

TABLEAU / TABLE / CUADRO / 表 / ТАБЛИЦА / 1

ORIENTATION DES ANGLES ALPHA ET BETA  
 ORIENTATION OF ALPHA AND BETA ANGLES  
 ORIENTACIÓN DE LOS ANGULOS ALPHA Y BETA  
 方向角  $\alpha$  和  $\beta$   
 УГЛЫ ОРИЕНТАЦИИ АЛЬФА И БЕТА

INSAT-NAV-NGSA

Temps Time Тiempo 时间 Время	Latitude Latitud 纬度 Широта	Longitude Longitud 经度 Долгота	Distance Range Distancia 距离 Расстояние  (km / км)	Alpha	Beta
0	0.0	46.8	37108.3	326.4	5.9
60	0.2	46.7	37111.2	326.1	5.9
120	0.3	46.6	37114.1	325.9	5.9
180	0.5	46.6	37117.1	325.6	5.9
240	0.7	46.5	37120.2	325.4	5.9
300	0.8	46.4	37123.3	325.1	5.9
360	1.0	46.4	37126.5	324.9	5.9
420	1.2	46.3	37129.8	324.7	5.9
480	1.3	46.2	37133.0	324.4	5.9
540	1.5	46.2	37136.4	324.2	5.9
600	1.7	46.1	37139.8	324.0	5.9
660	1.9	46.1	37143.3	323.7	5.9
720	2.0	46.0	37146.8	323.5	5.9
780	2.2	45.9	37150.4	323.3	5.9
840	2.4	45.9	37154.0	323.0	5.9
900	2.5	45.8	37157.7	322.8	5.9
960	2.7	45.7	37161.4	322.6	5.9
1020	2.9	45.7	37165.2	322.4	5.9
1080	3.0	45.6	37169.1	322.1	6.0
1140	3.2	45.6	37173.0	321.9	6.0
1200	3.4	45.5	37176.9	321.7	6.0
1260	3.5	45.4	37180.9	321.5	6.0
1320	3.7	45.4	37185.0	321.3	6.0
1380	3.9	45.3	37189.1	321.0	6.0
1440	4.0	45.2	37193.2	320.8	6.0
1500	4.2	45.2	37197.4	320.6	6.0
1560	4.4	45.1	37201.7	320.4	6.0
1620	4.6	45.1	37206.0	320.2	6.0
1680	4.7	45.0	37210.3	320.0	6.0
1740	4.9	44.9	37214.7	319.8	6.0
1800	5.1	44.9	37219.2	319.6	6.0

1860	5.2	44.8	37223.7	319.4	6.0
1920	5.4	44.7	37228.2	319.2	6.0
1980	5.6	44.7	37232.8	319.0	6.0
2040	5.7	44.6	37237.4	318.8	6.0
2100	5.9	44.6	37242.1	318.6	6.0
2160	6.1	44.5	37246.8	318.4	6.1
2220	6.2	44.4	37251.6	318.2	6.1
2280	6.4	44.4	37256.4	318.0	6.1
2340	6.6	44.3	37261.3	317.8	6.1
2400	6.7	44.3	37266.2	317.6	6.1
2460	6.9	44.2	37271.1	317.4	6.1
2520	7.1	44.1	37276.1	317.2	6.1
2580	7.2	44.1	37281.1	317.0	6.1
2640	7.4	44.0	37286.2	316.9	6.1
2700	7.6	44.0	37291.3	316.7	6.1
2760	7.7	43.9	37296.5	316.5	6.1
2820	7.9	43.8	37301.7	316.3	6.1
2880	8.1	43.8	37306.9	316.1	6.1
2940	8.2	43.7	37312.1	316.0	6.1
3000	8.4	43.7	37317.5	315.8	6.1
3060	8.6	43.6	37322.8	315.6	6.2
3120	8.7	43.5	37328.2	315.4	6.2
3180	8.9	43.5	37333.6	315.3	6.2
3240	9.1	43.4	37339.0	315.1	6.2
3300	9.2	43.4	37344.5	314.9	6.2
3360	9.4	43.3	37350.0	314.8	6.2
3420	9.6	43.2	37355.6	314.6	6.2
3480	9.7	43.2	37361.2	314.4	6.2
3540	9.9	43.1	37366.8	314.3	6.2
3600	10.1	43.1	37372.4	314.1	6.2
3660	10.2	43.0	37378.1	314.0	6.2
3720	10.4	43.0	37383.8	313.8	6.2

3780	10.6	42.9	37389.6	313.6	6.2
3840	10.7	42.8	37395.4	313.5	6.2
3900	10.9	42.8	37401.2	313.3	6.3
3960	11.0	42.7	37407.0	313.2	6.3
4020	11.2	42.7	37412.9	313.0	6.3
4080	11.4	42.6	37418.8	312.9	6.3
4140	11.5	42.6	37424.7	312.7	6.3
4200	11.7	42.5	37430.6	312.6	6.3
4260	11.9	42.5	37436.6	312.5	6.3
4320	12.0	42.4	37442.6	312.3	6.3
4380	12.2	42.3	37448.6	312.2	6.3
4440	12.4	42.3	37454.7	312.0	6.3
4500	12.5	42.2	37460.8	311.9	6.3
4560	12.7	42.2	37466.9	311.8	6.3
4620	12.9	42.1	37473.0	311.6	6.3
4680	13.0	42.1	37479.1	311.5	6.4
4740	13.2	42.0	37485.3	311.4	6.4
4800	13.3	42.0	37491.5	311.2	6.4
4860	13.5	41.9	37497.7	311.1	6.4
4920	13.7	41.9	37503.9	311.0	6.4
4980	13.8	41.8	37510.2	310.9	6.4
5040	14.0	41.8	37516.4	310.7	6.4
5100	14.2	41.7	37522.7	310.6	6.4
5160	14.3	41.7	37529.0	310.5	6.4
5220	14.5	41.6	37535.3	310.4	6.4
5280	14.6	41.6	37541.7	310.3	6.4
5340	14.8	41.5	37548.0	310.2	6.4
5400	15.0	41.5	37554.4	310.0	6.4
5460	15.1	41.4	37560.8	309.9	6.5
5520	15.3	41.4	37567.2	309.8	6.5
5580	15.4	41.3	37573.6	309.7	6.5
5640	15.6	41.3	37580.0	309.6	6.5
5700	15.8	41.2	37586.4	309.5	6.5
5760	15.9	41.2	37592.9	309.4	6.5
5820	16.1	41.1	37599.3	309.3	6.5
5880	16.2	41.1	37605.8	309.2	6.5
5940	16.4	41.0	37612.3	309.1	6.5
6000	16.6	41.0	37618.8	309.0	6.5
6060	16.7	40.9	37625.3	308.9	6.5
6120	16.9	40.9	37631.8	308.8	6.5
6180	17.0	40.8	37638.3	308.7	6.5
6240	17.2	40.8	37644.8	308.6	6.5
6300	17.4	40.7	37651.3	308.5	6.6
6360	17.5	40.7	37657.9	308.4	6.6
6420	17.7	40.6	37664.4	308.3	6.6
6480	17.8	40.6	37670.9	308.3	6.6
6540	18.0	40.6	37677.5	308.2	6.6
6600	18.1	40.5	37684.0	308.1	6.6
6660	18.3	40.5	37690.6	308.0	6.6
6720	18.5	40.4	37697.1	307.9	6.6

6780	18.6	40.4	37703.7	307.8	6.6
6840	18.8	40.3	37710.3	307.8	6.6
6900	18.9	40.3	37716.8	307.7	6.6
6960	19.1	40.3	37723.4	307.6	6.6
7020	19.2	40.2	37729.9	307.5	6.6
7080	19.4	40.2	37736.5	307.5	6.7
7140	19.5	40.1	37743.1	307.4	6.7
7200	19.7	40.1	37749.6	307.3	6.7
7260	19.9	40.1	37756.2	307.3	6.7
7320	20.0	40.0	37762.7	307.2	6.7
7380	20.2	40.0	37769.3	307.1	6.7
7440	20.3	39.9	37775.8	307.1	6.7
7500	20.5	39.9	37782.3	307.0	6.7
7560	20.6	39.9	37788.9	306.9	6.7
7620	20.8	39.8	37795.4	306.9	6.7
7680	20.9	39.8	37801.9	306.8	6.7
7740	21.1	39.8	37808.4	306.8	6.7
7800	21.2	39.7	37814.9	306.7	6.7
7860	21.4	39.7	37821.4	306.6	6.7
7920	21.5	39.7	37827.9	306.6	6.7
7980	21.7	39.6	37834.4	306.5	6.8
8040	21.8	39.6	37840.8	306.5	6.8
8100	22.0	39.6	37847.3	306.4	6.8
8160	22.1	39.5	37853.7	306.4	6.8
8220	22.3	39.5	37860.2	306.3	6.8
8280	22.4	39.5	37866.6	306.3	6.8
8340	22.6	39.4	37873.0	306.3	6.8
8400	22.7	39.4	37879.4	306.2	6.8
8460	22.9	39.4	37885.7	306.2	6.8
8520	23.0	39.3	37892.1	306.1	6.8
8580	23.2	39.3	37898.5	306.1	6.8
8640	23.3	39.3	37904.8	306.0	6.8
8700	23.5	39.3	37911.1	306.0	6.8
8760	23.6	39.2	37917.4	306.0	6.8
8820	23.8	39.2	37923.7	305.9	6.8
8880	23.9	39.2	37929.9	305.9	6.8
8940	24.1	39.1	37936.2	305.9	6.9
9000	24.2	39.1	37942.4	305.8	6.9
9060	24.4	39.1	37948.6	305.8	6.9
9120	24.5	39.1	37954.8	305.8	6.9
9180	24.7	39.0	37961.0	305.8	6.9
9240	24.8	39.0	37967.1	305.7	6.9
9300	24.9	39.0	37973.2	305.7	6.9
9360	25.1	39.0	37979.3	305.7	6.9
9420	25.2	39.0	37985.4	305.7	6.9
9480	25.4	38.9	37991.4	305.6	6.9
9540	25.5	38.9	37997.5	305.6	6.9
9600	25.7	38.9	38003.5	305.6	6.9
9660	25.8	38.9	38009.5	305.6	6.9
9720	25.9	38.8	38015.4	305.6	6.9

9780	26.1	38.8	38021.3	305.5	6.9
9840	26.2	38.8	38027.2	305.5	6.9
9900	26.4	38.8	38033.1	305.5	6.9
9960	26.5	38.8	38039.0	305.5	6.9
10020	26.7	38.8	38044.8	305.5	7.0
10080	26.8	38.7	38050.6	305.5	7.0
10140	26.9	38.7	38056.3	305.5	7.0
10200	27.1	38.7	38062.1	305.5	7.0
10260	27.2	38.7	38067.8	305.5	7.0
10320	27.3	38.7	38073.4	305.5	7.0
10380	27.5	38.7	38079.1	305.4	7.0
10440	27.6	38.7	38084.7	305.4	7.0
10500	27.8	38.6	38090.3	305.4	7.0
10560	27.9	38.6	38095.8	305.4	7.0
10620	28.0	38.6	38101.3	305.4	7.0
10680	28.2	38.6	38106.8	305.4	7.0
10740	28.3	38.6	38112.3	305.4	7.0
10800	28.4	38.6	38117.7	305.4	7.0
10860	28.6	38.6	38123.0	305.4	7.0
10920	28.7	38.6	38128.4	305.5	7.0
10980	28.8	38.6	38133.7	305.5	7.0
11040	29.0	38.6	38139.0	305.5	7.0
11100	29.1	38.6	38144.2	305.5	7.0
11160	29.2	38.6	38149.4	305.5	7.0
11220	29.4	38.5	38154.6	305.5	7.0
11280	29.5	38.5	38159.7	305.5	7.1
11340	29.6	38.5	38164.8	305.5	7.1
11400	29.8	38.5	38169.8	305.5	7.1
11460	29.9	38.5	38174.8	305.5	7.1
11520	30.0	38.5	38179.8	305.6	7.1
11580	30.1	38.5	38184.7	305.6	7.1
11640	30.3	38.5	38189.6	305.6	7.1
11700	30.4	38.5	38194.5	305.6	7.1
11760	30.5	38.5	38199.3	305.6	7.1
11820	30.7	38.5	38204.0	305.7	7.1
11880	30.8	38.5	38208.8	305.7	7.1
11940	30.9	38.5	38213.4	305.7	7.1
12000	31.0	38.5	38218.1	305.7	7.1
12060	31.2	38.6	38222.7	305.7	7.1
12120	31.3	38.6	38227.2	305.8	7.1
12180	31.4	38.6	38231.7	305.8	7.1
12240	31.5	38.6	38236.2	305.8	7.1
12300	31.7	38.6	38240.6	305.8	7.1
12360	31.8	38.6	38245.0	305.9	7.1
12420	31.9	38.6	38249.3	305.9	7.1
12480	32.0	38.6	38253.6	305.9	7.1
12540	32.1	38.6	38257.9	306.0	7.1
12600	32.3	38.6	38262.1	306.0	7.1
12660	32.4	38.6	38266.2	306.0	7.1
12720	32.5	38.6	38270.3	306.1	7.1

12780	32.6	38.7	38274.4	306.1	7.1
12840	32.7	38.7	38278.4	306.1	7.1
12900	32.9	38.7	38282.3	306.2	7.1
12960	33.0	38.7	38286.2	306.2	7.1
13020	33.1	38.7	38290.1	306.3	7.1
13080	33.2	38.7	38293.9	306.3	7.1
13140	33.3	38.7	38297.7	306.3	7.2
13200	33.4	38.8	38301.4	306.4	7.2
13260	33.6	38.8	38305.0	306.4	7.2
13320	33.7	38.8	38308.6	306.5	7.2
13380	33.8	38.8	38312.2	306.5	7.2
13440	33.9	38.8	38315.7	306.5	7.2
13500	34.0	38.9	38319.2	306.6	7.2
13560	34.1	38.9	38322.6	306.6	7.2
13620	34.2	38.9	38325.9	306.7	7.2
13680	34.3	38.9	38329.3	306.7	7.2
13740	34.4	39.0	38332.5	306.8	7.2
13800	34.6	39.0	38335.7	306.8	7.2
13860	34.7	39.0	38338.9	306.9	7.2
13920	34.8	39.0	38342.0	306.9	7.2
13980	34.9	39.1	38345.0	307.0	7.2
14040	35.0	39.1	38348.0	307.0	7.2
14100	35.1	39.1	38350.9	307.1	7.2
14160	35.2	39.1	38353.8	307.2	7.2
14220	35.3	39.2	38356.6	307.2	7.2
14280	35.4	39.2	38359.4	307.3	7.2
14340	35.5	39.2	38362.1	307.3	7.2
14400	35.6	39.3	38364.8	307.4	7.2
14460	35.7	39.3	38367.4	307.4	7.2
14520	35.8	39.3	38369.9	307.5	7.2
14580	35.9	39.4	38372.4	307.6	7.2
14640	36.0	39.4	38374.9	307.6	7.2
14700	36.1	39.4	38377.3	307.7	7.2
14760	36.2	39.5	38379.6	307.7	7.2
14820	36.3	39.5	38381.9	307.8	7.2
14880	36.4	39.5	38384.1	307.9	7.2
14940	36.5	39.6	38386.3	307.9	7.2
15000	36.6	39.6	38388.4	308.0	7.2
15060	36.7	39.7	38390.4	308.1	7.2
15120	36.8	39.7	38392.4	308.1	7.2
15180	36.9	39.7	38394.3	308.2	7.2
15240	37.0	39.8	38396.2	308.3	7.2
15300	37.1	39.8	38398.0	308.4	7.2
15360	37.1	39.9	38399.8	308.4	7.2
15420	37.2	39.9	38401.5	308.5	7.2
15480	37.3	39.9	38403.1	308.6	7.2
15540	37.4	40.0	38404.7	308.6	7.2
15600	37.5	40.0	38406.2	308.7	7.2
15660	37.6	40.1	38407.7	308.8	7.2
15720	37.7	40.1	38409.1	308.9	7.2

15780	37.8	40.2	38410.5	308.9	7.2
15840	37.9	40.2	38411.8	309.0	7.2
15900	37.9	40.3	38413.0	309.1	7.2
15960	38.0	40.3	38414.2	309.2	7.2
16020	38.1	40.4	38415.3	309.2	7.2
16080	38.2	40.4	38416.3	309.3	7.2
16140	38.3	40.5	38417.3	309.4	7.2
16200	38.3	40.5	38418.3	309.5	7.2
16260	38.4	40.6	38419.1	309.6	7.2
16320	38.5	40.6	38420.0	309.7	7.2
16380	38.6	40.7	38420.7	309.7	7.2
16440	38.7	40.8	38421.4	309.8	7.2
16500	38.7	40.8	38422.1	309.9	7.2
16560	38.8	40.9	38422.6	310.0	7.2
16620	38.9	40.9	38423.2	310.1	7.2
16680	39.0	41.0	38423.6	310.2	7.2
16740	39.0	41.0	38424.0	310.2	7.2
16800	39.1	41.1	38424.4	310.3	7.2
16860	39.2	41.2	38424.6	310.4	7.2
16920	39.3	41.2	38424.9	310.5	7.2
16980	39.3	41.3	38425.0	310.6	7.2
17040	39.4	41.3	38425.1	310.7	7.2
17100	39.5	41.4	38425.2	310.8	7.2
17160	39.5	41.5	38425.1	310.9	7.2
17220	39.6	41.5	38425.1	311.0	7.2
17280	39.7	41.6	38424.9	311.1	7.2
17340	39.7	41.7	38424.7	311.2	7.2
17400	39.8	41.7	38424.5	311.2	7.2
17460	39.9	41.8	38424.1	311.3	7.2
17520	39.9	41.9	38423.8	311.4	7.2
17580	40.0	41.9	38423.3	311.5	7.2
17640	40.0	42.0	38422.8	311.6	7.2
17700	40.1	42.1	38422.3	311.7	7.2
17760	40.2	42.1	38421.6	311.8	7.2
17820	40.2	42.2	38421.0	311.9	7.2
17880	40.3	42.3	38420.2	312.0	7.2
17940	40.3	42.3	38419.4	312.1	7.2
18000	40.4	42.4	38418.6	312.2	7.2
18060	40.4	42.5	38417.6	312.3	7.2
18120	40.5	42.5	38416.7	312.4	7.2
18180	40.5	42.6	38415.6	312.5	7.2
18240	40.6	42.7	38414.5	312.6	7.2
18300	40.6	42.8	38413.4	312.7	7.2
18360	40.7	42.8	38412.1	312.8	7.1
18420	40.7	42.9	38410.9	313.0	7.1
18480	40.8	43.0	38409.5	313.1	7.1
18540	40.8	43.1	38408.1	313.2	7.1
18600	40.9	43.1	38406.7	313.3	7.1
18660	40.9	43.2	38405.2	313.4	7.1
18720	41.0	43.3	38403.6	313.5	7.1

18780	41.0	43.4	38402.0	313.6	7.1
18840	41.1	43.4	38400.3	313.7	7.1
18900	41.1	43.5	38398.5	313.8	7.1
18960	41.2	43.6	38396.7	313.9	7.1
19020	41.2	43.7	38394.9	314.0	7.1
19080	41.2	43.8	38393.0	314.2	7.1
19140	41.3	43.8	38391.0	314.3	7.1
19200	41.3	43.9	38389.0	314.4	7.1
19260	41.3	44.0	38386.9	314.5	7.1
19320	41.4	44.1	38384.7	314.6	7.1
19380	41.4	44.2	38382.5	314.7	7.1
19440	41.4	44.2	38380.3	314.8	7.1
19500	41.5	44.3	38377.9	315.0	7.1
19560	41.5	44.4	38375.6	315.1	7.1
19620	41.5	44.5	38373.1	315.2	7.1
19680	41.6	44.6	38370.6	315.3	7.1
19740	41.6	44.6	38368.1	315.4	7.1
19800	41.6	44.7	38365.5	315.5	7.1
19860	41.7	44.8	38362.8	315.7	7.1
19920	41.7	44.9	38360.1	315.8	7.1
19980	41.7	45.0	38357.4	315.9	7.1
20040	41.7	45.1	38354.6	316.0	7.1
20100	41.7	45.1	38351.7	316.1	7.1
20160	41.8	45.2	38348.8	316.3	7.1
20220	41.8	45.3	38345.8	316.4	7.0
20280	41.8	45.4	38342.7	316.5	7.0
20340	41.8	45.5	38339.6	316.6	7.0
20400	41.8	45.6	38336.5	316.8	7.0
20460	41.9	45.7	38333.3	316.9	7.0
20520	41.9	45.7	38330.1	317.0	7.0
20580	41.9	45.8	38326.8	317.1	7.0
20640	41.9	45.9	38323.4	317.3	7.0
20700	41.9	46.0	38320.0	317.4	7.0
20760	41.9	46.1	38316.5	317.5	7.0
20820	41.9	46.2	38313.0	317.7	7.0
20880	42.0	46.3	38309.5	317.8	7.0
20940	42.0	46.3	38305.9	317.9	7.0
21000	42.0	46.4	38302.2	318.1	7.0
21060	42.0	46.5	38298.5	318.2	7.0
21120	42.0	46.6	38294.7	318.3	7.0
21180	42.0	46.7	38290.9	318.5	7.0
21240	42.0	46.8	38287.0	318.6	7.0
21300	42.0	46.9	38283.1	318.7	7.0
21360	42.0	46.9	38279.2	318.9	7.0
21420	42.0	47.0	38275.2	319.0	7.0
21480	42.0	47.1	38271.1	319.1	6.9
21540	42.0	47.2	38267.0	319.3	6.9
21600	42.0	47.3	38262.8	319.4	6.9
21660	42.0	47.4	38258.6	319.5	6.9
21720	42.0	47.5	38254.4	319.7	6.9

21780	42.0	47.6	38250.1	319.8	6.9
21840	42.0	47.6	38245.8	320.0	6.9
21900	42.0	47.7	38241.4	320.1	6.9
21960	42.0	47.8	38236.9	320.2	6.9
22020	42.0	47.9	38232.5	320.4	6.9
22080	41.9	48.0	38227.9	320.5	6.9
22140	41.9	48.1	38223.4	320.7	6.9
22200	41.9	48.2	38218.8	320.8	6.9
22260	41.9	48.2	38214.1	320.9	6.9
22320	41.9	48.3	38209.4	321.1	6.9
22380	41.9	48.4	38204.7	321.2	6.9
22440	41.9	48.5	38199.9	321.4	6.9
22500	41.9	48.6	38195.1	321.5	6.8
22560	41.8	48.7	38190.2	321.7	6.8
22620	41.8	48.8	38185.3	321.8	6.8
22680	41.8	48.8	38180.3	322.0	6.8
22740	41.8	48.9	38175.4	322.1	6.8
22800	41.8	49.0	38170.3	322.3	6.8
22860	41.7	49.1	38165.3	322.4	6.8
22920	41.7	49.2	38160.1	322.6	6.8
22980	41.7	49.3	38155.0	322.7	6.8
23040	41.7	49.3	38149.8	322.9	6.8
23100	41.6	49.4	38144.6	323.0	6.8
23160	41.6	49.5	38139.3	323.2	6.8
23220	41.6	49.6	38134.0	323.3	6.8
23280	41.5	49.7	38128.7	323.5	6.8
23340	41.5	49.8	38123.3	323.6	6.8
23400	41.5	49.8	38117.9	323.8	6.8
23460	41.5	49.9	38112.5	323.9	6.7
23520	41.4	50.0	38107.0	324.1	6.7
23580	41.4	50.1	38101.5	324.3	6.7
23640	41.4	50.2	38095.9	324.4	6.7
23700	41.3	50.2	38090.4	324.6	6.7
23760	41.3	50.3	38084.7	324.7	6.7
23820	41.2	50.4	38079.1	324.9	6.7
23880	41.2	50.5	38073.4	325.1	6.7
23940	41.2	50.5	38067.7	325.2	6.7
24000	41.1	50.6	38062.0	325.4	6.7
24060	41.1	50.7	38056.2	325.5	6.7
24120	41.0	50.8	38050.4	325.7	6.7
24180	41.0	50.9	38044.5	325.9	6.7
24240	41.0	50.9	38038.7	326.0	6.6
24300	40.9	51.0	38032.8	326.2	6.6
24360	40.9	51.1	38026.9	326.4	6.6
24420	40.8	51.2	38020.9	326.5	6.6
24480	40.8	51.2	38015.0	326.7	6.6
24540	40.7	51.3	38009.0	326.9	6.6
24600	40.7	51.4	38002.9	327.0	6.6
24660	40.6	51.4	37996.9	327.2	6.6
24720	40.6	51.5	37990.8	327.4	6.6

24780	40.5	51.6	37984.7	327.5	6.6
24840	40.5	51.7	37978.6	327.7	6.6
24900	40.4	51.7	37972.4	327.9	6.6
24960	40.4	51.8	37966.2	328.1	6.6
25020	40.3	51.9	37960.0	328.2	6.5
25080	40.2	51.9	37953.8	328.4	6.5
25140	40.2	52.0	37947.6	328.6	6.5
25200	40.1	52.1	37941.3	328.8	6.5
25260	40.1	52.1	37935.0	328.9	6.5
25320	40.0	52.2	37928.7	329.1	6.5
25380	39.9	52.3	37922.4	329.3	6.5
25440	39.9	52.3	37916.0	329.5	6.5
25500	39.8	52.4	37909.7	329.7	6.5
25560	39.8	52.5	37903.3	329.8	6.5
25620	39.7	52.5	37896.9	330.0	6.5
25680	39.6	52.6	37890.5	330.2	6.5
25740	39.6	52.7	37884.0	330.4	6.4
25800	39.5	52.7	37877.6	330.6	6.4
25860	39.4	52.8	37871.1	330.7	6.4
25920	39.4	52.8	37864.7	330.9	6.4
25980	39.3	52.9	37858.2	331.1	6.4
26040	39.2	53.0	37851.7	331.3	6.4
26100	39.1	53.0	37845.1	331.5	6.4
26160	39.1	53.1	37838.6	331.7	6.4
26220	39.0	53.1	37832.1	331.9	6.4
26280	38.9	53.2	37825.5	332.1	6.4
26340	38.8	53.2	37818.9	332.3	6.4
26400	38.8	53.3	37812.4	332.4	6.3
26460	38.7	53.4	37805.8	332.6	6.3
26520	38.6	53.4	37799.2	332.8	6.3
26580	38.5	53.5	37792.6	333.0	6.3
26640	38.5	53.5	37786.0	333.2	6.3
26700	38.4	53.6	37779.3	333.4	6.3
26760	38.3	53.6	37772.7	333.6	6.3
26820	38.2	53.7	37766.1	333.8	6.3
26880	38.1	53.7	37759.4	334.0	6.3
26940	38.1	53.8	37752.8	334.2	6.3
27000	38.0	53.8	37746.2	334.4	6.3
27060	37.9	53.9	37739.5	334.6	6.2
27120	37.8	53.9	37732.8	334.8	6.2
27180	37.7	54.0	37726.2	335.0	6.2
27240	37.6	54.0	37719.5	335.2	6.2
27300	37.6	54.1	37712.9	335.4	6.2
27360	37.5	54.1	37706.2	335.6	6.2
27420	37.4	54.1	37699.5	335.8	6.2
27480	37.3	54.2	37692.9	336.0	6.2
27540	37.2	54.2	37686.2	336.2	6.2
27600	37.1	54.3	37679.5	336.5	6.2
27660	37.0	54.3	37672.9	336.7	6.1
27720	36.9	54.4	37666.2	336.9	6.1

27780	36.8	54.4	37659.6	337.1	6.1
27840	36.7	54.4	37652.9	337.3	6.1
27900	36.6	54.5	37646.3	337.5	6.1
27960	36.6	54.5	37639.6	337.7	6.1
28020	36.5	54.5	37633.0	337.9	6.1
28080	36.4	54.6	37626.3	338.2	6.1
28140	36.3	54.6	37619.7	338.4	6.1
28200	36.2	54.7	37613.1	338.6	6.1
28260	36.1	54.7	37606.5	338.8	6.0
28320	36.0	54.7	37599.9	339.0	6.0
28380	35.9	54.8	37593.3	339.3	6.0
28440	35.8	54.8	37586.7	339.5	6.0
28500	35.7	54.8	37580.1	339.7	6.0
28560	35.6	54.8	37573.6	339.9	6.0
28620	35.5	54.9	37567.0	340.1	6.0
28680	35.4	54.9	37560.5	340.4	6.0
28740	35.3	54.9	37553.9	340.6	6.0
28800	35.2	55.0	37547.4	340.8	6.0
28860	35.1	55.0	37540.9	341.1	5.9
28920	34.9	55.0	37534.4	341.3	5.9
28980	34.8	55.0	37528.0	341.5	5.9
29040	34.7	55.1	37521.5	341.8	5.9
29100	34.6	55.1	37515.1	342.0	5.9
29160	34.5	55.1	37508.6	342.2	5.9
29220	34.4	55.1	37502.2	342.5	5.9
29280	34.3	55.2	37495.8	342.7	5.9
29340	34.2	55.2	37489.5	342.9	5.9
29400	34.1	55.2	37483.1	343.2	5.9
29460	34.0	55.2	37476.8	343.4	5.8
29520	33.9	55.2	37470.5	343.7	5.8
29580	33.7	55.3	37464.2	343.9	5.8
29640	33.6	55.3	37457.9	344.1	5.8
29700	33.5	55.3	37451.6	344.4	5.8
29760	33.4	55.3	37445.4	344.6	5.8
29820	33.3	55.3	37439.2	344.9	5.8
29880	33.2	55.3	37433.0	345.1	5.8
29940	33.1	55.3	37426.9	345.4	5.8
30000	33.0	55.4	37420.7	345.6	5.8
30060	32.8	55.4	37414.6	345.9	5.7
30120	32.7	55.4	37408.5	346.1	5.7
30180	32.6	55.4	37402.5	346.4	5.7
30240	32.5	55.4	37396.4	346.6	5.7
30300	32.4	55.4	37390.4	346.9	5.7
30360	32.2	55.4	37384.5	347.1	5.7
30420	32.1	55.4	37378.5	347.4	5.7
30480	32.0	55.4	37372.6	347.7	5.7
30540	31.9	55.4	37366.7	347.9	5.7
30600	31.8	55.5	37360.8	348.2	5.7
30660	31.6	55.5	37355.0	348.4	5.6
30720	31.5	55.5	37349.2	348.7	5.6

30780	31.4	55.5	37343.5	349.0	5.6
30840	31.3	55.5	37337.7	349.2	5.6
30900	31.2	55.5	37332.0	349.5	5.6
30960	31.0	55.5	37326.4	349.8	5.6
31020	30.9	55.5	37320.7	350.0	5.6
31080	30.8	55.5	37315.1	350.3	5.6
31140	30.7	55.5	37309.6	350.6	5.6
31200	30.5	55.5	37304.0	350.9	5.6
31260	30.4	55.5	37298.5	351.1	5.6
31320	30.3	55.5	37293.1	351.4	5.5
31380	30.1	55.5	37287.7	351.7	5.5
31440	30.0	55.5	37282.3	352.0	5.5
31500	29.9	55.5	37277.0	352.2	5.5
31560	29.8	55.5	37271.7	352.5	5.5
31620	29.6	55.5	37266.4	352.8	5.5
31680	29.5	55.5	37261.2	353.1	5.5
31740	29.4	55.4	37256.0	353.4	5.5
31800	29.2	55.4	37250.8	353.7	5.5
31860	29.1	55.4	37245.7	353.9	5.5
31920	29.0	55.4	37240.7	354.2	5.5
31980	28.8	55.4	37235.7	354.5	5.4
32040	28.7	55.4	37230.7	354.8	5.4
32100	28.6	55.4	37225.8	355.1	5.4
32160	28.4	55.4	37220.9	355.4	5.4
32220	28.3	55.4	37216.0	355.7	5.4
32280	28.2	55.4	37211.2	356.0	5.4
32340	28.0	55.4	37206.5	356.3	5.4
32400	27.9	55.3	37201.8	356.6	5.4
32460	27.8	55.3	37197.1	356.9	5.4
32520	27.6	55.3	37192.5	357.2	5.4
32580	27.5	55.3	37188.0	357.5	5.4
32640	27.4	55.3	37183.4	357.8	5.4
32700	27.2	55.3	37179.0	358.1	5.3
32760	27.1	55.3	37174.5	358.4	5.3
32820	27.0	55.2	37170.2	358.7	5.3
32880	26.8	55.2	37165.9	359.0	5.3
32940	26.7	55.2	37161.6	359.3	5.3
33000	26.5	55.2	37157.4	359.6	5.3
33060	26.4	55.2	37153.2	359.9	5.3
33120	26.3	55.1	37149.1	0.2	5.3
33180	26.1	55.1	37145.0	0.5	5.3
33240	26.0	55.1	37141.0	0.8	5.3
33300	25.8	55.1	37137.0	1.1	5.3
33360	25.7	55.1	37133.1	1.5	5.3
33420	25.6	55.0	37129.3	1.8	5.3
33480	25.4	55.0	37125.5	2.1	5.3
33540	25.3	55.0	37121.7	2.4	5.2
33600	25.1	55.0	37118.0	2.7	5.2
33660	25.0	54.9	37114.4	3.0	5.2
33720	24.8	54.9	37110.8	3.4	5.2

33780	24.7	54.9	37107.3	3.7	5.2
33840	24.6	54.9	37103.8	4.0	5.2
33900	24.4	54.8	37100.4	4.3	5.2
33960	24.3	54.8	37097.0	4.6	5.2
34020	24.1	54.8	37093.7	5.0	5.2
34080	24.0	54.8	37090.5	5.3	5.2
34140	23.8	54.7	37087.3	5.6	5.2
34200	23.7	54.7	37084.2	5.9	5.2
34260	23.5	54.7	37081.1	6.3	5.2
34320	23.4	54.6	37078.1	6.6	5.2
34380	23.3	54.6	37075.1	6.9	5.2
34440	23.1	54.6	37072.3	7.3	5.2
34500	23.0	54.5	37069.4	7.6	5.2
34560	22.8	54.5	37066.7	7.9	5.1
34620	22.7	54.5	37064.0	8.3	5.1
34680	22.5	54.4	37061.3	8.6	5.1
34740	22.4	54.4	37058.7	8.9	5.1
34800	22.2	54.4	37056.2	9.3	5.1
34860	22.1	54.3	37053.7	9.6	5.1
34920	21.9	54.3	37051.3	9.9	5.1
34980	21.8	54.3	37049.0	10.3	5.1
35040	21.6	54.2	37046.7	10.6	5.1
35100	21.5	54.2	37044.5	10.9	5.1
35160	21.3	54.2	37042.4	11.3	5.1
35220	21.2	54.1	37040.3	11.6	5.1
35280	21.0	54.1	37038.3	11.9	5.1
35340	20.9	54.0	37036.3	12.3	5.1
35400	20.7	54.0	37034.5	12.6	5.1
35460	20.6	54.0	37032.6	13.0	5.1
35520	20.4	53.9	37030.9	13.3	5.1
35580	20.3	53.9	37029.2	13.6	5.1
35640	20.1	53.8	37027.6	14.0	5.1
35700	20.0	53.8	37026.0	14.3	5.1
35760	19.8	53.8	37024.5	14.7	5.1
35820	19.6	53.7	37023.1	15.0	5.1
35880	19.5	53.7	37021.7	15.3	5.1
35940	19.3	53.6	37020.4	15.7	5.1
36000	19.2	53.6	37019.2	16.0	5.1
36060	19.0	53.6	37018.1	16.4	5.1
36120	18.9	53.5	37017.0	16.7	5.1
36180	18.7	53.5	37016.0	17.1	5.1
36240	18.6	53.4	37015.0	17.4	5.1
36300	18.4	53.4	37014.1	17.7	5.1
36360	18.3	53.3	37013.3	18.1	5.1
36420	18.1	53.3	37012.6	18.4	5.1
36480	18.0	53.2	37011.9	18.8	5.1
36540	17.8	53.2	37011.3	19.1	5.1
36600	17.6	53.1	37010.7	19.4	5.1
36660	17.5	53.1	37010.3	19.8	5.1
36720	17.3	53.1	37009.8	20.1	5.1

