3
4550	22.6	222.8	28	222.8
4560	23.3	220.5	30	225.7
4570	25.8	218.2	32	228.6
4580	25.8	215.9	35	232.1
4590	24.4	213.6	37	235.3
4600	21.0	211.2	39	237.7
4610	19.5	208.8	42	239.0
4620	22.1	206.4	44	240.1
4630	26.6	204.0	46	241.4
4640	29.6	201.6	49	244.3
4650	27.9	199.1	51	247.3
4660	23.1	196.6	54	249.9
4670	19.3	194.1	56	251.0
4680	19.1	191.6	59	251.0
4690	21.0	189.1	61	251.3
4700	25.8	186.6	64	251.8
4710	30.0	184.0	66	253.1
4720	30.4	181.5	69	255.8
4730	26.8	178.9	72	258.5
4740	23.7	176.3	74	259.8
4750	22.9	173.7	77	260.6
4760	24.1	171.1	79	261.1
4770	26.4	168.5	82	261.9
4780	28.3	165.8	85	263.2
4790	28.5	163.2	87	265.1
4800	27.7	160.5	90	266.4

4810	25.9	157.9	93	268.8
4820	24.8	155.2	95	269.9
4830	25.6	152.5	98	270.7
4840	28.1	149.7	101	271.8
4850	29.3	147.0	103	274.2
4860	28.9	144.2	106	276.3
4870	27.7	141.5	109	278.4
4880	25.4	138.7	112	280.3
4890	23.9	135.8	115	281.9
4900	24.3	133.0	117	283.2
4910	24.7	130.2	120	284.5
4920	24.5	127.3	123	286.1
4930	22.8	124.4	126	288.3
4940	20.1	121.6	129	289.1
4950	17.9	118.7	132	289.9
4960	17.0	115.8	135	290.1
4970	16.5	112.8	138	290.7
4980	15.5	109.9	141	290.7
4990	13.6	107.0	143	290.9
5000	11.4	104.1	146	290.7
5010	10.4	101.2	149	290.4
5020	9.2	98.3	152	289.3
5030	-7.6	95.4	155	288.5
5040	-17.9	92.6	158	285.9
5050	-23.5	89.7	161	280.0
5060	-23.3	87.0	163	273.1
5070	-19.9	84.3	166	266.4
5080	-17.0	81.8	169	234.2
5090	-1.9	79.5	171	200.4
5100	12.9	77.6	173	174.6
5110	37.7	76.2	174	124.5
5120	39.5	75.0	175	111.0
5130	22.9	74.1	176	86.2
5140	-2.0	73.4	177	65.7
5150	-26.2	72.8	178	50.0
5160	-46.5	72.4	178	35.6
5170	-47.3	72.2	178	20.7
5180	-35.8	72.0	178	11.9
5190	-22.2	72.0	178	3.4
5200	-14.6	72.0	178	-0.7
5210	-22.9	72.0	178	-3.1
5220	-41.2	72.1	178	-9.8
5230	-52.7	72.3	178	-22.3
5240	-51.3	72.6	178	-36.7
5250	-39.6	73.1	177	-46.0
5260	-26.2	73.7	177	-67.8
5270	-22.4	74.4	176	-76.4
5280	-29.8	75.1	175	-75.8
5290	-43.9	75.9	175	-92.9
5300	-51.9	76.8	174	-96.1
5310	-48.7	78.0	172	-121.3
5320	-37.3	79.2	171	-134.7
5330	-26.2	80.5	170	-146.6
5340	-23.1	81.9	169	-154.6

5350	-28.6	83.3	167	-162.1
5360	-36.2	84.9	166	-156.0
5370	-40.0	86.5	164	-167.1
5380	-36.6	88.3	162	-179.1
5390	-29.8	90.1	160	-190.0
5400	-25.0	92.1	158	-199.1
5410	-26.2	94.2	156	-207.6
5420	-31.6	96.3	154	-216.1
5430	-36.2	98.5	152	-226.5
5440	-34.2	100.9	150	-238.0
5450	-26.2	103.4	147	-248.6
5460	-17.9	105.9	145	-257.4
5470	-16.1	108.5	142	-264.3
5480	-18.8	111.2	139	-271.0
5490	-24.0	114.0	136	-277.9
5500	-25.9	116.8	134	-286.9
5510	-23.6	119.8	131	-293.3
5520	-22.0	122.7	128	-293.1
5530	-23.1	125.6	125	-293.1
5540	-24.4	128.6	122	-293.3
5550	-24.7	131.5	119	-293.6
5560	-22.5	134.4	116	-293.6
5570	-17.0	137.4	113	-293.3
5580	-10.3	140.3	110	-292.5
5590	-6.0	143.2	107	-292.0
5600	-4.6	146.1	104	-292.0
5610	-4.3	149.1	101	-291.7
5620	-6.5	152.0	98	-291.7
5630	-7.2	154.9	96	-292.5
5640	-4.6	157.8	93	-292.0
5650	-1.8	160.7	90	-292.0
5660	0.0	163.7	87	-291.7
5670	0.0	166.6	84	-291.5
5680	0.0	169.5	81	-291.5
5690	0.0	172.4	78	-290.9
5700	0.0	175.3	75	-291.2
5710	0.0	178.2	72	-291.2
5720	0.0	181.1	69	-290.9
5730	0.0	184.1	66	-290.7
5740	0.0	187.0	63	-290.4
5750	0.0	189.9	61	-290.7
5760	0.0	192.8	58	-290.1
5770	0.0	195.7	55	-290.1
5780	0.0	198.6	52	-289.6
5790	0.0	201.5	49	-289.3
5800	0.0	204.4	46	-288.5
5810	0.0	207.2	43	-288.5
5820	0.0	210.1	40	-287.7
5830	0.0	213.0	37	-286.9
5840	0.0	215.9	35	-286.4
5850	0.0	218.7	32	-285.9
5860	0.0	221.6	29	-284.8
5870	0.0	224.4	26	-281.9
5880	0.5	227.2	23	-278.7