36780	17.2	53.0	37009.5	20.5	5.1
36840	17.0	53.0	37009.3	20.8	5.1
36900	16.9	52.9	37009.1	21.2	5.1
36960	16.7	52.9	37008.9	21.5	5.1
37020	16.5	52.8	37008.9	21.8	5.1
37080	16.4	52.8	37008.9	22.2	5.1
37140	16.2	52.7	37009.0	22.5	5.1
37200	16.1	52.7	37009.1	22.9	5.1
37260	15.9	52.6	37009.4	23.2	5.1
37320	15.8	52.6	37009.7	23.5	5.1
37380	15.6	52.5	37010.0	23.9	5.1
37440	15.4	52.5	37010.5	24.2	5.1
37500	15.3	52.4	37011.0	24.5	5.1
37560	15.1	52.4	37011.6	24.9	5.1
37620	15.0	52.3	37012.2	25.2	5.1
37680	14.8	52.3	37013.0	25.5	5.1
37740	14.6	52.2	37013.8	25.9	5.1
37800	14.5	52.1	37014.6	26.2	5.1
37860	14.3	52.1	37015.6	26.5	5.1
37920	14.2	52.0	37016.6	26.9	5.1
37980	14.0	52.0	37017.7	27.2	5.1
38040	13.8	51.9	37018.8	27.5	5.1
38100	13.7	51.9	37020.0	27.9	5.1
38160	13.5	51.8	37021.3	28.2	5.1
38220	13.4	51.8	37022.7	28.5	5.1
38280	13.2	51.7	37024.1	28.9	5.1
38340	13.0	51.7	37025.6	29.2	5.1
38400	12.9	51.6	37027.2	29.5	5.1
38460	12.7	51.5	37028.9	29.8	5.1
38520	12.5	51.5	37030.6	30.2	5.1
38580	12.4	51.4	37032.4	30.5	5.1
38640	12.2	51.4	37034.2	30.8	5.2
38700	12.1	51.3	37036.2	31.1	5.2
38760	11.9	51.3	37038.2	31.4	5.2
38820	11.7	51.2	37040.3	31.8	5.2
38880	11.6	51.2	37042.4	32.1	5.2
38940	11.4	51.1	37044.6	32.4	5.2
39000	11.3	51.0	37046.9	32.7	5.2
39060	11.1	51.0	37049.3	33.0	5.2
39120	10.9	50.9	37051.7	33.3	5.2
39180	10.8	50.9	37054.2	33.6	5.2
39240	10.6	50.8	37056.8	33.9	5.2
39300	10.4	50.7	37059.5	34.3	5.2
39360	10.3	50.7	37062.2	34.6	5.2
39420	10.1	50.6	37065.0	34.9	5.2
39480	9.9	50.6	37067.8	35.2	5.2
39540	9.8	50.5	37070.7	35.5	5.2
39600	9.6	50.4	37073.7	35.8	5.2
39660	9.5	50.4	37076.8	36.1	5.3
39720	9.3	50.3	37079.9	36.4	5.3

39780	9.1	50.3	37083.2	36.7	5.3
39840	9.0	50.2	37086.4	37.0	5.3
39900	8.8	50.1	37089.8	37.3	5.3
39960	8.6	50.1	37093.2	37.5	5.3
40020	8.5	50.0	37096.7	37.8	5.3
40080	8.3	50.0	37100.2	38.1	5.3
40140	8.1	49.9	37103.8	38.4	5.3
40200	8.0	49.8	37107.5	38.7	5.3
40260	7.8	49.8	37111.3	39.0	5.3
40320	7.6	49.7	37115.1	39.3	5.3
40380	7.5	49.6	37119.0	39.5	5.4
40440	7.3	49.6	37123.0	39.8	5.4
40500	7.2	49.5	37127.0	40.1	5.4
40560	7.0	49.5	37131.1	40.4	5.4
40620	6.8	49.4	37135.2	40.7	5.4
40680	6.7	49.3	37139.5	40.9	5.4
40740	6.5	49.3	37143.8	41.2	5.4
40800	6.3	49.2	37148.1	41.5	5.4
40860	6.2	49.1	37152.6	41.7	5.4
40920	6.0	49.1	37157.0	42.0	5.4
40980	5.8	49.0	37161.6	42.3	5.4
41040	5.7	49.0	37166.2	42.5	5.5
41100	5.5	48.9	37170.9	42.8	5.5
41160	5.3	48.8	37175.7	43.0	5.5
41220	5.2	48.8	37180.5	43.3	5.5
41280	5.0	48.7	37185.4	43.6	5.5
41340	4.8	48.6	37190.3	43.8	5.5
41400	4.7	48.6	37195.3	44.1	5.5
41460	4.5	48.5	37200.4	44.3	5.5
41520	4.3	48.4	37205.5	44.6	5.5
41580	4.2	48.4	37210.7	44.8	5.5
41640	4.0	48.3	37216.0	45.1	5.6
41700	3.8	48.2	37221.3	45.3	5.6
41760	3.7	48.2	37226.7	45.5	5.6
41820	3.5	48.1	37232.2	45.8	5.6
41880	3.3	48.1	37237.7	46.0	5.6
41940	3.2	48.0	37243.2	46.2	5.6
42000	3.0	47.9	37248.9	46.5	5.6
42060	2.8	47.9	37254.5	46.7	5.6
42120	2.7	47.8	37260.3	46.9	5.6
42180	2.5	47.7	37266.1	47.2	5.7
42240	2.3	47.7	37272.0	47.4	5.7
42300	2.2	47.6	37277.9	47.6	5.7
42360	2.0	47.5	37283.9	47.8	5.7
42420	1.8	47.5	37289.9	48.1	5.7
42480	1.7	47.4	37296.0	48.3	5.7
42540	1.5	47.3	37302.2	48.5	5.7
42600	1.3	47.3	37308.4	48.7	5.7
42660	1.2	47.2	37314.7	48.9	5.8
42720	1.0	47.1	37321.0	49.1	5.8

42780	0.8	47.1	37327.4	49.3	5.8
42840	0.7	47.0	37333.8	49.5	5.8
42900	0.5	46.9	37340.3	49.7	5.8
42960	0.3	46.9	37346.8	50.0	5.8
43020	0.2	46.8	37353.5	50.2	5.8
43080	0.0	46.7	37360.1	50.4	5.8
43140	-0.2	46.7	37366.8	50.6	5.8
43200	-0.3	46.6	37373.6	50.7	5.9
43260	-0.5	46.6	37380.4	50.9	5.9
43320	-0.7	46.5	37387.2	51.1	5.9
43380	-0.8	46.4	37394.2	51.3	5.9
43440	-1.0	46.4	37401.1	51.5	5.9
43500	-1.2	46.3	37408.1	51.7	5.9
43560	-1.3	46.2	37415.2	51.9	5.9
43620	-1.5	46.2	37422.3	52.1	5.9
43680	-1.7	46.1	37429.5	52.2	6.0
43740	-1.8	46.0	37436.7	52.4	6.0
43800	-2.0	46.0	37444.0	52.6	6.0
43860	-2.2	45.9	37451.3	52.8	6.0
43920	-2.3	45.8	37458.6	52.9	6.0
43980	-2.5	45.8	37466.0	53.1	6.0
44040	-2.7	45.7	37473.5	53.3	6.0
44100	-2.8	45.6	37481.0	53.5	6.0
44160	-3.0	45.6	37488.5	53.6	6.1
44220	-3.2	45.5	37496.1	53.8	6.1
44280	-3.3	45.4	37503.7	54.0	6.1
44340	-3.5	45.4	37511.4	54.1	6.1
44400	-3.7	45.3	37519.1	54.3	6.1
44460	-3.8	45.2	37526.9	54.4	6.1
44520	-4.0	45.2	37534.7	54.6	6.1
44580	-4.2	45.1	37542.5	54.7	6.1
44640	-4.3	45.1	37550.4	54.9	6.2
44700	-4.5	45.0	37558.4	55.0	6.2
44760	-4.7	44.9	37566.3	55.2	6.2
44820	-4.8	44.9	37574.3	55.3	6.2
44880	-5.0	44.8	37582.4	55.5	6.2
44940	-5.2	44.7	37590.5	55.6	6.2
45000	-5.3	44.7	37598.6	55.8	6.2
45060	-5.5	44.6	37606.7	55.9	6.3
45120	-5.7	44.5	37614.9	56.0	6.3
45180	-5.8	44.5	37623.2	56.2	6.3
45240	-6.0	44.4	37631.4	56.3	6.3
45300	-6.1	44.4	37639.7	56.4	6.3
45360	-6.3	44.3	37648.1	56.6	6.3
45420	-6.5	44.2	37656.4	56.7	6.3
45480	-6.6	44.2	37664.8	56.8	6.3
45540	-6.8	44.1	37673.3	57.0	6.4
45600	-7.0	44.0	37681.8	57.1	6.4
45660	-7.1	44.0	37690.3	57.2	6.4
45720	-7.3	43.9	37698.8	57.3	6.4



45780	-7.5	43.8	37707.4	57.4	6.4
45840	-7.6	43.8	37716.0	57.6	6.4
45900	-7.8	43.7	37724.6	57.7	6.4
45960	-8.0	43.7	37733.2	57.8	6.4
46020	-8.1	43.6	37741.9	57.9	6.5
46080	-8.3	43.5	37750.6	58.0	6.5
46140	-8.5	43.5	37759.4	58.1	6.5
46200	-8.6	43.4	37768.1	58.2	6.5
46260	-8.8	43.4	37776.9	58.3	6.5
46320	-9.0	43.3	37785.7	58.4	6.5
46380	-9.1	43.2	37794.6	58.5	6.5
46440	-9.3	43.2	37803.5	58.6	6.5
46500	-9.4	43.1	37812.3	58.7	6.6
46560	-9.6	43.1	37821.3	58.8	6.6
46620	-9.8	43.0	37830.2	58.9	6.6
46680	-9.9	42.9	37839.2	59.0	6.6
46740	-10.1	42.9	37848.1	59.1	6.6
46800	-10.3	42.8	37857.1	59.2	6.6
46860	-10.4	42.8	37866.2	59.3	6.6
46920	-10.6	42.7	37875.2	59.4	6.6
46980	-10.8	42.6	37884.3	59.5	6.7
47040	-10.9	42.6	37893.3	59.6	6.7
47100	-11.1	42.5	37902.4	59.7	6.7
47160	-11.2	42.5	37911.5	59.7	6.7
47220	-11.4	42.4	37920.7	59.8	6.7
47280	-11.6	42.3	37929.8	59.9	6.7
47340	-11.7	42.3	37939.0	60.0	6.7
47400	-11.9	42.2	37948.1	60.1	6.7
47460	-12.1	42.2	37957.3	60.1	6.8
47520	-12.2	42.1	37966.5	60.2	6.8
47580	-12.4	42.1	37975.8	60.3	6.8
47640	-12.5	42.0	37985.0	60.4	6.8
47700	-12.7	41.9	37994.2	60.4	6.8
47760	-12.9	41.9	38003.5	60.5	6.8
47820	-13.0	41.8	38012.7	60.6	6.8
47880	-13.2	41.8	38022.0	60.6	6.8
47940	-13.3	41.7	38031.3	60.7	6.9
48000	-13.5	41.7	38040.6	60.8	6.9
48060	-13.7	41.6	38049.9	60.8	6.9
48120	-13.8	41.6	38059.2	60.9	6.9
48180	-14.0	41.5	38068.5	60.9	6.9
48240	-14.1	41.5	38077.8	61.0	6.9
48300	-14.3	41.4	38087.1	61.1	6.9
48360	-14.5	41.3	38096.4	61.1	6.9
48420	-14.6	41.3	38105.8	61.2	6.9
48480	-14.8	41.2	38115.1	61.2	7.0
48540	-14.9	41.2	38124.4	61.3	7.0
48600	-15.1	41.1	38133.8	61.3	7.0
48660	-15.3	41.1	38143.1	61.4	7.0
48720	-15.4	41.0	38152.5	61.4	7.0

48780	-15.6	41.0	38161.8	61.5	7.0
48840	-15.7	40.9	38171.1	61.5	7.0
48900	-15.9	40.9	38180.5	61.5	7.0
48960	-16.1	40.8	38189.8	61.6	7.0
49020	-16.2	40.8	38199.1	61.6	7.1
49080	-16.4	40.7	38208.5	61.7	7.1
49140	-16.5	40.7	38217.8	61.7	7.1
49200	-16.7	40.6	38227.1	61.7	7.1
49260	-16.8	40.6	38236.5	61.8	7.1
49320	-17.0	40.5	38245.8	61.8	7.1
49380	-17.2	40.5	38255.1	61.8	7.1
49440	-17.3	40.4	38264.4	61.9	7.1
49500	-17.5	40.4	38273.7	61.9	7.1
49560	-17.6	40.3	38283.0	61.9	7.2
49620	-17.8	40.3	38292.3	62.0	7.2
49680	-17.9	40.3	38301.5	62.0	7.2
49740	-18.1	40.2	38310.8	62.0	7.2
49800	-18.3	40.2	38320.0	62.0	7.2
49860	-18.4	40.1	38329.3	62.1	7.2
49920	-18.6	40.1	38338.5	62.1	7.2
49980	-18.7	40.0	38347.7	62.1	7.2
50040	-18.9	40.0	38356.9	62.1	7.2
50100	-19.0	39.9	38366.1	62.1	7.3
50160	-19.2	39.9	38375.3	62.2	7.3
50220	-19.3	39.9	38384.5	62.2	7.3
50280	-19.5	39.8	38393.6	62.2	7.3
50340	-19.6	39.8	38402.7	62.2	7.3
50400	-19.8	39.7	38411.9	62.2	7.3
50460	-19.9	39.7	38421.0	62.2	7.3
50520	-20.1	39.6	38430.0	62.2	7.3
50580	-20.3	39.6	38439.1	62.2	7.3
50640	-20.4	39.6	38448.1	62.2	7.3
50700	-20.6	39.5	38457.2	62.3	7.4
50760	-20.7	39.5	38466.2	62.3	7.4
50820	-20.9	39.4	38475.2	62.3	7.4
50880	-21.0	39.4	38484.1	62.3	7.4
50940	-21.2	39.4	38493.1	62.3	7.4
51000	-21.3	39.3	38502.0	62.3	7.4
51060	-21.5	39.3	38510.9	62.3	7.4
51120	-21.6	39.3	38519.7	62.3	7.4
51180	-21.8	39.2	38528.6	62.3	7.4
51240	-21.9	39.2	38537.4	62.3	7.4
51300	-22.1	39.2	38546.2	62.3	7.4
51360	-22.2	39.1	38555.0	62.3	7.5
51420	-22.4	39.1	38563.7	62.3	7.5
51480	-22.5	39.1	38572.4	62.2	7.5
51540	-22.7	39.0	38581.1	62.2	7.5
51600	-22.8	39.0	38589.8	62.2	7.5
51660	-22.9	39.0	38598.4	62.2	7.5
51720	-23.1	38.9	38607.0	62.2	7.5

51780	-23.2	38.9	38615.6	62.2	7.5
51840	-23.4	38.9	38624.1	62.2	7.5
51900	-23.5	38.8	38632.7	62.2	7.5
51960	-23.7	38.8	38641.1	62.2	7.5
52020	-23.8	38.8	38649.6	62.1	7.5
52080	-24.0	38.7	38658.0	62.1	7.6
52140	-24.1	38.7	38666.4	62.1	7.6
52200	-24.3	38.7	38674.7	62.1	7.6
52260	-24.4	38.7	38683.1	62.1	7.6
52320	-24.5	38.6	38691.3	62.0	7.6
52380	-24.7	38.6	38699.6	62.0	7.6
52440	-24.8	38.6	38707.8	62.0	7.6
52500	-25.0	38.6	38716.0	62.0	7.6
52560	-25.1	38.5	38724.1	62.0	7.6
52620	-25.3	38.5	38732.2	61.9	7.6
52680	-25.4	38.5	38740.2	61.9	7.6
52740	-25.5	38.5	38748.3	61.9	7.6
52800	-25.7	38.4	38756.2	61.8	7.7
52860	-25.8	38.4	38764.2	61.8	7.7
52920	-26.0	38.4	38772.1	61.8	7.7
52980	-26.1	38.4	38779.9	61.8	7.7
53040	-26.3	38.3	38787.8	61.7	7.7
53100	-26.4	38.3	38795.5	61.7	7.7
53160	-26.5	38.3	38803.3	61.7	7.7
53220	-26.7	38.3	38811.0	61.6	7.7
53280	-26.8	38.3	38818.6	61.6	7.7
53340	-26.9	38.3	38826.2	61.6	7.7
53400	-27.1	38.2	38833.8	61.5	7.7
53460	-27.2	38.2	38841.3	61.5	7.7
53520	-27.4	38.2	38848.8	61.4	7.7
53580	-27.5	38.2	38856.2	61.4	7.7
53640	-27.6	38.2	38863.6	61.4	7.8
53700	-27.8	38.2	38870.9	61.3	7.8
53760	-27.9	38.1	38878.2	61.3	7.8
53820	-28.0	38.1	38885.4	61.2	7.8
53880	-28.2	38.1	38892.6	61.2	7.8
53940	-28.3	38.1	38899.7	61.1	7.8
54000	-28.4	38.1	38906.8	61.1	7.8
54060	-28.6	38.1	38913.9	61.1	7.8
54120	-28.7	38.1	38920.8	61.0	7.8
54180	-28.8	38.1	38927.8	61.0	7.8
54240	-29.0	38.1	38934.7	60.9	7.8
54300	-29.1	38.1	38941.5	60.9	7.8
54360	-29.2	38.0	38948.3	60.8	7.8
54420	-29.4	38.0	38955.0	60.8	7.8
54480	-29.5	38.0	38961.7	60.7	7.8
54540	-29.6	38.0	38968.3	60.7	7.9
54600	-29.8	38.0	38974.9	60.6	7.9
54660	-29.9	38.0	38981.4	60.5	7.9
54720	-30.0	38.0	38987.9	60.5	7.9

54780	-30.1	38.0	38994.3	60.4	7.9
54840	-30.3	38.0	39000.7	60.4	7.9
54900	-30.4	38.0	39007.0	60.3	7.9
54960	-30.5	38.0	39013.2	60.3	7.9
55020	-30.6	38.0	39019.4	60.2	7.9
55080	-30.8	38.0	39025.5	60.1	7.9
55140	-30.9	38.0	39031.6	60.1	7.9
55200	-31.0	38.0	39037.6	60.0	7.9
55260	-31.1	38.0	39043.5	60.0	7.9
55320	-31.3	38.0	39049.4	59.9	7.9
55380	-31.4	38.0	39055.3	59.8	7.9
55440	-31.5	38.0	39061.1	59.8	7.9
55500	-31.6	38.0	39066.8	59.7	7.9
55560	-31.8	38.0	39072.4	59.6	7.9
55620	-31.9	38.0	39078.0	59.6	8.0
55680	-32.0	38.0	39083.6	59.5	8.0
55740	-32.1	38.1	39089.1	59.4	8.0
55800	-32.2	38.1	39094.5	59.4	8.0
55860	-32.4	38.1	39099.8	59.3	8.0
55920	-32.5	38.1	39105.1	59.2	8.0
55980	-32.6	38.1	39110.3	59.2	8.0
56040	-32.7	38.1	39115.5	59.1	8.0
56100	-32.8	38.1	39120.6	59.0	8.0
56160	-32.9	38.1	39125.7	59.0	8.0
56220	-33.1	38.1	39130.6	58.9	8.0
56280	-33.2	38.2	39135.5	58.8	8.0
56340	-33.3	38.2	39140.4	58.7	8.0
56400	-33.4	38.2	39145.2	58.7	8.0
56460	-33.5	38.2	39149.9	58.6	8.0
56520	-33.6	38.2	39154.5	58.5	8.0
56580	-33.7	38.2	39159.1	58.4	8.0
56640	-33.9	38.3	39163.6	58.4	8.0
56700	-34.0	38.3	39168.1	58.3	8.0
56760	-34.1	38.3	39172.5	58.2	8.0
56820	-34.2	38.3	39176.8	58.1	8.0
56880	-34.3	38.3	39181.1	58.0	8.0
56940	-34.4	38.4	39185.3	58.0	8.0
57000	-34.5	38.4	39189.4	57.9	8.1
57060	-34.6	38.4	39193.4	57.8	8.1
57120	-34.7	38.4	39197.4	57.7	8.1
57180	-34.8	38.5	39201.3	57.6	8.1
57240	-34.9	38.5	39205.2	57.5	8.1
57300	-35.0	38.5	39208.9	57.5	8.1
57360	-35.1	38.5	39212.6	57.4	8.1
57420	-35.3	38.6	39216.3	57.3	8.1
57480	-35.4	38.6	39219.9	57.2	8.1
57540	-35.5	38.6	39223.4	57.1	8.1
57600	-35.6	38.6	39226.8	57.0	8.1
57660	-35.7	38.7	39230.1	56.9	8.1
57720	-35.8	38.7	39233.4	56.9	8.1

57780	-35.9	38.7	39236.6	56.8	8.1
57840	-36.0	38.8	39239.8	56.7	8.1
57900	-36.1	38.8	39242.9	56.6	8.1
57960	-36.2	38.8	39245.9	56.5	8.1
58020	-36.3	38.9	39248.8	56.4	8.1
58080	-36.4	38.9	39251.7	56.3	8.1
58140	-36.4	38.9	39254.5	56.2	8.1
58200	-36.5	39.0	39257.2	56.1	8.1
58260	-36.6	39.0	39259.8	56.0	8.1
58320	-36.7	39.1	39262.4	56.0	8.1
58380	-36.8	39.1	39264.9	55.9	8.1
58440	-36.9	39.1	39267.3	55.8	8.1
58500	-37.0	39.2	39269.7	55.7	8.1
58560	-37.1	39.2	39271.9	55.6	8.1
58620	-37.2	39.3	39274.2	55.5	8.1
58680	-37.3	39.3	39276.3	55.4	8.1
58740	-37.4	39.3	39278.3	55.3	8.1
58800	-37.5	39.4	39280.3	55.2	8.1
58860	-37.5	39.4	39282.2	55.1	8.1
58920	-37.6	39.5	39284.1	55.0	8.2
58980	-37.7	39.5	39285.9	54.9	8.2
59040	-37.8	39.6	39287.5	54.8	8.2
59100	-37.9	39.6	39289.2	54.7	8.2
59160	-38.0	39.7	39290.7	54.6	8.2
59220	-38.1	39.7	39292.2	54.5	8.2
59280	-38.1	39.8	39293.6	54.4	8.2
59340	-38.2	39.8	39294.9	54.3	8.2
59400	-38.3	39.9	39296.1	54.2	8.2
59460	-38.4	39.9	39297.3	54.1	8.2
59520	-38.5	40.0	39298.4	54.0	8.2
59580	-38.5	40.0	39299.4	53.9	8.2
59640	-38.6	40.1	39300.4	53.8	8.2
59700	-38.7	40.1	39301.2	53.7	8.2
59760	-38.8	40.2	39302.0	53.6	8.2
59820	-38.8	40.2	39302.8	53.5	8.2
59880	-38.9	40.3	39303.4	53.3	8.2
59940	-39.0	40.4	39304.0	53.2	8.2
60000	-39.1	40.4	39304.5	53.1	8.2
60060	-39.1	40.5	39304.9	53.0	8.2
60120	-39.2	40.5	39305.2	52.9	8.2
60180	-39.3	40.6	39305.5	52.8	8.2
60240	-39.3	40.6	39305.7	52.7	8.2
60300	-39.4	40.7	39305.8	52.6	8.2
60360	-39.5	40.8	39305.9	52.5	8.2
60420	-39.6	40.8	39305.8	52.4	8.2
60480	-39.6	40.9	39305.7	52.3	8.2
60540	-39.7	41.0	39305.5	52.1	8.2
60600	-39.7	41.0	39305.3	52.0	8.2
60660	-39.8	41.1	39305.0	51.9	8.2
60720	-39.9	41.1	39304.5	51.8	8.2

60780	-39.9	41.2	39304.1	51.7	8.2
60840	-40.0	41.3	39303.5	51.6	8.2
60900	-40.1	41.3	39302.9	51.5	8.2
60960	-40.1	41.4	39302.2	51.4	8.2
61020	-40.2	41.5	39301.4	51.2	8.2
61080	-40.2	41.5	39300.5	51.1	8.2
61140	-40.3	41.6	39299.6	51.0	8.2
61200	-40.3	41.7	39298.6	50.9	8.2
61260	-40.4	41.8	39297.5	50.8	8.2
61320	-40.5	41.8	39296.3	50.7	8.2
61380	-40.5	41.9	39295.1	50.6	8.2
61440	-40.6	42.0	39293.8	50.4	8.2
61500	-40.6	42.0	39292.4	50.3	8.2
61560	-40.7	42.1	39291.0	50.2	8.2
61620	-40.7	42.2	39289.4	50.1	8.2
61680	-40.8	42.3	39287.8	50.0	8.2
61740	-40.8	42.3	39286.2	49.8	8.2
61800	-40.9	42.4	39284.4	49.7	8.2
61860	-40.9	42.5	39282.6	49.6	8.2
61920	-40.9	42.6	39280.7	49.5	8.2
61980	-41.0	42.6	39278.7	49.4	8.2
62040	-41.0	42.7	39276.7	49.2	8.2
62100	-41.1	42.8	39274.5	49.1	8.2
62160	-41.1	42.9	39272.4	49.0	8.2
62220	-41.2	42.9	39270.1	48.9	8.2
62280	-41.2	43.0	39267.8	48.8	8.2
62340	-41.2	43.1	39265.3	48.6	8.2
62400	-41.3	43.2	39262.9	48.5	8.2
62460	-41.3	43.3	39260.3	48.4	8.2
62520	-41.4	43.3	39257.7	48.3	8.2
62580	-41.4	43.4	39255.0	48.1	8.2
62640	-41.4	43.5	39252.2	48.0	8.2
62700	-41.5	43.6	39249.4	47.9	8.2
62760	-41.5	43.7	39246.4	47.8	8.2
62820	-41.5	43.7	39243.5	47.7	8.2
62880	-41.5	43.8	39240.4	47.5	8.2
62940	-41.6	43.9	39237.3	47.4	8.2
63000	-41.6	44.0	39234.1	47.3	8.2
63060	-41.6	44.1	39230.8	47.1	8.2
63120	-41.7	44.1	39227.5	47.0	8.2
63180	-41.7	44.2	39224.0	46.9	8.2
63240	-41.7	44.3	39220.6	46.8	8.2
63300	-41.7	44.4	39217.0	46.6	8.2
63360	-41.8	44.5	39213.4	46.5	8.2
63420	-41.8	44.6	39209.7	46.4	8.2
63480	-41.8	44.6	39205.9	46.3	8.2
63540	-41.8	44.7	39202.1	46.1	8.2
63600	-41.8	44.8	39198.2	46.0	8.2
63660	-41.9	44.9	39194.3	45.9	8.2
63720	-41.9	45.0	39190.2	45.7	8.2

63780	-41.9	45.1	39186.1	45.6	8.2
63840	-41.9	45.2	39182.0	45.5	8.2
63900	-41.9	45.2	39177.7	45.3	8.2
63960	-41.9	45.3	39173.4	45.2	8.2
64020	-41.9	45.4	39169.1	45.1	8.2
64080	-41.9	45.5	39164.6	45.0	8.2
64140	-42.0	45.6	39160.1	44.8	8.2
64200	-42.0	45.7	39155.6	44.7	8.2
64260	-42.0	45.8	39150.9	44.6	8.2
64320	-42.0	45.8	39146.2	44.4	8.2
64380	-42.0	45.9	39141.5	44.3	8.2
64440	-42.0	46.0	39136.6	44.2	8.2
64500	-42.0	46.1	39131.8	44.0	8.2
64560	-42.0	46.2	39126.8	43.9	8.2
64620	-42.0	46.3	39121.8	43.8	8.2
64680	-42.0	46.4	39116.7	43.6	8.2
64740	-42.0	46.4	39111.6	43.5	8.2
64800	-42.0	46.5	39106.4	43.3	8.2
64860	-42.0	46.6	39101.1	43.2	8.1
64920	-42.0	46.7	39095.8	43.1	8.1
64980	-42.0	46.8	39090.4	42.9	8.1
65040	-42.0	46.9	39084.9	42.8	8.1
65100	-42.0	47.0	39079.4	42.7	8.1
65160	-42.0	47.1	39073.8	42.5	8.1
65220	-42.0	47.1	39068.2	42.4	8.1
65280	-42.0	47.2	39062.5	42.3	8.1
65340	-41.9	47.3	39056.8	42.1	8.1
65400	-41.9	47.4	39051.0	42.0	8.1
65460	-41.9	47.5	39045.1	41.8	8.1
65520	-41.9	47.6	39039.2	41.7	8.1
65580	-41.9	47.7	39033.2	41.6	8.1
65640	-41.9	47.7	39027.1	41.4	8.1
65700	-41.9	47.8	39021.0	41.3	8.1
65760	-41.8	47.9	39014.9	41.1	8.1
65820	-41.8	48.0	39008.7	41.0	8.1
65880	-41.8	48.1	39002.4	40.9	8.1
65940	-41.8	48.2	38996.1	40.7	8.1
66000	-41.8	48.3	38989.7	40.6	8.1
66060	-41.7	48.3	38983.3	40.4	8.1
66120	-41.7	48.4	38976.8	40.3	8.1
66180	-41.7	48.5	38970.2	40.1	8.1
66240	-41.7	48.6	38963.6	40.0	8.1
66300	-41.7	48.7	38957.0	39.9	8.1
66360	-41.6	48.8	38950.3	39.7	8.1
66420	-41.6	48.8	38943.5	39.6	8.1
66480	-41.6	48.9	38936.7	39.4	8.1
66540	-41.5	49.0	38929.9	39.3	8.1
66600	-41.5	49.1	38923.0	39.1	8.1
66660	-41.5	49.2	38916.0	39.0	8.0
66720	-41.4	49.2	38909.0	38.9	8.0

66780	-41.4	49.3	38902.0	38.7	8.0
66840	-41.4	49.4	38894.9	38.6	8.0
66900	-41.3	49.5	38887.7	38.4	8.0
66960	-41.3	49.6	38880.5	38.3	8.0
67020	-41.3	49.6	38873.3	38.1	8.0
67080	-41.2	49.7	38866.0	38.0	8.0
67140	-41.2	49.8	38858.6	37.8	8.0
67200	-41.2	49.9	38851.3	37.7	8.0
67260	-41.1	50.0	38843.8	37.5	8.0
67320	-41.1	50.0	38836.4	37.4	8.0
67380	-41.0	50.1	38828.8	37.2	8.0
67440	-41.0	50.2	38821.3	37.1	8.0
67500	-40.9	50.3	38813.7	36.9	8.0
67560	-40.9	50.3	38806.0	36.8	8.0
67620	-40.8	50.4	38798.3	36.6	8.0
67680	-40.8	50.5	38790.6	36.5	8.0
67740	-40.8	50.6	38782.8	36.3	8.0
67800	-40.7	50.6	38775.0	36.2	8.0
67860	-40.7	50.7	38767.2	36.0	8.0
67920	-40.6	50.8	38759.3	35.9	7.9
67980	-40.6	50.9	38751.3	35.7	7.9
68040	-40.5	50.9	38743.4	35.6	7.9
68100	-40.4	51.0	38735.3	35.4	7.9
68160	-40.4	51.1	38727.3	35.3	7.9
68220	-40.3	51.2	38719.2	35.1	7.9
68280	-40.3	51.2	38711.1	35.0	7.9
68340	-40.2	51.3	38702.9	34.8	7.9
68400	-40.2	51.4	38694.7	34.7	7.9
68460	-40.1	51.4	38686.5	34.5	7.9
68520	-40.0	51.5	38678.2	34.4	7.9
68580	-40.0	51.6	38669.9	34.2	7.9
68640	-39.9	51.6	38661.6	34.0	7.9
68700	-39.9	51.7	38653.3	33.9	7.9
68760	-39.8	51.8	38644.9	33.7	7.9
68820	-39.7	51.8	38636.4	33.6	7.9
68880	-39.7	51.9	38628.0	33.4	7.9
68940	-39.6	52.0	38619.5	33.3	7.8
69000	-39.5	52.0	38611.0	33.1	7.8
69060	-39.5	52.1	38602.4	33.0	7.8
69120	-39.4	52.1	38593.8	32.8	7.8
69180	-39.3	52.2	38585.2	32.6	7.8
69240	-39.3	52.3	38576.6	32.5	7.8
69300	-39.2	52.3	38567.9	32.3	7.8
69360	-39.1	52.4	38559.3	32.2	7.8
69420	-39.0	52.4	38550.5	32.0	7.8
69480	-39.0	52.5	38541.8	31.8	7.8
69540	-38.9	52.6	38533.1	31.7	7.8
69600	-38.8	52.6	38524.3	31.5	7.8
69660	-38.7	52.7	38515.5	31.4	7.8
69720	-38.7	52.7	38506.6	31.2	7.8

69780	-38.6	52.8	38497.8	31.0	7.7
69840	-38.5	52.8	38488.9	30.9	7.7
69900	-38.4	52.9	38480.0	30.7	7.7
69960	-38.4	53.0	38471.1	30.5	7.7
70020	-38.3	53.0	38462.1	30.4	7.7
70080	-38.2	53.1	38453.2	30.2	7.7
70140	-38.1	53.1	38444.2	30.0	7.7
70200	-38.0	53.2	38435.2	29.9	7.7
70260	-37.9	53.2	38426.2	29.7	7.7
70320	-37.9	53.3	38417.2	29.5	7.7
70380	-37.8	53.3	38408.1	29.4	7.7
70440	-37.7	53.4	38399.1	29.2	7.7
70500	-37.6	53.4	38390.0	29.0	7.7
70560	-37.5	53.4	38380.9	28.9	7.6
70620	-37.4	53.5	38371.8	28.7	7.6
70680	-37.3	53.5	38362.7	28.5	7.6
70740	-37.2	53.6	38353.6	28.4	7.6
70800	-37.2	53.6	38344.4	28.2	7.6
70860	-37.1	53.7	38335.3	28.0	7.6
70920	-37.0	53.7	38326.1	27.9	7.6
70980	-36.9	53.8	38316.9	27.7	7.6
71040	-36.8	53.8	38307.7	27.5	7.6
71100	-36.7	53.8	38298.5	27.3	7.6
71160	-36.6	53.9	38289.3	27.2	7.6
71220	-36.5	53.9	38280.1	27.0	7.6
71280	-36.4	53.9	38270.9	26.8	7.5
71340	-36.3	54.0	38261.7	26.7	7.5
71400	-36.2	54.0	38252.5	26.5	7.5
71460	-36.1	54.1	38243.2	26.3	7.5
71520	-36.0	54.1	38234.0	26.1	7.5
71580	-35.9	54.1	38224.8	26.0	7.5
71640	-35.8	54.2	38215.5	25.8	7.5
71700	-35.7	54.2	38206.3	25.6	7.5
71760	-35.6	54.2	38197.0	25.4	7.5
71820	-35.5	54.3	38187.8	25.2	7.5
71880	-35.4	54.3	38178.5	25.1	7.5
71940	-35.3	54.3	38169.3	24.9	7.5
72000	-35.2	54.4	38160.0	24.7	7.4
72060	-35.1	54.4	38150.8	24.5	7.4
72120	-35.0	54.4	38141.5	24.3	7.4
72180	-34.9	54.4	38132.3	24.2	7.4
72240	-34.8	54.5	38123.0	24.0	7.4
72300	-34.7	54.5	38113.8	23.8	7.4
72360	-34.6	54.5	38104.6	23.6	7.4
72420	-34.4	54.5	38095.3	23.4	7.4
72480	-34.3	54.6	38086.1	23.3	7.4
72540	-34.2	54.6	38076.9	23.1	7.4
72600	-34.1	54.6	38067.7	22.9	7.3
72660	-34.0	54.6	38058.5	22.7	7.3
72720	-33.9	54.6	38049.3	22.5	7.3

72780	-33.8	54.7	38040.1	22.3	7.3
72840	-33.7	54.7	38030.9	22.1	7.3
72900	-33.6	54.7	38021.7	22.0	7.3
72960	-33.4	54.7	38012.6	21.8	7.3
73020	-33.3	54.7	38003.4	21.6	7.3
73080	-33.2	54.8	37994.3	21.4	7.3
73140	-33.1	54.8	37985.2	21.2	7.3
73200	-33.0	54.8	37976.1	21.0	7.2
73260	-32.9	54.8	37967.0	20.8	7.2
73320	-32.7	54.8	37957.9	20.6	7.2
73380	-32.6	54.8	37948.8	20.4	7.2
73440	-32.5	54.8	37939.8	20.2	7.2
73500	-32.4	54.9	37930.7	20.0	7.2
73560	-32.3	54.9	37921.7	19.8	7.2
73620	-32.2	54.9	37912.7	19.7	7.2
73680	-32.0	54.9	37903.7	19.5	7.2
73740	-31.9	54.9	37894.8	19.3	7.2
73800	-31.8	54.9	37885.8	19.1	7.1
73860	-31.7	54.9	37876.9	18.9	7.1
73920	-31.5	54.9	37868.0	18.7	7.1
73980	-31.4	54.9	37859.1	18.5	7.1
74040	-31.3	54.9	37850.2	18.3	7.1
74100	-31.2	54.9	37841.4	18.1	7.1
74160	-31.0	54.9	37832.6	17.9	7.1
74220	-30.9	54.9	37823.8	17.7	7.1
74280	-30.8	55.0	37815.0	17.5	7.1
74340	-30.7	55.0	37806.3	17.3	7.1
74400	-30.5	55.0	37797.5	17.1	7.0
74460	-30.4	55.0	37788.8	16.9	7.0
74520	-30.3	55.0	37780.2	16.6	7.0
74580	-30.2	55.0	37771.5	16.4	7.0
74640	-30.0	55.0	37762.9	16.2	7.0
74700	-29.9	55.0	37754.3	16.0	7.0
74760	-29.8	55.0	37745.8	15.8	7.0
74820	-29.6	54.9	37737.2	15.6	7.0
74880	-29.5	54.9	37728.7	15.4	7.0
74940	-29.4	54.9	37720.3	15.2	6.9
75000	-29.2	54.9	37711.8	15.0	6.9
75060	-29.1	54.9	37703.4	14.8	6.9
75120	-29.0	54.9	37695.1	14.6	6.9
75180	-28.8	54.9	37686.7	14.3	6.9
75240	-28.7	54.9	37678.4	14.1	6.9
75300	-28.6	54.9	37670.1	13.9	6.9
75360	-28.4	54.9	37661.9	13.7	6.9
75420	-28.3	54.9	37653.7	13.5	6.9
75480	-28.2	54.9	37645.5	13.3	6.8
75540	-28.0	54.9	37637.4	13.1	6.8
75600	-27.9	54.9	37629.3	12.8	6.8
75660	-27.8	54.8	37621.2	12.6	6.8
75720	-27.6	54.8	37613.2	12.4	6.8

75780	-27.5	54.8	37605.2	12.2	6.8
75840	-27.4	54.8	37597.3	12.0	6.8
75900	-27.2	54.8	37589.4	11.7	6.8
75960	-27.1	54.8	37581.5	11.5	6.8
76020	-26.9	54.8	37573.7	11.3	6.7
76080	-26.8	54.7	37565.9	11.1	6.7
76140	-26.7	54.7	37558.2	10.8	6.7
76200	-26.5	54.7	37550.5	10.6	6.7
76260	-26.4	54.7	37542.8	10.4	6.7
76320	-26.2	54.7	37535.2	10.2	6.7
76380	-26.1	54.7	37527.6	9.9	6.7
76440	-26.0	54.6	37520.1	9.7	6.7
76500	-25.8	54.6	37512.6	9.5	6.7
76560	-25.7	54.6	37505.2	9.2	6.7
76620	-25.5	54.6	37497.8	9.0	6.6
76680	-25.4	54.6	37490.4	8.8	6.6
76740	-25.2	54.5	37483.1	8.5	6.6
76800	-25.1	54.5	37475.9	8.3	6.6
76860	-25.0	54.5	37468.6	8.1	6.6
76920	-24.8	54.5	37461.5	7.8	6.6
76980	-24.7	54.4	37454.4	7.6	6.6
77040	-24.5	54.4	37447.3	7.4	6.6
77100	-24.4	54.4	37440.3	7.1	6.6
77160	-24.2	54.4	37433.3	6.9	6.5
77220	-24.1	54.3	37426.4	6.6	6.5
77280	-23.9	54.3	37419.6	6.4	6.5
77340	-23.8	54.3	37412.8	6.2	6.5
77400	-23.6	54.3	37406.0	5.9	6.5
77460	-23.5	54.2	37399.3	5.7	6.5
77520	-23.3	54.2	37392.6	5.4	6.5
77580	-23.2	54.2	37386.0	5.2	6.5
77640	-23.1	54.2	37379.5	4.9	6.5
77700	-22.9	54.1	37373.0	4.7	6.5
77760	-22.8	54.1	37366.5	4.5	6.4
77820	-22.6	54.1	37360.2	4.2	6.4
77880	-22.5	54.0	37353.8	4.0	6.4
77940	-22.3	54.0	37347.5	3.7	6.4
78000	-22.2	54.0	37341.3	3.5	6.4
78060	-22.0	53.9	37335.2	3.2	6.4
78120	-21.9	53.9	37329.1	3.0	6.4
78180	-21.7	53.9	37323.0	2.7	6.4
78240	-21.6	53.8	37317.0	2.4	6.4
78300	-21.4	53.8	37311.1	2.2	6.4
78360	-21.2	53.8	37305.2	1.9	6.3
78420	-21.1	53.7	37299.4	1.7	6.3
78480	-20.9	53.7	37293.6	1.4	6.3
78540	-20.8	53.7	37287.9	1.2	6.3
78600	-20.6	53.6	37282.3	0.9	6.3
78660	-20.5	53.6	37276.7	0.7	6.3
78720	-20.3	53.5	37271.2	0.4	6.3

78780	-20.2	53.5	37265.7	0.1	6.3
78840	-20.0	53.5	37260.3	359.9	6.3
78900	-19.9	53.4	37255.0	359.6	6.3
78960	-19.7	53.4	37249.7	359.4	6.2
79020	-19.6	53.4	37244.5	359.1	6.2
79080	-19.4	53.3	37239.3	358.8	6.2
79140	-19.2	53.3	37234.2	358.6	6.2
79200	-19.1	53.2	37229.2	358.3	6.2
79260	-18.9	53.2	37224.2	358.0	6.2
79320	-18.8	53.1	37219.3	357.8	6.2
79380	-18.6	53.1	37214.5	357.5	6.2
79440	-18.5	53.1	37209.7	357.2	6.2
79500	-18.3	53.0	37205.0	357.0	6.2
79560	-18.2	53.0	37200.3	356.7	6.2
79620	-18.0	52.9	37195.8	356.4	6.2
79680	-17.8	52.9	37191.2	356.2	6.1
79740	-17.7	52.8	37186.8	355.9	6.1
79800	-17.5	52.8	37182.4	355.6	6.1
79860	-17.4	52.8	37178.1	355.3	6.1
79920	-17.2	52.7	37173.8	355.1	6.1
79980	-17.0	52.7	37169.6	354.8	6.1
80040	-16.9	52.6	37165.5	354.5	6.1
80100	-16.7	52.6	37161.5	354.2	6.1
80160	-16.6	52.5	37157.5	354.0	6.1
80220	-16.4	52.5	37153.5	353.7	6.1
80280	-16.3	52.4	37149.7	353.4	6.1
80340	-16.1	52.4	37145.9	353.1	6.1
80400	-15.9	52.3	37142.2	352.9	6.1
80460	-15.8	52.3	37138.5	352.6	6.0
80520	-15.6	52.2	37135.0	352.3	6.0
80580	-15.5	52.2	37131.4	352.0	6.0
80640	-15.3	52.1	37128.0	351.7	6.0
80700	-15.1	52.1	37124.6	351.5	6.0
80760	-15.0	52.0	37121.3	351.2	6.0
80820	-14.8	52.0	37118.1	350.9	6.0
80880	-14.6	51.9	37114.9	350.6	6.0
80940	-14.5	51.9	37111.8	350.3	6.0
81000	-14.3	51.8	37108.8	350.1	6.0
81060	-14.2	51.8	37105.8	349.8	6.0
81120	-14.0	51.7	37102.9	349.5	6.0
81180	-13.8	51.7	37100.1	349.2	6.0
81240	-13.7	51.6	37097.3	348.9	6.0
81300	-13.5	51.6	37094.6	348.7	6.0
81360	-13.4	51.5	37092.0	348.4	5.9
81420	-13.2	51.5	37089.5	348.1	5.9
81480	-13.0	51.4	37087.0	347.8	5.9
81540	-12.9	51.4	37084.6	347.5	5.9
81600	-12.7	51.3	37082.3	347.2	5.9
81660	-12.5	51.3	37080.0	346.9	5.9
81720	-12.4	51.2	37077.8	346.7	5.9

81780	-12.2	51.2	37075.7	346.4	5.9
81840	-12.0	51.1	37073.7	346.1	5.9
81900	-11.9	51.0	37071.7	345.8	5.9
81960	-11.7	51.0	37069.8	345.5	5.9
82020	-11.6	50.9	37067.9	345.2	5.9
82080	-11.4	50.9	37066.2	344.9	5.9
82140	-11.2	50.8	37064.5	344.7	5.9
82200	-11.1	50.8	37062.9	344.4	5.9
82260	-10.9	50.7	37061.3	344.1	5.9
82320	-10.7	50.7	37059.8	343.8	5.9
82380	-10.6	50.6	37058.4	343.5	5.9
82440	-10.4	50.5	37057.1	343.2	5.9
82500	-10.2	50.5	37055.8	342.9	5.9
82560	-10.1	50.4	37054.6	342.7	5.9
82620	-9.9	50.4	37053.5	342.4	5.9
82680	-9.7	50.3	37052.4	342.1	5.9
82740	-9.6	50.3	37051.4	341.8	5.8
82800	-9.4	50.2	37050.5	341.5	5.8
82860	-9.2	50.1	37049.7	341.2	5.8
82920	-9.1	50.1	37048.9	340.9	5.8
82980	-8.9	50.0	37048.2	340.7	5.8
83040	-8.7	50.0	37047.6	340.4	5.8
83100	-8.6	49.9	37047.0	340.1	5.8
83160	-8.4	49.8	37046.5	339.8	5.8
83220	-8.2	49.8	37046.1	339.5	5.8
83280	-8.1	49.7	37045.8	339.2	5.8
83340	-7.9	49.7	37045.5	339.0	5.8
83400	-7.7	49.6	37045.3	338.7	5.8
83460	-7.6	49.5	37045.1	338.4	5.8
83520	-7.4	49.5	37045.1	338.1	5.8
83580	-7.2	49.4	37045.1	337.8	5.8
83640	-7.1	49.4	37045.1	337.6	5.8
83700	-6.9	49.3	37045.3	337.3	5.8
83760	-6.7	49.2	37045.5	337.0	5.8
83820	-6.6	49.2	37045.8	336.7	5.8
83880	-6.4	49.1	37046.1	336.4	5.8
83940	-6.2	49.1	37046.6	336.2	5.8
84000	-6.1	49.0	37047.0	335.9	5.8
84060	-5.9	48.9	37047.6	335.6	5.8
84120	-5.7	48.9	37048.2	335.3	5.8

84180	-5.6	48.8	37048.9	335.0	5.8
84240	-5.4	48.8	37049.7	334.8	5.8
84300	-5.2	48.7	37050.5	334.5	5.8
84360	-5.1	48.6	37051.4	334.2	5.8
84420	-4.9	48.6	37052.4	333.9	5.8
84480	-4.7	48.5	37053.4	333.7	5.8
84540	-4.6	48.4	37054.5	333.4	5.8
84600	-4.4	48.4	37055.7	333.1	5.8
84660	-4.2	48.3	37056.9	332.9	5.8
84720	-4.1	48.3	37058.2	332.6	5.8
84780	-3.9	48.2	37059.6	332.3	5.8
84840	-3.7	48.1	37061.0	332.0	5.8
84900	-3.6	48.1	37062.5	331.8	5.8
84960	-3.4	48.0	37064.1	331.5	5.8
85020	-3.2	47.9	37065.7	331.2	5.8
85080	-3.0	47.9	37067.4	331.0	5.8
85140	-2.9	47.8	37069.2	330.7	5.8
85200	-2.7	47.8	37071.0	330.5	5.8
85260	-2.5	47.7	37072.9	330.2	5.8
85320	-2.4	47.6	37074.9	329.9	5.8
85380	-2.2	47.6	37076.9	329.7	5.8
85440	-2.0	47.5	37079.0	329.4	5.8
85500	-1.9	47.4	37081.1	329.1	5.8
85560	-1.7	47.4	37083.3	328.9	5.8
85620	-1.5	47.3	37085.6	328.6	5.8
85680	-1.4	47.3	37087.9	328.4	5.8
85740	-1.2	47.2	37090.3	328.1	5.9
85800	-1.0	47.1	37092.8	327.9	5.9
85860	-0.9	47.1	37095.3	327.6	5.9
85920	-0.7	47.0	37097.9	327.4	5.9
85980	-0.5	46.9	37100.5	327.1	5.9
86040	-0.3	46.9	37103.2	326.9	5.9
86100	-0.2	46.8	37106.0	326.6	5.9
86160	0.0	46.7	37108.8	326.4	5.9
86220	0.2	46.7	37111.7	326.1	5.9
86280	0.3	46.6	37114.7	325.9	5.9
86340	0.5	46.6	37117.7	325.6	5.9
86400	0.7	46.5	37120.7	325.4	5.9

TABLEAU / TABLE / CUADRO / 表 / ТАБЛИЦА / 2

Temps Time Tiempo 时间 Время وقت	Latitude Latitud 纬度 Широта خط العرض	Longitude Longitud 经度 Долгота خط الطول	Distance Range Distancia 距离 Расстояние المسافة (km / كم)	Alpha	Beta
0	0.0	65.5	36032.6	334.1	3.2
60	0.2	65.4	36033.2	333.6	3.2
120	0.3	65.4	36033.9	333.0	3.2
180	0.5	65.3	36034.7	332.4	3.2

240	0.7	65.2	36035.5	331.9	3.2
300	0.8	65.2	36036.4	331.3	3.2
360	1.0	65.1	36037.3	330.8	3.2
420	1.2	65.1	36038.4	330.2	3.2
480	1.3	65.0	36039.5	329.7	3.2

540	1.5	64.9	36040.6	329.1	3.2
600	1.7	64.9	36041.9	328.6	3.2
660	1.9	64.8	36043.2	328.1	3.2
720	2.0	64.7	36044.6	327.5	3.2
780	2.2	64.7	36046.0	327.0	3.2
840	2.4	64.6	36047.6	326.5	3.2
900	2.5	64.6	36049.1	325.9	3.2
960	2.7	64.5	36050.8	325.4	3.2
1020	2.9	64.4	36052.5	324.9	3.2
1080	3.0	64.4	36054.3	324.3	3.2
1140	3.2	64.3	36056.2	323.8	3.2
1200	3.4	64.2	36058.2	323.3	3.2
1260	3.5	64.2	36060.2	322.8	3.2
1320	3.7	64.1	36062.2	322.3	3.3
1380	3.9	64.1	36064.4	321.8	3.3
1440	4.0	64.0	36066.6	321.3	3.3
1500	4.2	63.9	36068.9	320.8	3.3
1560	4.4	63.9	36071.2	320.3	3.3
1620	4.6	63.8	36073.6	319.8	3.3
1680	4.7	63.7	36076.1	319.3	3.3
1740	4.9	63.7	36078.6	318.8	3.3
1800	5.1	63.6	36081.2	318.3	3.3
1860	5.2	63.6	36083.9	317.9	3.3
1920	5.4	63.5	36086.6	317.4	3.3
1980	5.6	63.4	36089.4	316.9	3.3
2040	5.7	63.4	36092.3	316.4	3.4
2100	5.9	63.3	36095.2	316.0	3.4
2160	6.1	63.2	36098.2	315.5	3.4
2220	6.2	63.2	36101.3	315.1	3.4
2280	6.4	63.1	36104.4	314.6	3.4
2340	6.6	63.1	36107.6	314.2	3.4
2400	6.7	63.0	36110.8	313.7	3.4
2460	6.9	62.9	36114.1	313.3	3.4
2520	7.1	62.9	36117.5	312.9	3.4
2580	7.2	62.8	36120.9	312.4	3.4
2640	7.4	62.8	36124.4	312.0	3.5
2700	7.6	62.7	36127.9	311.6	3.5
2760	7.7	62.6	36131.5	311.2	3.5
2820	7.9	62.6	36135.2	310.8	3.5
2880	8.1	62.5	36138.9	310.4	3.5
2940	8.2	62.5	36142.7	310.0	3.5
3000	8.4	62.4	36146.5	309.6	3.5
3060	8.6	62.3	36150.4	309.2	3.5
3120	8.7	62.3	36154.4	308.8	3.6
3180	8.9	62.2	36158.4	308.4	3.6
3240	9.1	62.2	36162.5	308.0	3.6
3300	9.2	62.1	36166.6	307.6	3.6
3360	9.4	62.1	36170.8	307.3	3.6

3420	9.6	62.0	36175.0	306.9	3.6
3480	9.7	61.9	36179.3	306.5	3.6
3540	9.9	61.9	36183.6	306.2	3.7
3600	10.1	61.8	36188.0	305.8	3.7
3660	10.2	61.8	36192.5	305.5	3.7
3720	10.4	61.7	36197.0	305.1	3.7
3780	10.6	61.6	36201.5	304.8	3.7
3840	10.7	61.6	36206.2	304.4	3.7
3900	10.9	61.5	36210.8	304.1	3.7
3960	11.0	61.5	36215.5	303.8	3.8
4020	11.2	61.4	36220.3	303.4	3.8
4080	11.4	61.4	36225.1	303.1	3.8
4140	11.5	61.3	36229.9	302.8	3.8
4200	11.7	61.3	36234.9	302.5	3.8
4260	11.9	61.2	36239.8	302.2	3.8
4320	12.0	61.1	36244.8	301.9	3.8
4380	12.2	61.1	36249.9	301.6	3.9
4440	12.4	61.0	36255.0	301.3	3.9
4500	12.5	61.0	36260.1	301.0	3.9
4560	12.7	60.9	36265.3	300.7	3.9
4620	12.9	60.9	36270.5	300.4	3.9
4680	13.0	60.8	36275.8	300.1	3.9
4740	13.2	60.8	36281.1	299.8	3.9
4800	13.3	60.7	36286.5	299.5	4.0
4860	13.5	60.7	36291.9	299.3	4.0
4920	13.7	60.6	36297.4	299.0	4.0
4980	13.8	60.6	36302.9	298.7	4.0
5040	14.0	60.5	36308.4	298.5	4.0
5100	14.2	60.5	36314.0	298.2	4.0
5160	14.3	60.4	36319.6	298.0	4.1
5220	14.5	60.4	36325.3	297.7	4.1
5280	14.6	60.3	36331.0	297.5	4.1
5340	14.8	60.3	36336.7	297.2	4.1
5400	15.0	60.2	36342.5	297.0	4.1
5460	15.1	60.2	36348.3	296.8	4.1
5520	15.3	60.1	36354.2	296.5	4.2
5580	15.4	60.1	36360.0	296.3	4.2
5640	15.6	60.0	36366.0	296.1	4.2
5700	15.8	60.0	36371.9	295.8	4.2
5760	15.9	59.9	36377.9	295.6	4.2
5820	16.1	59.9	36384.0	295.4	4.2
5880	16.2	59.8	36390.0	295.2	4.2
5940	16.4	59.8	36396.1	295.0	4.3
6000	16.6	59.7	36402.3	294.8	4.3
6060	16.7	59.7	36408.4	294.6	4.3
6120	16.9	59.6	36414.6	294.4	4.3
6180	17.0	59.6	36420.9	294.2	4.3
6240	17.2	59.5	36427.1	294.0	4.3



6300	17.4	59.5	36433.4	293.8	4.4
6360	17.5	59.4	36439.7	293.6	4.4
6420	17.7	59.4	36446.1	293.4	4.4
6480	17.8	59.4	36452.4	293.2	4.4
6540	18.0	59.3	36458.8	293.0	4.4
6600	18.1	59.3	36465.3	292.9	4.4
6660	18.3	59.2	36471.7	292.7	4.5
6720	18.5	59.2	36478.2	292.5	4.5
6780	18.6	59.1	36484.7	292.4	4.5
6840	18.8	59.1	36491.2	292.2	4.5
6900	18.9	59.1	36497.8	292.0	4.5
6960	19.1	59.0	36504.4	291.9	4.5
7020	19.2	59.0	36511.0	291.7	4.5
7080	19.4	58.9	36517.6	291.6	4.6
7140	19.5	58.9	36524.2	291.4	4.6
7200	19.7	58.9	36530.9	291.2	4.6
7260	19.9	58.8	36537.6	291.1	4.6
7320	20.0	58.8	36544.3	291.0	4.6
7380	20.2	58.7	36551.0	290.8	4.6
7440	20.3	58.7	36557.8	290.7	4.7
7500	20.5	58.7	36564.5	290.5	4.7
7560	20.6	58.6	36571.3	290.4	4.7
7620	20.8	58.6	36578.1	290.3	4.7
7680	20.9	58.6	36584.9	290.1	4.7
7740	21.1	58.5	36591.7	290.0	4.7
7800	21.2	58.5	36598.6	289.9	4.8
7860	21.4	58.4	36605.4	289.8	4.8
7920	21.5	58.4	36612.3	289.6	4.8
7980	21.7	58.4	36619.2	289.5	4.8
8040	21.8	58.3	36626.1	289.4	4.8
8100	22.0	58.3	36633.0	289.3	4.8
8160	22.1	58.3	36639.9	289.2	4.8
8220	22.3	58.2	36646.8	289.1	4.9
8280	22.4	58.2	36653.8	289.0	4.9
8340	22.6	58.2	36660.7	288.8	4.9
8400	22.7	58.2	36667.7	288.7	4.9
8460	22.9	58.1	36674.7	288.6	4.9
8520	23.0	58.1	36681.6	288.5	4.9
8580	23.2	58.1	36688.6	288.4	4.9
8640	23.3	58.0	36695.6	288.3	5.0
8700	23.5	58.0	36702.6	288.3	5.0
8760	23.6	58.0	36709.6	288.2	5.0
8820	23.8	57.9	36716.6	288.1	5.0
8880	23.9	57.9	36723.6	288.0	5.0
8940	24.1	57.9	36730.6	287.9	5.0
9000	24.2	57.9	36737.6	287.8	5.0
9060	24.4	57.8	36744.7	287.7	5.1
9120	24.5	57.8	36751.7	287.6	5.1

9180	24.7	57.8	36758.7	287.6	5.1
9240	24.8	57.8	36765.7	287.5	5.1
9300	24.9	57.7	36772.7	287.4	5.1
9360	25.1	57.7	36779.7	287.3	5.1
9420	25.2	57.7	36786.8	287.3	5.1
9480	25.4	57.7	36793.8	287.2	5.2
9540	25.5	57.7	36800.8	287.1	5.2
9600	25.7	57.6	36807.8	287.1	5.2
9660	25.8	57.6	36814.8	287.0	5.2
9720	25.9	57.6	36821.8	286.9	5.2
9780	26.1	57.6	36828.8	286.9	5.2
9840	26.2	57.6	36835.8	286.8	5.2
9900	26.4	57.5	36842.8	286.8	5.3
9960	26.5	57.5	36849.7	286.7	5.3
10020	26.7	57.5	36856.7	286.6	5.3
10080	26.8	57.5	36863.7	286.6	5.3
10140	26.9	57.5	36870.6	286.5	5.3
10200	27.1	57.5	36877.6	286.5	5.3
10260	27.2	57.4	36884.5	286.4	5.3
10320	27.3	57.4	36891.4	286.4	5.3
10380	27.5	57.4	36898.3	286.4	5.4
10440	27.6	57.4	36905.2	286.3	5.4
10500	27.8	57.4	36912.1	286.3	5.4
10560	27.9	57.4	36919.0	286.2	5.4
10620	28.0	57.4	36925.8	286.2	5.4
10680	28.2	57.4	36932.7	286.1	5.4
10740	28.3	57.4	36939.5	286.1	5.4
10800	28.4	57.3	36946.3	286.1	5.4
10860	28.6	57.3	36953.1	286.0	5.5
10920	28.7	57.3	36959.9	286.0	5.5
10980	28.8	57.3	36966.7	286.0	5.5
11040	29.0	57.3	36973.4	285.9	5.5
11100	29.1	57.3	36980.2	285.9	5.5
11160	29.2	57.3	36986.9	285.9	5.5
11220	29.4	57.3	36993.6	285.9	5.5
11280	29.5	57.3	37000.3	285.8	5.5
11340	29.6	57.3	37006.9	285.8	5.5
11400	29.8	57.3	37013.6	285.8	5.6
11460	29.9	57.3	37020.2	285.8	5.6
11520	30.0	57.3	37026.8	285.8	5.6
11580	30.1	57.3	37033.3	285.7	5.6
11640	30.3	57.3	37039.9	285.7	5.6
11700	30.4	57.3	37046.4	285.7	5.6
11760	30.5	57.3	37052.9	285.7	5.6
11820	30.7	57.3	37059.4	285.7	5.6
11880	30.8	57.3	37065.8	285.7	5.6
11940	30.9	57.3	37072.3	285.7	5.6
12000	31.0	57.3	37078.7	285.6	5.7

12060	31.2	57.3	37085.0	285.6	5.7
12120	31.3	57.3	37091.4	285.6	5.7
12180	31.4	57.3	37097.7	285.6	5.7
12240	31.5	57.3	37104.0	285.6	5.7
12300	31.7	57.3	37110.2	285.6	5.7
12360	31.8	57.3	37116.5	285.6	5.7
12420	31.9	57.3	37122.7	285.6	5.7
12480	32.0	57.4	37128.8	285.6	5.7
12540	32.1	57.4	37135.0	285.6	5.7
12600	32.3	57.4	37141.1	285.6	5.8
12660	32.4	57.4	37147.2	285.6	5.8
12720	32.5	57.4	37153.2	285.6	5.8
12780	32.6	57.4	37159.2	285.6	5.8
12840	32.7	57.4	37165.2	285.6	5.8
12900	32.9	57.4	37171.2	285.6	5.8
12960	33.0	57.4	37177.1	285.6	5.8
13020	33.1	57.5	37183.0	285.6	5.8
13080	33.2	57.5	37188.8	285.7	5.8
13140	33.3	57.5	37194.6	285.7	5.8
13200	33.4	57.5	37200.4	285.7	5.8
13260	33.6	57.5	37206.1	285.7	5.9
13320	33.7	57.6	37211.8	285.7	5.9
13380	33.8	57.6	37217.5	285.7	5.9
13440	33.9	57.6	37223.1	285.7	5.9
13500	34.0	57.6	37228.7	285.8	5.9
13560	34.1	57.6	37234.3	285.8	5.9
13620	34.2	57.7	37239.8	285.8	5.9
13680	34.3	57.7	37245.2	285.8	5.9
13740	34.4	57.7	37250.7	285.8	5.9
13800	34.6	57.7	37256.0	285.9	5.9
13860	34.7	57.8	37261.4	285.9	5.9
13920	34.8	57.8	37266.7	285.9	5.9
13980	34.9	57.8	37272.0	285.9	5.9
14040	35.0	57.8	37277.2	286.0	6.0
14100	35.1	57.9	37282.4	286.0	6.0
14160	35.2	57.9	37287.5	286.0	6.0
14220	35.3	57.9	37292.6	286.0	6.0
14280	35.4	57.9	37297.7	286.1	6.0
14340	35.5	58.0	37302.7	286.1	6.0
14400	35.6	58.0	37307.6	286.1	6.0
14460	35.7	58.0	37312.5	286.2	6.0
14520	35.8	58.1	37317.4	286.2	6.0
14580	35.9	58.1	37322.2	286.2	6.0
14640	36.0	58.1	37327.0	286.3	6.0
14700	36.1	58.2	37331.7	286.3	6.0
14760	36.2	58.2	37336.4	286.3	6.0
14820	36.3	58.3	37341.1	286.4	6.0
14880	36.4	58.3	37345.7	286.4	6.0

14940	36.5	58.3	37350.2	286.4	6.0
15000	36.6	58.4	37354.7	286.5	6.1
15060	36.7	58.4	37359.2	286.5	6.1
15120	36.8	58.4	37363.6	286.6	6.1
15180	36.9	58.5	37367.9	286.6	6.1
15240	37.0	58.5	37372.2	286.6	6.1
15300	37.1	58.6	37376.5	286.7	6.1
15360	37.1	58.6	37380.7	286.7	6.1
15420	37.2	58.7	37384.8	286.8	6.1
15480	37.3	58.7	37388.9	286.8	6.1
15540	37.4	58.7	37392.9	286.9	6.1
15600	37.5	58.8	37396.9	286.9	6.1
15660	37.6	58.8	37400.9	286.9	6.1
15720	37.7	58.9	37404.8	287.0	6.1
15780	37.8	58.9	37408.6	287.0	6.1
15840	37.9	59.0	37412.4	287.1	6.1
15900	37.9	59.0	37416.1	287.1	6.1
15960	38.0	59.1	37419.8	287.2	6.1
16020	38.1	59.1	37423.4	287.2	6.1
16080	38.2	59.2	37427.0	287.3	6.1
16140	38.3	59.2	37430.5	287.4	6.1
16200	38.3	59.3	37434.0	287.4	6.1
16260	38.4	59.3	37437.4	287.5	6.2
16320	38.5	59.4	37440.8	287.5	6.2
16380	38.6	59.4	37444.1	287.6	6.2
16440	38.7	59.5	37447.3	287.6	6.2
16500	38.7	59.6	37450.5	287.7	6.2
16560	38.8	59.6	37453.6	287.7	6.2
16620	38.9	59.7	37456.7	287.8	6.2
16680	39.0	59.7	37459.7	287.9	6.2
16740	39.0	59.8	37462.7	287.9	6.2
16800	39.1	59.8	37465.6	288.0	6.2
16860	39.2	59.9	37468.4	288.0	6.2
16920	39.3	60.0	37471.2	288.1	6.2
16980	39.3	60.0	37474.0	288.2	6.2
17040	39.4	60.1	37476.7	288.2	6.2
17100	39.5	60.2	37479.3	288.3	6.2
17160	39.5	60.2	37481.8	288.4	6.2
17220	39.6	60.3	37484.3	288.4	6.2
17280	39.7	60.3	37486.8	288.5	6.2
17340	39.7	60.4	37489.2	288.5	6.2
17400	39.8	60.5	37491.5	288.6	6.2
17460	39.9	60.5	37493.8	288.7	6.2
17520	39.9	60.6	37496.0	288.7	6.2
17580	40.0	60.7	37498.1	288.8	6.2
17640	40.0	60.7	37500.2	288.9	6.2
17700	40.1	60.8	37502.2	289.0	6.2
17760	40.2	60.9	37504.2	289.0	6.2

17820	40.2	60.9	37506.1	289.1	6.2
17880	40.3	61.0	37508.0	289.2	6.2
17940	40.3	61.1	37509.8	289.2	6.2
18000	40.4	61.2	37511.5	289.3	6.2
18060	40.4	61.2	37513.2	289.4	6.2
18120	40.5	61.3	37514.8	289.5	6.2
18180	40.5	61.4	37516.3	289.5	6.2
18240	40.6	61.4	37517.8	289.6	6.2
18300	40.6	61.5	37519.3	289.7	6.2
18360	40.7	61.6	37520.6	289.8	6.2
18420	40.7	61.7	37521.9	289.8	6.2
18480	40.8	61.7	37523.2	289.9	6.2
18540	40.8	61.8	37524.4	290.0	6.2
18600	40.9	61.9	37525.5	290.1	6.2
18660	40.9	62.0	37526.6	290.1	6.2
18720	41.0	62.0	37527.6	290.2	6.2
18780	41.0	62.1	37528.5	290.3	6.2
18840	41.1	62.2	37529.4	290.4	6.2
18900	41.1	62.3	37530.2	290.5	6.2
18960	41.2	62.3	37530.9	290.5	6.2
19020	41.2	62.4	37531.6	290.6	6.2
19080	41.2	62.5	37532.3	290.7	6.2
19140	41.3	62.6	37532.8	290.8	6.2
19200	41.3	62.7	37533.3	290.9	6.2
19260	41.3	62.7	37533.8	290.9	6.2
19320	41.4	62.8	37534.2	291.0	6.2
19380	41.4	62.9	37534.5	291.1	6.2
19440	41.4	63.0	37534.8	291.2	6.2
19500	41.5	63.1	37535.0	291.3	6.2
19560	41.5	63.1	37535.1	291.4	6.2
19620	41.5	63.2	37535.2	291.5	6.2
19680	41.6	63.3	37535.2	291.5	6.2
19740	41.6	63.4	37535.1	291.6	6.2
19800	41.6	63.5	37535.0	291.7	6.2
19860	41.7	63.6	37534.9	291.8	6.2
19920	41.7	63.6	37534.6	291.9	6.2
19980	41.7	63.7	37534.3	292.0	6.2
20040	41.7	63.8	37534.0	292.1	6.2
20100	41.7	63.9	37533.6	292.2	6.2
20160	41.8	64.0	37533.1	292.3	6.2
20220	41.8	64.1	37532.5	292.3	6.2
20280	41.8	64.2	37531.9	292.4	6.2
20340	41.8	64.2	37531.3	292.5	6.2
20400	41.8	64.3	37530.6	292.6	6.2
20460	41.9	64.4	37529.8	292.7	6.2
20520	41.9	64.5	37528.9	292.8	6.2
20580	41.9	64.6	37528.0	292.9	6.2
20640	41.9	64.7	37527.0	293.0	6.2

20700	41.9	64.7	37526.0	293.1	6.2
20760	41.9	64.8	37524.9	293.2	6.2
20820	41.9	64.9	37523.8	293.3	6.2
20880	42.0	65.0	37522.6	293.4	6.2
20940	42.0	65.1	37521.3	293.5	6.2
21000	42.0	65.2	37520.0	293.6	6.2
21060	42.0	65.3	37518.6	293.7	6.2
21120	42.0	65.4	37517.1	293.8	6.2
21180	42.0	65.4	37515.6	293.9	6.2
21240	42.0	65.5	37514.0	294.0	6.1
21300	42.0	65.6	37512.4	294.1	6.1
21360	42.0	65.7	37510.7	294.2	6.1
21420	42.0	65.8	37509.0	294.3	6.1
21480	42.0	65.9	37507.2	294.4	6.1
21540	42.0	66.0	37505.3	294.5	6.1
21600	42.0	66.0	37503.4	294.6	6.1
21660	42.0	66.1	37501.4	294.7	6.1
21720	42.0	66.2	37499.3	294.8	6.1
21780	42.0	66.3	37497.2	294.9	6.1
21840	42.0	66.4	37495.1	295.0	6.1
21900	42.0	66.5	37492.8	295.1	6.1
21960	42.0	66.6	37490.6	295.2	6.1
22020	42.0	66.7	37488.2	295.3	6.1
22080	41.9	66.7	37485.8	295.4	6.1
22140	41.9	66.8	37483.4	295.5	6.1
22200	41.9	66.9	37480.9	295.6	6.1
22260	41.9	67.0	37478.3	295.7	6.1
22320	41.9	67.1	37475.7	295.8	6.1
22380	41.9	67.2	37473.0	295.9	6.1
22440	41.9	67.2	37470.3	296.0	6.1
22500	41.9	67.3	37467.5	296.1	6.0
22560	41.8	67.4	37464.7	296.2	6.0
22620	41.8	67.5	37461.8	296.3	6.0
22680	41.8	67.6	37458.8	296.5	6.0
22740	41.8	67.7	37455.8	296.6	6.0
22800	41.8	67.8	37452.8	296.7	6.0
22860	41.7	67.8	37449.6	296.8	6.0
22920	41.7	67.9	37446.5	296.9	6.0
22980	41.7	68.0	37443.2	297.0	6.0
23040	41.7	68.1	37440.0	297.1	6.0
23100	41.6	68.2	37436.6	297.2	6.0
23160	41.6	68.3	37433.3	297.3	6.0
23220	41.6	68.3	37429.8	297.4	6.0
23280	41.5	68.4	37426.3	297.6	6.0
23340	41.5	68.5	37422.8	297.7	6.0
23400	41.5	68.6	37419.2	297.8	6.0
23460	41.5	68.7	37415.5	297.9	5.9
23520	41.4	68.7	37411.9	298.0	5.9

23580	41.4	68.8	37408.1	298.1	5.9
23640	41.4	68.9	37404.3	298.2	5.9
23700	41.3	69.0	37400.5	298.4	5.9
23760	41.3	69.1	37396.6	298.5	5.9
23820	41.2	69.1	37392.6	298.6	5.9
23880	41.2	69.2	37388.6	298.7	5.9
23940	41.2	69.3	37384.6	298.8	5.9
24000	41.1	69.4	37380.5	298.9	5.9
24060	41.1	69.5	37376.4	299.1	5.9
24120	41.0	69.5	37372.2	299.2	5.9
24180	41.0	69.6	37367.9	299.3	5.9
24240	41.0	69.7	37363.6	299.4	5.8
24300	40.9	69.8	37359.3	299.5	5.8
24360	40.9	69.8	37354.9	299.7	5.8
24420	40.8	69.9	37350.5	299.8	5.8
24480	40.8	70.0	37346.1	299.9	5.8
24540	40.7	70.1	37341.5	300.0	5.8
24600	40.7	70.1	37337.0	300.2	5.8
24660	40.6	70.2	37332.4	300.3	5.8
24720	40.6	70.3	37327.7	300.4	5.8
24780	40.5	70.3	37323.0	300.5	5.8
24840	40.5	70.4	37318.3	300.6	5.8
24900	40.4	70.5	37313.5	300.8	5.8
24960	40.4	70.6	37308.7	300.9	5.7
25020	40.3	70.6	37303.9	301.0	5.7
25080	40.2	70.7	37299.0	301.1	5.7
25140	40.2	70.8	37294.0	301.3	5.7
25200	40.1	70.8	37289.0	301.4	5.7
25260	40.1	70.9	37284.0	301.5	5.7
25320	40.0	71.0	37278.9	301.7	5.7
25380	39.9	71.0	37273.8	301.8	5.7
25440	39.9	71.1	37268.7	301.9	5.7
25500	39.8	71.2	37263.5	302.0	5.7
25560	39.8	71.2	37258.3	302.2	5.6
25620	39.7	71.3	37253.0	302.3	5.6
25680	39.6	71.3	37247.8	302.4	5.6
25740	39.6	71.4	37242.4	302.6	5.6
25800	39.5	71.5	37237.1	302.7	5.6
25860	39.4	71.5	37231.6	302.8	5.6
25920	39.4	71.6	37226.2	303.0	5.6
25980	39.3	71.7	37220.7	303.1	5.6
26040	39.2	71.7	37215.2	303.2	5.6
26100	39.1	71.8	37209.7	303.4	5.5
26160	39.1	71.8	37204.1	303.5	5.5
26220	39.0	71.9	37198.5	303.6	5.5
26280	38.9	71.9	37192.9	303.8	5.5
26340	38.8	72.0	37187.2	303.9	5.5
26400	38.8	72.1	37181.5	304.1	5.5