5890	0.0	230.0	20	-275.0
5900	0.0	232.7	18	-272.0
5910	0.0	235.4	15	-270.4
5920	0.0	238.1	12	-269.1
5930	1.5	240.8	10	-267.0
5940	7.1	243.4	7	-263.8
5950	10.3	246.0	4	-259.0
5960	11.0	248.6	2	-253.7
5970	9.8	251.1	-1	-249.1
5980	10.3	253.5	-3	-244.6
5990	12.1	255.9	-5	-240.1
6000	15.7	258.3	-8	-234.8
6010	16.5	260.4	-10	-198.8
6020	0.0	262.4	-12	-181.2
6030	-3.3	264.0	-14	-163.4
6040	-22.2	265.2	-15	-122.7
6050	-33.8	266.3	-16	-101.1
6060	-26.8	267.1	-17	-81.9
6070	-1.8	267.9	-17	-71.0
6080	0.0	268.4	-18	-50.5
6090	19.1	268.8	-18	-42.0
6100	45.4	269.1	-19	-24.4
6110	51.0	269.2	-19	-9.3
6120	48.3	269.2	-19	3.9
6130	37.6	269.1	-19	11.9
6140	25.4	268.9	-18	17.5
6150	24.5	268.7	-18	21.5
6160	33.2	268.4	-18	26.3
6170	45.6	268.1	-18	36.4
6180	51.8	267.6	-17	51.9
6190	47.2	267.1	-17	59.3
6200	36.3	266.4	-16	63.6
6210	26.8	265.6	-15	79.3
6220	24.3	264.8	-14	76.6
6230	30.1	263.8	-13	100.8
6240	37.8	262.9	-12	107.8
6250	41.8	261.8	-11	119.8
6260	37.8	260.7	-10	119.2
6270	29.0	259.4	-9	115.5
6280	19.7	258.0	-8	135.7
6290	16.8	256.6	-6	140.5
6300	21.0	255.2	-5	145.0
6310	29.6	253.7	-3	150.9
6320	34.6	252.1	-2	159.2
6330	34.3	250.5	0	168.2
6340	27.9	248.7	2	176.7
6350	20.7	246.9	4	183.4
6360	17.9	245.0	5	188.2
6370	20.9	243.1	7	191.6
6380	26.7	241.2	9	196.2
6390	30.6	239.2	11	201.7
6400	30.1	237.1	13	208.4
6410	19.4	235.0	15	214.3
6420	17.1	232.8	18	218.0

6430	18.2	230.6	20	218.5
6440	25.1	228.4	22	220.6
6450	31.9	226.2	24	224.6
6460	35.9	223.9	27	230.8
6470	19.8	221.5	29	236.1
6480	13.2	219.1	31	238.5
6490	12.9	216.8	34	238.5
6500	16.1	214.4	36	238.2
6510	21.3	212.0	38	238.8
6520	27.3	209.6	41	240.6
6530	26.7	207.2	43	243.5
6540	22.0	204.7	46	246.5
6550	17.5	202.2	48	247.5
6560	17.1	199.8	51	247.8
6570	18.3	197.3	53	247.3
6580	21.8	194.8	56	247.3
6590	26.7	192.3	58	248.3
6600	28.6	189.8	61	250.5
6610	27.5	187.3	63	252.9
6620	23.7	184.8	66	255.0
6630	20.9	182.2	68	255.5
6640	20.5	179.6	71	255.5
6650	22.9	177.1	73	255.8
6660	26.7	174.5	76	256.6
6670	29.4	172.0	78	257.9
6680	28.7	169.4	81	260.8
6690	25.5	166.7	84	262.2
6700	22.1	164.1	86	263.5
6710	21.3	161.5	89	263.5
6720	23.3	158.8	92	263.8
6730	25.9	156.2	94	264.0
6740	28.2	153.5	97	265.4
6750	28.9	150.9	100	267.2
6760	26.8	148.2	102	269.9
6770	23.3	145.5	105	271.5
6780	21.6	142.7	108	272.0
6790	22.0	140.0	110	272.0
6800	23.9	137.3	113	273.1
6810	25.4	134.5	116	274.2
6820	25.6	131.8	119	275.8
6830	23.7	129.0	121	277.6
6840	20.6	126.2	124	279.0
6850	18.6	123.4	127	279.8
6860	17.9	120.6	130	279.8
6870	18.4	117.8	133	280.5
6880	18.6	115.0	135	281.1
6890	17.4	112.2	138	281.9
6900	14.2	109.4	141	282.1
6910	11.9	106.6	144	282.1
6920	11.0	103.8	147	281.9
6930	10.0	100.9	150	280.8
6940	7.3	98.1	152	280.3
6950	-11.8	95.4	155	278.4
6960	-16.3	92.6	158	274.7

6970	-16.3	89.9	161	270.2
6980	-13.3	87.2	163	265.6
6990	-11.3	84.6	166	261.9
7000	-10.7	82.0	168	258.2
7010	3.5	79.8	171	200.7
7020	20.6	77.9	173	178.3
7030	54.6	76.3	174	141.3
7040	58.9	75.1	175	115.0
7050	43.1	74.2	176	90.2
7060	11.9	73.4	177	68.9
7070	-1.6	72.9	178	52.7
7080	-19.8	72.4	178	38.8
7090	-27.9	72.1	178	27.4
7100	-27.5	71.9	179	18.9
7110	-15.5	71.8	179	13.5
7120	-13.6	71.7	179	8.5
7130	-18.7	71.6	179	4.2
7140	-33.6	71.6	179	-1.0
7150	-44.1	71.7	179	-6.9
7160	-47.5	71.8	179	-16.2
7170	-42.2	72.1	178	-31.4
7180	-31.6	72.5	178	-42.5
7190	-23.5	73.0	177	-45.7
7200	-24.7	73.5	177	-51.6
7210	-34.8	74.2	176	-64.4
7220	-44.7	74.9	176	-67.3
7230	-45.8	75.8	175	-95.0
7240	-37.3	76.7	174	-97.9
7250	-24.0	77.7	173	-97.1
7260	-15.7	78.8	172	-104.0
7270	-16.5	80.0	170	-106.7
7280	-23.5	81.3	169	-135.5
7290	-28.6	82.6	168	-143.2
7300	-28.5	84.0	166	-138.4
7310	-23.2	85.4	165	-146.9
7320	-16.4	86.9	164	-153.6
7330	-15.3	88.5	162	-159.2
7340	-20.2	90.1	160	-164.2
7350	-26.7	91.8	159	-171.4
7360	-28.7	93.6	157	-179.7
7370	-25.2	95.5	155	-188.4
7380	-18.0	97.4	153	-196.7
7390	-12.5	99.4	151	-203.1
7400	-11.7	101.5	149	-208.1
7410	-16.7	103.6	147	-212.9
7420	-23.1	105.8	145	-219.9
7430	-27.0	108.1	142	-228.4
7440	-24.5	110.4	140	-238.5
7450	-18.6	112.9	138	-247.3
7460	-14.2	115.4	135	-254.5
7470	-13.2	118.0	132	-261.1
7480	-14.9	120.7	130	-267.5
7490	-17.1	123.4	127	-274.4
7500	-17.9	126.2	124	-282.4