26460	38.7	72.1	37175.7	304.2	5.5
26520	38.6	72.2	37170.0	304.3	5.5
26580	38.5	72.2	37164.2	304.5	5.5
26640	38.5	72.3	37158.3	304.6	5.4
26700	38.4	72.3	37152.5	304.7	5.4
26760	38.3	72.4	37146.6	304.9	5.4
26820	38.2	72.4	37140.7	305.0	5.4
26880	38.1	72.5	37134.8	305.2	5.4
26940	38.1	72.5	37128.8	305.3	5.4
27000	38.0	72.6	37122.8	305.5	5.4
27060	37.9	72.6	37116.8	305.6	5.4
27120	37.8	72.7	37110.7	305.8	5.3
27180	37.7	72.7	37104.6	305.9	5.3
27240	37.6	72.8	37098.6	306.0	5.3
27300	37.6	72.8	37092.4	306.2	5.3
27360	37.5	72.9	37086.3	306.3	5.3
27420	37.4	72.9	37080.1	306.5	5.3
27480	37.3	72.9	37073.9	306.6	5.3
27540	37.2	73.0	37067.7	306.8	5.3
27600	37.1	73.0	37061.5	306.9	5.2
27660	37.0	73.1	37055.2	307.1	5.2
27720	36.9	73.1	37049.0	307.2	5.2
27780	36.8	73.1	37042.7	307.4	5.2
27840	36.7	73.2	37036.4	307.5	5.2
27900	36.6	73.2	37030.0	307.7	5.2
27960	36.6	73.3	37023.7	307.9	5.2
28020	36.5	73.3	37017.3	308.0	5.2
28080	36.4	73.3	37010.9	308.2	5.1
28140	36.3	73.4	37004.5	308.3	5.1
28200	36.2	73.4	36998.1	308.5	5.1
28260	36.1	73.4	36991.7	308.6	5.1
28320	36.0	73.5	36985.2	308.8	5.1
28380	35.9	73.5	36978.8	309.0	5.1
28440	35.8	73.5	36972.3	309.1	5.1
28500	35.7	73.6	36965.8	309.3	5.0
28560	35.6	73.6	36959.3	309.5	5.0
28620	35.5	73.6	36952.8	309.6	5.0
28680	35.4	73.7	36946.3	309.8	5.0
28740	35.3	73.7	36939.7	310.0	5.0
28800	35.2	73.7	36933.2	310.1	5.0
28860	35.1	73.7	36926.6	310.3	4.9
28920	34.9	73.8	36920.1	310.5	4.9
28980	34.8	73.8	36913.5	310.6	4.9
29040	34.7	73.8	36906.9	310.8	4.9
29100	34.6	73.8	36900.3	311.0	4.9
29160	34.5	73.9	36893.7	311.1	4.9
29220	34.4	73.9	36887.1	311.3	4.9
29280	34.3	73.9	36880.5	311.5	4.8

29340	34.2	73.9	36873.9	311.7	4.8
29400	34.1	73.9	36867.3	311.9	4.8
29460	34.0	74.0	36860.7	312.0	4.8
29520	33.9	74.0	36854.1	312.2	4.8
29580	33.7	74.0	36847.4	312.4	4.8
29640	33.6	74.0	36840.8	312.6	4.7
29700	33.5	74.0	36834.2	312.8	4.7
29760	33.4	74.1	36827.6	312.9	4.7
29820	33.3	74.1	36820.9	313.1	4.7
29880	33.2	74.1	36814.3	313.3	4.7
29940	33.1	74.1	36807.7	313.5	4.7
30000	33.0	74.1	36801.1	313.7	4.7
30060	32.8	74.1	36794.4	313.9	4.6
30120	32.7	74.1	36787.8	314.1	4.6
30180	32.6	74.1	36781.2	314.3	4.6
30240	32.5	74.2	36774.6	314.5	4.6
30300	32.4	74.2	36768.0	314.7	4.6
30360	32.2	74.2	36761.4	314.9	4.6
30420	32.1	74.2	36754.8	315.1	4.5
30480	32.0	74.2	36748.2	315.3	4.5
30540	31.9	74.2	36741.6	315.5	4.5
30600	31.8	74.2	36735.0	315.7	4.5
30660	31.6	74.2	36728.5	315.9	4.5
30720	31.5	74.2	36721.9	316.1	4.4
30780	31.4	74.2	36715.3	316.3	4.4
30840	31.3	74.2	36708.8	316.5	4.4
30900	31.2	74.2	36702.3	316.7	4.4
30960	31.0	74.2	36695.7	316.9	4.4
31020	30.9	74.2	36689.2	317.1	4.4
31080	30.8	74.2	36682.7	317.4	4.3
31140	30.7	74.2	36676.3	317.6	4.3
31200	30.5	74.2	36669.8	317.8	4.3
31260	30.4	74.2	36663.3	318.0	4.3
31320	30.3	74.2	36656.9	318.2	4.3
31380	30.1	74.2	36650.5	318.5	4.3
31440	30.0	74.2	36644.1	318.7	4.2
31500	29.9	74.2	36637.7	318.9	4.2
31560	29.8	74.2	36631.3	319.2	4.2
31620	29.6	74.2	36624.9	319.4	4.2
31680	29.5	74.2	36618.6	319.6	4.2
31740	29.4	74.2	36612.3	319.9	4.1
31800	29.2	74.2	36606.0	320.1	4.1
31860	29.1	74.2	36599.7	320.3	4.1
31920	29.0	74.2	36593.4	320.6	4.1
31980	28.8	74.2	36587.2	320.8	4.1
32040	28.7	74.2	36581.0	321.1	4.1
32100	28.6	74.2	36574.8	321.3	4.0
32160	28.4	74.1	36568.6	321.6	4.0

32220	28.3	74.1	36562.5	321.8	4.0
32280	28.2	74.1	36556.3	322.1	4.0
32340	28.0	74.1	36550.2	322.4	4.0
32400	27.9	74.1	36544.2	322.6	3.9
32460	27.8	74.1	36538.1	322.9	3.9
32520	27.6	74.1	36532.1	323.1	3.9
32580	27.5	74.0	36526.1	323.4	3.9
32640	27.4	74.0	36520.1	323.7	3.9
32700	27.2	74.0	36514.2	324.0	3.9
32760	27.1	74.0	36508.3	324.2	3.8
32820	27.0	74.0	36502.4	324.5	3.8
32880	26.8	74.0	36496.5	324.8	3.8
32940	26.7	73.9	36490.7	325.1	3.8
33000	26.5	73.9	36484.9	325.4	3.8
33060	26.4	73.9	36479.2	325.7	3.7
33120	26.3	73.9	36473.4	326.0	3.7
33180	26.1	73.9	36467.7	326.3	3.7
33240	26.0	73.9	36462.1	326.6	3.7
33300	25.8	73.8	36456.5	326.9	3.7
33360	25.7	73.8	36450.9	327.2	3.7
33420	25.6	73.8	36445.3	327.5	3.6
33480	25.4	73.8	36439.8	327.8	3.6
33540	25.3	73.7	36434.3	328.1	3.6
33600	25.1	73.7	36428.8	328.5	3.6
33660	25.0	73.7	36423.4	328.8	3.6
33720	24.8	73.7	36418.1	329.1	3.5
33780	24.7	73.6	36412.7	329.4	3.5
33840	24.6	73.6	36407.4	329.8	3.5
33900	24.4	73.6	36402.2	330.1	3.5
33960	24.3	73.6	36396.9	330.5	3.5
34020	24.1	73.5	36391.8	330.8	3.5
34080	24.0	73.5	36386.6	331.2	3.4
34140	23.8	73.5	36381.5	331.5	3.4
34200	23.7	73.4	36376.5	331.9	3.4
34260	23.5	73.4	36371.4	332.2	3.4
34320	23.4	73.4	36366.5	332.6	3.4
34380	23.3	73.4	36361.5	333.0	3.3
34440	23.1	73.3	36356.7	333.3	3.3
34500	23.0	73.3	36351.8	333.7	3.3
34560	22.8	73.3	36347.0	334.1	3.3
34620	22.7	73.2	36342.3	334.5	3.3
34680	22.5	73.2	36337.6	334.9	3.3
34740	22.4	73.2	36332.9	335.3	3.2
34800	22.2	73.1	36328.3	335.7	3.2
34860	22.1	73.1	36323.7	336.1	3.2
34920	21.9	73.1	36319.2	336.5	3.2
34980	21.8	73.0	36314.7	336.9	3.2
35040	21.6	73.0	36310.3	337.3	3.1

35100	21.5	72.9	36305.9	337.8	3.1
35160	21.3	72.9	36301.6	338.2	3.1
35220	21.2	72.9	36297.4	338.6	3.1
35280	21.0	72.8	36293.1	339.1	3.1
35340	20.9	72.8	36289.0	339.5	3.1
35400	20.7	72.8	36284.8	340.0	3.0
35460	20.6	72.7	36280.8	340.4	3.0
35520	20.4	72.7	36276.8	340.9	3.0
35580	20.3	72.6	36272.8	341.3	3.0
35640	20.1	72.6	36268.9	341.8	3.0
35700	20.0	72.6	36265.0	342.3	3.0
35760	19.8	72.5	36261.2	342.8	2.9
35820	19.6	72.5	36257.5	343.3	2.9
35880	19.5	72.4	36253.8	343.8	2.9
35940	19.3	72.4	36250.1	344.3	2.9
36000	19.2	72.3	36246.6	344.8	2.9
36060	19.0	72.3	36243.0	345.3	2.9
36120	18.9	72.3	36239.6	345.8	2.9
36180	18.7	72.2	36236.1	346.3	2.8
36240	18.6	72.2	36232.8	346.8	2.8
36300	18.4	72.1	36229.5	347.4	2.8
36360	18.3	72.1	36226.2	347.9	2.8
36420	18.1	72.0	36223.1	348.5	2.8
36480	18.0	72.0	36219.9	349.0	2.8
36540	17.8	71.9	36216.9	349.6	2.8
36600	17.6	71.9	36213.9	350.1	2.7
36660	17.5	71.9	36210.9	350.7	2.7
36720	17.3	71.8	36208.0	351.3	2.7
36780	17.2	71.8	36205.2	351.9	2.7
36840	17.0	71.7	36202.4	352.4	2.7
36900	16.9	71.7	36199.7	353.0	2.7
36960	16.7	71.6	36197.1	353.6	2.7
37020	16.5	71.6	36194.5	354.2	2.7
37080	16.4	71.5	36192.0	354.9	2.6
37140	16.2	71.5	36189.5	355.5	2.6
37200	16.1	71.4	36187.1	356.1	2.6
37260	15.9	71.4	36184.8	356.7	2.6
37320	15.8	71.3	36182.5	357.3	2.6
37380	15.6	71.3	36180.3	358.0	2.6
37440	15.4	71.2	36178.2	358.6	2.6
37500	15.3	71.2	36176.1	359.3	2.6
37560	15.1	71.1	36174.1	359.9	2.6
37620	15.0	71.1	36172.2	0.6	2.6
37680	14.8	71.0	36170.3	1.2	2.5
37740	14.6	71.0	36168.5	1.9	2.5
37800	14.5	70.9	36166.7	2.6	2.5
37860	14.3	70.8	36165.0	3.3	2.5
37920	14.2	70.8	36163.4	3.9	2.5

37980	14.0	70.7	36161.9	4.6	2.5
38040	13.8	70.7	36160.4	5.3	2.5
38100	13.7	70.6	36158.9	6.0	2.5
38160	13.5	70.6	36157.6	6.7	2.5
38220	13.4	70.5	36156.3	7.4	2.5
38280	13.2	70.5	36155.1	8.1	2.5
38340	13.0	70.4	36153.9	8.8	2.5
38400	12.9	70.4	36152.9	9.5	2.5
38460	12.7	70.3	36151.8	10.3	2.5
38520	12.5	70.2	36150.9	11.0	2.5
38580	12.4	70.2	36150.0	11.7	2.5
38640	12.2	70.1	36149.2	12.4	2.4
38700	12.1	70.1	36148.5	13.1	2.4
38760	11.9	70.0	36147.8	13.9	2.4
38820	11.7	70.0	36147.2	14.6	2.4
38880	11.6	69.9	36146.7	15.3	2.4
38940	11.4	69.8	36146.2	16.0	2.4
39000	11.3	69.8	36145.8	16.8	2.4
39060	11.1	69.7	36145.5	17.5	2.4
39120	10.9	69.7	36145.2	18.2	2.4
39180	10.8	69.6	36145.1	19.0	2.4
39240	10.6	69.6	36144.9	19.7	2.4
39300	10.4	69.5	36144.9	20.4	2.4
39360	10.3	69.4	36144.9	21.2	2.4
39420	10.1	69.4	36145.0	21.9	2.4
39480	9.9	69.3	36145.2	22.6	2.4
39540	9.8	69.3	36145.4	23.4	2.4
39600	9.6	69.2	36145.7	24.1	2.4
39660	9.5	69.1	36146.1	24.8	2.4
39720	9.3	69.1	36146.6	25.5	2.5
39780	9.1	69.0	36147.1	26.3	2.5
39840	9.0	69.0	36147.7	27.0	2.5
39900	8.8	68.9	36148.4	27.7	2.5
39960	8.6	68.8	36149.1	28.4	2.5
40020	8.5	68.8	36149.9	29.1	2.5
40080	8.3	68.7	36150.8	29.8	2.5
40140	8.1	68.6	36151.8	30.5	2.5
40200	8.0	68.6	36152.8	31.2	2.5
40260	7.8	68.5	36153.9	31.9	2.5
40320	7.6	68.5	36155.0	32.6	2.5
40380	7.5	68.4	36156.3	33.3	2.5
40440	7.3	68.3	36157.6	34.0	2.5
40500	7.2	68.3	36159.0	34.6	2.5
40560	7.0	68.2	36160.4	35.3	2.5
40620	6.8	68.1	36161.9	36.0	2.5
40680	6.7	68.1	36163.5	36.6	2.6
40740	6.5	68.0	36165.2	37.3	2.6
40800	6.3	68.0	36167.0	38.0	2.6

40860	6.2	67.9	36168.8	38.6	2.6
40920	6.0	67.8	36170.6	39.2	2.6
40980	5.8	67.8	36172.6	39.9	2.6
41040	5.7	67.7	36174.6	40.5	2.6
41100	5.5	67.6	36176.7	41.1	2.6
41160	5.3	67.6	36178.9	41.7	2.6
41220	5.2	67.5	36181.1	42.4	2.7
41280	5.0	67.4	36183.4	43.0	2.7
41340	4.8	67.4	36185.8	43.6	2.7
41400	4.7	67.3	36188.3	44.2	2.7
41460	4.5	67.3	36190.8	44.7	2.7
41520	4.3	67.2	36193.4	45.3	2.7
41580	4.2	67.1	36196.1	45.9	2.7
41640	4.0	67.1	36198.8	46.5	2.7
41700	3.8	67.0	36201.6	47.0	2.8
41760	3.7	66.9	36204.5	47.6	2.8
41820	3.5	66.9	36207.4	48.1	2.8
41880	3.3	66.8	36210.4	48.7	2.8
41940	3.2	66.7	36213.5	49.2	2.8
42000	3.0	66.7	36216.7	49.7	2.8
42060	2.8	66.6	36219.9	50.2	2.8
42120	2.7	66.5	36223.2	50.8	2.9
42180	2.5	66.5	36226.6	51.3	2.9
42240	2.3	66.4	36230.0	51.8	2.9
42300	2.2	66.3	36233.5	52.3	2.9
42360	2.0	66.3	36237.1	52.7	2.9
42420	1.8	66.2	36240.7	53.2	2.9
42480	1.7	66.2	36244.4	53.7	3.0
42540	1.5	66.1	36248.2	54.2	3.0
42600	1.3	66.0	36252.1	54.6	3.0
42660	1.2	66.0	36256.0	55.1	3.0
42720	1.0	65.9	36260.0	55.5	3.0
42780	0.8	65.8	36264.0	56.0	3.1
42840	0.7	65.8	36268.1	56.4	3.1
42900	0.5	65.7	36272.3	56.8	3.1
42960	0.3	65.6	36276.6	57.3	3.1
43020	0.2	65.6	36280.9	57.7	3.1
43080	0.0	65.5	36285.3	58.1	3.1
43140	-0.2	65.4	36289.7	58.5	3.2
43200	-0.3	65.4	36294.2	58.9	3.2
43260	-0.5	65.3	36298.8	59.3	3.2
43320	-0.7	65.2	36303.5	59.7	3.2
43380	-0.8	65.2	36308.2	60.1	3.2
43440	-1.0	65.1	36313.0	60.5	3.3
43500	-1.2	65.0	36317.8	60.8	3.3
43560	-1.3	65.0	36322.7	61.2	3.3
43620	-1.5	64.9	36327.7	61.6	3.3
43680	-1.7	64.8	36332.7	61.9	3.3

43740	-1.8	64.8	36337.8	62.3	3.4
43800	-2.0	64.7	36343.0	62.6	3.4
43860	-2.2	64.6	36348.2	62.9	3.4
43920	-2.3	64.6	36353.5	63.3	3.4
43980	-2.5	64.5	36358.8	63.6	3.4
44040	-2.7	64.5	36364.2	63.9	3.5
44100	-2.8	64.4	36369.7	64.2	3.5
44160	-3.0	64.3	36375.2	64.6	3.5
44220	-3.2	64.3	36380.8	64.9	3.5
44280	-3.3	64.2	36386.5	65.2	3.5
44340	-3.5	64.1	36392.2	65.5	3.6
44400	-3.7	64.1	36398.0	65.8	3.6
44460	-3.8	64.0	36403.8	66.1	3.6
44520	-4.0	63.9	36409.7	66.3	3.6
44580	-4.2	63.9	36415.6	66.6	3.6
44640	-4.3	63.8	36421.6	66.9	3.7
44700	-4.5	63.7	36427.7	67.2	3.7
44760	-4.7	63.7	36433.8	67.4	3.7
44820	-4.8	63.6	36440.0	67.7	3.7
44880	-5.0	63.5	36446.2	68.0	3.7
44940	-5.2	63.5	36452.5	68.2	3.8
45000	-5.3	63.4	36458.9	68.5	3.8
45060	-5.5	63.4	36465.3	68.7	3.8
45120	-5.7	63.3	36471.8	69.0	3.8
45180	-5.8	63.2	36478.3	69.2	3.9
45240	-6.0	63.2	36484.8	69.4	3.9
45300	-6.1	63.1	36491.5	69.7	3.9
45360	-6.3	63.0	36498.1	69.9	3.9
45420	-6.5	63.0	36504.9	70.1	3.9
45480	-6.6	62.9	36511.6	70.3	4.0
45540	-6.8	62.8	36518.5	70.6	4.0
45600	-7.0	62.8	36525.4	70.8	4.0
45660	-7.1	62.7	36532.3	71.0	4.0
45720	-7.3	62.7	36539.3	71.2	4.0
45780	-7.5	62.6	36546.3	71.4	4.1
45840	-7.6	62.5	36553.4	71.6	4.1
45900	-7.8	62.5	36560.5	71.8	4.1
45960	-8.0	62.4	36567.7	72.0	4.1
46020	-8.1	62.3	36574.9	72.2	4.2
46080	-8.3	62.3	36582.2	72.3	4.2
46140	-8.5	62.2	36589.5	72.5	4.2
46200	-8.6	62.2	36596.9	72.7	4.2
46260	-8.8	62.1	36604.3	72.9	4.2
46320	-9.0	62.0	36611.8	73.1	4.3
46380	-9.1	62.0	36619.3	73.2	4.3
46440	-9.3	61.9	36626.9	73.4	4.3
46500	-9.4	61.9	36634.5	73.6	4.3
46560	-9.6	61.8	36642.1	73.7	4.3

46620	-9.8	61.7	36649.8	73.9	4.4
46680	-9.9	61.7	36657.5	74.0	4.4
46740	-10.1	61.6	36665.3	74.2	4.4
46800	-10.3	61.6	36673.1	74.3	4.4
46860	-10.4	61.5	36681.0	74.5	4.5
46920	-10.6	61.4	36688.9	74.6	4.5
46980	-10.8	61.4	36696.8	74.8	4.5
47040	-10.9	61.3	36704.8	74.9	4.5
47100	-11.1	61.3	36712.8	75.0	4.5
47160	-11.2	61.2	36720.9	75.2	4.6
47220	-11.4	61.2	36729.0	75.3	4.6
47280	-11.6	61.1	36737.1	75.4	4.6
47340	-11.7	61.0	36745.3	75.6	4.6
47400	-11.9	61.0	36753.5	75.7	4.6
47460	-12.1	60.9	36761.7	75.8	4.7
47520	-12.2	60.9	36770.0	75.9	4.7
47580	-12.4	60.8	36778.3	76.0	4.7
47640	-12.5	60.8	36786.6	76.1	4.7
47700	-12.7	60.7	36795.0	76.3	4.7
47760	-12.9	60.6	36803.4	76.4	4.8
47820	-13.0	60.6	36811.9	76.5	4.8
47880	-13.2	60.5	36820.3	76.6	4.8
47940	-13.3	60.5	36828.8	76.7	4.8
48000	-13.5	60.4	36837.4	76.8	4.8
48060	-13.7	60.4	36845.9	76.9	4.9
48120	-13.8	60.3	36854.5	77.0	4.9
48180	-14.0	60.3	36863.2	77.1	4.9
48240	-14.1	60.2	36871.8	77.2	4.9
48300	-14.3	60.1	36880.5	77.3	4.9
48360	-14.5	60.1	36889.2	77.3	5.0
48420	-14.6	60.0	36897.9	77.4	5.0
48480	-14.8	60.0	36906.7	77.5	5.0
48540	-14.9	59.9	36915.5	77.6	5.0
48600	-15.1	59.9	36924.3	77.7	5.0
48660	-15.3	59.8	36933.1	77.8	5.1
48720	-15.4	59.8	36942.0	77.8	5.1
48780	-15.6	59.7	36950.9	77.9	5.1
48840	-15.7	59.7	36959.8	78.0	5.1
48900	-15.9	59.6	36968.7	78.0	5.1
48960	-16.1	59.6	36977.6	78.1	5.2
49020	-16.2	59.5	36986.6	78.2	5.2
49080	-16.4	59.5	36995.6	78.2	5.2
49140	-16.5	59.4	37004.6	78.3	5.2
49200	-16.7	59.4	37013.6	78.4	5.2
49260	-16.8	59.3	37022.7	78.4	5.3
49320	-17.0	59.3	37031.7	78.5	5.3
49380	-17.2	59.2	37040.8	78.6	5.3
49440	-17.3	59.2	37049.9	78.6	5.3

49500	-17.5	59.1	37059.0	78.7	5.3
49560	-17.6	59.1	37068.2	78.7	5.4
49620	-17.8	59.0	37077.3	78.8	5.4
49680	-17.9	59.0	37086.4	78.8	5.4
49740	-18.1	59.0	37095.6	78.9	5.4
49800	-18.3	58.9	37104.8	78.9	5.4
49860	-18.4	58.9	37114.0	79.0	5.5
49920	-18.6	58.8	37123.2	79.0	5.5
49980	-18.7	58.8	37132.4	79.0	5.5
50040	-18.9	58.7	37141.6	79.1	5.5
50100	-19.0	58.7	37150.9	79.1	5.5
50160	-19.2	58.6	37160.1	79.2	5.5
50220	-19.3	58.6	37169.3	79.2	5.6
50280	-19.5	58.6	37178.6	79.2	5.6
50340	-19.6	58.5	37187.9	79.3	5.6
50400	-19.8	58.5	37197.1	79.3	5.6
50460	-19.9	58.4	37206.4	79.3	5.6
50520	-20.1	58.4	37215.7	79.3	5.6
50580	-20.3	58.4	37225.0	79.4	5.7
50640	-20.4	58.3	37234.3	79.4	5.7
50700	-20.6	58.3	37243.6	79.4	5.7
50760	-20.7	58.2	37252.8	79.4	5.7
50820	-20.9	58.2	37262.1	79.5	5.7
50880	-21.0	58.2	37271.4	79.5	5.7
50940	-21.2	58.1	37280.7	79.5	5.8
51000	-21.3	58.1	37290.0	79.5	5.8
51060	-21.5	58.0	37299.3	79.5	5.8
51120	-21.6	58.0	37308.6	79.6	5.8
51180	-21.8	58.0	37317.9	79.6	5.8
51240	-21.9	57.9	37327.2	79.6	5.9
51300	-22.1	57.9	37336.5	79.6	5.9
51360	-22.2	57.9	37345.8	79.6	5.9
51420	-22.4	57.8	37355.0	79.6	5.9
51480	-22.5	57.8	37364.3	79.6	5.9
51540	-22.7	57.8	37373.6	79.6	5.9
51600	-22.8	57.7	37382.8	79.6	5.9
51660	-22.9	57.7	37392.1	79.6	6.0
51720	-23.1	57.7	37401.3	79.6	6.0
51780	-23.2	57.6	37410.6	79.6	6.0
51840	-23.4	57.6	37419.8	79.6	6.0
51900	-23.5	57.6	37429.0	79.7	6.0
51960	-23.7	57.5	37438.2	79.6	6.0
52020	-23.8	57.5	37447.4	79.6	6.1
52080	-24.0	57.5	37456.6	79.6	6.1
52140	-24.1	57.5	37465.8	79.6	6.1
52200	-24.3	57.4	37474.9	79.6	6.1
52260	-24.4	57.4	37484.1	79.6	6.1
52320	-24.5	57.4	37493.2	79.6	6.1



52380	-24.7	57.4	37502.3	79.6	6.1
52440	-24.8	57.3	37511.4	79.6	6.2
52500	-25.0	57.3	37520.5	79.6	6.2
52560	-25.1	57.3	37529.6	79.6	6.2
52620	-25.3	57.3	37538.7	79.6	6.2
52680	-25.4	57.2	37547.7	79.6	6.2
52740	-25.5	57.2	37556.7	79.5	6.2
52800	-25.7	57.2	37565.7	79.5	6.2
52860	-25.8	57.2	37574.7	79.5	6.3
52920	-26.0	57.1	37583.6	79.5	6.3
52980	-26.1	57.1	37592.6	79.5	6.3
53040	-26.3	57.1	37601.5	79.5	6.3
53100	-26.4	57.1	37610.4	79.4	6.3
53160	-26.5	57.1	37619.3	79.4	6.3
53220	-26.7	57.0	37628.1	79.4	6.3
53280	-26.8	57.0	37636.9	79.4	6.4
53340	-26.9	57.0	37645.7	79.3	6.4
53400	-27.1	57.0	37654.5	79.3	6.4
53460	-27.2	57.0	37663.2	79.3	6.4
53520	-27.4	57.0	37672.0	79.3	6.4
53580	-27.5	56.9	37680.7	79.2	6.4
53640	-27.6	56.9	37689.3	79.2	6.4
53700	-27.8	56.9	37698.0	79.2	6.5
53760	-27.9	56.9	37706.6	79.2	6.5
53820	-28.0	56.9	37715.2	79.1	6.5
53880	-28.2	56.9	37723.7	79.1	6.5
53940	-28.3	56.9	37732.2	79.1	6.5
54000	-28.4	56.9	37740.7	79.0	6.5
54060	-28.6	56.8	37749.2	79.0	6.5
54120	-28.7	56.8	37757.6	79.0	6.5
54180	-28.8	56.8	37766.0	78.9	6.6
54240	-29.0	56.8	37774.4	78.9	6.6
54300	-29.1	56.8	37782.7	78.8	6.6
54360	-29.2	56.8	37791.0	78.8	6.6
54420	-29.4	56.8	37799.3	78.8	6.6
54480	-29.5	56.8	37807.5	78.7	6.6
54540	-29.6	56.8	37815.7	78.7	6.6
54600	-29.8	56.8	37823.8	78.6	6.6
54660	-29.9	56.8	37831.9	78.6	6.6
54720	-30.0	56.8	37840.0	78.6	6.7
54780	-30.1	56.8	37848.0	78.5	6.7
54840	-30.3	56.8	37856.0	78.5	6.7
54900	-30.4	56.8	37864.0	78.4	6.7
54960	-30.5	56.8	37871.9	78.4	6.7
55020	-30.6	56.8	37879.8	78.3	6.7
55080	-30.8	56.8	37887.6	78.3	6.7
55140	-30.9	56.8	37895.4	78.2	6.7
55200	-31.0	56.8	37903.2	78.2	6.7

55260	-31.1	56.8	37910.9	78.1	6.8
55320	-31.3	56.8	37918.6	78.1	6.8
55380	-31.4	56.8	37926.2	78.0	6.8
55440	-31.5	56.8	37933.8	78.0	6.8
55500	-31.6	56.8	37941.3	77.9	6.8
55560	-31.8	56.8	37948.8	77.9	6.8
55620	-31.9	56.8	37956.3	77.8	6.8
55680	-32.0	56.8	37963.7	77.8	6.8
55740	-32.1	56.8	37971.0	77.7	6.8
55800	-32.2	56.8	37978.3	77.6	6.8
55860	-32.4	56.8	37985.6	77.6	6.9
55920	-32.5	56.8	37992.8	77.5	6.9
55980	-32.6	56.8	38000.0	77.5	6.9
56040	-32.7	56.9	38007.1	77.4	6.9
56100	-32.8	56.9	38014.1	77.4	6.9
56160	-32.9	56.9	38021.2	77.3	6.9
56220	-33.1	56.9	38028.1	77.2	6.9
56280	-33.2	56.9	38035.0	77.2	6.9
56340	-33.3	56.9	38041.9	77.1	6.9
56400	-33.4	56.9	38048.7	77.0	6.9
56460	-33.5	57.0	38055.5	77.0	6.9
56520	-33.6	57.0	38062.2	76.9	7.0
56580	-33.7	57.0	38068.8	76.9	7.0
56640	-33.9	57.0	38075.4	76.8	7.0
56700	-34.0	57.0	38082.0	76.7	7.0
56760	-34.1	57.0	38088.5	76.7	7.0
56820	-34.2	57.1	38094.9	76.6	7.0
56880	-34.3	57.1	38101.3	76.5	7.0
56940	-34.4	57.1	38107.6	76.5	7.0
57000	-34.5	57.1	38113.9	76.4	7.0
57060	-34.6	57.2	38120.1	76.3	7.0
57120	-34.7	57.2	38126.2	76.2	7.0
57180	-34.8	57.2	38132.3	76.2	7.0
57240	-34.9	57.2	38138.4	76.1	7.1
57300	-35.0	57.3	38144.3	76.0	7.1
57360	-35.1	57.3	38150.3	76.0	7.1
57420	-35.3	57.3	38156.1	75.9	7.1
57480	-35.4	57.3	38161.9	75.8	7.1
57540	-35.5	57.4	38167.7	75.7	7.1
57600	-35.6	57.4	38173.4	75.7	7.1
57660	-35.7	57.4	38179.0	75.6	7.1
57720	-35.8	57.5	38184.5	75.5	7.1
57780	-35.9	57.5	38190.0	75.4	7.1
57840	-36.0	57.5	38195.5	75.4	7.1
57900	-36.1	57.6	38200.9	75.3	7.1
57960	-36.2	57.6	38206.2	75.2	7.1
58020	-36.3	57.6	38211.4	75.1	7.1
58080	-36.4	57.7	38216.6	75.1	7.2

58140	-36.4	57.7	38221.7	75.0	7.2
58200	-36.5	57.7	38226.8	74.9	7.2
58260	-36.6	57.8	38231.8	74.8	7.2
58320	-36.7	57.8	38236.7	74.7	7.2
58380	-36.8	57.8	38241.6	74.7	7.2
58440	-36.9	57.9	38246.4	74.6	7.2
58500	-37.0	57.9	38251.1	74.5	7.2
58560	-37.1	58.0	38255.8	74.4	7.2
58620	-37.2	58.0	38260.4	74.3	7.2
58680	-37.3	58.0	38264.9	74.2	7.2
58740	-37.4	58.1	38269.4	74.2	7.2
58800	-37.5	58.1	38273.8	74.1	7.2
58860	-37.5	58.2	38278.1	74.0	7.2
58920	-37.6	58.2	38282.4	73.9	7.2
58980	-37.7	58.3	38286.6	73.8	7.2
59040	-37.8	58.3	38290.7	73.7	7.3
59100	-37.9	58.4	38294.8	73.6	7.3
59160	-38.0	58.4	38298.8	73.6	7.3
59220	-38.1	58.5	38302.7	73.5	7.3
59280	-38.1	58.5	38306.6	73.4	7.3
59340	-38.2	58.6	38310.4	73.3	7.3
59400	-38.3	58.6	38314.1	73.2	7.3
59460	-38.4	58.7	38317.7	73.1	7.3
59520	-38.5	58.7	38321.3	73.0	7.3
59580	-38.5	58.8	38324.8	72.9	7.3
59640	-38.6	58.8	38328.2	72.8	7.3
59700	-38.7	58.9	38331.6	72.7	7.3
59760	-38.8	58.9	38334.9	72.7	7.3
59820	-38.8	59.0	38338.1	72.6	7.3
59880	-38.9	59.0	38341.3	72.5	7.3
59940	-39.0	59.1	38344.3	72.4	7.3
60000	-39.1	59.2	38347.3	72.3	7.3
60060	-39.1	59.2	38350.3	72.2	7.3
60120	-39.2	59.3	38353.1	72.1	7.3
60180	-39.3	59.3	38355.9	72.0	7.3
60240	-39.3	59.4	38358.6	71.9	7.3
60300	-39.4	59.5	38361.3	71.8	7.3
60360	-39.5	59.5	38363.8	71.7	7.4
60420	-39.6	59.6	38366.3	71.6	7.4
60480	-39.6	59.6	38368.7	71.5	7.4
60540	-39.7	59.7	38371.1	71.4	7.4
60600	-39.7	59.8	38373.4	71.3	7.4
60660	-39.8	59.8	38375.6	71.2	7.4
60720	-39.9	59.9	38377.7	71.1	7.4
60780	-39.9	60.0	38379.7	71.0	7.4
60840	-40.0	60.0	38381.7	70.9	7.4
60900	-40.1	60.1	38383.6	70.8	7.4
60960	-40.1	60.2	38385.4	70.7	7.4

61020	-40.2	60.2	38387.2	70.6	7.4
61080	-40.2	60.3	38388.8	70.5	7.4
61140	-40.3	60.4	38390.4	70.4	7.4
61200	-40.3	60.4	38391.9	70.3	7.4
61260	-40.4	60.5	38393.4	70.2	7.4
61320	-40.5	60.6	38394.8	70.1	7.4
61380	-40.5	60.6	38396.1	70.0	7.4
61440	-40.6	60.7	38397.3	69.9	7.4
61500	-40.6	60.8	38398.4	69.8	7.4
61560	-40.7	60.9	38399.5	69.7	7.4
61620	-40.7	60.9	38400.5	69.6	7.4
61680	-40.8	61.0	38401.4	69.5	7.4
61740	-40.8	61.1	38402.2	69.4	7.4
61800	-40.9	61.2	38403.0	69.3	7.4
61860	-40.9	61.2	38403.7	69.2	7.4
61920	-40.9	61.3	38404.3	69.1	7.4
61980	-41.0	61.4	38404.8	69.0	7.4
62040	-41.0	61.5	38405.3	68.9	7.4
62100	-41.1	61.5	38405.6	68.8	7.4
62160	-41.1	61.6	38405.9	68.7	7.4
62220	-41.2	61.7	38406.2	68.6	7.4
62280	-41.2	61.8	38406.3	68.5	7.4
62340	-41.2	61.8	38406.4	68.4	7.4
62400	-41.3	61.9	38406.4	68.3	7.4
62460	-41.3	62.0	38406.3	68.2	7.4
62520	-41.4	62.1	38406.1	68.1	7.4
62580	-41.4	62.2	38405.9	67.9	7.4
62640	-41.4	62.2	38405.6	67.8	7.4
62700	-41.5	62.3	38405.2	67.7	7.4
62760	-41.5	62.4	38404.7	67.6	7.4
62820	-41.5	62.5	38404.2	67.5	7.4
62880	-41.5	62.6	38403.6	67.4	7.4
62940	-41.6	62.6	38402.9	67.3	7.4
63000	-41.6	62.7	38402.1	67.2	7.4
63060	-41.6	62.8	38401.3	67.1	7.4
63120	-41.7	62.9	38400.3	67.0	7.4
63180	-41.7	63.0	38399.3	66.9	7.4
63240	-41.7	63.1	38398.3	66.7	7.4
63300	-41.7	63.1	38397.1	66.6	7.4
63360	-41.8	63.2	38395.9	66.5	7.4
63420	-41.8	63.3	38394.6	66.4	7.4
63480	-41.8	63.4	38393.2	66.3	7.4
63540	-41.8	63.5	38391.7	66.2	7.4
63600	-41.8	63.6	38390.2	66.1	7.4
63660	-41.9	63.7	38388.6	66.0	7.4
63720	-41.9	63.7	38386.9	65.9	7.4
63780	-41.9	63.8	38385.1	65.7	7.4
63840	-41.9	63.9	38383.3	65.6	7.4

63900	-41.9	64.0	38381.4	65.5	7.4
63960	-41.9	64.1	38379.4	65.4	7.4
64020	-41.9	64.2	38377.3	65.3	7.4
64080	-41.9	64.2	38375.1	65.2	7.4
64140	-42.0	64.3	38372.9	65.1	7.4
64200	-42.0	64.4	38370.6	64.9	7.4
64260	-42.0	64.5	38368.3	64.8	7.4
64320	-42.0	64.6	38365.8	64.7	7.4
64380	-42.0	64.7	38363.3	64.6	7.4
64440	-42.0	64.8	38360.7	64.5	7.4
64500	-42.0	64.9	38358.1	64.4	7.4
64560	-42.0	64.9	38355.3	64.3	7.4
64620	-42.0	65.0	38352.5	64.1	7.4
64680	-42.0	65.1	38349.6	64.0	7.4
64740	-42.0	65.2	38346.7	63.9	7.4
64800	-42.0	65.3	38343.6	63.8	7.4
64860	-42.0	65.4	38340.5	63.7	7.4
64920	-42.0	65.5	38337.3	63.6	7.4
64980	-42.0	65.5	38334.1	63.4	7.4
65040	-42.0	65.6	38330.7	63.3	7.4
65100	-42.0	65.7	38327.3	63.2	7.4
65160	-42.0	65.8	38323.9	63.1	7.4
65220	-42.0	65.9	38320.3	63.0	7.4
65280	-42.0	66.0	38316.7	62.9	7.4
65340	-41.9	66.1	38313.0	62.7	7.4
65400	-41.9	66.2	38309.3	62.6	7.4
65460	-41.9	66.2	38305.4	62.5	7.4
65520	-41.9	66.3	38301.5	62.4	7.4
65580	-41.9	66.4	38297.6	62.3	7.4
65640	-41.9	66.5	38293.5	62.1	7.4
65700	-41.9	66.6	38289.4	62.0	7.4
65760	-41.8	66.7	38285.2	61.9	7.4
65820	-41.8	66.7	38281.0	61.8	7.4
65880	-41.8	66.8	38276.7	61.7	7.4
65940	-41.8	66.9	38272.3	61.5	7.4
66000	-41.8	67.0	38267.8	61.4	7.4
66060	-41.7	67.1	38263.3	61.3	7.4
66120	-41.7	67.2	38258.7	61.2	7.4
66180	-41.7	67.3	38254.0	61.1	7.4
66240	-41.7	67.3	38249.3	60.9	7.4
66300	-41.7	67.4	38244.5	60.8	7.4
66360	-41.6	67.5	38239.6	60.7	7.4
66420	-41.6	67.6	38234.7	60.6	7.4
66480	-41.6	67.7	38229.7	60.5	7.4
66540	-41.5	67.8	38224.6	60.3	7.3
66600	-41.5	67.8	38219.5	60.2	7.3
66660	-41.5	67.9	38214.3	60.1	7.3
66720	-41.4	68.0	38209.0	60.0	7.3

66780	-41.4	68.1	38203.7	59.9	7.3
66840	-41.4	68.2	38198.3	59.7	7.3
66900	-41.3	68.2	38192.8	59.6	7.3
66960	-41.3	68.3	38187.3	59.5	7.3
67020	-41.3	68.4	38181.7	59.4	7.3
67080	-41.2	68.5	38176.1	59.2	7.3
67140	-41.2	68.6	38170.4	59.1	7.3
67200	-41.2	68.6	38164.6	59.0	7.3
67260	-41.1	68.7	38158.8	58.9	7.3
67320	-41.1	68.8	38152.9	58.7	7.3
67380	-41.0	68.9	38146.9	58.6	7.3
67440	-41.0	68.9	38140.9	58.5	7.3
67500	-40.9	69.0	38134.8	58.4	7.3
67560	-40.9	69.1	38128.7	58.2	7.3
67620	-40.8	69.2	38122.5	58.1	7.3
67680	-40.8	69.2	38116.2	58.0	7.3
67740	-40.8	69.3	38109.9	57.9	7.2
67800	-40.7	69.4	38103.5	57.7	7.2
67860	-40.7	69.5	38097.1	57.6	7.2
67920	-40.6	69.5	38090.6	57.5	7.2
67980	-40.6	69.6	38084.0	57.4	7.2
68040	-40.5	69.7	38077.4	57.2	7.2
68100	-40.4	69.8	38070.7	57.1	7.2
68160	-40.4	69.8	38064.0	57.0	7.2
68220	-40.3	69.9	38057.2	56.9	7.2
68280	-40.3	70.0	38050.4	56.7	7.2
68340	-40.2	70.0	38043.5	56.6	7.2
68400	-40.2	70.1	38036.6	56.5	7.2
68460	-40.1	70.2	38029.6	56.3	7.2
68520	-40.0	70.2	38022.5	56.2	7.2
68580	-40.0	70.3	38015.4	56.1	7.2
68640	-39.9	70.4	38008.3	56.0	7.2
68700	-39.9	70.4	38001.0	55.8	7.1
68760	-39.8	70.5	37993.8	55.7	7.1
68820	-39.7	70.6	37986.5	55.6	7.1
68880	-39.7	70.6	37979.1	55.4	7.1
68940	-39.6	70.7	37971.7	55.3	7.1
69000	-39.5	70.8	37964.2	55.2	7.1
69060	-39.5	70.8	37956.7	55.1	7.1
69120	-39.4	70.9	37949.2	54.9	7.1
69180	-39.3	71.0	37941.6	54.8	7.1
69240	-39.3	71.0	37933.9	54.7	7.1
69300	-39.2	71.1	37926.2	54.5	7.1
69360	-39.1	71.1	37918.4	54.4	7.1
69420	-39.0	71.2	37910.6	54.3	7.1
69480	-39.0	71.3	37902.8	54.1	7.0
69540	-38.9	71.3	37894.9	54.0	7.0
69600	-38.8	71.4	37887.0	53.9	7.0

69660	-38.7	71.4	37879.0	53.8	7.0
69720	-38.7	71.5	37871.0	53.6	7.0
69780	-38.6	71.5	37862.9	53.5	7.0
69840	-38.5	71.6	37854.8	53.4	7.0
69900	-38.4	71.6	37846.6	53.2	7.0
69960	-38.4	71.7	37838.4	53.1	7.0
70020	-38.3	71.8	37830.2	53.0	7.0
70080	-38.2	71.8	37821.9	52.8	7.0
70140	-38.1	71.9	37813.6	52.7	7.0
70200	-38.0	71.9	37805.3	52.6	6.9
70260	-37.9	72.0	37796.9	52.4	6.9
70320	-37.9	72.0	37788.4	52.3	6.9
70380	-37.8	72.1	37780.0	52.2	6.9
70440	-37.7	72.1	37771.4	52.0	6.9
70500	-37.6	72.2	37762.9	51.9	6.9
70560	-37.5	72.2	37754.3	51.7	6.9
70620	-37.4	72.2	37745.7	51.6	6.9
70680	-37.3	72.3	37737.0	51.5	6.9
70740	-37.2	72.3	37728.4	51.3	6.9
70800	-37.2	72.4	37719.6	51.2	6.8
70860	-37.1	72.4	37710.9	51.1	6.8
70920	-37.0	72.5	37702.1	50.9	6.8
70980	-36.9	72.5	37693.3	50.8	6.8
71040	-36.8	72.5	37684.4	50.6	6.8
71100	-36.7	72.6	37675.5	50.5	6.8
71160	-36.6	72.6	37666.6	50.4	6.8
71220	-36.5	72.7	37657.7	50.2	6.8
71280	-36.4	72.7	37648.7	50.1	6.8
71340	-36.3	72.7	37639.7	50.0	6.7
71400	-36.2	72.8	37630.7	49.8	6.7
71460	-36.1	72.8	37621.6	49.7	6.7
71520	-36.0	72.8	37612.5	49.5	6.7
71580	-35.9	72.9	37603.4	49.4	6.7
71640	-35.8	72.9	37594.3	49.3	6.7
71700	-35.7	72.9	37585.1	49.1	6.7
71760	-35.6	73.0	37575.9	49.0	6.7
71820	-35.5	73.0	37566.7	48.8	6.7
71880	-35.4	73.0	37557.5	48.7	6.6
71940	-35.3	73.1	37548.2	48.5	6.6
72000	-35.2	73.1	37538.9	48.4	6.6
72060	-35.1	73.1	37529.6	48.3	6.6
72120	-35.0	73.2	37520.3	48.1	6.6
72180	-34.9	73.2	37511.0	48.0	6.6
72240	-34.8	73.2	37501.6	47.8	6.6
72300	-34.7	73.2	37492.2	47.7	6.6
72360	-34.6	73.3	37482.8	47.5	6.5
72420	-34.4	73.3	37473.4	47.4	6.5
72480	-34.3	73.3	37464.0	47.2	6.5

72540	-34.2	73.3	37454.5	47.1	6.5
72600	-34.1	73.4	37445.0	46.9	6.5
72660	-34.0	73.4	37435.5	46.8	6.5
72720	-33.9	73.4	37426.0	46.6	6.5
72780	-33.8	73.4	37416.5	46.5	6.5
72840	-33.7	73.4	37407.0	46.3	6.4
72900	-33.6	73.5	37397.5	46.2	6.4
72960	-33.4	73.5	37387.9	46.0	6.4
73020	-33.3	73.5	37378.3	45.9	6.4
73080	-33.2	73.5	37368.8	45.7	6.4
73140	-33.1	73.5	37359.2	45.6	6.4
73200	-33.0	73.5	37349.6	45.4	6.4
73260	-32.9	73.6	37340.0	45.3	6.3
73320	-32.7	73.6	37330.4	45.1	6.3
73380	-32.6	73.6	37320.8	45.0	6.3
73440	-32.5	73.6	37311.1	44.8	6.3
73500	-32.4	73.6	37301.5	44.7	6.3
73560	-32.3	73.6	37291.9	44.5	6.3
73620	-32.2	73.6	37282.2	44.4	6.3
73680	-32.0	73.6	37272.6	44.2	6.2
73740	-31.9	73.6	37262.9	44.0	6.2
73800	-31.8	73.7	37253.3	43.9	6.2
73860	-31.7	73.7	37243.6	43.7	6.2
73920	-31.5	73.7	37233.9	43.6	6.2
73980	-31.4	73.7	37224.3	43.4	6.2
74040	-31.3	73.7	37214.6	43.3	6.2
74100	-31.2	73.7	37204.9	43.1	6.1
74160	-31.0	73.7	37195.3	42.9	6.1
74220	-30.9	73.7	37185.6	42.8	6.1
74280	-30.8	73.7	37176.0	42.6	6.1
74340	-30.7	73.7	37166.3	42.4	6.1
74400	-30.5	73.7	37156.7	42.3	6.1
74460	-30.4	73.7	37147.0	42.1	6.0
74520	-30.3	73.7	37137.4	41.9	6.0
74580	-30.2	73.7	37127.7	41.8	6.0
74640	-30.0	73.7	37118.1	41.6	6.0
74700	-29.9	73.7	37108.5	41.4	6.0
74760	-29.8	73.7	37098.8	41.3	6.0
74820	-29.6	73.7	37089.2	41.1	6.0
74880	-29.5	73.7	37079.6	40.9	5.9
74940	-29.4	73.7	37070.0	40.8	5.9
75000	-29.2	73.7	37060.4	40.6	5.9
75060	-29.1	73.7	37050.9	40.4	5.9
75120	-29.0	73.7	37041.3	40.2	5.9
75180	-28.8	73.7	37031.8	40.1	5.9
75240	-28.7	73.7	37022.2	39.9	5.8
75300	-28.6	73.7	37012.7	39.7	5.8
75360	-28.4	73.6	37003.2	39.5	5.8

75420	-28.3	73.6	36993.7	39.4	5.8
75480	-28.2	73.6	36984.2	39.2	5.8
75540	-28.0	73.6	36974.7	39.0	5.8
75600	-27.9	73.6	36965.3	38.8	5.7
75660	-27.8	73.6	36955.8	38.6	5.7
75720	-27.6	73.6	36946.4	38.5	5.7
75780	-27.5	73.6	36937.0	38.3	5.7
75840	-27.4	73.6	36927.6	38.1	5.7
75900	-27.2	73.5	36918.3	37.9	5.6
75960	-27.1	73.5	36908.9	37.7	5.6
76020	-26.9	73.5	36899.6	37.5	5.6
76080	-26.8	73.5	36890.3	37.3	5.6
76140	-26.7	73.5	36881.0	37.2	5.6
76200	-26.5	73.5	36871.8	37.0	5.6
76260	-26.4	73.4	36862.5	36.8	5.5
76320	-26.2	73.4	36853.3	36.6	5.5
76380	-26.1	73.4	36844.2	36.4	5.5
76440	-26.0	73.4	36835.0	36.2	5.5
76500	-25.8	73.4	36825.9	36.0	5.5
76560	-25.7	73.4	36816.8	35.8	5.5
76620	-25.5	73.3	36807.7	35.6	5.4
76680	-25.4	73.3	36798.6	35.4	5.4
76740	-25.2	73.3	36789.6	35.2	5.4
76800	-25.1	73.3	36780.6	35.0	5.4
76860	-25.0	73.2	36771.6	34.8	5.4
76920	-24.8	73.2	36762.7	34.6	5.3
76980	-24.7	73.2	36753.8	34.4	5.3
77040	-24.5	73.2	36744.9	34.2	5.3
77100	-24.4	73.1	36736.1	33.9	5.3
77160	-24.2	73.1	36727.3	33.7	5.3
77220	-24.1	73.1	36718.5	33.5	5.2
77280	-23.9	73.1	36709.7	33.3	5.2
77340	-23.8	73.0	36701.0	33.1	5.2
77400	-23.6	73.0	36692.4	32.9	5.2
77460	-23.5	73.0	36683.7	32.7	5.2
77520	-23.3	73.0	36675.1	32.4	5.2
77580	-23.2	72.9	36666.5	32.2	5.1
77640	-23.1	72.9	36658.0	32.0	5.1
77700	-22.9	72.9	36649.5	31.8	5.1
77760	-22.8	72.8	36641.1	31.5	5.1
77820	-22.6	72.8	36632.6	31.3	5.1
77880	-22.5	72.8	36624.3	31.1	5.0
77940	-22.3	72.7	36615.9	30.9	5.0
78000	-22.2	72.7	36607.6	30.6	5.0
78060	-22.0	72.7	36599.4	30.4	5.0
78120	-21.9	72.7	36591.1	30.1	5.0
78180	-21.7	72.6	36583.0	29.9	4.9
78240	-21.6	72.6	36574.8	29.7	4.9

78300	-21.4	72.5	36566.8	29.4	4.9
78360	-21.2	72.5	36558.7	29.2	4.9
78420	-21.1	72.5	36550.7	28.9	4.9
78480	-20.9	72.4	36542.8	28.7	4.8
78540	-20.8	72.4	36534.8	28.4	4.8
78600	-20.6	72.4	36527.0	28.2	4.8
78660	-20.5	72.3	36519.2	27.9	4.8
78720	-20.3	72.3	36511.4	27.7	4.8
78780	-20.2	72.3	36503.7	27.4	4.7
78840	-20.0	72.2	36496.0	27.2	4.7
78900	-19.9	72.2	36488.4	26.9	4.7
78960	-19.7	72.1	36480.8	26.6	4.7
79020	-19.6	72.1	36473.3	26.4	4.7
79080	-19.4	72.1	36465.8	26.1	4.7
79140	-19.2	72.0	36458.3	25.8	4.6
79200	-19.1	72.0	36451.0	25.6	4.6
79260	-18.9	71.9	36443.6	25.3	4.6
79320	-18.8	71.9	36436.4	25.0	4.6
79380	-18.6	71.9	36429.1	24.7	4.6
79440	-18.5	71.8	36422.0	24.4	4.5
79500	-18.3	71.8	36414.9	24.2	4.5
79560	-18.2	71.7	36407.8	23.9	4.5
79620	-18.0	71.7	36400.8	23.6	4.5
79680	-17.8	71.6	36393.8	23.3	4.5
79740	-17.7	71.6	36386.9	23.0	4.4
79800	-17.5	71.6	36380.1	22.7	4.4
79860	-17.4	71.5	36373.3	22.4	4.4
79920	-17.2	71.5	36366.6	22.1	4.4
79980	-17.0	71.4	36359.9	21.8	4.4
80040	-16.9	71.4	36353.3	21.5	4.3
80100	-16.7	71.3	36346.7	21.2	4.3
80160	-16.6	71.3	36340.2	20.9	4.3
80220	-16.4	71.2	36333.8	20.5	4.3
80280	-16.3	71.2	36327.4	20.2	4.3
80340	-16.1	71.1	36321.1	19.9	4.2
80400	-15.9	71.1	36314.8	19.6	4.2
80460	-15.8	71.0	36308.6	19.2	4.2
80520	-15.6	71.0	36302.5	18.9	4.2
80580	-15.5	70.9	36296.4	18.6	4.2
80640	-15.3	70.9	36290.4	18.2	4.2
80700	-15.1	70.8	36284.4	17.9	4.1
80760	-15.0	70.8	36278.5	17.6	4.1
80820	-14.8	70.7	36272.7	17.2	4.1
80880	-14.6	70.7	36266.9	16.9	4.1
80940	-14.5	70.6	36261.2	16.5	4.1
81000	-14.3	70.6	36255.5	16.2	4.0
81060	-14.2	70.5	36250.0	15.8	4.0
81120	-14.0	70.5	36244.4	15.4	4.0

81180	-13.8	70.4	36239.0	15.1	4.0
81240	-13.7	70.4	36233.6	14.7	4.0
81300	-13.5	70.3	36228.3	14.3	4.0
81360	-13.4	70.3	36223.0	14.0	3.9
81420	-13.2	70.2	36217.8	13.6	3.9
81480	-13.0	70.2	36212.7	13.2	3.9
81540	-12.9	70.1	36207.6	12.8	3.9
81600	-12.7	70.1	36202.6	12.4	3.9
81660	-12.5	70.0	36197.7	12.0	3.9
81720	-12.4	70.0	36192.9	11.7	3.8
81780	-12.2	69.9	36188.1	11.3	3.8
81840	-12.0	69.8	36183.4	10.9	3.8
81900	-11.9	69.8	36178.7	10.4	3.8
81960	-11.7	69.7	36174.1	10.0	3.8
82020	-11.6	69.7	36169.6	9.6	3.8
82080	-11.4	69.6	36165.2	9.2	3.7
82140	-11.2	69.6	36160.8	8.8	3.7
82200	-11.1	69.5	36156.5	8.4	3.7
82260	-10.9	69.5	36152.2	7.9	3.7
82320	-10.7	69.4	36148.1	7.5	3.7
82380	-10.6	69.3	36144.0	7.1	3.7
82440	-10.4	69.3	36139.9	6.6	3.6
82500	-10.2	69.2	36136.0	6.2	3.6
82560	-10.1	69.2	36132.1	5.8	3.6
82620	-9.9	69.1	36128.3	5.3	3.6
82680	-9.7	69.1	36124.5	4.9	3.6
82740	-9.6	69.0	36120.9	4.4	3.6
82800	-9.4	68.9	36117.3	3.9	3.6
82860	-9.2	68.9	36113.7	3.5	3.5
82920	-9.1	68.8	36110.3	3.0	3.5
82980	-8.9	68.8	36106.9	2.5	3.5
83040	-8.7	68.7	36103.6	2.1	3.5
83100	-8.6	68.6	36100.3	1.6	3.5
83160	-8.4	68.6	36097.2	1.1	3.5
83220	-8.2	68.5	36094.1	0.6	3.5
83280	-8.1	68.5	36091.0	0.2	3.5
83340	-7.9	68.4	36088.1	359.7	3.4
83400	-7.7	68.4	36085.2	359.2	3.4
83460	-7.6	68.3	36082.4	358.7	3.4
83520	-7.4	68.2	36079.7	358.2	3.4
83580	-7.2	68.2	36077.0	357.7	3.4
83640	-7.1	68.1	36074.4	357.2	3.4
83700	-6.9	68.1	36071.9	356.7	3.4
83760	-6.7	68.0	36069.5	356.2	3.4
83820	-6.6	67.9	36067.1	355.6	3.4

83880	-6.4	67.9	36064.9	355.1	3.3
83940	-6.2	67.8	36062.6	354.6	3.3
84000	-6.1	67.7	36060.5	354.1	3.3
84060	-5.9	67.7	36058.4	353.6	3.3
84120	-5.7	67.6	36056.4	353.0	3.3
84180	-5.6	67.6	36054.5	352.5	3.3
84240	-5.4	67.5	36052.7	352.0	3.3
84300	-5.2	67.4	36050.9	351.4	3.3
84360	-5.1	67.4	36049.2	350.9	3.3
84420	-4.9	67.3	36047.6	350.3	3.3
84480	-4.7	67.3	36046.1	349.8	3.3
84540	-4.6	67.2	36044.6	349.3	3.2
84600	-4.4	67.1	36043.2	348.7	3.2
84660	-4.2	67.1	36041.9	348.2	3.2
84720	-4.1	67.0	36040.6	347.6	3.2
84780	-3.9	66.9	36039.5	347.1	3.2
84840	-3.7	66.9	36038.4	346.5	3.2
84900	-3.6	66.8	36037.4	345.9	3.2
84960	-3.4	66.8	36036.4	345.4	3.2
85020	-3.2	66.7	36035.5	344.8	3.2
85080	-3.0	66.6	36034.7	344.3	3.2
85140	-2.9	66.6	36034.0	343.7	3.2
85200	-2.7	66.5	36033.4	343.2	3.2
85260	-2.5	66.4	36032.8	342.6	3.2
85320	-2.4	66.4	36032.3	342.0	3.2
85380	-2.2	66.3	36031.8	341.5	3.2
85440	-2.0	66.3	36031.5	340.9	3.2
85500	-1.9	66.2	36031.2	340.3	3.2
85560	-1.7	66.1	36031.0	339.8	3.2
85620	-1.5	66.1	36030.9	339.2	3.2
85680	-1.4	66.0	36030.8	338.6	3.2
85740	-1.2	65.9	36030.8	338.1	3.2
85800	-1.0	65.9	36030.9	337.5	3.2
85860	-0.9	65.8	36031.1	337.0	3.2
85920	-0.7	65.7	36031.3	336.4	3.2
85980	-0.5	65.7	36031.6	335.8	3.2
86040	-0.3	65.6	36032.0	335.3	3.2
86100	-0.2	65.6	36032.4	334.7	3.2
86160	0.0	65.5	36033.0	334.1	3.2
86220	0.2	65.4	36033.6	333.6	3.2
86280	0.3	65.4	36034.2	333.0	3.2
86340	0.5	65.3	36035.0	332.5	3.2
86400	0.7	65.2	36035.8	331.9	3.2

TABLEAU / TABLE / CUADRO / 表 / ТАБЛИЦА / 3

Temps Time Тiempo 时间 Время الوقت	Latitude Latitud 纬度 Широта خط العرض	Longitude Longitud 经度 Долгота خط الطول	Distance Range Distancia 距离 Расстояние المسافة (km / كم)	Alpha	Beta
0	0.0	94.0	35825.1	113.5	2.1
60	0.2	93.9	35821.7	114.2	2.1
120	0.3	93.9	35818.3	114.8	2.1
180	0.5	93.8	35815.0	115.5	2.1
240	0.7	93.7	35811.8	116.2	2.0
300	0.8	93.7	35808.7	116.9	2.0
360	1.0	93.6	35805.6	117.6	2.0
420	1.2	93.6	35802.6	118.3	2.0
480	1.3	93.5	35799.7	119.0	2.0
540	1.5	93.4	35796.9	119.8	1.9
600	1.7	93.4	35794.1	120.6	1.9
660	1.9	93.3	35791.4	121.4	1.9
720	2.0	93.2	35788.8	122.2	1.9
780	2.2	93.2	35786.3	123.0	1.9
840	2.4	93.1	35783.8	123.8	1.9
900	2.5	93.1	35781.4	124.7	1.8
960	2.7	93.0	35779.1	125.6	1.8
1020	2.9	92.9	35776.9	126.5	1.8
1080	3.0	92.9	35774.7	127.4	1.8
1140	3.2	92.8	35772.7	128.3	1.8
1200	3.4	92.7	35770.7	129.2	1.8
1260	3.5	92.7	35768.7	130.2	1.8
1320	3.7	92.6	35766.9	131.1	1.7
1380	3.9	92.6	35765.1	132.1	1.7
1440	4.0	92.5	35763.4	133.1	1.7
1500	4.2	92.4	35761.8	134.2	1.7
1560	4.4	92.4	35760.3	135.2	1.7
1620	4.6	92.3	35758.8	136.2	1.7
1680	4.7	92.2	35757.4	137.3	1.7
1740	4.9	92.2	35756.1	138.4	1.7
1800	5.1	92.1	35754.9	139.4	1.6
1860	5.2	92.1	35753.7	140.5	1.6
1920	5.4	92.0	35752.7	141.7	1.6
1980	5.6	91.9	35751.7	142.8	1.6
2040	5.7	91.9	35750.8	143.9	1.6
2100	5.9	91.8	35749.9	145.0	1.6
2160	6.1	91.7	35749.1	146.2	1.6
2220	6.2	91.7	35748.5	147.3	1.6
2280	6.4	91.6	35747.8	148.5	1.6
2340	6.6	91.6	35747.3	149.7	1.6
2400	6.7	91.5	35746.9	150.9	1.6
2460	6.9	91.4	35746.5	152.0	1.6
2520	7.1	91.4	35746.2	153.2	1.6
2580	7.2	91.3	35745.9	154.4	1.6
2640	7.4	91.3	35745.8	155.6	1.6

2700	7.6	91.2	35745.7	156.8	1.6
2760	7.7	91.1	35745.7	158.0	1.6
2820	7.9	91.1	35745.8	159.1	1.6
2880	8.1	91.0	35746.0	160.3	1.6
2940	8.2	91.0	35746.2	161.5	1.6
3000	8.4	90.9	35746.5	162.7	1.6
3060	8.6	90.8	35746.9	163.8	1.6
3120	8.7	90.8	35747.3	165.0	1.6
3180	8.9	90.7	35747.9	166.1	1.6
3240	9.1	90.7	35748.5	167.3	1.6
3300	9.2	90.6	35749.2	168.4	1.6
3360	9.4	90.6	35749.9	169.5	1.6
3420	9.6	90.5	35750.8	170.6	1.6
3480	9.7	90.4	35751.7	171.7	1.6
3540	9.9	90.4	35752.6	172.8	1.7
3600	10.1	90.3	35753.7	173.9	1.7
3660	10.2	90.3	35754.8	174.9	1.7
3720	10.4	90.2	35756.0	176.0	1.7
3780	10.6	90.1	35757.3	177.0	1.7
3840	10.7	90.1	35758.7	178.0	1.7
3900	10.9	90.0	35760.1	179.0	1.7
3960	11.0	90.0	35761.6	180.0	1.7
4020	11.2	89.9	35763.2	181.0	1.7
4080	11.4	89.9	35764.8	182.0	1.8
4140	11.5	89.8	35766.6	182.9	1.8
4200	11.7	89.8	35768.3	183.8	1.8
4260	11.9	89.7	35770.2	184.7	1.8
4320	12.0	89.6	35772.1	185.6	1.8
4380	12.2	89.6	35774.2	186.5	1.8
4440	12.4	89.5	35776.2	187.4	1.9
4500	12.5	89.5	35778.4	188.2	1.9
4560	12.7	89.4	35780.6	189.1	1.9
4620	12.9	89.4	35782.9	189.9	1.9
4680	13.0	89.3	35785.3	190.7	1.9
4740	13.2	89.3	35787.7	191.5	1.9
4800	13.3	89.2	35790.2	192.2	2.0
4860	13.5	89.2	35792.8	193.0	2.0
4920	13.7	89.1	35795.4	193.7	2.0
4980	13.8	89.1	35798.1	194.5	2.0
5040	14.0	89.0	35800.9	195.2	2.0
5100	14.2	89.0	35803.7	195.9	2.1
5160	14.3	88.9	35806.7	196.6	2.1
5220	14.5	88.9	35809.6	197.2	2.1
5280	14.6	88.8	35812.7	197.9	2.1
5340	14.8	88.8	35815.8	198.5	2.1
5400	15.0	88.7	35819.0	199.2	2.2

5460	15.1	88.7	35822.2	199.8	2.2
5520	15.3	88.6	35825.5	200.4	2.2
5580	15.4	88.6	35828.9	201.0	2.2
5640	15.6	88.5	35832.4	201.6	2.2
5700	15.8	88.5	35835.9	202.2	2.3
5760	15.9	88.4	35839.4	202.7	2.3
5820	16.1	88.4	35843.1	203.3	2.3
5880	16.2	88.3	35846.8	203.8	2.3
5940	16.4	88.3	35850.6	204.4	2.3
6000	16.6	88.2	35854.4	204.9	2.4
6060	16.7	88.2	35858.3	205.4	2.4
6120	16.9	88.1	35862.2	205.9	2.4
6180	17.0	88.1	35866.2	206.4	2.4
6240	17.2	88.0	35870.3	206.9	2.5
6300	17.4	88.0	35874.4	207.3	2.5
6360	17.5	87.9	35878.6	207.8	2.5
6420	17.7	87.9	35882.9	208.2	2.5
6480	17.8	87.9	35887.2	208.7	2.6
6540	18.0	87.8	35891.6	209.1	2.6
6600	18.1	87.8	35896.0	209.6	2.6
6660	18.3	87.7	35900.5	210.0	2.6
6720	18.5	87.7	35905.0	210.4	2.6
6780	18.6	87.6	35909.6	210.8	2.7
6840	18.8	87.6	35914.3	211.2	2.7
6900	18.9	87.6	35919.0	211.6	2.7
6960	19.1	87.5	35923.8	212.0	2.7
7020	19.2	87.5	35928.6	212.4	2.8
7080	19.4	87.4	35933.5	212.8	2.8
7140	19.5	87.4	35938.4	213.1	2.8
7200	19.7	87.4	35943.4	213.5	2.8
7260	19.9	87.3	35948.5	213.8	2.9
7320	20.0	87.3	35953.6	214.2	2.9
7380	20.2	87.2	35958.7	214.5	2.9
7440	20.3	87.2	35963.9	214.9	2.9
7500	20.5	87.2	35969.2	215.2	3.0
7560	20.6	87.1	35974.5	215.5	3.0
7620	20.8	87.1	35979.9	215.9	3.0
7680	20.9	87.1	35985.3	216.2	3.0
7740	21.1	87.0	35990.7	216.5	3.0
7800	21.2	87.0	35996.2	216.8	3.1
7860	21.4	86.9	36001.8	217.1	3.1
7920	21.5	86.9	36007.4	217.4	3.1
7980	21.7	86.9	36013.0	217.7	3.1
8040	21.8	86.8	36018.7	218.0	3.2
8100	22.0	86.8	36024.5	218.3	3.2
8160	22.1	86.8	36030.2	218.5	3.2
8220	22.3	86.7	36036.1	218.8	3.2
8280	22.4	86.7	36042.0	219.1	3.3

8340	22.6	22.6	36047.9	219.4	3.3
8400	22.7	22.7	36053.8	219.6	3.3
8460	22.9	22.9	36059.9	219.9	3.3
8520	23.0	23.0	36065.9	220.1	3.4
8580	23.2	23.2	36072.0	220.4	3.4
8640	23.3	23.3	36078.1	220.7	3.4
8700	23.5	23.5	36084.3	220.9	3.4
8760	23.6	23.6	36090.5	221.1	3.4
8820	23.8	23.8	36096.8	221.4	3.5
8880	23.9	23.9	36103.1	221.6	3.5
8940	24.1	24.1	36109.4	221.9	3.5
9000	24.2	24.2	36115.8	222.1	3.5
9060	24.4	24.4	36122.2	222.3	3.6
9120	24.5	24.5	36128.6	222.6	3.6
9180	24.7	24.7	36135.1	222.8	3.6
9240	24.8	24.8	36141.6	223.0	3.6
9300	24.9	24.9	36148.2	223.2	3.7
9360	25.1	25.1	36154.8	223.4	3.7
9420	25.2	25.2	36161.4	223.7	3.7
9480	25.4	25.4	36168.0	223.9	3.7
9540	25.5	25.5	36174.7	224.1	3.7
9600	25.7	25.7	36181.4	224.3	3.8
9660	25.8	25.8	36188.2	224.5	3.8
9720	25.9	25.9	36195.0	224.7	3.8
9780	26.1	26.1	36201.8	224.9	3.8
9840	26.2	26.2	36208.6	225.1	3.9
9900	26.4	26.4	36215.5	225.3	3.9
9960	26.5	26.5	36222.4	225.5	3.9
10020	26.7	26.7	36229.3	225.7	3.9
10080	26.8	26.8	36236.3	225.9	3.9
10140	26.9	26.9	36243.3	226.1	4.0
10200	27.1	27.1	36250.3	226.2	4.0
10260	27.2	27.2	36257.3	226.4	4.0
10320	27.3	27.3	36264.4	226.6	4.0
10380	27.5	27.5	36271.4	226.8	4.0
10440	27.6	27.6	36278.5	227.0	4.1
10500	27.8	27.8	36285.7	227.2	4.1
10560	27.9	27.9	36292.8	227.3	4.1
10620	28.0	28.0	36300.0	227.5	4.1
10680	28.2	28.2	36307.2	227.7	4.2
10740	28.3	28.3	36314.4	227.8	4.2
10800	28.4	28.4	36321.6	228.0	4.2
10860	28.6	28.6	36328.9	228.2	4.2
10920	28.7	28.7	36336.2	228.4	4.2
10980	28.8	28.8	36343.5	228.5	4.3
11040	29.0	29.0	36350.8	228.7	4.3
11100	29.1	29.1	36358.1	228.9	4.3
11160	29.2	29.2	36365.4	229.0	4.3



11220	29.4	85.8	36372.8	229.2	4.3
11280	29.5	85.8	36380.2	229.3	4.4
11340	29.6	85.8	36387.6	229.5	4.4
11400	29.8	85.8	36395.0	229.7	4.4
11460	29.9	85.8	36402.4	229.8	4.4
11520	30.0	85.8	36409.8	230.0	4.4
11580	30.1	85.8	36417.2	230.1	4.5
11640	30.3	85.8	36424.7	230.3	4.5
11700	30.4	85.8	36432.2	230.4	4.5
11760	30.5	85.8	36439.6	230.6	4.5
11820	30.7	85.8	36447.1	230.7	4.5
11880	30.8	85.8	36454.6	230.9	4.6
11940	30.9	85.8	36462.1	231.0	4.6
12000	31.0	85.8	36469.6	231.2	4.6
12060	31.2	85.8	36477.1	231.3	4.6
12120	31.3	85.8	36484.6	231.5	4.6
12180	31.4	85.8	36492.1	231.6	4.6
12240	31.5	85.8	36499.7	231.7	4.7
12300	31.7	85.8	36507.2	231.9	4.7
12360	31.8	85.8	36514.7	232.0	4.7
12420	31.9	85.8	36522.3	232.2	4.7
12480	32.0	85.9	36529.8	232.3	4.7
12540	32.1	85.9	36537.4	232.4	4.8
12600	32.3	85.9	36544.9	232.6	4.8
12660	32.4	85.9	36552.5	232.7	4.8
12720	32.5	85.9	36560.0	232.9	4.8
12780	32.6	85.9	36567.6	233.0	4.8
12840	32.7	85.9	36575.1	233.1	4.8
12900	32.9	85.9	36582.6	233.3	4.9
12960	33.0	85.9	36590.2	233.4	4.9
13020	33.1	86.0	36597.7	233.5	4.9
13080	33.2	86.0	36605.3	233.7	4.9
13140	33.3	86.0	36612.8	233.8	4.9
13200	33.4	86.0	36620.3	233.9	4.9
13260	33.6	86.0	36627.8	234.1	5.0
13320	33.7	86.1	36635.3	234.2	5.0
13380	33.8	86.1	36642.8	234.3	5.0
13440	33.9	86.1	36650.3	234.4	5.0
13500	34.0	86.1	36657.8	234.6	5.0
13560	34.1	86.1	36665.3	234.7	5.0
13620	34.2	86.2	36672.8	234.8	5.1
13680	34.3	86.2	36680.3	235.0	5.1
13740	34.4	86.2	36687.7	235.1	5.1
13800	34.6	86.2	36695.1	235.2	5.1
13860	34.7	86.3	36702.6	235.3	5.1
13920	34.8	86.3	36710.0	235.5	5.1
13980	34.9	86.3	36717.4	235.6	5.2
14040	35.0	86.3	36724.8	235.7	5.2