7510	-15.1	129.1	121	-289.9
7520	-12.3	132.0	118	-292.5
7530	-14.5	134.9	116	-292.8
7540	-18.4	137.8	113	-293.3
7550	-22.0	140.8	110	-293.3
7560	-24.1	143.7	107	-293.6
7570	-23.1	146.7	104	-293.9
7580	-19.5	149.6	101	-293.3
7590	-16.4	152.5	98	-293.1
7600	-13.0	155.5	95	-293.1
7610	-9.5	158.4	92	-292.8
7620	-8.4	161.3	89	-292.5
7630	-8.5	164.2	86	-292.5
7640	-8.8	167.2	83	-292.5
7650	-8.1	170.1	80	-292.3
7660	-6.5	173.0	77	-292.0
7670	-2.8	175.9	75	-292.0
7680	0.0	178.8	72	-291.7
7690	0.0	181.8	69	-291.5
7700	0.0	184.7	66	-291.2
7710	0.0	187.6	63	-290.9
7720	0.0	190.5	60	-290.9
7730	0.0	193.4	57	-290.9
7740	0.0	196.3	54	-291.2
7750	0.0	199.2	51	-290.9
7760	0.0	202.1	48	-290.9
7770	0.0	205.0	45	-290.4
7780	0.0	207.9	43	-290.7
7790	0.0	210.9	40	-290.9
7800	0.0	213.8	37	-289.9
7810	0.0	216.7	34	-289.9
7820	0.0	219.6	31	-289.6
7830	0.0	222.4	28	-289.1
7840	0.0	225.3	25	-288.5
7850	0.0	228.2	22	-288.0
7860	0.0	231.1	19	-287.7
7870	0.0	234.0	16	-286.9
7880	0.0	236.8	14	-286.1
7890	3.3	239.7	11	-284.0
7900	10.7	242.5	8	-279.8
7910	13.0	245.2	5	-273.6
7920	10.0	247.9	3	-268.0
7930	5.8	250.6	0	-263.5
7940	5.6	253.2	-3	-260.3
7950	10.3	255.8	-5	-256.9
7960	15.9	258.3	-8	-251.8
7970	15.1	260.6	-10	-211.6
7980	-2.6	262.6	-12	-191.6
7990	-24.3	264.3	-14	-138.9
8000	-54.1	265.6	-15	-126.4
8010	-58.2	266.7	-16	-102.2
8020	-40.0	267.6	-17	-88.6
8030	-5.7	268.2	-18	-55.9
8040	0.0	268.7	-18	-47.6

8050	26.0	269.1	-19	-38.3
8060	39.9	269.4	-19	-20.7
8070	39.2	269.5	-19	-6.9
8080	33.4	269.5	-19	3.4
8090	21.8	269.4	-19	8.7
8100	15.5	269.3	-19	12.2
8110	22.1	269.1	-19	14.9
8120	35.8	268.9	-18	21.5
8130	48.1	268.6	-18	26.6
8140	50.6	268.2	-18	45.2
8150	43.5	267.8	-17	52.9
8160	31.2	267.1	-17	69.4
8170	23.7	266.5	-16	70.0
8180	24.3	265.7	-15	67.8
8190	32.0	264.9	-14	81.1
8200	40.1	264.0	-14	98.5
8210	41.0	263.1	-13	99.0
8220	34.4	262.0	-12	98.2
8230	24.3	260.8	-10	128.8
8240	17.2	259.7	-9	122.7
8250	16.4	258.3	-8	126.9
8260	21.4	257.0	-7	130.9
8270	27.0	255.7	-5	137.1
8280	29.7	254.3	-4	144.5
8290	26.7	252.8	-2	152.5
8300	21.2	251.2	-1	159.2
8310	16.5	249.5	1	164.5
8320	16.0	247.9	3	168.2
8330	19.0	246.2	4	171.7
8340	23.5	244.4	6	175.9
8350	25.6	242.6	8	181.0
8360	24.1	240.8	10	186.6
8370	19.5	238.9	12	191.6
8380	15.9	236.9	14	194.8
8390	15.3	235.0	15	197.0
8400	18.4	233.0	17	199.1
8410	23.6	231.0	19	202.0
8420	26.6	228.9	22	206.0
8430	26.0	226.8	24	210.3
8440	23.2	224.7	26	214.5
8450	20.7	222.5	28	217.7
8460	19.8	220.3	30	219.6
8470	21.8	218.1	32	221.7
8480	25.0	215.9	35	223.8
8490	28.2	213.6	37	227.0
8500	29.0	211.3	39	231.0
8510	27.4	209.0	41	234.5
8520	22.2	206.6	44	237.4
8530	17.2	204.2	46	238.5
8540	16.3	201.8	49	238.8
8550	17.4	199.4	51	238.5
8560	19.1	197.1	53	238.5
8570	25.0	194.7	56	238.5
8580	29.7	192.3	58	240.6

8590	27.9	189.8	61	243.5
8600	22.0	187.4	63	245.9
8610	18.4	184.9	66	245.9
8620	19.1	182.5	68	245.7
8630	19.4	180.0	70	245.4
8640	19.8	177.6	73	244.9
8650	20.1	175.1	75	244.6
8660	20.9	172.7	78	244.1
8670	24.1	170.2	80	244.3
8680	27.8	167.8	83	245.4
8690	28.2	165.3	85	247.0
8700	25.4	162.8	88	248.6
8710	22.9	160.3	90	249.9
8720	22.2	157.8	93	250.5
8730	24.1	155.3	95	250.7
8740	27.3	152.8	98	251.5
8750	28.9	150.3	100	253.1
8760	27.4	147.7	103	255.3
8770	23.7	145.2	105	257.4
8780	20.9	142.6	108	257.9
8790	21.0	140.0	110	257.7
8800	23.2	137.4	113	258.5
8810	25.5	134.8	116	259.8
8820	25.5	132.2	118	261.4
8830	22.9	129.6	121	263.0
8840	19.1	127.0	123	264.3
8850	17.1	124.3	126	264.6
8860	16.7	121.7	129	264.3
8870	17.5	119.0	131	264.6
8880	19.0	116.4	134	265.1
8890	19.3	113.7	137	265.9
8900	16.8	111.0	139	266.7
8910	13.0	108.4	142	267.2
8920	11.7	105.7	145	267.5
8930	10.6	103.0	147	267.0
8940	9.9	100.4	150	265.9
8950	8.1	97.7	153	265.4
8960	-9.5	95.1	155	264.0
8970	-14.4	92.4	158	261.4
8980	-15.2	89.9	161	257.1
8990	-12.9	87.3	163	253.1
9000	-11.3	84.8	166	249.4
9010	-10.6	82.5	168	222.0
9020	-3.3	80.2	170	198.3
9030	6.0	78.3	172	178.6
9040	30.4	76.7	174	158.4
9050	43.0	75.5	175	118.2
9060	35.9	74.5	176	94.5
9070	9.8	73.7	177	73.4
9080	-2.0	73.1	177	56.9
9090	-18.2	72.6	178	42.5
9100	-32.3	72.3	178	27.4
9110	-33.6	72.1	178	20.4
9120	-21.4	71.9	179	13.0