14100	35.1	86.4	36732.2	235.8	5.2
14160	35.2	86.4	36739.5	235.9	5.2
14220	35.3	86.4	36746.9	236.1	5.2
14280	35.4	86.4	36754.2	236.2	5.2
14340	35.5	86.5	36761.5	236.3	5.2
14400	35.6	86.5	36768.8	236.4	5.3
14460	35.7	86.5	36776.1	236.6	5.3
14520	35.8	86.6	36783.4	236.7	5.3
14580	35.9	86.6	36790.6	236.8	5.3
14640	36.0	86.6	36797.9	236.9	5.3
14700	36.1	86.7	36805.1	237.0	5.3
14760	36.2	86.7	36812.3	237.1	5.3
14820	36.3	86.8	36819.4	237.3	5.4
14880	36.4	86.8	36826.6	237.4	5.4
14940	36.5	86.8	36833.7	237.5	5.4
15000	36.6	86.9	36840.8	237.6	5.4
15060	36.7	86.9	36847.9	237.7	5.4
15120	36.8	86.9	36855.0	237.8	5.4
15180	36.9	87.0	36862.0	238.0	5.4
15240	37.0	87.0	36869.0	238.1	5.4
15300	37.1	87.1	36876.0	238.2	5.5
15360	37.1	87.1	36882.9	238.3	5.5
15420	37.2	87.2	36889.9	238.4	5.5
15480	37.3	87.2	36896.8	238.5	5.5
15540	37.4	87.2	36903.7	238.6	5.5
15600	37.5	87.3	36910.5	238.8	5.5
15660	37.6	87.3	36917.3	238.9	5.5
15720	37.7	87.4	36924.1	239.0	5.5
15780	37.8	87.4	36930.9	239.1	5.6
15840	37.9	87.5	36937.6	239.2	5.6
15900	37.9	87.5	36944.3	239.3	5.6
15960	38.0	87.6	36951.0	239.4	5.6
16020	38.1	87.6	36957.6	239.5	5.6
16080	38.2	87.7	36964.2	239.7	5.6
16140	38.3	87.7	36970.8	239.8	5.6
16200	38.3	87.8	36977.4	239.9	5.6
16260	38.4	87.8	36983.9	240.0	5.7
16320	38.5	87.9	36990.3	240.1	5.7
16380	38.6	87.9	36996.8	240.2	5.7
16440	38.7	88.0	37003.2	240.3	5.7
16500	38.7	88.1	37009.6	240.4	5.7
16560	38.8	88.1	37015.9	240.5	5.7
16620	38.9	88.2	37022.2	240.6	5.7
16680	39.0	88.2	37028.5	240.7	5.7
16740	39.0	88.3	37034.7	240.8	5.7
16800	39.1	88.3	37040.9	241.0	5.7
16860	39.2	88.4	37047.0	241.1	5.8
16920	39.3	88.5	37053.1	241.2	5.8

16980	39.3	88.5	37059.2	241.3	5.8
17040	39.4	88.6	37065.2	241.4	5.8
17100	39.5	88.7	37071.2	241.5	5.8
17160	39.5	88.7	37077.2	241.6	5.8
17220	39.6	88.8	37083.1	241.7	5.8
17280	39.7	88.8	37089.0	241.8	5.8
17340	39.7	88.9	37094.8	241.9	5.8
17400	39.8	89.0	37100.6	242.0	5.8
17460	39.9	89.0	37106.3	242.1	5.8
17520	39.9	89.1	37112.0	242.2	5.9
17580	40.0	89.2	37117.7	242.3	5.9
17640	40.0	89.2	37123.3	242.4	5.9
17700	40.1	89.3	37128.9	242.5	5.9
17760	40.2	89.4	37134.4	242.6	5.9
17820	40.2	89.4	37139.9	242.7	5.9
17880	40.3	89.5	37145.3	242.8	5.9
17940	40.3	89.6	37150.7	242.9	5.9
18000	40.4	89.7	37156.0	243.0	5.9
18060	40.4	89.7	37161.3	243.2	5.9
18120	40.5	89.8	37166.6	243.3	5.9
18180	40.5	89.9	37171.8	243.4	5.9
18240	40.6	89.9	37176.9	243.5	6.0
18300	40.6	90.0	37182.0	243.6	6.0
18360	40.7	90.1	37187.1	243.7	6.0
18420	40.7	90.2	37192.1	243.8	6.0
18480	40.8	90.2	37197.1	243.9	6.0
18540	40.8	90.3	37202.0	244.0	6.0
18600	40.9	90.4	37206.8	244.1	6.0
18660	40.9	90.5	37211.6	244.2	6.0
18720	41.0	90.5	37216.4	244.3	6.0
18780	41.0	90.6	37221.1	244.4	6.0
18840	41.1	90.7	37225.8	244.5	6.0
18900	41.1	90.8	37230.4	244.6	6.0
18960	41.2	90.8	37234.9	244.7	6.0
19020	41.2	90.9	37239.4	244.8	6.0
19080	41.2	91.0	37243.9	244.9	6.0
19140	41.3	91.1	37248.3	245.0	6.1
19200	41.3	91.2	37252.6	245.1	6.1
19260	41.3	91.2	37256.9	245.2	6.1
19320	41.4	91.3	37261.1	245.3	6.1
19380	41.4	91.4	37265.3	245.4	6.1
19440	41.4	91.5	37269.4	245.4	6.1
19500	41.5	91.6	37273.5	245.5	6.1
19560	41.5	91.6	37277.5	245.6	6.1
19620	41.5	91.7	37281.5	245.7	6.1
19680	41.6	91.8	37285.4	245.8	6.1
19740	41.6	91.9	37289.3	245.9	6.1
19800	41.6	92.0	37293.1	246.0	6.1

19860	41.7	92.1	37296.8	246.1	6.1
19920	41.7	92.1	37300.5	246.2	6.1
19980	41.7	92.2	37304.1	246.3	6.1
20040	41.7	92.3	37307.7	246.4	6.1
20100	41.7	92.4	37311.2	246.5	6.1
20160	41.8	92.5	37314.6	246.6	6.1
20220	41.8	92.6	37318.0	246.7	6.1
20280	41.8	92.7	37321.4	246.8	6.1
20340	41.8	92.7	37324.7	246.9	6.1
20400	41.8	92.8	37327.9	247.0	6.2
20460	41.9	92.9	37331.0	247.1	6.2
20520	41.9	93.0	37334.1	247.2	6.2
20580	41.9	93.1	37337.2	247.3	6.2
20640	41.9	93.2	37340.2	247.4	6.2
20700	41.9	93.2	37343.1	247.4	6.2
20760	41.9	93.3	37346.0	247.5	6.2
20820	41.9	93.4	37348.8	247.6	6.2
20880	42.0	93.5	37351.5	247.7	6.2
20940	42.0	93.6	37354.2	247.8	6.2
21000	42.0	93.7	37356.9	247.9	6.2
21060	42.0	93.8	37359.4	248.0	6.2
21120	42.0	93.9	37361.9	248.1	6.2
21180	42.0	93.9	37364.4	248.2	6.2
21240	42.0	94.0	37366.8	248.3	6.2
21300	42.0	94.1	37369.1	248.4	6.2
21360	42.0	94.2	37371.4	248.5	6.2
21420	42.0	94.3	37373.6	248.5	6.2
21480	42.0	94.4	37375.7	248.6	6.2
21540	42.0	94.5	37377.8	248.7	6.2
21600	42.0	94.5	37379.8	248.8	6.2
21660	42.0	94.6	37381.8	248.9	6.2
21720	42.0	94.7	37383.7	249.0	6.2
21780	42.0	94.8	37385.5	249.1	6.2
21840	42.0	94.9	37387.3	249.2	6.2
21900	42.0	95.0	37389.0	249.3	6.2
21960	42.0	95.1	37390.6	249.3	6.2
22020	42.0	95.2	37392.2	249.4	6.2
22080	41.9	95.2	37393.8	249.5	6.2
22140	41.9	95.3	37395.2	249.6	6.2
22200	41.9	95.4	37396.6	249.7	6.2
22260	41.9	95.5	37398.0	249.8	6.2
22320	41.9	95.6	37399.2	249.9	6.2
22380	41.9	95.7	37400.4	250.0	6.2
22440	41.9	95.7	37401.6	250.0	6.2
22500	41.9	95.8	37402.7	250.1	6.2
22560	41.8	95.9	37403.7	250.2	6.2
22620	41.8	96.0	37404.7	250.3	6.2
22680	41.8	96.1	37405.6	250.4	6.2

22740	41.8	96.2	37406.4	250.5	6.2
22800	41.8	96.3	37407.2	250.5	6.2
22860	41.7	96.3	37407.9	250.6	6.2
22920	41.7	96.4	37408.5	250.7	6.2
22980	41.7	96.5	37409.1	250.8	6.2
23040	41.7	96.6	37409.6	250.9	6.2
23100	41.6	96.7	37410.1	251.0	6.2
23160	41.6	96.8	37410.5	251.0	6.2
23220	41.6	96.8	37410.8	251.1	6.2
23280	41.5	96.9	37411.1	251.2	6.2
23340	41.5	97.0	37411.3	251.3	6.2
23400	41.5	97.1	37411.4	251.4	6.2
23460	41.5	97.2	37411.5	251.5	6.2
23520	41.4	97.2	37411.5	251.5	6.2
23580	41.4	97.3	37411.5	251.6	6.2
23640	41.4	97.4	37411.4	251.7	6.2
23700	41.3	97.5	37411.2	251.8	6.2
23760	41.3	97.6	37411.0	251.9	6.2
23820	41.2	97.6	37410.7	251.9	6.2
23880	41.2	97.7	37410.3	252.0	6.2
23940	41.2	97.8	37409.9	252.1	6.2
24000	41.1	97.9	37409.4	252.2	6.2
24060	41.1	98.0	37408.9	252.2	6.2
24120	41.0	98.0	37408.3	252.3	6.2
24180	41.0	98.1	37407.6	252.4	6.2
24240	41.0	98.2	37406.9	252.5	6.2
24300	40.9	98.3	37406.1	252.5	6.2
24360	40.9	98.3	37405.3	252.6	6.2
24420	40.8	98.4	37404.3	252.7	6.2
24480	40.8	98.5	37403.4	252.8	6.2
24540	40.7	98.6	37402.3	252.8	6.2
24600	40.7	98.6	37401.2	252.9	6.2
24660	40.6	98.7	37400.1	253.0	6.2
24720	40.6	98.8	37398.9	253.1	6.2
24780	40.5	98.8	37397.6	253.1	6.2
24840	40.5	98.9	37396.2	253.2	6.2
24900	40.4	99.0	37394.8	253.3	6.1
24960	40.4	99.1	37393.4	253.4	6.1
25020	40.3	99.1	37391.8	253.4	6.1
25080	40.2	99.2	37390.3	253.5	6.1
25140	40.2	99.3	37388.6	253.6	6.1
25200	40.1	99.3	37386.9	253.6	6.1
25260	40.1	99.4	37385.2	253.7	6.1
25320	40.0	99.5	37383.3	253.8	6.1
25380	39.9	99.5	37381.5	253.8	6.1
25440	39.9	99.6	37379.5	253.9	6.1
25500	39.8	99.7	37377.5	254.0	6.1
25560	39.8	99.7	37375.5	254.0	6.1

25620	39.7	99.8	37373.4	254.1	6.1
25680	39.6	99.8	37371.2	254.2	6.1
25740	39.6	99.9	37369.0	254.2	6.1
25800	39.5	100.0	37366.7	254.3	6.1
25860	39.4	100.0	37364.3	254.4	6.1
25920	39.4	100.1	37361.9	254.4	6.1
25980	39.3	100.2	37359.5	254.5	6.1
26040	39.2	100.2	37357.0	254.6	6.1
26100	39.1	100.3	37354.4	254.6	6.1
26160	39.1	100.3	37351.8	254.7	6.0
26220	39.0	100.4	37349.1	254.8	6.0
26280	38.9	100.4	37346.3	254.8	6.0
26340	38.8	100.5	37343.5	254.9	6.0
26400	38.8	100.6	37340.7	254.9	6.0
26460	38.7	100.6	37337.8	255.0	6.0
26520	38.6	100.7	37334.8	255.1	6.0
26580	38.5	100.7	37331.8	255.1	6.0
26640	38.5	100.8	37328.8	255.2	6.0
26700	38.4	100.8	37325.6	255.2	6.0
26760	38.3	100.9	37322.5	255.3	6.0
26820	38.2	100.9	37319.2	255.3	6.0
26880	38.1	101.0	37316.0	255.4	6.0
26940	38.1	101.0	37312.6	255.5	6.0
27000	38.0	101.1	37309.2	255.5	6.0
27060	37.9	101.1	37305.8	255.6	6.0
27120	37.8	101.2	37302.3	255.6	5.9
27180	37.7	101.2	37298.8	255.7	5.9
27240	37.6	101.3	37295.2	255.7	5.9
27300	37.6	101.3	37291.5	255.8	5.9
27360	37.5	101.4	37287.8	255.8	5.9
27420	37.4	101.4	37284.1	255.9	5.9
27480	37.3	101.4	37280.3	255.9	5.9
27540	37.2	101.5	37276.5	256.0	5.9
27600	37.1	101.5	37272.6	256.0	5.9
27660	37.0	101.6	37268.6	256.1	5.9
27720	36.9	101.6	37264.7	256.1	5.9
27780	36.8	101.6	37260.6	256.2	5.9
27840	36.7	101.7	37256.5	256.2	5.9
27900	36.6	101.7	37252.4	256.3	5.8
27960	36.6	101.8	37248.2	256.3	5.8
28020	36.5	101.8	37244.0	256.4	5.8
28080	36.4	101.8	37239.7	256.4	5.8
28140	36.3	101.9	37235.4	256.4	5.8
28200	36.2	101.9	37231.1	256.5	5.8
28260	36.1	101.9	37226.7	256.5	5.8
28320	36.0	102.0	37222.2	256.6	5.8
28380	35.9	102.0	37217.7	256.6	5.8
28440	35.8	102.0	37213.2	256.7	5.8

28500	35.7	102.1	37208.6	256.7	5.8
28560	35.6	102.1	37204.0	256.7	5.7
28620	35.5	102.1	37199.3	256.8	5.7
28680	35.4	102.2	37194.6	256.8	5.7
28740	35.3	102.2	37189.9	256.8	5.7
28800	35.2	102.2	37185.1	256.9	5.7
28860	35.1	102.2	37180.3	256.9	5.7
28920	34.9	102.3	37175.4	257.0	5.7
28980	34.8	102.3	37170.5	257.0	5.7
29040	34.7	102.3	37165.5	257.0	5.7
29100	34.6	102.3	37160.5	257.1	5.7
29160	34.5	102.4	37155.5	257.1	5.6
29220	34.4	102.4	37150.5	257.1	5.6
29280	34.3	102.4	37145.4	257.1	5.6
29340	34.2	102.4	37140.2	257.2	5.6
29400	34.1	102.4	37135.0	257.2	5.6
29460	34.0	102.5	37129.8	257.2	5.6
29520	33.9	102.5	37124.6	257.3	5.6
29580	33.7	102.5	37119.3	257.3	5.6
29640	33.6	102.5	37114.0	257.3	5.6
29700	33.5	102.5	37108.6	257.3	5.5
29760	33.4	102.6	37103.2	257.4	5.5
29820	33.3	102.6	37097.8	257.4	5.5
29880	33.2	102.6	37092.4	257.4	5.5
29940	33.1	102.6	37086.9	257.4	5.5
30000	33.0	102.6	37081.4	257.4	5.5
30060	32.8	102.6	37075.8	257.5	5.5
30120	32.7	102.6	37070.2	257.5	5.5
30180	32.6	102.6	37064.6	257.5	5.5
30240	32.5	102.7	37059.0	257.5	5.4
30300	32.4	102.7	37053.3	257.5	5.4
30360	32.2	102.7	37047.6	257.5	5.4
30420	32.1	102.7	37041.9	257.5	5.4
30480	32.0	102.7	37036.2	257.6	5.4
30540	31.9	102.7	37030.4	257.6	5.4
30600	31.8	102.7	37024.6	257.6	5.4
30660	31.6	102.7	37018.7	257.6	5.4
30720	31.5	102.7	37012.9	257.6	5.3
30780	31.4	102.7	37007.0	257.6	5.3
30840	31.3	102.7	37001.1	257.6	5.3
30900	31.2	102.7	36995.1	257.6	5.3
30960	31.0	102.7	36989.2	257.6	5.3
31020	30.9	102.7	36983.2	257.6	5.3
31080	30.8	102.7	36977.2	257.6	5.3
31140	30.7	102.7	36971.2	257.6	5.2
31200	30.5	102.7	36965.1	257.6	5.2
31260	30.4	102.7	36959.1	257.6	5.2
31320	30.3	102.7	36953.0	257.6	5.2

31380	30.1	102.7	36946.9	257.6	5.2
31440	30.0	102.7	36940.7	257.6	5.2
31500	29.9	102.7	36934.6	257.6	5.2
31560	29.8	102.7	36928.4	257.6	5.2
31620	29.6	102.7	36922.2	257.6	5.1
31680	29.5	102.7	36916.0	257.6	5.1
31740	29.4	102.7	36909.8	257.6	5.1
31800	29.2	102.7	36903.6	257.6	5.1
31860	29.1	102.7	36897.4	257.6	5.1
31920	29.0	102.7	36891.1	257.5	5.1
31980	28.8	102.7	36884.8	257.5	5.1
32040	28.7	102.7	36878.5	257.5	5.0
32100	28.6	102.7	36872.2	257.5	5.0
32160	28.4	102.6	36865.9	257.5	5.0
32220	28.3	102.6	36859.6	257.4	5.0
32280	28.2	102.6	36853.2	257.4	5.0
32340	28.0	102.6	36846.9	257.4	5.0
32400	27.9	102.6	36840.5	257.4	4.9
32460	27.8	102.6	36834.1	257.4	4.9
32520	27.6	102.6	36827.8	257.3	4.9
32580	27.5	102.5	36821.4	257.3	4.9
32640	27.4	102.5	36815.0	257.3	4.9
32700	27.2	102.5	36808.6	257.2	4.9
32760	27.1	102.5	36802.2	257.2	4.9
32820	27.0	102.5	36795.7	257.2	4.8
32880	26.8	102.5	36789.3	257.1	4.8
32940	26.7	102.4	36782.9	257.1	4.8
33000	26.5	102.4	36776.5	257.1	4.8
33060	26.4	102.4	36770.0	257.0	4.8
33120	26.3	102.4	36763.6	257.0	4.8
33180	26.1	102.4	36757.1	256.9	4.7
33240	26.0	102.4	36750.7	256.9	4.7
33300	25.8	102.3	36744.3	256.8	4.7
33360	25.7	102.3	36737.8	256.8	4.7
33420	25.6	102.3	36731.4	256.7	4.7
33480	25.4	102.3	36724.9	256.7	4.7
33540	25.3	102.2	36718.5	256.6	4.6
33600	25.1	102.2	36712.0	256.6	4.6
33660	25.0	102.2	36705.6	256.5	4.6
33720	24.8	102.2	36699.1	256.5	4.6
33780	24.7	102.1	36692.7	256.4	4.6
33840	24.6	102.1	36686.3	256.3	4.5
33900	24.4	102.1	36679.8	256.3	4.5
33960	24.3	102.1	36673.4	256.2	4.5
34020	24.1	102.0	36667.0	256.1	4.5
34080	24.0	102.0	36660.6	256.1	4.5
34140	23.8	102.0	36654.2	256.0	4.5
34200	23.7	101.9	36647.8	255.9	4.4

34260	23.5	101.9	36641.4	255.9	4.4
34320	23.4	101.9	36635.0	255.8	4.4
34380	23.3	101.9	36628.6	255.7	4.4
34440	23.1	101.8	36622.2	255.6	4.4
34500	23.0	101.8	36615.9	255.5	4.4
34560	22.8	101.8	36609.6	255.4	4.3
34620	22.7	101.7	36603.2	255.4	4.3
34680	22.5	101.7	36596.9	255.3	4.3
34740	22.4	101.7	36590.6	255.2	4.3
34800	22.2	101.6	36584.3	255.1	4.3
34860	22.1	101.6	36578.0	255.0	4.2
34920	21.9	101.6	36571.8	254.9	4.2
34980	21.8	101.5	36565.5	254.8	4.2
35040	21.6	101.5	36559.3	254.7	4.2
35100	21.5	101.4	36553.1	254.6	4.2
35160	21.3	101.4	36546.9	254.5	4.1
35220	21.2	101.4	36540.7	254.4	4.1
35280	21.0	101.3	36534.5	254.2	4.1
35340	20.9	101.3	36528.4	254.1	4.1
35400	20.7	101.3	36522.2	254.0	4.1
35460	20.6	101.2	36516.1	253.9	4.1
35520	20.4	101.2	36510.0	253.8	4.0
35580	20.3	101.1	36504.0	253.6	4.0
35640	20.1	101.1	36497.9	253.5	4.0
35700	20.0	101.1	36491.9	253.4	4.0
35760	19.8	101.0	36485.9	253.2	4.0
35820	19.6	101.0	36479.9	253.1	3.9
35880	19.5	100.9	36474.0	253.0	3.9
35940	19.3	100.9	36468.0	252.8	3.9
36000	19.2	100.8	36462.1	252.7	3.9
36060	19.0	100.8	36456.2	252.5	3.9
36120	18.9	100.8	36450.4	252.4	3.8
36180	18.7	100.7	36444.6	252.2	3.8
36240	18.6	100.7	36438.8	252.1	3.8
36300	18.4	100.6	36433.0	251.9	3.8
36360	18.3	100.6	36427.2	251.7	3.8
36420	18.1	100.5	36421.5	251.6	3.7
36480	18.0	100.5	36415.8	251.4	3.7
36540	17.8	100.4	36410.2	251.2	3.7
36600	17.6	100.4	36404.6	251.0	3.7
36660	17.5	100.4	36399.0	250.9	3.7
36720	17.3	100.3	36393.4	250.7	3.6
36780	17.2	100.3	36387.9	250.5	3.6
36840	17.0	100.2	36382.4	250.3	3.6
36900	16.9	100.2	36376.9	250.1	3.6
36960	16.7	100.1	36371.5	249.9	3.6
37020	16.5	100.1	36366.1	249.7	3.5
37080	16.4	100.0	36360.7	249.5	3.5

37140	16.2	100.0	36355.4	249.3	3.5
37200	16.1	99.9	36350.1	249.1	3.5
37260	15.9	99.9	36344.8	248.8	3.5
37320	15.8	99.8	36339.6	248.6	3.4
37380	15.6	99.8	36334.4	248.4	3.4
37440	15.4	99.7	36329.3	248.1	3.4
37500	15.3	99.7	36324.2	247.9	3.4
37560	15.1	99.6	36319.1	247.7	3.4
37620	15.0	99.6	36314.1	247.4	3.3
37680	14.8	99.5	36309.1	247.2	3.3
37740	14.6	99.5	36304.2	246.9	3.3
37800	14.5	99.4	36299.3	246.7	3.3
37860	14.3	99.3	36294.4	246.4	3.3
37920	14.2	99.3	36289.6	246.1	3.2
37980	14.0	99.2	36284.8	245.8	3.2
38040	13.8	99.2	36280.1	245.6	3.2
38100	13.7	99.1	36275.4	245.3	3.2
38160	13.5	99.1	36270.8	245.0	3.2
38220	13.4	99.0	36266.2	244.7	3.1
38280	13.2	99.0	36261.6	244.4	3.1
38340	13.0	98.9	36257.1	244.1	3.1
38400	12.9	98.9	36252.6	243.8	3.1
38460	12.7	98.8	36248.2	243.5	3.1
38520	12.5	98.7	36243.8	243.1	3.0
38580	12.4	98.7	36239.5	242.8	3.0
38640	12.2	98.6	36235.2	242.5	3.0
38700	12.1	98.6	36231.0	242.1	3.0
38760	11.9	98.5	36226.8	241.8	3.0
38820	11.7	98.5	36222.7	241.4	3.0
38880	11.6	98.4	36218.6	241.1	2.9
38940	11.4	98.3	36214.6	240.7	2.9
39000	11.3	98.3	36210.6	240.3	2.9
39060	11.1	98.2	36206.7	239.9	2.9
39120	10.9	98.2	36202.8	239.6	2.9
39180	10.8	98.1	36199.0	239.2	2.8
39240	10.6	98.1	36195.2	238.8	2.8
39300	10.4	98.0	36191.5	238.4	2.8
39360	10.3	97.9	36187.8	237.9	2.8
39420	10.1	97.9	36184.2	237.5	2.8
39480	9.9	97.8	36180.6	237.1	2.7
39540	9.8	97.8	36177.1	236.7	2.7
39600	9.6	97.7	36173.7	236.2	2.7
39660	9.5	97.6	36170.3	235.8	2.7
39720	9.3	97.6	36166.9	235.3	2.7
39780	9.1	97.5	36163.6	234.8	2.7
39840	9.0	97.5	36160.4	234.4	2.6
39900	8.8	97.4	36157.2	233.9	2.6
39960	8.6	97.3	36154.1	233.4	2.6

40020	8.5	97.3	36151.1	232.9	2.6
40080	8.3	97.2	36148.1	232.4	2.6
40140	8.1	97.1	36145.1	231.9	2.6
40200	8.0	97.1	36142.2	231.4	2.5
40260	7.8	97.0	36139.4	230.8	2.5
40320	7.6	97.0	36136.6	230.3	2.5
40380	7.5	96.9	36133.9	229.8	2.5
40440	7.3	96.8	36131.3	229.2	2.5
40500	7.2	96.8	36128.7	228.7	2.5
40560	7.0	96.7	36126.2	228.1	2.5
40620	6.8	96.6	36123.7	227.5	2.4
40680	6.7	96.6	36121.3	226.9	2.4
40740	6.5	96.5	36118.9	226.3	2.4
40800	6.3	96.5	36116.7	225.7	2.4
40860	6.2	96.4	36114.4	225.1	2.4
40920	6.0	96.3	36112.3	224.5	2.4
40980	5.8	96.3	36110.2	223.9	2.4
41040	5.7	96.2	36108.1	223.2	2.3
41100	5.5	96.1	36106.2	222.6	2.3
41160	5.3	96.1	36104.3	221.9	2.3
41220	5.2	96.0	36102.4	221.3	2.3
41280	5.0	95.9	36100.6	220.6	2.3
41340	4.8	95.9	36098.9	219.9	2.3
41400	4.7	95.8	36097.2	219.2	2.3
41460	4.5	95.8	36095.7	218.5	2.3
41520	4.3	95.7	36094.1	217.8	2.3
41580	4.2	95.6	36092.7	217.1	2.2
41640	4.0	95.6	36091.3	216.4	2.2
41700	3.8	95.5	36089.9	215.7	2.2
41760	3.7	95.4	36088.7	215.0	2.2
41820	3.5	95.4	36087.5	214.2	2.2
41880	3.3	95.3	36086.3	213.5	2.2
41940	3.2	95.2	36085.3	212.7	2.2
42000	3.0	95.2	36084.3	212.0	2.2
42060	2.8	95.1	36083.3	211.2	2.2
42120	2.7	95.0	36082.5	210.4	2.2
42180	2.5	95.0	36081.7	209.7	2.2
42240	2.3	94.9	36080.9	208.9	2.2
42300	2.2	94.8	36080.3	208.1	2.1
42360	2.0	94.8	36079.7	207.3	2.1
42420	1.8	94.7	36079.2	206.5	2.1
42480	1.7	94.7	36078.7	205.7	2.1
42540	1.5	94.6	36078.3	204.9	2.1
42600	1.3	94.5	36078.0	204.1	2.1
42660	0.5	94.5	36077.7	203.3	2.1
42720	1.0	94.4	36077.5	202.5	2.1
42780	0.8	94.3	36077.4	201.6	2.1
42840	0.7	94.3	36077.4	200.8	2.1

42900	0.5	94.2	36077.4	200.0	2.1
42960	0.3	94.1	36077.5	199.2	2.1
43020	0.2	94.1	36077.6	198.4	2.1
43080	0.0	94.0	36077.8	197.5	2.1
43140	-0.2	93.9	36078.1	196.7	2.1
43200	-0.3	93.9	36078.5	195.9	2.1
43260	-0.5	93.8	36078.9	195.1	2.1
43320	-0.7	93.7	36079.4	194.2	2.1
43380	-0.8	93.7	36080.0	193.4	2.1
43440	-1.0	93.6	36080.6	192.6	2.1
43500	-1.2	93.5	36081.3	191.8	2.1
43560	-1.3	93.5	36082.1	190.9	2.1
43620	-1.5	93.4	36082.9	190.1	2.1
43680	-1.7	93.3	36083.9	189.3	2.1
43740	-1.8	93.3	36084.9	188.5	2.1
43800	-2.0	93.2	36085.9	187.7	2.1
43860	-2.2	93.1	36087.0	186.9	2.2
43920	-2.3	93.1	36088.2	186.1	2.2
43980	-2.5	93.0	36089.5	185.3	2.2
44040	-2.7	93.0	36090.8	184.5	2.2
44100	-2.8	92.9	36092.2	183.7	2.2
44160	-3.0	92.8	36093.7	182.9	2.2
44220	-3.2	92.8	36095.2	182.1	2.2
44280	-3.3	92.7	36096.9	181.4	2.2
44340	-3.5	92.6	36098.5	180.6	2.2
44400	-3.7	92.6	36100.3	179.8	2.2
44460	-3.8	92.5	36102.1	179.1	2.2
44520	-4.0	92.4	36104.0	178.3	2.2
44580	-4.2	92.4	36106.0	177.6	2.3
44640	-4.3	92.3	36108.0	176.9	2.3
44700	-4.5	92.2	36110.1	176.1	2.3
44760	-4.7	92.2	36112.3	175.4	2.3
44820	-4.8	92.1	36114.5	174.7	2.3
44880	-5.0	92.0	36116.8	174.0	2.3
44940	-5.2	92.0	36119.2	173.3	2.3
45000	-5.3	91.9	36121.6	172.6	2.3
45060	-5.5	91.9	36124.1	171.9	2.3
45120	-5.7	91.8	36126.7	171.2	2.4
45180	-5.8	91.7	36129.4	170.6	2.4
45240	-6.0	91.7	36132.1	169.9	2.4
45300	-6.1	91.6	36134.9	169.3	2.4
45360	-6.3	91.5	36137.7	168.6	2.4
45420	-6.5	91.5	36140.7	168.0	2.4
45480	-6.6	91.4	36143.6	167.3	2.4
45540	-6.8	91.3	36146.7	166.7	2.5
45600	-7.0	91.3	36149.8	166.1	2.5
45660	-7.1	91.2	36153.0	165.5	2.5
45720	-7.3	91.2	36156.3	164.9	2.5

45780	-7.5	91.1	36159.6	164.3	2.5
45840	-7.6	91.0	36163.0	163.7	2.5
45900	-7.8	91.0	36166.5	163.1	2.6
45960	-8.0	90.9	36170.0	162.6	2.6
46020	-8.1	90.8	36173.6	162.0	2.6
46080	-8.3	90.8	36177.3	161.4	2.6
46140	-8.5	90.7	36181.0	160.9	2.6
46200	-8.6	90.7	36184.8	160.3	2.6
46260	-8.8	90.6	36188.6	159.8	2.7
46320	-9.0	90.5	36192.6	159.3	2.7
46380	-9.1	90.5	36196.6	158.8	2.7
46440	-9.3	90.4	36200.6	158.3	2.7
46500	-9.4	90.4	36204.7	157.7	2.7
46560	-9.6	90.3	36208.9	157.2	2.8
46620	-9.8	90.2	36213.2	156.8	2.8
46680	-9.9	90.2	36217.5	156.3	2.8
46740	-10.1	90.1	36221.9	155.8	2.8
46800	-10.3	90.1	36226.3	155.3	2.8
46860	-10.4	90.0	36230.8	154.8	2.8
46920	-10.6	89.9	36235.4	154.4	2.9
46980	-10.8	89.9	36240.0	153.9	2.9
47040	-10.9	89.8	36244.7	153.5	2.9
47100	-11.1	89.8	36249.4	153.0	2.9
47160	-11.2	89.7	36254.2	152.6	2.9
47220	-11.4	89.7	36259.1	152.2	3.0
47280	-11.6	89.6	36264.0	151.7	3.0
47340	-11.7	89.5	36269.0	151.3	3.0
47400	-11.9	89.5	36274.1	150.9	3.0
47460	-12.1	89.4	36279.2	150.5	3.0
47520	-12.2	89.4	36284.4	150.1	3.1
47580	-12.4	89.3	36289.6	149.7	3.1
47640	-12.5	89.3	36294.9	149.3	3.1
47700	-12.7	89.2	36300.3	148.9	3.1
47760	-12.9	89.1	36305.7	148.5	3.2
47820	-13.0	89.1	36311.2	148.2	3.2
47880	-13.2	89.0	36316.7	147.8	3.2
47940	-13.3	89.0	36322.3	147.4	3.2
48000	-13.5	88.9	36327.9	147.1	3.2
48060	-13.7	88.9	36333.6	146.7	3.3
48120	-13.8	88.8	36339.4	146.4	3.3
48180	-14.0	88.8	36345.2	146.0	3.3
48240	-14.1	88.7	36351.1	145.7	3.3
48300	-14.3	88.6	36357.0	145.3	3.3
48360	-14.5	88.6	36363.0	145.0	3.4
48420	-14.6	88.5	36369.0	144.7	3.4
48480	-14.8	88.5	36375.1	144.3	3.4
48540	-14.9	88.4	36381.2	144.0	3.4
48600	-15.1	88.4	36387.4	143.7	3.5

48660	-15.3	88.3	36393.7	143.4	3.5
48720	-15.4	88.3	36400.0	143.0	3.5
48780	-15.6	88.2	36406.3	142.7	3.5
48840	-15.7	88.2	36412.7	142.4	3.5
48900	-15.9	88.1	36419.2	142.1	3.6
48960	-16.1	88.1	36425.7	141.8	3.6
49020	-16.2	88.0	36432.2	141.5	3.6
49080	-16.4	88.0	36438.8	141.2	3.6
49140	-16.5	87.9	36445.5	141.0	3.7
49200	-16.7	87.9	36452.2	140.7	3.7
49260	-16.8	87.8	36458.9	140.4	3.7
49320	-17.0	87.8	36465.7	140.1	3.7
49380	-17.2	87.7	36472.6	139.8	3.7
49440	-17.3	87.7	36479.5	139.6	3.8
49500	-17.5	87.6	36486.4	139.3	3.8
49560	-17.6	87.6	36493.4	139.0	3.8
49620	-17.8	87.5	36500.4	138.8	3.8
49680	-17.9	87.5	36507.5	138.5	3.8
49740	-18.1	87.5	36514.6	138.2	3.9
49800	-18.3	87.4	36521.8	138.0	3.9
49860	-18.4	87.4	36529.0	137.7	3.9
49920	-18.6	87.3	36536.2	137.5	3.9
49980	-18.7	87.3	36543.5	137.2	4.0
50040	-18.9	87.2	36550.9	137.0	4.0
50100	-19.0	87.2	36558.3	136.8	4.0
50160	-19.2	87.1	36565.7	136.5	4.0
50220	-19.3	87.1	36573.1	136.3	4.0
50280	-19.5	87.1	36580.6	136.0	4.1
50340	-19.6	87.0	36588.2	135.8	4.1
50400	-19.8	87.0	36595.7	135.6	4.1
50460	-19.9	86.9	36603.4	135.3	4.1
50520	-20.1	86.9	36611.0	135.1	4.2
50580	-20.3	86.9	36618.7	134.9	4.2
50640	-20.4	86.8	36626.4	134.7	4.2
50700	-20.6	86.8	36634.2	134.4	4.2
50760	-20.7	86.7	36642.0	134.2	4.2
50820	-20.9	86.7	36649.8	134.0	4.3
50880	-21.0	86.7	36657.7	133.8	4.3
50940	-21.2	86.6	36665.6	133.6	4.3
51000	-21.3	86.6	36673.5	133.4	4.3
51060	-21.5	86.5	36681.5	133.2	4.3
51120	-21.6	86.5	36689.5	132.9	4.4
51180	-21.8	86.5	36697.6	132.7	4.4
51240	-21.9	86.4	36705.6	132.5	4.4
51300	-22.1	86.4	36713.7	132.3	4.4
51360	-22.2	86.4	36721.8	132.1	4.4
51420	-22.4	86.3	36730.0	131.9	4.5
51480	-22.5	86.3	36738.2	131.7	4.5

51540	-22.7	86.3	36746.4	131.5	4.5
51600	-22.8	86.2	36754.6	131.3	4.5
51660	-22.9	86.2	36762.9	131.1	4.6
51720	-23.1	86.2	36771.2	130.9	4.6
51780	-23.2	86.1	36779.5	130.8	4.6
51840	-23.4	86.1	36787.9	130.6	4.6
51900	-23.5	86.1	36796.3	130.4	4.6
51960	-23.7	86.0	36804.7	130.2	4.7
52020	-23.8	86.0	36813.1	130.0	4.7
52080	-24.0	86.0	36821.5	129.8	4.7
52140	-24.1	86.0	36830.0	129.6	4.7
52200	-24.3	85.9	36838.5	129.5	4.7
52260	-24.4	85.9	36847.0	129.3	4.8
52320	-24.5	85.9	36855.5	129.1	4.8
52380	-24.7	85.9	36864.1	128.9	4.8
52440	-24.8	85.8	36872.6	128.7	4.8
52500	-25.0	85.8	36881.2	128.6	4.8
52560	-25.1	85.8	36889.8	128.4	4.9
52620	-25.3	85.8	36898.5	128.2	4.9
52680	-25.4	85.7	36907.1	128.0	4.9
52740	-25.5	85.7	36915.8	127.9	4.9
52800	-25.7	85.7	36924.4	127.7	4.9
52860	-25.8	85.7	36933.1	127.5	4.9
52920	-26.0	85.6	36941.8	127.3	5.0
52980	-26.1	85.6	36950.6	127.2	5.0
53040	-26.3	85.6	36959.3	127.0	5.0
53100	-26.4	85.6	36968.0	126.8	5.0
53160	-26.5	85.6	36976.8	126.7	5.0
53220	-26.7	85.5	36985.6	126.5	5.1
53280	-26.8	85.5	36994.4	126.4	5.1
53340	-26.9	85.5	37003.1	126.2	5.1
53400	-27.1	85.5	37012.0	126.0	5.1
53460	-27.2	85.5	37020.8	125.9	5.1
53520	-27.4	85.5	37029.6	125.7	5.2
53580	-27.5	85.4	37038.4	125.5	5.2
53640	-27.6	85.4	37047.2	125.4	5.2
53700	-27.8	85.4	37056.1	125.2	5.2
53760	-27.9	85.4	37064.9	125.1	5.2
53820	-28.0	85.4	37073.8	124.9	5.2
53880	-28.2	85.4	37082.6	124.8	5.3
53940	-28.3	85.4	37091.5	124.6	5.3
54000	-28.4	85.4	37100.4	124.4	5.3
54060	-28.6	85.3	37109.2	124.3	5.3
54120	-28.7	85.3	37118.1	124.1	5.3
54180	-28.8	85.3	37127.0	124.0	5.4
54240	-29.0	85.3	37135.8	123.8	5.4
54300	-29.1	85.3	37144.7	123.7	5.4
54360	-29.2	85.3	37153.6	123.5	5.4

54420	-29.4	85.3	37162.5	123.4	5.4
54480	-29.5	85.3	37171.3	123.2	5.4
54540	-29.6	85.3	37180.2	123.1	5.5
54600	-29.8	85.3	37189.1	122.9	5.5
54660	-29.9	85.3	37197.9	122.8	5.5
54720	-30.0	85.3	37206.8	122.6	5.5
54780	-30.1	85.3	37215.6	122.5	5.5
54840	-30.3	85.3	37224.5	122.3	5.5
54900	-30.4	85.3	37233.3	122.2	5.6
54960	-30.5	85.3	37242.2	122.0	5.6
55020	-30.6	85.3	37251.0	121.9	5.6
55080	-30.8	85.3	37259.8	121.8	5.6
55140	-30.9	85.3	37268.6	121.6	5.6
55200	-31.0	85.3	37277.4	121.5	5.6
55260	-31.1	85.3	37286.2	121.3	5.7
55320	-31.3	85.3	37295.0	121.2	5.7
55380	-31.4	85.3	37303.8	121.0	5.7
55440	-31.5	85.3	37312.5	120.9	5.7
55500	-31.6	85.3	37321.3	120.8	5.7
55560	-31.8	85.3	37330.0	120.6	5.7
55620	-31.9	85.3	37338.7	120.5	5.7
55680	-32.0	85.3	37347.4	120.3	5.8
55740	-32.1	85.3	37356.1	120.2	5.8
55800	-32.2	85.3	37364.8	120.1	5.8
55860	-32.4	85.3	37373.5	119.9	5.8
55920	-32.5	85.3	37382.1	119.8	5.8
55980	-32.6	85.3	37390.7	119.6	5.8
56040	-32.7	85.4	37399.3	119.5	5.9
56100	-32.8	85.4	37407.9	119.4	5.9
56160	-32.9	85.4	37416.5	119.2	5.9
56220	-33.1	85.4	37425.1	119.1	5.9
56280	-33.2	85.4	37433.6	118.9	5.9
56340	-33.3	85.4	37442.1	118.8	5.9
56400	-33.4	85.4	37450.6	118.7	5.9
56460	-33.5	85.5	37459.1	118.5	6.0
56520	-33.6	85.5	37467.5	118.4	6.0
56580	-33.7	85.5	37475.9	118.3	6.0
56640	-33.9	85.5	37484.3	118.1	6.0
56700	-34.0	85.5	37492.7	118.0	6.0
56760	-34.1	85.5	37501.1	117.9	6.0
56820	-34.2	85.6	37509.4	117.7	6.0
56880	-34.3	85.6	37517.7	117.6	6.0
56940	-34.4	85.6	37526.0	117.5	6.1
57000	-34.5	85.6	37534.2	117.3	6.1
57060	-34.6	85.7	37542.4	117.2	6.1
57120	-34.7	85.7	37550.6	117.1	6.1
57180	-34.8	85.7	37558.8	116.9	6.1
57240	-34.9	85.7	37566.9	116.8	6.1



57300	-35.0	85.8	37575.0	116.7	6.1
57360	-35.1	85.8	37583.1	116.5	6.2
57420	-35.3	85.8	37591.1	116.4	6.2
57480	-35.4	85.8	37599.1	116.3	6.2
57540	-35.5	85.9	37607.1	116.1	6.2
57600	-35.6	85.9	37615.0	116.0	6.2
57660	-35.7	85.9	37622.9	115.9	6.2
57720	-35.8	86.0	37630.8	115.8	6.2
57780	-35.9	86.0	37638.6	115.6	6.2
57840	-36.0	86.0	37646.4	115.5	6.2
57900	-36.1	86.1	37654.2	115.4	6.3
57960	-36.2	86.1	37661.9	115.2	6.3
58020	-36.3	86.1	37669.6	115.1	6.3
58080	-36.4	86.2	37677.3	115.0	6.3
58140	-36.4	86.2	37684.9	114.8	6.3
58200	-36.5	86.2	37692.5	114.7	6.3
58260	-36.6	86.3	37700.0	114.6	6.3
58320	-36.7	86.3	37707.5	114.5	6.3
58380	-36.8	86.3	37715.0	114.3	6.4
58440	-36.9	86.4	37722.4	114.2	6.4
58500	-37.0	86.4	37729.8	114.1	6.4
58560	-37.1	86.5	37737.1	113.9	6.4
58620	-37.2	86.5	37744.4	113.8	6.4
58680	-37.3	86.5	37751.6	113.7	6.4
58740	-37.4	86.6	37758.8	113.6	6.4
58800	-37.5	86.6	37766.0	113.4	6.4
58860	-37.5	86.7	37773.1	113.3	6.4
58920	-37.6	86.7	37780.2	113.2	6.4
58980	-37.7	86.8	37787.2	113.1	6.5
59040	-37.8	86.8	37794.2	112.9	6.5
59100	-37.9	86.9	37801.1	112.8	6.5
59160	-38.0	86.9	37808.0	112.7	6.5
59220	-38.1	87.0	37814.9	112.6	6.5
59280	-38.1	87.0	37821.7	112.4	6.5
59340	-38.2	87.1	37828.4	112.3	6.5
59400	-38.3	87.1	37835.1	112.2	6.5
59460	-38.4	87.2	37841.8	112.1	6.5
59520	-38.5	87.2	37848.4	111.9	6.5
59580	-38.5	87.3	37854.9	111.8	6.6
59640	-38.6	87.3	37861.4	111.7	6.6
59700	-38.7	87.4	37867.9	111.6	6.6
59760	-38.8	87.4	37874.2	111.4	6.6
59820	-38.8	87.5	37880.6	111.3	6.6
59880	-38.9	87.5	37886.9	111.2	6.6
59940	-39.0	87.6	37893.1	111.1	6.6
60000	-39.1	87.7	37899.3	110.9	6.6
60060	-39.1	87.7	37905.4	110.8	6.6
60120	-39.2	87.8	37911.5	110.7	6.6

60180	-39.3	87.8	37917.5	110.6	6.6
60240	-39.3	87.9	37923.5	110.4	6.7
60300	-39.4	88.0	37929.4	110.3	6.7
60360	-39.5	88.0	37935.3	110.2	6.7
60420	-39.6	88.1	37941.1	110.1	6.7
60480	-39.6	88.1	37946.8	109.9	6.7
60540	-39.7	88.2	37952.5	109.8	6.7
60600	-39.7	88.3	37958.1	109.7	6.7
60660	-39.8	88.3	37963.7	109.6	6.7
60720	-39.9	88.4	37969.2	109.5	6.7
60780	-39.9	88.5	37974.6	109.3	6.7
60840	-40.0	88.5	37980.0	109.2	6.7
60900	-40.1	88.6	37985.4	109.1	6.7
60960	-40.1	88.7	37990.6	109.0	6.7
61020	-40.2	88.7	37995.8	108.9	6.8
61080	-40.2	88.8	38001.0	108.7	6.8
61140	-40.3	88.9	38006.1	108.6	6.8
61200	-40.3	88.9	38011.1	108.5	6.8
61260	-40.4	89.0	38016.1	108.4	6.8
61320	-40.5	89.1	38021.0	108.2	6.8
61380	-40.5	89.1	38025.8	108.1	6.8
61440	-40.6	89.2	38030.6	108.0	6.8
61500	-40.6	89.3	38035.3	107.9	6.8
61560	-40.7	89.4	38040.0	107.8	6.8
61620	-40.7	89.4	38044.6	107.6	6.8
61680	-40.8	89.5	38049.1	107.5	6.8
61740	-40.8	89.6	38053.5	107.4	6.8
61800	-40.9	89.7	38057.9	107.3	6.8
61860	-40.9	89.7	38062.3	107.2	6.8
61920	-40.9	89.8	38066.5	107.0	6.9
61980	-41.0	89.9	38070.7	106.9	6.9
62040	-41.0	90.0	38074.9	106.8	6.9
62100	-41.1	90.0	38078.9	106.7	6.9
62160	-41.1	90.1	38082.9	106.6	6.9
62220	-41.2	90.2	38086.9	106.4	6.9
62280	-41.2	90.3	38090.7	106.3	6.9
62340	-41.2	90.3	38094.5	106.2	6.9
62400	-41.3	90.4	38098.2	106.1	6.9
62460	-41.3	90.5	38101.9	106.0	6.9
62520	-41.4	90.6	38105.5	105.9	6.9
62580	-41.4	90.7	38109.0	105.7	6.9
62640	-41.4	90.7	38112.5	105.6	6.9
62700	-41.5	90.8	38115.8	105.5	6.9
62760	-41.5	90.9	38119.2	105.4	6.9
62820	-41.5	91.0	38122.4	105.3	6.9
62880	-41.5	91.1	38125.6	105.1	6.9
62940	-41.6	91.1	38128.7	105.0	6.9
63000	-41.6	91.2	38131.7	104.9	7.0

63060	-41.6	91.3	38134.7	104.8	7.0
63120	-41.7	91.4	38137.6	104.7	7.0
63180	-41.7	91.5	38140.4	104.6	7.0
63240	-41.7	91.6	38143.1	104.4	7.0
63300	-41.7	91.6	38145.8	104.3	7.0
63360	-41.8	91.7	38148.4	104.2	7.0
63420	-41.8	91.8	38150.9	104.1	7.0
63480	-41.8	91.9	38153.4	104.0	7.0
63540	-41.8	92.0	38155.8	103.9	7.0
63600	-41.8	92.1	38158.1	103.8	7.0
63660	-41.9	92.2	38160.3	103.6	7.0
63720	-41.9	92.2	38162.5	103.5	7.0
63780	-41.9	92.3	38164.6	103.4	7.0
63840	-41.9	92.4	38166.6	103.3	7.0
63900	-41.9	92.5	38168.6	103.2	7.0
63960	-41.9	92.6	38170.4	103.1	7.0
64020	-41.9	92.7	38172.2	102.9	7.0
64080	-41.9	92.7	38174.0	102.8	7.0
64140	-42.0	92.8	38175.6	102.7	7.0
64200	-42.0	92.9	38177.2	102.6	7.0
64260	-42.0	93.0	38178.7	102.5	7.0
64320	-42.0	93.1	38180.1	102.4	7.0
64380	-42.0	93.2	38181.5	102.3	7.0
64440	-42.0	93.3	38182.8	102.2	7.0
64500	-42.0	93.4	38184.0	102.0	7.0
64560	-42.0	93.4	38185.1	101.9	7.0
64620	-42.0	93.5	38186.1	101.8	7.0
64680	-42.0	93.6	38187.1	101.7	7.0
64740	-42.0	93.7	38188.0	101.6	7.0
64800	-42.0	93.8	38188.8	101.5	7.1
64860	-42.0	93.9	38189.6	101.4	7.1
64920	-42.0	94.0	38190.3	101.3	7.1
64980	-42.0	94.0	38190.9	101.1	7.1
65040	-42.0	94.1	38191.4	101.0	7.1
65100	-42.0	94.2	38191.8	100.9	7.1
65160	-42.0	94.3	38192.2	100.8	7.1
65220	-42.0	94.4	38192.5	100.7	7.1
65280	-42.0	94.5	38192.7	100.6	7.1
65340	-41.9	94.6	38192.9	100.5	7.1
65400	-41.9	94.7	38192.9	100.4	7.1
65460	-41.9	94.7	38192.9	100.3	7.1
65520	-41.9	94.8	38192.8	100.2	7.1
65580	-41.9	94.9	38192.7	100.0	7.1
65640	-41.9	95.0	38192.4	99.9	7.1
65700	-41.9	95.1	38192.1	99.8	7.1
65760	-41.8	95.2	38191.7	99.7	7.1
65820	-41.8	95.2	38191.3	99.6	7.1
65880	-41.8	95.3	38190.7	99.5	7.1

65940	-41.8	95.4	38190.1	99.4	7.1
66000	-41.8	95.5	38189.4	99.3	7.1
66060	-41.7	95.6	38188.6	99.2	7.1
66120	-41.7	95.7	38187.8	99.1	7.1
66180	-41.7	95.8	38186.8	99.0	7.1
66240	-41.7	95.8	38185.8	98.9	7.1
66300	-41.7	95.9	38184.8	98.8	7.1
66360	-41.6	96.0	38183.6	98.7	7.1
66420	-41.6	96.1	38182.4	98.5	7.1
66480	-41.6	96.2	38181.1	98.4	7.1
66540	-41.5	96.3	38179.7	98.3	7.1
66600	-41.5	96.3	38178.2	98.2	7.1
66660	-41.5	96.4	38176.7	98.1	7.1
66720	-41.4	96.5	38175.1	98.0	7.1
66780	-41.4	96.6	38173.4	97.9	7.1
66840	-41.4	96.7	38171.6	97.8	7.1
66900	-41.3	96.7	38169.8	97.7	7.1
66960	-41.3	96.8	38167.9	97.6	7.1
67020	-41.3	96.9	38165.9	97.5	7.1
67080	-41.2	97.0	38163.8	97.4	7.1
67140	-41.2	97.1	38161.7	97.3	7.1
67200	-41.2	97.1	38159.4	97.2	7.1
67260	-41.1	97.2	38157.1	97.1	7.1
67320	-41.1	97.3	38154.8	97.0	7.1
67380	-41.0	97.4	38152.3	96.9	7.1
67440	-41.0	97.4	38149.8	96.8	7.1
67500	-40.9	97.5	38147.2	96.7	7.1
67560	-40.9	97.6	38144.6	96.6	7.1
67620	-40.8	97.7	38141.8	96.5	7.1
67680	-40.8	97.7	38139.0	96.4	7.1
67740	-40.8	97.8	38136.1	96.3	7.1
67800	-40.7	97.9	38133.1	96.2	7.1
67860	-40.7	98.0	38130.1	96.1	7.1
67920	-40.6	98.0	38127.0	96.0	7.1
67980	-40.6	98.1	38123.8	95.9	7.1
68040	-40.5	98.2	38120.5	95.8	7.1
68100	-40.4	98.3	38117.2	95.7	7.0
68160	-40.4	98.3	38113.8	95.6	7.0
68220	-40.3	98.4	38110.3	95.5	7.0
68280	-40.3	98.5	38106.8	95.4	7.0
68340	-40.2	98.5	38103.1	95.3	7.0
68400	-40.2	98.6	38099.4	95.2	7.0
68460	-40.1	98.7	38095.7	95.1	7.0
68520	-40.0	98.7	38091.8	95.0	7.0
68580	-40.0	98.8	38087.9	94.9	7.0
68640	-39.9	98.9	38083.9	94.9	7.0
68700	-39.9	98.9	38079.9	94.8	7.0
68760	-39.8	99.0	38075.8	94.7	7.0

68820	-39.7	99.1	38071.6	94.6	7.0
68880	-39.7	99.1	38067.3	94.5	7.0
68940	-39.6	99.2	38063.0	94.4	7.0
69000	-39.5	99.3	38058.6	94.3	7.0
69060	-39.5	99.3	38054.1	94.2	7.0
69120	-39.4	99.4	38049.5	94.1	7.0
69180	-39.3	99.5	38044.9	94.0	7.0
69240	-39.3	99.5	38040.2	93.9	7.0
69300	-39.2	99.6	38035.5	93.8	7.0
69360	-39.1	99.6	38030.7	93.7	7.0
69420	-39.0	99.7	38025.8	93.7	7.0
69480	-39.0	99.8	38020.8	93.6	7.0
69540	-38.9	99.8	38015.8	93.5	7.0
69600	-38.8	99.9	38010.7	93.4	7.0
69660	-38.7	99.9	38005.5	93.3	7.0
69720	-38.7	100.0	38000.3	93.2	7.0
69780	-38.6	100.0	37995.0	93.1	6.9
69840	-38.5	100.1	37989.7	93.0	6.9
69900	-38.4	100.1	37984.2	93.0	6.9
69960	-38.4	100.2	37978.8	92.9	6.9
70020	-38.3	100.3	37973.2	92.8	6.9
70080	-38.2	100.3	37967.6	92.7	6.9
70140	-38.1	100.4	37961.9	92.6	6.9
70200	-38.0	100.4	37956.2	92.5	6.9
70260	-37.9	100.5	37950.3	92.5	6.9
70320	-37.9	100.5	37944.5	92.4	6.9
70380	-37.8	100.6	37938.5	92.3	6.9
70440	-37.7	100.6	37932.5	92.2	6.9
70500	-37.6	100.7	37926.5	92.1	6.9
70560	-37.5	100.7	37920.3	92.0	6.9
70620	-37.4	100.7	37914.2	92.0	6.9
70680	-37.3	100.8	37907.9	91.9	6.9
70740	-37.2	100.8	37901.6	91.8	6.9
70800	-37.2	100.9	37895.2	91.7	6.9
70860	-37.1	100.9	37888.8	91.6	6.8
70920	-37.0	101.0	37882.3	91.6	6.8
70980	-36.9	101.0	37875.8	91.5	6.8
71040	-36.8	101.0	37869.2	91.4	6.8
71100	-36.7	101.1	37862.5	91.3	6.8
71160	-36.6	101.1	37855.8	91.3	6.8
71220	-36.5	101.2	37849.0	91.2	6.8
71280	-36.4	101.2	37842.2	91.1	6.8
71340	-36.3	101.2	37835.3	91.0	6.8
71400	-36.2	101.3	37828.3	91.0	6.8
71460	-36.1	101.3	37821.3	90.9	6.8
71520	-36.0	101.3	37814.2	90.8	6.8
71580	-35.9	101.4	37807.1	90.7	6.8
71640	-35.8	101.4	37799.9	90.7	6.8

71700	-35.7	101.4	37792.7	90.6	6.7
71760	-35.6	101.5	37785.4	90.5	6.7
71820	-35.5	101.5	37778.1	90.4	6.7
71880	-35.4	101.5	37770.7	90.4	6.7
71940	-35.3	101.6	37763.3	90.3	6.7
72000	-35.2	101.6	37755.8	90.2	6.7
72060	-35.1	101.6	37748.2	90.2	6.7
72120	-35.0	101.7	37740.6	90.1	6.7
72180	-34.9	101.7	37733.0	90.0	6.7
72240	-34.8	101.7	37725.3	90.0	6.7
72300	-34.7	101.7	37717.6	89.9	6.7
72360	-34.6	101.8	37709.8	89.8	6.7
72420	-34.4	101.8	37701.9	89.8	6.6
72480	-34.3	101.8	37694.0	89.7	6.6
72540	-34.2	101.8	37686.1	89.6	6.6
72600	-34.1	101.9	37678.1	89.6	6.6
72660	-34.0	101.9	37670.1	89.5	6.6
72720	-33.9	101.9	37662.0	89.4	6.6
72780	-33.8	101.9	37653.9	89.4	6.6
72840	-33.7	101.9	37645.7	89.3	6.6
72900	-33.6	102.0	37637.5	89.3	6.6
72960	-33.4	102.0	37629.2	89.2	6.6
73020	-33.3	102.0	37620.9	89.1	6.6
73080	-33.2	102.0	37612.6	89.1	6.5
73140	-33.1	102.0	37604.2	89.0	6.5
73200	-33.0	102.0	37595.8	89.0	6.5
73260	-32.9	102.1	37587.3	88.9	6.5
73320	-32.7	102.1	37578.8	88.9	6.5
73380	-32.6	102.1	37570.3	88.8	6.5
73440	-32.5	102.1	37561.7	88.7	6.5
73500	-32.4	102.1	37553.0	88.7	6.5
73560	-32.3	102.1	37544.4	88.6	6.5
73620	-32.2	102.1	37535.7	88.6	6.4
73680	-32.0	102.1	37526.9	88.5	6.4
73740	-31.9	102.1	37518.1	88.5	6.4
73800	-31.8	102.2	37509.3	88.4	6.4
73860	-31.7	102.2	37500.5	88.4	6.4
73920	-31.5	102.2	37491.6	88.3	6.4
73980	-31.4	102.2	37482.6	88.3	6.4
74040	-31.3	102.2	37473.7	88.2	6.4
74100	-31.2	102.2	37464.7	88.2	6.4
74160	-31.0	102.2	37455.7	88.1	6.3
74220	-30.9	102.2	37446.6	88.1	6.3
74280	-30.8	102.2	37437.5	88.0	6.3
74340	-30.7	102.2	37428.4	88.0	6.3
74400	-30.5	102.2	37419.2	87.9	6.3
74460	-30.4	102.2	37410.1	87.9	6.3
74520	-30.3	102.2	37400.8	87.9	6.3

74580	-30.2	102.2	37391.6	87.8	6.3
74640	-30.0	102.2	37382.3	87.8	6.2
74700	-29.9	102.2	37373.0	87.7	6.2
74760	-29.8	102.2	37363.7	87.7	6.2
74820	-29.6	102.2	37354.4	87.6	6.2
74880	-29.5	102.2	37345.0	87.6	6.2
74940	-29.4	102.2	37335.6	87.6	6.2
75000	-29.2	102.2	37326.2	87.5	6.2
75060	-29.1	102.2	37316.7	87.5	6.1
75120	-29.0	102.2	37307.2	87.5	6.1
75180	-28.8	102.2	37297.7	87.4	6.1
75240	-28.7	102.2	37288.2	87.4	6.1
75300	-28.6	102.2	37278.7	87.4	6.1
75360	-28.4	102.1	37269.1	87.3	6.1
75420	-28.3	102.1	37259.5	87.3	6.1
75480	-28.2	102.1	37249.9	87.3	6.0
75540	-28.0	102.1	37240.3	87.2	6.0
75600	-27.9	102.1	37230.7	87.2	6.0
75660	-27.8	102.1	37221.0	87.2	6.0
75720	-27.6	102.1	37211.3	87.1	6.0
75780	-27.5	102.1	37201.6	87.1	6.0
75840	-27.4	102.1	37191.9	87.1	6.0
75900	-27.2	102.0	37182.2	87.1	5.9
75960	-27.1	102.0	37172.4	87.0	5.9
76020	-26.9	102.0	37162.7	87.0	5.9
76080	-26.8	102.0	37152.9	87.0	5.9
76140	-26.7	102.0	37143.1	87.0	5.9
76200	-26.5	102.0	37133.4	86.9	5.9
76260	-26.4	101.9	37123.6	86.9	5.8
76320	-26.2	101.9	37113.7	86.9	5.8
76380	-26.1	101.9	37103.9	86.9	5.8
76440	-26.0	101.9	37094.1	86.9	5.8
76500	-25.8	101.9	37084.2	86.9	5.8
76560	-25.7	101.9	37074.4	86.8	5.8
76620	-25.5	101.8	37064.5	86.8	5.8
76680	-25.4	101.8	37054.7	86.8	5.7
76740	-25.2	101.8	37044.8	86.8	5.7
76800	-25.1	101.8	37034.9	86.8	5.7
76860	-25.0	101.7	37025.0	86.8	5.7
76920	-24.8	101.7	37015.1	86.8	5.7
76980	-24.7	101.7	37005.2	86.8	5.6
77040	-24.5	101.7	36995.3	86.7	5.6
77100	-24.4	101.6	36985.4	86.7	5.6
77160	-24.2	101.6	36975.5	86.7	5.6
77220	-24.1	101.6	36965.6	86.7	5.6
77280	-23.9	101.6	36955.7	86.7	5.6
77340	-23.8	101.5	36945.8	86.7	5.5
77400	-23.6	101.5	36935.9	86.7	5.5

77460	-23.5	101.5	36926.0	86.7	5.5
77520	-23.3	101.5	36916.1	86.7	5.5
77580	-23.2	101.4	36906.3	86.7	5.5
77640	-23.1	101.4	36896.4	86.7	5.5
77700	-22.9	101.4	36886.5	86.7	5.4
77760	-22.8	101.3	36876.6	86.7	5.4
77820	-22.6	101.3	36866.7	86.7	5.4
77880	-22.5	101.3	36856.9	86.7	5.4
77940	-22.3	101.2	36847.0	86.8	5.4
78000	-22.2	101.2	36837.1	86.8	5.3
78060	-22.0	101.2	36827.3	86.8	5.3
78120	-21.9	101.2	36817.4	86.8	5.3
78180	-21.7	101.1	36807.6	86.8	5.3
78240	-21.6	101.1	36797.8	86.8	5.3
78300	-21.4	101.0	36788.0	86.8	5.2
78360	-21.2	101.0	36778.2	86.8	5.2
78420	-21.1	101.0	36768.4	86.9	5.2
78480	-20.9	100.9	36758.6	86.9	5.2
78540	-20.8	100.9	36748.9	86.9	5.2
78600	-20.6	100.9	36739.1	86.9	5.1
78660	-20.5	100.8	36729.4	86.9	5.1
78720	-20.3	100.8	36719.7	87.0	5.1
78780	-20.2	100.8	36710.0	87.0	5.1
78840	-20.0	100.7	36700.3	87.0	5.1
78900	-19.9	100.7	36690.6	87.1	5.0
78960	-19.7	100.6	36681.0	87.1	5.0
79020	-19.6	100.6	36671.4	87.1	5.0
79080	-19.4	100.6	36661.8	87.1	5.0
79140	-19.2	100.5	36652.2	87.2	5.0
79200	-19.1	100.5	36642.6	87.2	4.9
79260	-18.9	100.4	36633.1	87.3	4.9
79320	-18.8	100.4	36623.5	87.3	4.9
79380	-18.6	100.4	36614.0	87.3	4.9
79440	-18.5	100.3	36604.5	87.4	4.8
79500	-18.3	100.3	36595.1	87.4	4.8
79560	-18.2	100.2	36585.7	87.5	4.8
79620	-18.0	100.2	36576.3	87.5	4.8
79680	-17.8	100.1	36566.9	87.6	4.8
79740	-17.7	100.1	36557.5	87.6	4.7
79800	-17.5	100.1	36548.2	87.7	4.7
79860	-17.4	100.0	36538.9	87.7	4.7
79920	-17.2	100.0	36529.6	87.8	4.7
79980	-17.0	99.9	36520.4	87.8	4.7
80040	-16.9	99.9	36511.2	87.9	4.6
80100	-16.7	99.8	36502.0	88.0	4.6
80160	-16.6	99.8	36492.8	88.0	4.6
80220	-16.4	99.7	36483.7	88.1	4.6
80280	-16.3	99.7	36474.6	88.1	4.5

80340	-16.1	99.6	36465.5	88.2	4.5
80400	-15.9	99.6	36456.5	88.3	4.5
80460	-15.8	99.5	36447.5	88.4	4.5
80520	-15.6	99.5	36438.6	88.4	4.4
80580	-15.5	99.4	36429.6	88.5	4.4
80640	-15.3	99.4	36420.8	88.6	4.4
80700	-15.1	99.3	36411.9	88.7	4.4
80760	-15.0	99.3	36403.1	88.8	4.4
80820	-14.8	99.2	36394.3	88.8	4.3
80880	-14.6	99.2	36385.6	88.9	4.3
80940	-14.5	99.1	36376.9	89.0	4.3
81000	-14.3	99.1	36368.2	89.1	4.3
81060	-14.2	99.0	36359.6	89.2	4.2
81120	-14.0	99.0	36351.0	89.3	4.2
81180	-13.8	98.9	36342.5	89.4	4.2
81240	-13.7	98.9	36334.0	89.5	4.2
81300	-13.5	98.8	36325.5	89.6	4.1
81360	-13.4	98.8	36317.1	89.7	4.1
81420	-13.2	98.7	36308.7	89.8	4.1
81480	-13.0	98.7	36300.4	89.9	4.1
81540	-12.9	98.6	36292.1	90.0	4.0
81600	-12.7	98.6	36283.9	90.2	4.0
81660	-12.5	98.5	36275.7	90.3	4.0
81720	-12.4	98.5	36267.5	90.4	4.0
81780	-12.2	98.4	36259.4	90.5	3.9
81840	-12.0	98.3	36251.4	90.6	3.9
81900	-11.9	98.3	36243.4	90.8	3.9
81960	-11.7	98.2	36235.4	90.9	3.9
82020	-11.6	98.2	36227.5	91.1	3.8
82080	-11.4	98.1	36219.6	91.2	3.8
82140	-11.2	98.1	36211.8	91.3	3.8
82200	-11.1	98.0	36204.1	91.5	3.8
82260	-10.9	98.0	36196.4	91.6	3.7
82320	-10.7	97.9	36188.7	91.8	3.7
82380	-10.6	97.8	36181.1	91.9	3.7
82440	-10.4	97.8	36173.5	92.1	3.7
82500	-10.2	97.7	36166.0	92.3	3.6
82560	-10.1	97.7	36158.6	92.4	3.6
82620	-9.9	97.6	36151.2	92.6	3.6
82680	-9.7	97.6	36143.9	92.8	3.6
82740	-9.6	97.5	36136.6	93.0	3.5
82800	-9.4	97.4	36129.3	93.1	3.5
82860	-9.2	97.4	36122.2	93.3	3.5
82920	-9.1	97.3	36115.0	93.5	3.5
82980	-8.9	97.3	36108.0	93.7	3.4
83040	-8.7	97.2	36101.0	93.9	3.4
83100	-8.6	97.1	36094.0	94.1	3.4
83160	-8.4	97.1	36087.1	94.3	3.4

83220	-8.2	97.0	36080.3	94.5	3.3
83280	-8.1	97.0	36073.5	94.8	3.3
83340	-7.9	96.9	36066.8	95.0	3.3
83400	-7.7	96.9	36060.2	95.2	3.3
83460	-7.6	96.8	36053.6	95.4	3.2
83520	-7.4	96.7	36047.0	95.7	3.2
83580	-7.2	96.7	36040.6	95.9	3.2
83640	-7.1	96.6	36034.1	96.2	3.2
83700	-6.9	96.6	36027.8	96.4	3.1
83760	-6.7	96.5	36021.5	96.7	3.1
83820	-6.6	96.4	36015.3	96.9	3.1
83880	-6.4	96.4	36009.1	97.2	3.1
83940	-6.2	96.3	36003.0	97.5	3.0
84000	-6.1	96.2	35997.0	97.8	3.0
84060	-5.9	96.2	35991.0	98.1	3.0
84120	-5.7	96.1	35985.1	98.3	2.9
84180	-5.6	96.1	35979.3	98.7	2.9
84240	-5.4	96.0	35973.5	99.0	2.9
84300	-5.2	95.9	35967.8	99.3	2.9
84360	-5.1	95.9	35962.1	99.6	2.8
84420	-4.9	95.8	35956.6	99.9	2.8
84480	-4.7	95.8	35951.1	100.3	2.8
84540	-4.6	95.7	35945.6	100.6	2.8
84600	-4.4	95.6	35940.2	101.0	2.7
84660	-4.2	95.6	35934.9	101.3	2.7
84720	-4.1	95.5	35929.7	101.7	2.7
84780	-3.9	95.4	35924.5	102.1	2.7
84840	-3.7	95.4	35919.4	102.4	2.6
84900	-3.6	95.3	35914.4	102.8	2.6
84960	-3.4	95.3	35909.4	103.2	2.6
85020	-3.2	95.2	35904.5	103.6	2.6
85080	-3.0	95.1	35899.7	104.1	2.5
85140	-2.9	95.1	35894.9	104.5	2.5
85200	-2.7	95.0	35890.3	104.9	2.5
85260	-2.5	94.9	35885.7	105.4	2.5
85320	-2.4	94.9	35881.1	105.8	2.5
85380	-2.2	94.8	35876.6	106.3	2.4
85440	-2.0	94.8	35872.2	106.8	2.4
85500	-1.9	94.7	35867.9	107.3	2.4
85560	-1.7	94.6	35863.7	107.8	2.4
85620	-1.5	94.6	35859.5	108.3	2.3
85680	-1.4	94.5	35855.4	108.8	2.3
85740	-1.2	94.4	35851.3	109.3	2.3
85800	-1.0	94.4	35847.4	109.9	2.3
85860	-0.9	94.3	35843.5	110.5	2.2
85920	-0.7	94.2	35839.7	111.0	2.2
85980	-0.5	94.2	35835.9	111.6	2.2
86040	-0.3	94.1	35832.3	112.2	2.2

86100	-0.2	94.1	35828.7	112.8	2.2
86160	0.0	94.0	35825.1	113.5	2.1
86220	0.2	93.9	35821.7	114.1	2.1

86280	0.3	93.9	35818.3	114.7	2.1
86340	0.5	93.8	35815.0	115.4	2.1
86400	0.7	93.7	35811.8	116.1	2.0