9130	-17.9	71.8	179	6.3
9140	-20.3	71.8	179	1.8
9150	-34.6	71.8	179	-1.5
9160	-47.2	71.9	179	-10.9
9170	-51.1	72.1	178	-22.0
9180	-46.0	72.4	178	-31.9
9190	-35.3	72.9	178	-42.8
9200	-26.2	73.4	177	-52.1
9210	-26.7	74.0	176	-57.7
9220	-37.3	74.8	176	-79.6
9230	-47.9	75.5	175	-82.5
9240	-51.1	76.4	174	-85.9
9250	-43.5	77.5	173	-120.0
9260	-30.6	78.7	172	-132.3
9270	-22.1	80.0	170	-141.6
9280	-22.4	81.3	169	-148.2
9290	-28.5	82.7	168	-156.0
9300	-35.3	84.2	166	-150.4
9310	-36.2	85.8	165	-161.0
9320	-31.5	87.5	163	-171.4
9330	-26.3	89.3	161	-181.2
9340	-25.0	91.2	159	-189.5
9350	-27.9	93.1	157	-197.5
9360	-33.0	95.2	155	-206.5
9370	-34.7	97.3	153	-217.2
9380	-30.4	99.5	151	-228.4
9390	-22.0	101.9	149	-237.7
9400	-14.8	104.3	146	-245.4
9410	-13.8	106.8	144	-251.3
9420	-19.0	109.4	141	-257.4
9430	-24.0	112.0	138	-265.1
9440	-25.5	114.7	136	-273.9
9450	-21.7	117.6	133	-283.5
9460	-14.0	120.5	130	-291.5
9470	-11.7	123.4	127	-292.5
9480	-16.7	126.3	124	-293.1
9490	-24.1	129.2	121	-293.3
9500	-28.3	132.2	118	-294.1
9510	-28.3	135.1	115	-294.4
9520	-22.4	138.1	112	-293.9
9530	-15.6	141.0	109	-293.1
9540	-10.8	143.9	107	-292.8
9550	-9.2	146.9	104	-292.5
9560	-9.5	149.8	101	-292.5
9570	-11.3	152.7	98	-293.1
9580	-10.4	155.6	95	-293.1
9590	-6.5	158.6	92	-292.3
9600	-3.0	161.5	89	-292.3
9610	0.0	164.4	86	-292.0
9620	0.0	167.3	83	-291.5
9630	0.0	170.2	80	-291.2
9640	0.0	173.2	77	-291.2
9650	0.0	176.1	74	-291.5
9660	0.0	179.0	71	-291.5

9670	0.0	181.9	69	-291.5
9680	0.0	184.8	66	-291.2
9690	0.0	187.7	63	-290.9
9700	0.0	190.6	60	-290.7
9710	0.0	193.5	57	-290.1
9720	0.0	196.4	54	-290.1
9730	0.0	199.3	51	-290.1
9740	0.0	202.2	48	-290.1
9750	0.0	205.1	45	-290.4
9760	0.0	208.1	42	-290.7
9770	0.0	211.0	39	-290.7
9780	0.0	213.9	37	-290.4
9790	0.0	216.8	34	-290.1
9800	0.0	219.7	31	-289.6
9810	0.0	222.6	28	-289.1
9820	0.0	225.4	25	-288.5
9830	0.0	228.3	22	-287.7
9840	0.0	231.2	19	-287.2
9850	0.0	234.1	16	-285.1
9860	6.9	236.9	14	-281.6
9870	10.7	239.7	11	-276.3
9880	8.8	242.4	8	-270.7
9890	5.0	245.1	5	-265.9
9900	3.7	247.7	3	-262.7
9910	6.1	250.3	0	-259.3
9920	13.0	252.9	-2	-255.5
9930	19.9	255.4	-5	-249.7
9940	23.2	257.8	-7	-241.9
9950	22.9	260.2	-10	-230.5
9960	5.6	262.1	-12	-191.1
9970	-1.4	263.8	-13	-171.9
9980	-15.3	265.1	-15	-128.3
9990	-27.5	266.2	-16	-104.8
10000	-20.6	267.1	-17	-84.6
10010	0.0	267.8	-17	-59.6
10020	2.0	268.3	-18	-52.7
10030	32.7	268.8	-18	-35.1
10040	48.5	269.0	-19	-24.4
10050	48.5	269.2	-19	-8.5
10060	43.1	269.1	-19	3.9
10070	30.6	269.1	-19	11.4
10080	21.2	268.9	-18	17.3
10090	23.6	268.7	-18	24.2
10100	34.0	268.4	-18	33.0
10110	46.8	268.0	-18	38.3
10120	52.2	267.5	-17	44.9
10130	46.8	266.9	-16	69.4
10140	36.3	266.2	-16	74.2
10150	27.1	265.4	-15	91.0
10160	25.6	264.6	-14	88.6
10170	30.5	263.6	-13	85.4
10180	37.6	262.6	-12	112.6
10190	39.9	261.5	-11	122.7
10200	35.5	260.3	-10	121.3

10210	27.1	259.1	-9	116.8
10220	18.6	257.6	-7	136.5
10230	15.6	256.2	-6	141.3
10240	18.4	254.8	-4	145.3
10250	25.6	253.3	-3	150.6
10260	29.6	251.7	-1	157.6
10270	28.2	250.1	0	165.0
10280	22.0	248.4	2	171.7
10290	15.3	246.7	4	176.7
10300	12.9	244.9	6	179.7
10310	15.7	243.1	7	181.8
10320	21.4	241.2	9	185.0
10330	25.8	239.3	11	189.2
10340	25.6	237.4	13	194.6
10350	21.4	235.4	15	199.4
10360	16.7	233.4	17	202.8
10370	15.2	231.3	19	204.9
10380	17.2	229.3	21	206.3
10390	21.0	227.2	23	208.1
10400	24.0	225.1	25	211.3
10410	23.5	223.0	27	214.8
10420	20.2	220.8	30	217.5
10430	17.6	218.6	32	219.1
10440	17.2	216.4	34	220.4
10450	19.9	214.2	36	221.4
10460	23.6	212.0	38	223.3
10470	25.6	209.7	41	225.4
10480	24.7	207.4	43	228.4
10490	23.6	205.1	45	231.0
10500	23.5	202.8	48	232.4
10510	23.2	200.5	50	234.2
10520	19.0	198.1	52	235.8
10530	17.8	195.8	55	235.8
10540	18.0	193.4	57	235.6
10550	19.0	191.0	59	235.3
10560	22.1	188.7	62	235.0
10570	28.1	186.3	64	236.4
10580	31.2	184.0	66	238.5
10590	28.1	181.5	69	241.4
10600	21.0	179.1	71	243.3
10610	19.5	176.7	74	243.3
10620	19.9	174.3	76	242.7
10630	20.7	171.8	79	242.5
10640	23.5	169.4	81	242.5
10650	28.2	167.0	83	243.5
10660	29.7	164.5	86	245.7
10670	27.4	162.0	88	247.8
10680	23.6	159.6	91	249.4
10690	20.7	157.1	93	249.9
10700	21.2	154.6	96	249.7
10710	24.7	152.1	98	249.9
10720	29.2	149.5	101	251.3
10730	30.9	147.0	103	253.7
10740	28.7	144.5	106	256.6

10750	24.8	141.9	109	258.5
10760	22.1	139.3	111	260.0
10770	22.6	136.7	114	260.3
10780	25.9	134.1	116	261.6
10790	28.5	131.4	119	263.2
10800	28.1	128.8	122	265.9
10810	23.7	126.1	124	268.3
10820	19.3	123.4	127	270.2
10830	16.7	120.7	130	270.4
10840	17.0	118.0	132	270.4
10850	18.8	115.3	135	271.0
10860	20.6	112.6	138	272.0
10870	19.4	109.9	141	273.4
10880	15.3	107.1	143	274.7
10890	11.7	104.4	146	274.7
10900	10.6	101.6	149	274.7
10910	9.8	98.9	152	274.2
10920	8.8	96.1	154	273.6
10930	7.3	93.4	157	272.8
10940	-8.1	90.7	160	271.5
10950	-14.0	88.0	162	268.6
10960	-17.4	85.3	165	264.3
10970	-17.5	82.7	168	258.5
10980	-7.7	80.4	170	212.9
10990	5.8	78.4	172	191.1
11000	32.7	76.7	174	151.7
11010	50.2	75.4	175	124.3
11020	43.8	74.4	176	98.2
11030	15.1	73.6	177	75.3
11040	-3.0	73.0	177	57.5
11050	-19.8	72.5	178	42.3
11060	-34.3	72.2	178	26.8
11070	-32.8	71.9	179	20.2
11080	-21.0	71.8	179	11.1
11090	-15.2	71.7	179	9.0
11100	-20.1	71.7	179	4.7
11110	-35.1	71.6	179	-1.0
11120	-46.5	71.7	179	-7.4
11130	-49.8	71.9	179	-21.5
11140	-42.7	72.2	178	-36.7
11150	-30.9	72.6	178	-48.4
11160	-22.2	73.1	177	-58.0
11170	-23.6	73.7	177	-59.1
11180	-36.1	74.3	176	-73.2
11190	-47.5	75.0	175	-76.6
11200	-50.3	75.9	175	-80.3
11210	-42.4	76.9	174	-112.8
11220	-29.7	78.1	172	-123.5
11230	-22.4	79.3	171	-133.9
11240	-24.1	80.5	170	-128.3
11250	-31.7	81.8	169	-121.6
11260	-37.0	83.3	167	-144.8
11270	-36.3	84.8	166	-155.4
11280	-30.4	86.5	164	-166.1

11290	-25.1	88.2	162	-175.4
11300	-25.2	90.0	160	-183.1
11310	-30.0	91.9	159	-191.6
11320	-34.8	93.9	157	-201.5
11330	-35.0	96.0	154	-212.1
11340	-29.7	98.2	152	-223.3
11350	-21.0	100.5	150	-232.6
11360	-14.4	102.9	148	-239.6
11370	-14.0	105.3	145	-245.4
11380	-19.3	107.8	143	-251.3
11390	-24.3	110.4	140	-258.7
11400	-25.8	113.0	137	-267.5
11410	-21.8	115.8	135	-276.8
11420	-14.9	118.6	132	-285.1
11430	-8.5	121.5	129	-291.2
11440	-8.1	124.4	126	-292.0
11450	-14.0	127.4	123	-292.5
11460	-19.7	130.3	120	-293.1
11470	-21.8	133.2	117	-293.3
11480	-18.7	136.2	114	-293.6
11490	-11.7	139.1	111	-293.1
11500	-5.0	142.0	108	-292.5
11510	-2.4	144.9	106	-292.0
11520	-2.0	147.9	103	-292.0
11530	-4.3	150.8	100	-292.0
11540	-5.8	153.7	97	-292.3
11550	-4.9	156.6	94	-292.5
11560	-1.2	159.5	91	-291.5
11570	0.0	162.5	88	-291.7
11580	0.0	165.4	85	-291.5
11590	0.0	168.3	82	-291.2
11600	0.0	171.2	79	-290.9
11610	0.0	174.1	76	-291.2
11620	0.0	177.0	73	-291.5
11630	0.0	179.9	71	-291.2
11640	0.0	182.9	68	-290.9
11650	0.0	185.8	65	-290.7
11660	0.0	188.7	62	-290.7
11670	0.0	191.6	59	-290.4
11680	0.0	194.5	56	-290.4
11690	0.0	197.4	53	-290.1
11700	0.0	200.3	50	-289.6
11710	0.0	203.2	47	-289.1
11720	0.0	206.1	44	-288.5
11730	0.0	208.9	42	-288.3
11740	0.0	211.8	39	-287.5
11750	0.0	214.7	36	-285.9
11760	0.0	217.5	33	-282.7
11770	1.4	220.3	30	-278.2
11780	0.0	223.1	27	-274.2
11790	0.0	225.8	25	-271.5
11800	0.0	228.5	22	-270.7
11810	0.0	231.2	19	-270.4
11820	0.0	233.9	17	-268.8

11830	6.6	236.6	14	-265.1
11840	12.2	239.2	11	-260.0
11850	12.7	241.7	9	-253.1
11860	9.9	244.2	6	-247.3
11870	6.9	246.6	4	-242.7
11880	7.6	249.0	1	-239.0
11890	11.1	251.4	-1	-234.5
11900	17.9	253.7	-3	-229.2
11910	22.8	256.0	-6	-222.0
11920	23.7	258.1	-8	-214.0
11930	21.0	260.2	-10	-222.5
11940	5.2	261.9	-11	-169.8
11950	-0.5	263.3	-13	-143.4
11960	-5.6	264.6	-14	-107.0
11970	-14.1	265.6	-15	-99.8
11980	-6.4	266.5	-16	-82.7
11990	0.0	267.2	-17	-60.6
12000	10.3	267.8	-17	-60.1
12010	37.0	268.3	-18	-42.8
12020	50.2	268.6	-18	-25.8
12030	49.4	268.8	-18	-13.3
12040	40.8	268.8	-18	0.5
12050	31.2	268.8	-18	5.0
12060	23.1	268.6	-18	14.1
12070	25.9	268.5	-18	20.2
12080	36.6	268.2	-18	27.1
12090	45.8	267.9	-17	33.8
12100	48.5	267.5	-17	45.5
12110	42.7	267.0	-17	52.1
12120	33.5	266.3	-16	68.6
12130	27.3	265.6	-15	68.6
12140	28.1	264.7	-14	91.3
12150	34.4	263.9	-13	89.9
12160	40.5	262.9	-12	88.6
12170	41.9	261.8	-11	119.2
12180	36.2	260.7	-10	118.4
12190	27.5	259.4	-9	114.4
12200	20.2	258.1	-8	134.1
12210	19.0	256.7	-6	138.9
12220	23.3	255.2	-5	144.0
12230	30.8	253.8	-3	150.4
12240	33.2	252.2	-2	158.6
12250	30.1	250.5	0	167.7
12260	23.2	248.8	2	174.6
12270	16.5	247.0	3	179.9
12280	15.3	245.2	5	183.4
12290	19.5	243.3	7	186.3
12300	26.0	241.4	9	190.3
12310	29.6	239.5	11	196.2
12320	27.1	237.5	13	202.3
12330	21.3	235.4	15	207.3
12340	15.6	233.3	17	210.8
12350	14.1	231.2	19	212.4
12360	17.0	229.1	21	213.7

12370	21.2	226.9	24	215.6
12380	23.7	224.7	26	218.3
12390	22.2	222.5	28	221.4
12400	17.6	220.3	30	224.1
12410	14.2	218.1	32	225.2
12420	13.8	215.8	35	225.2
12430	17.0	213.5	37	224.9
12440	21.6	211.3	39	225.7
12450	25.4	209.0	41	227.6
12460	25.6	206.7	44	230.0
12470	23.3	204.4	46	232.4
12480	20.1	202.1	48	234.2
12490	18.2	199.7	51	234.5
12500	18.8	197.4	53	234.8
12510	21.7	195.0	55	234.8
12520	25.1	192.7	58	235.8
12530	24.4	190.3	60	238.2
12540	20.1	187.9	63	239.0
12550	18.6	185.5	65	239.3
12560	19.1	183.1	67	238.5
12570	19.4	180.7	70	238.5
12580	20.3	178.4	72	238.2
12590	24.5	176.0	74	238.0
12600	30.5	173.6	77	239.0
12610	31.3	171.2	79	241.7
12620	26.2	168.7	82	244.6
12630	20.5	166.3	84	245.7
12640	19.8	163.8	87	245.4
12650	20.3	161.4	89	244.6
12660	21.0	158.9	92	244.6
12670	22.6	156.5	94	244.9
12680	25.5	154.0	96	245.1
12690	26.4	151.6	99	246.2
12700	24.7	149.1	101	248.1
12710	21.4	146.6	104	248.9
12720	19.4	144.1	106	248.9
12730	19.5	141.6	109	248.9
12740	20.7	139.2	111	248.6
12750	22.4	136.7	114	249.1
12760	23.3	134.2	116	249.9
12770	22.0	131.7	119	250.5
12780	19.3	129.2	121	251.3
12790	16.8	126.6	124	251.5
12800	16.1	124.1	126	251.5
12810	15.9	121.6	129	250.7
12820	15.5	119.1	131	250.7
12830	14.6	116.6	134	250.7
12840	13.8	114.1	136	250.2
12850	13.0	111.6	139	249.7
12860	12.2	109.1	141	249.4
12870	11.1	106.6	144	249.1
12880	-9.2	104.1	146	248.1
12890	-16.1	101.7	149	245.4
12900	-18.8	99.2	151	241.7

12910	-15.5	96.8	154	237.2
12920	-9.9	94.5	156	233.7
12930	-7.7	92.2	158	231.3
12940	-8.9	89.9	161	228.9
12950	-14.1	87.6	163	226.0
12960	-19.9	85.4	165	221.4
12970	-23.3	83.2	167	215.1
12980	-19.9	81.3	169	182.3
12990	1.4	79.4	171	187.6
13000	5.7	78.0	172	143.4
13010	18.4	76.7	174	120.0
13020	21.2	75.7	175	100.3
13030	9.6	74.7	176	90.5
13040	-1.1	74.1	176	59.6
13050	-17.2	73.5	177	54.3
13060	-36.9	73.1	177	41.5
13070	-41.9	72.7	178	34.0
13080	-35.8	72.5	178	20.2
13090	-25.9	72.4	178	10.9
13100	-19.5	72.3	178	5.0
13110	-23.5	72.3	178	0.0
13120	-35.0	72.3	178	-3.4
13130	-44.2	72.4	178	-12.2
13140	-44.9	72.6	178	-24.7
13150	-38.1	73.0	177	-41.2
13160	-28.2	73.4	177	-47.6
13170	-22.6	73.9	177	-55.3
13180	-26.6	74.6	176	-56.1
13190	-37.0	75.3	175	-77.2
13200	-44.2	76.0	174	-80.1
13210	-43.5	76.9	174	-82.7
13220	-35.0	78.0	172	-114.2
13230	-25.1	79.1	171	-124.0
13240	-21.7	80.2	170	-132.0
13250	-25.9	81.5	169	-138.7
13260	-32.5	82.7	168	-120.3
13270	-37.3	84.2	166	-143.4
13280	-34.6	85.7	165	-154.4
13290	-28.3	87.4	163	-164.7
13300	-24.3	89.1	161	-173.5
13310	-25.1	90.9	160	-181.0
13320	-29.3	92.7	158	-189.0
13330	-32.4	94.7	156	-198.6
13340	-31.5	96.8	154	-208.9
13350	-25.5	98.9	152	-218.8
13360	-18.4	101.2	149	-226.8
13370	-14.1	103.5	147	-233.4
13380	-15.2	105.9	145	-239.6
13390	-20.2	108.3	142	-245.7
13400	-24.0	110.8	140	-253.7
13410	-22.9	113.4	137	-262.2
13420	-17.6	116.1	134	-270.7
13430	-11.4	118.9	132	-277.6
13440	-6.8	121.7	129	-282.7

13450	-7.3	124.6	126	-287.5
13460	-11.4	127.5	123	-292.0
13470	-17.0	130.4	120	-293.1
13480	-22.2	133.3	117	-293.3
13490	-24.0	136.3	114	-293.9
13500	-20.7	139.2	111	-294.1
13510	-15.5	142.1	108	-293.3
13520	-11.9	145.1	105	-293.3
13530	-9.9	148.0	102	-293.1
13540	-10.4	150.9	100	-293.1
13550	-11.3	153.9	97	-293.3
13560	-11.0	156.8	94	-293.1
13570	-9.5	159.7	91	-292.5
13580	-8.9	162.7	88	-292.5
13590	-7.7	165.6	85	-292.8
13600	-6.6	168.5	82	-292.5
13610	-5.6	171.4	79	-292.5
13620	-3.3	174.4	76	-292.3
13630	-1.8	177.3	73	-292.3
13640	0.0	180.2	70	-292.0
13650	0.0	183.1	67	-291.7
13660	0.0	186.0	64	-291.5
13670	0.0	188.9	62	-291.2
13680	0.0	191.9	59	-290.9
13690	0.0	194.8	56	-290.7
13700	0.0	197.7	53	-290.7
13710	0.0	200.6	50	-290.9
13720	0.0	203.5	47	-290.7
13730	0.0	206.4	44	-290.7
13740	0.0	209.3	41	-290.7
13750	0.0	212.2	38	-290.1
13760	0.0	215.1	35	-289.6
13770	0.0	218.0	32	-289.3
13780	0.0	220.9	30	-288.5
13790	0.0	223.8	27	-287.7
13800	0.0	226.6	24	-287.2
13810	0.0	229.5	21	-285.9
13820	2.8	232.3	18	-282.4
13830	4.7	235.1	15	-278.2
13840	3.8	237.9	13	-273.6
13850	1.6	240.6	10	-270.2
13860	1.6	243.3	7	-267.2
13870	4.7	245.9	5	-264.3
13880	9.6	248.5	2	-260.6
13890	14.1	251.1	-1	-255.8
13900	17.9	253.6	-3	-249.4
13910	18.8	256.1	-6	-242.7
13920	18.0	258.4	-8	-235.6
13930	14.1	260.6	-10	-197.8
13940	-0.8	262.5	-12	-179.9
13950	-5.2	264.1	-14	-161.3
13960	-22.2	265.3	-15	-120.8
13970	-26.3	266.3	-16	-98.7
13980	-14.5	267.2	-17	-79.8

13990	0.0	267.9	-17	-56.1
14000	7.5	268.4	-18	-50.0
14010	36.1	268.8	-18	-33.2
14020	46.8	269.1	-19	-23.4
14030	42.6	269.2	-19	-7.1
14040	37.2	269.2	-19	2.9
14050	23.9	269.1	-19	8.2
14060	16.5	269.0	-19	16.5
14070	21.6	268.8	-18	21.2
14080	34.3	268.5	-18	27.4
14090	46.4	268.2	-18	37.2
14100	50.0	267.8	-17	45.2
14110	43.1	267.2	-17	63.3
14120	33.4	266.6	-16	68.4
14130	26.3	265.8	-15	83.8
14140	27.9	265.1	-15	81.9
14150	35.3	264.2	-14	79.8
14160	42.6	263.2	-13	107.2
14170	43.0	262.2	-12	107.8
14180	36.1	261.0	-11	106.4
14190	24.5	259.7	-9	139.7
14200	16.4	258.4	-8	145.8
14210	14.5	257.1	-7	136.3
14220	19.3	255.7	-5	140.5
14230	28.1	254.2	-4	145.6
14240	31.9	252.7	-2	153.3
14250	29.4	251.1	-1	161.8
14260	22.6	249.4	1	169.0
14270	16.5	247.7	3	174.3
14280	15.1	245.9	5	177.8
14290	19.7	244.1	6	181.2
14300	27.0	242.3	8	185.2
14310	31.2	240.4	10	191.6
14320	28.9	238.4	12	198.3
14330	22.0	236.4	14	204.4
14340	15.3	234.3	16	207.9
14350	14.2	232.2	18	209.7
14360	18.0	230.1	20	211.6
14370	23.5	228.0	22	213.7
14380	26.6	225.8	25	217.5
14390	25.4	223.6	27	221.4
14400	20.3	221.4	29	225.2
14410	16.3	219.1	31	227.3
14420	15.7	216.8	34	227.8
14430	19.4	214.5	36	228.4
14440	24.1	212.2	38	230.2
14450	26.0	209.9	41	232.6
14460	24.3	207.6	43	235.6
14470	21.4	205.2	45	237.4
14480	20.6	202.8	48	239.0
14490	20.9	200.4	50	239.8
14500	21.7	198.0	52	240.6
14510	19.8	195.6	55	241.4
14520	18.6	193.2	57	241.7

14530	18.3	190.8	60	241.9
14540	19.0	188.4	62	241.1
14550	20.7	185.9	65	241.1
14560	24.8	183.5	67	241.1
14570	27.7	181.1	69	242.5
14580	25.9	178.7	72	244.3
14590	22.4	176.2	74	245.7
14600	20.1	173.7	77	245.9
14610	20.2	171.3	79	245.4
14620	20.6	168.8	82	245.1
14630	22.4	166.4	84	245.1
14640	26.3	163.9	87	245.7
14650	28.9	161.5	89	247.0
14660	28.9	159.0	91	249.1
14670	25.1	156.5	94	251.3
14680	22.1	154.0	96	252.1
14690	21.4	151.4	99	252.6
14700	22.9	148.9	102	252.9
14710	25.4	146.4	104	253.7
14720	25.9	143.8	107	254.7
14730	24.7	141.3	109	256.3
14740	21.4	138.7	112	257.7
14750	19.3	136.1	114	257.9
14760	19.0	133.5	117	257.9
14770	20.2	130.9	120	257.9
14780	21.6	128.4	122	258.5
14790	21.7	125.8	125	259.3
14800	19.7	123.2	127	260.6
14810	16.5	120.6	130	261.1
14820	15.1	118.0	132	260.8
14830	14.1	115.3	135	260.6
14840	13.6	112.7	138	260.0
14850	12.7	110.1	140	259.5
14860	11.9	107.5	143	259.5
14870	11.1	105.0	145	259.0
14880	10.0	102.4	148	257.9
14890	-9.5	99.8	151	256.9
14900	-14.5	97.3	153	254.5
14910	-16.5	94.7	156	251.0
14920	-16.0	92.3	158	246.5
14930	-13.2	89.8	161	242.5
14940	-11.7	87.4	163	238.5
14950	-14.5	85.1	165	234.8
14960	-19.5	82.8	168	230.2
14970	-18.0	80.7	170	190.0
14980	1.9	78.8	172	174.1
14990	7.6	77.3	173	156.8
15000	19.0	76.1	174	117.4
15010	17.9	75.1	175	96.3
15020	4.6	74.3	176	77.2
15030	-1.2	73.6	177	61.7
15040	-18.2	73.1	177	43.1
15050	-36.1	72.7	178	35.6
15060	-41.2	72.4	178	26.8

15070	-35.4	72.3	178	13.5
15080	-27.0	72.2	178	3.9
15090	-22.8	72.2	178	-1.8
15100	-33.5	72.2	178	-5.8
15110	-44.6	72.4	178	-13.3
15120	-49.9	72.6	178	-26.3
15130	-48.7	73.0	177	-36.2
15140	-40.0	73.5	177	-59.1
15150	-31.6	74.1	176	-70.8
15160	-29.4	74.8	176	-73.4
15170	-35.3	75.6	175	-73.2
15180	-44.3	76.5	174	-100.3
15190	-48.1	77.5	173	-92.9
15200	-43.3	78.6	172	-127.5
15210	-33.4	79.9	171	-140.2
15220	-25.6	81.2	169	-150.1
15230	-24.7	82.7	168	-158.4
15240	-30.6	84.2	166	-151.2
15250	-36.9	85.7	165	-161.0
15260	-39.7	87.4	163	-171.9
15270	-36.5	89.2	161	-183.9
15280	-30.4	91.2	159	-195.1
15290	-26.2	93.2	157	-204.1
15300	-26.7	95.3	155	-212.7
15310	-30.5	97.5	153	-221.7
15320	-31.9	99.8	151	-231.8
15330	-28.1	102.2	148	-242.2
15340	-21.2	104.7	146	-251.3
15350	-16.0	107.2	143	-258.7
15360	-14.4	109.9	141	-265.4
15370	-16.1	112.6	138	-271.2
15380	-20.2	115.3	135	-278.4
15390	-20.5	118.2	132	-286.4
15400	-16.5	121.1	129	-292.8
15410	-14.2	124.0	126	-293.1
15420	-15.1	127.0	123	-293.3
15430	-16.7	129.9	121	-293.3
15440	-18.2	132.8	118	-293.1
15450	-17.6	135.8	115	-293.6
15460	-14.1	138.7	112	-293.1
15470	-10.2	141.6	109	-292.8
15480	-7.7	144.5	106	-292.5
15490	-6.0	147.5	103	-292.8
15500	-5.8	150.4	100	-292.5
15510	-6.0	153.3	97	-293.1
15520	-4.7	156.3	94	-292.8
15530	-2.0	159.2	91	-292.3
15540	-0.9	162.1	88	-291.7
15550	0.0	165.0	85	-291.7
15560	0.0	167.9	83	-291.5
15570	0.0	170.9	80	-291.7
15580	0.0	173.8	77	-291.2
15590	0.0	176.7	74	-291.5
15600	0.0	179.6	71	-291.5

15610	0.0	182.5	68	-291.2
15620	0.0	185.4	65	-290.9
15630	0.0	188.3	62	-290.9
15640	0.0	191.2	59	-290.4
15650	0.0	194.1	56	-290.1
15660	0.0	197.0	53	-290.1
15670	0.0	199.9	51	-290.1
15680	0.0	202.8	48	-289.3
15690	0.0	205.7	45	-288.8
15700	0.0	208.6	42	-288.3
15710	0.0	211.5	39	-287.7
15720	0.0	214.4	36	-287.2
15730	0.0	217.2	33	-286.4
15740	0.0	220.1	30	-286.1
15750	0.0	222.9	28	-283.5
15760	2.4	225.7	25	-279.5
15770	3.0	228.5	22	-274.7
15780	0.3	231.2	19	-270.4
15790	0.0	233.9	17	-267.2
15800	0.0	236.5	14	-264.6
15810	3.7	239.2	11	-261.6
15820	10.3	241.8	9	-257.1
15830	15.7	244.3	6	-251.3
15840	17.6	246.7	4	-244.6
15850	16.8	249.1	1	-237.4
15860	15.1	251.5	-1	-231.0
15870	16.7	253.7	-3	-225.2
15880	21.2	255.9	-5	-218.5
15890	26.3	258.1	-8	-210.3
15900	28.9	260.1	-10	-218.0
15910	17.0	261.7	-11	-165.8
15920	0.0	263.2	-13	-140.8
15930	0.0	264.4	-14	-106.7
15940	0.0	265.5	-15	-99.0
15950	0.0	266.3	-16	-82.7
15960	0.0	267.1	-17	-61.4
15970	10.2	267.7	-17	-61.2
15980	34.7	268.1	-18	-43.6
15990	49.9	268.5	-18	-26.8
16000	52.5	268.6	-18	-15.4
16010	50.7	268.7	-18	1.0
16020	37.4	268.6	-18	5.8
16030	26.7	268.5	-18	17.0
16040	25.5	268.3	-18	21.2
16050	32.7	268.0	-18	27.6
16060	42.4	267.7	-17	32.2
16070	47.6	267.2	-17	51.6