TABLEAU / TABLE / CUADRO / 表 / ТАБЛИЦА / 4

Temps Time Тiempo 时间 Время وقت	Latitude Latitud Широта خط العرض	Longitude Longitud Долгота خط الطول	Distance Range Distancia 距离 Расстояние المسافة (km / км)	Alpha	Beta
0	0.0	119.8	37145.7	129.7	5.9
60	0.2	119.7	37139.1	130.0	5.9
120	0.3	119.6	37132.6	130.2	5.9
180	0.5	119.6	37126.1	130.4	5.9
240	0.7	119.5	37119.8	130.6	5.9
300	0.8	119.4	37113.4	130.9	5.9
360	1.0	119.4	37107.2	131.1	5.9
420	1.2	119.3	37101.0	131.3	5.9
480	1.3	119.2	37094.8	131.6	5.9
540	1.5	119.2	37088.7	131.8	5.8
600	1.7	119.1	37082.7	132.0	5.8
660	1.9	119.1	37076.8	132.3	5.8
720	2.0	119.0	37070.9	132.5	5.8
780	2.2	118.9	37065.0	132.8	5.8
840	2.4	118.9	37059.3	133.0	5.8
900	2.5	118.8	37053.6	133.2	5.8
960	2.7	118.7	37047.9	133.5	5.8
1020	2.9	118.7	37042.4	133.7	5.8
1080	3.0	118.6	37036.8	134.0	5.8
1140	3.2	118.6	37031.4	134.2	5.8
1200	3.4	118.5	37026.0	134.5	5.8
1260	3.5	118.4	37020.7	134.8	5.7
1320	3.7	118.4	37015.5	135.0	5.7
1380	3.9	118.3	37010.3	135.3	5.7
1440	4.0	118.2	37005.2	135.5	5.7
1500	4.2	118.2	37000.1	135.8	5.7
1560	4.4	118.1	36995.1	136.1	5.7
1620	4.6	118.1	36990.2	136.3	5.7
1680	4.7	118.0	36985.4	136.6	5.7
1740	4.9	117.9	36980.6	136.9	5.7
1800	5.1	117.9	36975.9	137.1	5.7
1860	5.2	117.8	36971.3	137.4	5.7
1920	5.4	117.7	36966.7	137.7	5.7
1980	5.6	117.7	36962.2	137.9	5.7
2040	5.7	117.6	36957.8	138.2	5.6
2100	5.9	117.6	36953.5	138.5	5.6
2160	6.1	117.5	36949.2	138.8	5.6
2220	6.2	117.4	36945.0	139.1	5.6
2280	6.4	117.4	36940.8	139.3	5.6

2340	6.6	117.3	36936.7	139.6	5.6
2400	6.7	117.3	36932.8	139.9	5.6
2460	6.9	117.2	36928.8	140.2	5.6
2520	7.1	117.1	36925.0	140.5	5.6
2580	7.2	117.1	36921.2	140.8	5.6
2640	7.4	117.0	36917.5	141.1	5.6
2700	7.6	117.0	36913.8	141.4	5.6
2760	7.7	116.9	36910.3	141.7	5.6
2820	7.9	116.8	36906.8	142.0	5.6
2880	8.1	116.8	36903.4	142.2	5.6
2940	8.2	116.7	36900.0	142.5	5.6
3000	8.4	116.7	36896.8	142.8	5.5
3060	8.6	116.6	36893.6	143.1	5.5
3120	8.7	116.5	36890.4	143.4	5.5
3180	8.9	116.5	36887.4	143.7	5.5
3240	9.1	116.4	36884.4	144.0	5.5
3300	9.2	116.4	36881.5	144.4	5.5
3360	9.4	116.3	36878.7	144.7	5.5
3420	9.6	116.2	36876.0	145.0	5.5
3480	9.7	116.2	36873.3	145.3	5.5
3540	9.9	116.1	36870.7	145.6	5.5
3600	10.1	116.1	36868.2	145.9	5.5
3660	10.2	116.0	36865.7	146.2	5.5
3720	10.4	116.0	36863.3	146.5	5.5
3780	10.6	115.9	36861.0	146.8	5.5
3840	10.7	115.8	36858.8	147.1	5.5
3900	10.9	115.8	36856.7	147.4	5.5
3960	11.0	115.7	36854.6	147.8	5.5
4020	11.2	115.7	36852.6	148.1	5.5
4080	11.4	115.6	36850.7	148.4	5.5
4140	11.5	115.6	36848.8	148.7	5.5
4200	11.7	115.5	36847.1	149.0	5.5
4260	11.9	115.5	36845.4	149.4	5.5
4320	12.0	115.4	36843.8	149.7	5.5
4380	12.2	115.3	36842.2	150.0	5.5
4440	12.4	115.3	36840.8	150.3	5.5
4500	12.5	115.2	36839.4	150.6	5.5
4560	12.7	115.2	36838.1	151.0	5.5
4620	12.9	115.1	36836.9	151.3	5.5
4680	13.0	115.1	36835.7	151.6	5.5

4740	13.2	115.0	36834.6	151.9	5.5
4800	13.3	115.0	36833.6	152.2	5.5
4860	13.5	114.9	36832.7	152.6	5.5
4920	13.7	114.9	36831.9	152.9	5.5
4980	13.8	114.8	36831.1	153.2	5.5
5040	14.0	114.8	36830.4	153.5	5.5
5100	14.2	114.7	36829.8	153.9	5.5
5160	14.3	114.7	36829.2	154.2	5.5
5220	14.5	114.6	36828.8	154.5	5.5
5280	14.6	114.6	36828.4	154.9	5.5
5340	14.8	114.5	36828.1	155.2	5.5
5400	15.0	114.5	36827.8	155.5	5.5
5460	15.1	114.4	36827.7	155.8	5.5
5520	15.3	114.4	36827.6	156.2	5.5
5580	15.4	114.3	36827.6	156.5	5.5
5640	15.6	114.3	36827.6	156.8	5.5
5700	15.8	114.2	36827.8	157.1	5.5
5760	15.9	114.2	36828.0	157.5	5.5
5820	16.1	114.1	36828.3	157.8	5.5
5880	16.2	114.1	36828.7	158.1	5.5
5940	16.4	114.0	36829.1	158.5	5.5
6000	16.6	114.0	36829.6	158.8	5.5
6060	16.7	113.9	36830.2	159.1	5.5
6120	16.9	113.9	36830.9	159.4	5.5
6180	17.0	113.8	36831.7	159.8	5.5
6240	17.2	113.8	36832.5	160.1	5.5
6300	17.4	113.7	36833.4	160.4	5.5
6360	17.5	113.7	36834.3	160.8	5.5
6420	17.7	113.6	36835.4	161.1	5.5
6480	17.8	113.6	36836.5	161.4	5.5
6540	18.0	113.6	36837.7	161.7	5.5
6600	18.1	113.5	36839.0	162.1	5.5
6660	18.3	113.5	36840.3	162.4	5.5
6720	18.5	113.4	36841.7	162.7	5.5
6780	18.6	113.4	36843.2	163.0	5.5
6840	18.8	113.3	36844.8	163.4	5.5
6900	18.9	113.3	36846.4	163.7	5.5
6960	19.1	113.3	36848.1	164.0	5.5
7020	19.2	113.2	36849.9	164.3	5.5
7080	19.4	113.2	36851.7	164.7	5.5
7140	19.5	113.1	36853.7	165.0	5.5
7200	19.7	113.1	36855.7	165.3	5.5
7260	19.9	113.1	36857.7	165.6	5.6
7320	20.0	113.0	36859.9	165.9	5.6
7380	20.2	113.0	36862.1	166.3	5.6
7440	20.3	112.9	36864.4	166.6	5.6
7500	20.5	112.9	36866.7	166.9	5.6
7560	20.6	112.9	36869.1	167.2	5.6

7620	20.8	112.8	36871.6	167.5	5.6
7680	20.9	112.8	36874.2	167.8	5.6
7740	21.1	112.8	36876.8	168.2	5.6
7800	21.2	112.7	36879.5	168.5	5.6
7860	21.4	112.7	36882.3	168.8	5.6
7920	21.5	112.7	36885.1	169.1	5.6
7980	21.7	112.6	36888.0	169.4	5.6
8040	21.8	112.6	36891.0	169.7	5.6
8100	22.0	112.6	36894.0	170.0	5.6
8160	22.1	112.5	36897.1	170.4	5.6
8220	22.3	112.5	36900.3	170.7	5.6
8280	22.4	112.5	36903.6	171.0	5.7
8340	22.6	112.4	36906.9	171.3	5.7
8400	22.7	112.4	36910.2	171.6	5.7
8460	22.9	112.4	36913.7	171.9	5.7
8520	23.0	112.3	36917.2	172.2	5.7
8580	23.2	112.3	36920.8	172.5	5.7
8640	23.3	112.3	36924.4	172.8	5.7
8700	23.5	112.3	36928.1	173.1	5.7
8760	23.6	112.2	36931.9	173.4	5.7
8820	23.8	112.2	36935.7	173.7	5.7
8880	23.9	112.2	36939.6	174.0	5.7
8940	24.1	112.1	36943.5	174.3	5.7
9000	24.2	112.1	36947.5	174.6	5.7
9060	24.4	112.1	36951.6	174.9	5.8
9120	24.5	112.1	36955.8	175.2	5.8
9180	24.7	112.0	36960.0	175.5	5.8
9240	24.8	112.0	36964.2	175.8	5.8
9300	24.9	112.0	36968.5	176.1	5.8
9360	25.1	112.0	36972.9	176.4	5.8
9420	25.2	112.0	36977.4	176.7	5.8
9480	25.4	111.9	36981.9	177.0	5.8
9540	25.5	111.9	36986.4	177.3	5.8
9600	25.7	111.9	36991.0	177.5	5.8
9660	25.8	111.9	36995.7	177.8	5.8
9720	25.9	111.8	37000.5	178.1	5.9
9780	26.1	111.8	37005.2	178.4	5.9
9840	26.2	111.8	37010.1	178.7	5.9
9900	26.4	111.8	37015.0	179.0	5.9
9960	26.5	111.8	37020.0	179.2	5.9
10020	26.7	111.8	37025.0	179.5	5.9
10080	26.8	111.7	37030.0	179.8	5.9
10140	26.9	111.7	37035.2	180.1	5.9
10200	27.1	111.7	37040.3	180.4	5.9
10260	27.2	111.7	37045.6	180.6	5.9
10320	27.3	111.7	37050.9	180.9	5.9
10380	27.5	111.7	37056.2	181.2	6.0
10440	27.6	111.7	37061.6	181.5	6.0

10500	27.8	111.6	37067.0	181.7	6.0
10560	27.9	111.6	37072.5	182.0	6.0
10620	28.0	111.6	37078.0	182.3	6.0
10680	28.2	111.6	37083.6	182.5	6.0
10740	28.3	111.6	37089.3	182.8	6.0
10800	28.4	111.6	37095.0	183.1	6.0
10860	28.6	111.6	37100.7	183.3	6.0
10920	28.7	111.6	37106.5	183.6	6.0
10980	28.8	111.6	37112.3	183.9	6.1
11040	29.0	111.6	37118.2	184.1	6.1
11100	29.1	111.6	37124.1	184.4	6.1
11160	29.2	111.6	37130.1	184.6	6.1
11220	29.4	111.5	37136.1	184.9	6.1
11280	29.5	111.5	37142.2	185.2	6.1
11340	29.6	111.5	37148.3	185.4	6.1
11400	29.8	111.5	37154.4	185.7	6.1
11460	29.9	111.5	37160.6	185.9	6.1
11520	30.0	111.5	37166.8	186.2	6.1
11580	30.1	111.5	37173.1	186.4	6.2
11640	30.3	111.5	37179.4	186.7	6.2
11700	30.4	111.5	37185.8	186.9	6.2
11760	30.5	111.5	37192.2	187.2	6.2
11820	30.7	111.5	37198.6	187.4	6.2
11880	30.8	111.5	37205.1	187.7	6.2
11940	30.9	111.5	37211.6	187.9	6.2
12000	31.0	111.5	37218.2	188.2	6.2
12060	31.2	111.6	37224.8	188.4	6.2
12120	31.3	111.6	37231.4	188.7	6.3
12180	31.4	111.6	37238.1	188.9	6.3
12240	31.5	111.6	37244.8	189.1	6.3
12300	31.7	111.6	37251.5	189.4	6.3
12360	31.8	111.6	37258.3	189.6	6.3
12420	31.9	111.6	37265.1	189.8	6.3
12480	32.0	111.6	37272.0	190.1	6.3
12540	32.1	111.6	37278.8	190.3	6.3
12600	32.3	111.6	37285.7	190.5	6.3
12660	32.4	111.6	37292.7	190.8	6.4
12720	32.5	111.6	37299.7	191.0	6.4
12780	32.6	111.7	37306.7	191.2	6.4
12840	32.7	111.7	37313.7	191.5	6.4
12900	32.9	111.7	37320.7	191.7	6.4
12960	33.0	111.7	37327.8	191.9	6.4
13020	33.1	111.7	37335.0	192.2	6.4
13080	33.2	111.7	37342.1	192.4	6.4
13140	33.3	111.7	37349.3	192.6	6.4
13200	33.4	111.8	37356.5	192.8	6.5
13260	33.6	111.8	37363.7	193.0	6.5
13320	33.7	111.8	37371.0	193.3	6.5

13380	33.8	111.8	37378.2	193.5	6.5
13440	33.9	111.8	37385.5	193.7	6.5
13500	34.0	111.9	37392.9	193.9	6.5
13560	34.1	111.9	37400.2	194.1	6.5
13620	34.2	111.9	37407.6	194.4	6.5
13680	34.3	111.9	37415.0	194.6	6.5
13740	34.4	112.0	37422.4	194.8	6.5
13800	34.6	112.0	37429.8	195.0	6.6
13860	34.7	112.0	37437.3	195.2	6.6
13920	34.8	112.0	37444.7	195.4	6.6
13980	34.9	112.1	37452.2	195.6	6.6
14040	35.0	112.1	37459.7	195.9	6.6
14100	35.1	112.1	37467.3	196.1	6.6
14160	35.2	112.1	37474.8	196.3	6.6
14220	35.3	112.2	37482.4	196.5	6.6
14280	35.4	112.2	37489.9	196.7	6.6
14340	35.5	112.2	37497.5	196.9	6.7
14400	35.6	112.3	37505.1	197.1	6.7
14460	35.7	112.3	37512.7	197.3	6.7
14520	35.8	112.3	37520.4	197.5	6.7
14580	35.9	112.4	37528.0	197.7	6.7
14640	36.0	112.4	37535.7	197.9	6.7
14700	36.1	112.4	37543.3	198.1	6.7
14760	36.2	112.5	37551.0	198.3	6.7
14820	36.3	112.5	37558.7	198.5	6.7
14880	36.4	112.5	37566.4	198.7	6.7
14940	36.5	112.6	37574.1	198.9	6.8
15000	36.6	112.6	37581.8	199.1	6.8
15060	36.7	112.7	37589.6	199.3	6.8
15120	36.8	112.7	37597.3	199.5	6.8
15180	36.9	112.7	37605.0	199.7	6.8
15240	37.0	112.8	37612.8	199.9	6.8
15300	37.1	112.8	37620.5	200.1	6.8
15360	37.1	112.9	37628.3	200.3	6.8
15420	37.2	112.9	37636.0	200.4	6.8
15480	37.3	112.9	37643.8	200.6	6.8
15540	37.4	113.0	37651.5	200.8	6.9
15600	37.5	113.0	37659.3	201.0	6.9
15660	37.6	113.1	37667.1	201.2	6.9
15720	37.7	113.1	37674.8	201.4	6.9
15780	37.8	113.2	37682.6	201.6	6.9
15840	37.9	113.2	37690.4	201.8	6.9
15900	37.9	113.3	37698.1	201.9	6.9
15960	38.0	113.3	37705.9	202.1	6.9
16020	38.1	113.4	37713.7	202.3	6.9
16080	38.2	113.4	37721.4	202.5	6.9
16140	38.3	113.5	37729.2	202.7	7.0
16200	38.3	113.5	37736.9	202.8	7.0



16260	38.4	113.6	37744.7	203.0	7.0
16320	38.5	113.6	37752.4	203.2	7.0
16380	38.6	113.7	37760.2	203.4	7.0
16440	38.7	113.8	37767.9	203.6	7.0
16500	38.7	113.8	37775.6	203.7	7.0
16560	38.8	113.9	37783.3	203.9	7.0
16620	38.9	113.9	37791.0	204.1	7.0
16680	39.0	114.0	37798.7	204.3	7.0
16740	39.0	114.0	37806.4	204.4	7.0
16800	39.1	114.1	37814.1	204.6	7.0
16860	39.2	114.2	37821.8	204.8	7.1
16920	39.3	114.2	37829.4	205.0	7.1
16980	39.3	114.3	37837.1	205.1	7.1
17040	39.4	114.3	37844.7	205.3	7.1
17100	39.5	114.4	37852.4	205.5	7.1
17160	39.5	114.5	37860.0	205.6	7.1
17220	39.6	114.5	37867.6	205.8	7.1
17280	39.7	114.6	37875.1	206.0	7.1
17340	39.7	114.7	37882.7	206.1	7.1
17400	39.8	114.7	37890.3	206.3	7.1
17460	39.9	114.8	37897.8	206.5	7.1
17520	39.9	114.9	37905.3	206.6	7.2
17580	40.0	114.9	37912.8	206.8	7.2
17640	40.0	115.0	37920.3	207.0	7.2
17700	40.1	115.1	37927.8	207.1	7.2
17760	40.2	115.1	37935.2	207.3	7.2
17820	40.2	115.2	37942.6	207.5	7.2
17880	40.3	115.3	37950.0	207.6	7.2
17940	40.3	115.3	37957.4	207.8	7.2
18000	40.4	115.4	37964.8	207.9	7.2
18060	40.4	115.5	37972.1	208.1	7.2
18120	40.5	115.5	37979.4	208.3	7.2
18180	40.5	115.6	37986.7	208.4	7.2
18240	40.6	115.7	37994.0	208.6	7.2
18300	40.6	115.8	38001.3	208.7	7.3
18360	40.7	115.8	38008.5	208.9	7.3
18420	40.7	115.9	38015.7	209.1	7.3
18480	40.8	116.0	38022.9	209.2	7.3
18540	40.8	116.1	38030.0	209.4	7.3
18600	40.9	116.1	38037.1	209.5	7.3
18660	40.9	116.2	38044.2	209.7	7.3
18720	41.0	116.3	38051.3	209.8	7.3
18780	41.0	116.4	38058.3	210.0	7.3
18840	41.1	116.4	38065.3	210.1	7.3
18900	41.1	116.5	38072.3	210.3	7.3
18960	41.2	116.6	38079.3	210.4	7.3
19020	41.2	116.7	38086.2	210.6	7.3
19080	41.2	116.8	38093.1	210.7	7.3

19140	41.3	116.8	38099.9	210.9	7.3
19200	41.3	116.9	38106.8	211.0	7.4
19260	41.3	117.0	38113.6	211.2	7.4
19320	41.4	117.1	38120.3	211.3	7.4
19380	41.4	117.2	38127.1	211.5	7.4
19440	41.4	117.2	38133.8	211.6	7.4
19500	41.5	117.3	38140.4	211.8	7.4
19560	41.5	117.4	38147.0	211.9	7.4
19620	41.5	117.5	38153.6	212.1	7.4
19680	41.6	117.6	38160.2	212.2	7.4
19740	41.6	117.6	38166.7	212.4	7.4
19800	41.6	117.7	38173.2	212.5	7.4
19860	41.7	117.8	38179.7	212.6	7.4
19920	41.7	117.9	38186.1	212.8	7.4
19980	41.7	118.0	38192.4	212.9	7.4
20040	41.7	118.1	38198.8	213.1	7.4
20100	41.7	118.1	38205.1	213.2	7.4
20160	41.8	118.2	38211.3	213.4	7.4
20220	41.8	118.3	38217.5	213.5	7.5
20280	41.8	118.4	38223.7	213.6	7.5
20340	41.8	118.5	38229.9	213.8	7.5
20400	41.8	118.6	38236.0	213.9	7.5
20460	41.9	118.7	38242.0	214.1	7.5
20520	41.9	118.7	38248.0	214.2	7.5
20580	41.9	118.8	38254.0	214.3	7.5
20640	41.9	118.9	38259.9	214.5	7.5
20700	41.9	119.0	38265.8	214.6	7.5
20760	41.9	119.1	38271.6	214.7	7.5
20820	41.9	119.2	38277.4	214.9	7.5
20880	42.0	119.3	38283.2	215.0	7.5
20940	42.0	119.3	38288.9	215.1	7.5
21000	42.0	119.4	38294.6	215.3	7.5
21060	42.0	119.5	38300.2	215.4	7.5
21120	42.0	119.6	38305.8	215.5	7.5
21180	42.0	119.7	38311.3	215.7	7.5
21240	42.0	119.8	38316.8	215.8	7.5
21300	42.0	119.9	38322.2	215.9	7.5
21360	42.0	119.9	38327.6	216.1	7.5
21420	42.0	120.0	38332.9	216.2	7.5
21480	42.0	120.1	38338.2	216.3	7.6
21540	42.0	120.2	38343.5	216.5	7.6
21600	42.0	120.3	38348.7	216.6	7.6
21660	42.0	120.4	38353.8	216.7	7.6
21720	42.0	120.5	38358.9	216.8	7.6
21780	42.0	120.6	38364.0	217.0	7.6
21840	42.0	120.6	38369.0	217.1	7.6
21900	42.0	120.7	38373.9	217.2	7.6
21960	42.0	120.8	38378.8	217.4	7.6

22020	42.0	120.9	38383.7	217.5	7.6
22080	41.9	121.0	38388.4	217.6	7.6
22140	41.9	121.1	38393.2	217.7	7.6
22200	41.9	121.2	38397.9	217.9	7.6
22260	41.9	121.2	38402.5	218.0	7.6
22320	41.9	121.3	38407.1	218.1	7.6
22380	41.9	121.4	38411.6	218.2	7.6
22440	41.9	121.5	38416.1	218.4	7.6
22500	41.9	121.6	38420.5	218.5	7.6
22560	41.8	121.7	38424.9	218.6	7.6
22620	41.8	121.8	38429.2	218.7	7.6
22680	41.8	121.8	38433.5	218.8	7.6
22740	41.8	121.9	38437.7	219.0	7.6
22800	41.8	122.0	38441.9	219.1	7.6
22860	41.7	122.1	38446.0	219.2	7.6
22920	41.7	122.2	38450.0	219.3	7.6
22980	41.7	122.3	38454.0	219.4	7.6
23040	41.7	122.3	38457.9	219.6	7.6
23100	41.6	122.4	38461.8	219.7	7.6
23160	41.6	122.5	38465.7	219.8	7.6
23220	41.6	122.6	38469.4	219.9	7.6
23280	41.5	122.7	38473.1	220.0	7.6
23340	41.5	122.8	38476.8	220.1	7.6
23400	41.5	122.8	38480.4	220.2	7.6
23460	41.5	122.9	38483.9	220.4	7.7
23520	41.4	123.0	38487.4	220.5	7.7
23580	41.4	123.1	38490.8	220.6	7.7
23640	41.4	123.2	38494.2	220.7	7.7
23700	41.3	123.2	38497.5	220.8	7.7
23760	41.3	123.3	38500.7	220.9	7.7
23820	41.2	123.4	38503.9	221.0	7.7
23880	41.2	123.5	38507.1	221.1	7.7
23940	41.2	123.5	38510.1	221.3	7.7
24000	41.1	123.6	38513.1	221.4	7.7
24060	41.1	123.7	38516.1	221.5	7.7
24120	41.0	123.8	38519.0	221.6	7.7
24180	41.0	123.9	38521.8	221.7	7.7
24240	41.0	123.9	38524.6	221.8	7.7
24300	40.9	124.0	38527.3	221.9	7.7
24360	40.9	124.1	38530.0	222.0	7.7
24420	40.8	124.2	38532.6	222.1	7.7
24480	40.8	124.2	38535.1	222.2	7.7
24540	40.7	124.3	38537.6	222.3	7.7
24600	40.7	124.4	38540.0	222.4	7.7
24660	40.6	124.4	38542.4	222.5	7.7
24720	40.6	124.5	38544.6	222.6	7.7
24780	40.5	124.6	38546.9	222.8	7.7
24840	40.5	124.7	38549.1	222.9	7.7

24900	40.4	124.7	38551.2	223.0	7.7
24960	40.4	124.8	38553.2	223.1	7.7
25020	40.3	124.9	38555.2	223.2	7.7
25080	40.2	124.9	38557.1	223.3	7.7
25140	40.2	125.0	38559.0	223.4	7.7
25200	40.1	125.1	38560.8	223.5	7.7
25260	40.1	125.1	38562.5	223.6	7.7
25320	40.0	125.2	38564.2	223.7	7.7
25380	39.9	125.3	38565.8	223.8	7.7
25440	39.9	125.3	38567.4	223.9	7.7
25500	39.8	125.4	38568.9	224.0	7.7
25560	39.8	125.5	38570.3	224.0	7.7
25620	39.7	125.5	38571.7	224.1	7.7
25680	39.6	125.6	38573.0	224.2	7.7
25740	39.6	125.7	38574.2	224.3	7.7
25800	39.5	125.7	38575.4	224.4	7.7
25860	39.4	125.8	38576.6	224.5	7.7
25920	39.4	125.8	38577.6	224.6	7.7
25980	39.3	125.9	38578.6	224.7	7.7
26040	39.2	126.0	38579.5	224.8	7.7
26100	39.1	126.0	38580.4	224.9	7.7
26160	39.1	126.1	38581.2	225.0	7.7
26220	39.0	126.1	38582.0	225.1	7.7
26280	38.9	126.2	38582.7	225.2	7.7
26340	38.8	126.2	38583.3	225.3	7.7
26400	38.8	126.3	38583.9	225.3	7.7
26460	38.7	126.4	38584.4	225.4	7.7
26520	38.6	126.4	38584.8	225.5	7.7
26580	38.5	126.5	38585.2	225.6	7.7
26640	38.5	126.5	38585.5	225.7	7.7
26700	38.4	126.6	38585.8	225.8	7.7
26760	38.3	126.6	38585.9	225.9	7.7
26820	38.2	126.7	38586.1	225.9	7.7
26880	38.1	126.7	38586.1	226.0	7.7
26940	38.1	126.8	38586.1	226.1	7.7
27000	38.0	126.8	38586.1	226.2	7.7
27060	37.9	126.9	38586.0	226.3	7.7
27120	37.8	126.9	38585.8	226.4	7.7
27180	37.7	127.0	38585.6	226.4	7.7
27240	37.6	127.0	38585.3	226.5	7.7
27300	37.6	127.1	38584.9	226.6	7.7
27360	37.5	127.1	38584.5	226.7	7.7
27420	37.4	127.1	38584.0	226.8	7.7
27480	37.3	127.2	38583.4	226.8	7.7
27540	37.2	127.2	38582.8	226.9	7.7
27600	37.1	127.3	38582.2	227.0	7.7
27660	37.0	127.3	38581.4	227.1	7.7
27720	36.9	127.4	38580.7	227.1	7.6

27780	36.8	127.4	38579.8	227.2	7.6
27840	36.7	127.4	38578.9	227.3	7.6
27900	36.6	127.5	38577.9	227.4	7.6
27960	36.6	127.5	38576.9	227.4	7.6
28020	36.5	127.5	38575.8	227.5	7.6
28080	36.4	127.6	38574.7	227.6	7.6
28140	36.3	127.6	38573.5	227.7	7.6
28200	36.2	127.7	38572.2	227.7	7.6
28260	36.1	127.7	38570.9	227.8	7.6
28320	36.0	127.7	38569.5	227.9	7.6
28380	35.9	127.8	38568.0	227.9	7.6
28440	35.8	127.8	38566.5	228.0	7.6
28500	35.7	127.8	38565.0	228.1	7.6
28560	35.6	127.8	38563.3	228.1	7.6
28620	35.5	127.9	38561.7	228.2	7.6
28680	35.4	127.9	38559.9	228.3	7.6
28740	35.3	127.9	38558.1	228.3	7.6
28800	35.2	128.0	38556.3	228.4	7.6
28860	35.1	128.0	38554.4	228.5	7.6
28920	34.9	128.0	38552.4	228.5	7.6
28980	34.8	128.0	38550.4	228.6	7.6
29040	34.7	128.1	38548.3	228.6	7.6
29100	34.6	128.1	38546.2	228.7	7.6
29160	34.5	128.1	38544.0	228.8	7.6
29220	34.4	128.1	38541.7	228.8	7.6
29280	34.3	128.2	38539.4	228.9	7.6
29340	34.2	128.2	38537.1	228.9	7.6
29400	34.1	128.2	38534.7	229.0	7.6
29460	34.0	128.2	38532.2	229.0	7.6
29520	33.9	128.2	38529.7	229.1	7.6
29580	33.7	128.3	38527.1	229.2	7.6
29640	33.6	128.3	38524.5	229.2	7.6
29700	33.5	128.3	38521.8	229.3	7.6
29760	33.4	128.3	38519.0	229.3	7.5
29820	33.3	128.3	38516.2	229.4	7.5
29880	33.2	128.3	38513.4	229.4	7.5
29940	33.1	128.3	38510.5	229.5	7.5
30000	33.0	128.4	38507.6	229.5	7.5
30060	32.8	128.4	38504.5	229.6	7.5
30120	32.7	128.4	38501.5	229.6	7.5
30180	32.6	128.4	38498.4	229.7	7.5
30240	32.5	128.4	38495.2	229.7	7.5
30300	32.4	128.4	38492.0	229.8	7.5
30360	32.2	128.4	38488.8	229.8	7.5
30420	32.1	128.4	38485.4	229.8	7.5
30480	32.0	128.4	38482.1	229.9	7.5
30540	31.9	128.4	38478.7	229.9	7.5
30600	31.8	128.5	38475.2	230.0	7.5

30660	31.6	128.5	38471.7	230.0	7.5
30720	31.5	128.5	38468.1	230.0	7.5
30780	31.4	128.5	38464.5	230.1	7.5
30840	31.3	128.5	38460.9	230.1	7.5
30900	31.2	128.5	38457.2	230.2	7.5
30960	31.0	128.5	38453.4	230.2	7.5
31020	30.9	128.5	38449.6	230.2	7.5
31080	30.8	128.5	38445.8	230.3	7.5
31140	30.7	128.5	38441.9	230.3	7.4
31200	30.5	128.5	38438.0	230.3	7.4
31260	30.4	128.5	38434.0	230.4	7.4
31320	30.3	128.5	38430.0	230.4	7.4
31380	30.1	128.5	38425.9	230.4	7.4
31440	30.0	128.5	38421.8	230.5	7.4
31500	29.9	128.5	38417.6	230.5	7.4
31560	29.8	128.5	38413.4	230.5	7.4
31620	29.6	128.5	38409.2	230.5	7.4
31680	29.5	128.5	38404.9	230.6	7.4
31740	29.4	128.4	38400.6	230.6	7.4
31800	29.2	128.4	38396.2	230.6	7.4
31860	29.1	128.4	38391.8	230.6	7.4
31920	29.0	128.4	38387.3	230.7	7.4
31980	28.8	128.4	38382.8	230.7	7.4
32040	28.7	128.4	38378.3	230.7	7.4
32100	28.6	128.4	38373.7	230.7	7.4
32160	28.4	128.4	38369.1	230.7	7.4
32220	28.3	128.4	38364.4	230.8	7.4
32280	28.2	128.4	38359.8	230.8	7.3
32340	28.0	128.4	38355.0	230.8	7.3
32400	27.9	128.3	38350.3	230.8	7.3
32460	27.8	128.3	38345.4	230.8	7.3
32520	27.6	128.3	38340.6	230.8	7.3
32580	27.5	128.3	38335.7	230.8	7.3
32640	27.4	128.3	38330.8	230.8	7.3
32700	27.2	128.3	38325.9	230.9	7.3
32760	27.1	128.3	38320.9	230.9	7.3
32820	27.0	128.2	38315.8	230.9	7.3
32880	26.8	128.2	38310.8	230.9	7.3
32940	26.7	128.2	38305.7	230.9	7.3
33000	26.5	128.2	38300.6	230.9	7.3
33060	26.4	128.2	38295.4	230.9	7.3
33120	26.3	128.1	38290.2	230.9	7.3
33180	26.1	128.1	38285.0	230.9	7.3
33240	26.0	128.1	38279.8	230.9	7.2
33300	25.8	128.1	38274.5	230.9	7.2
33360	25.7	128.1	38269.2	230.9	7.2
33420	25.6	128.0	38263.8	230.9	7.2
33480	25.4	128.0	38258.5	230.9	7.2

33540	25.3	128.0	38253.1	230.9	7.2
33600	25.1	128.0	38247.6	230.9	7.2
33660	25.0	127.9	38242.2	230.9	7.2
33720	24.8	127.9	38236.7	230.9	7.2
33780	24.7	127.9	38231.2	230.9	7.2
33840	24.6	127.9	38225.7	230.9	7.2
33900	24.4	127.8	38220.1	230.8	7.2
33960	24.3	127.8	38214.5	230.8	7.2
34020	24.1	127.8	38208.9	230.8	7.2
34080	24.0	127.8	38203.3	230.8	7.1
34140	23.8	127.7	38197.6	230.8	7.1
34200	23.7	127.7	38191.9	230.8	7.1
34260	23.5	127.7	38186.2	230.8	7.1
34320	23.4	127.6	38180.5	230.7	7.1
34380	23.3	127.6	38174.7	230.7	7.1
34440	23.1	127.6	38168.9	230.7	7.1
34500	23.0	127.5	38163.2	230.7	7.1
34560	22.8	127.5	38157.3	230.7	7.1
34620	22.7	127.5	38151.5	230.6	7.1
34680	22.5	127.4	38145.7	230.6	7.1
34740	22.4	127.4	38139.8	230.6	7.1
34800	22.2	127.4	38133.9	230.6	7.1
34860	22.1	127.3	38128.0	230.5	7.0
34920	21.9	127.3	38122.1	230.5	7.0
34980	21.8	127.3	38116.1	230.5	7.0
35040	21.6	127.2	38110.2	230.4	7.0
35100	21.5	127.2	38104.2	230.4	7.0
35160	21.3	127.2	38098.2	230.4	7.0
35220	21.2	127.1	38092.2	230.3	7.0
35280	21.0	127.1	38086.2	230.3	7.0
35340	20.9	127.0	38080.2	230.3	7.0
35400	20.7	127.0	38074.1	230.2	7.0
35460	20.6	127.0	38068.1	230.2	7.0
35520	20.4	126.9	38062.0	230.1	7.0
35580	20.3	126.9	38056.0	230.1	7.0
35640	20.1	126.8	38049.9	230.1	6.9
35700	20.0	126.8	38043.8	230.0	6.9
35760	19.8	126.8	38037.7	230.0	6.9
35820	19.6	126.7	38031.6	229.9	6.9
35880	19.5	126.7	38025.4	229.9	6.9
35940	19.3	126.6	38019.3	229.8	6.9
36000	19.2	126.6	38013.2	229.8	6.9
36060	19.0	126.6	38007.0	229.7	6.9
36120	18.9	126.5	38000.9	229.7	6.9
36180	18.7	126.5	37994.7	229.6	6.9
36240	18.6	126.4	37988.6	229.5	6.9
36300	18.4	126.4	37982.4	229.5	6.9
36360	18.3	126.3	37976.3	229.4	6.8

36420	18.1	126.3	37970.1	6.8	6.8
36480	18.0	126.2	37963.9	6.8	6.8
36540	17.8	126.2	37957.8	6.8	6.8
36600	17.6	126.1	37951.6	6.8	6.8
36660	17.5	126.1	37945.4	6.8	6.8
36720	17.3	126.1	37939.2	6.8	6.8
36780	17.2	126.0	37933.1	6.8	6.8
36840	17.0	126.0	37926.9	6.8	6.8
36900	16.9	125.9	37920.7	6.8	6.8
36960	16.7	125.9	37914.5	6.8	6.8
37020	16.5	125.8	37908.4	6.7	6.7
37080	16.4	125.8	37902.2	6.7	6.7
37140	16.2	125.7	37896.1	6.7	6.7
37200	16.1	125.7	37889.9	6.7	6.7
37260	15.9	125.6	37883.7	6.7	6.7
37320	15.8	125.6	37877.6	6.7	6.7
37380	15.6	125.5	37871.5	6.7	6.7
37440	15.4	125.5	37865.3	6.7	6.7
37500	15.3	125.4	37859.2	6.7	6.7
37560	15.1	125.4	37853.1	6.7	6.7
37620	15.0	125.3	37847.0	6.7	6.7
37680	14.8	125.3	37840.9	6.6	6.6
37740	14.6	125.2	37834.8	6.6	6.6
37800	14.5	125.1	37828.7	6.6	6.6
37860	14.3	125.1	37822.6	6.6	6.6
37920	14.2	125.0	37816.6	6.6	6.6
37980	14.0	125.0	37810.5	6.6	6.6
38040	13.8	124.9	37804.5	6.6	6.6
38100	13.7	124.9	37798.5	6.6	6.6
38160	13.5	124.8	37792.5	6.6	6.6
38220	13.4	124.8	37786.5	6.6	6.6
38280	13.2	124.7	37780.5	6.6	6.6
38340	13.0	124.7	37774.6	6.5	6.5
38400	12.9	124.6	37768.6	6.5	6.5
38460	12.7	124.5	37762.7	6.5	6.5
38520	12.5	124.5	37756.8	6.5	6.5
38580	12.4	124.4	37750.9	6.5	6.5
38640	12.2	124.4	37745.0	6.5	6.5
38700	12.1	124.3	37739.1	6.5	6.5
38760	11.9	124.3	37733.3	6.5	6.5
38820	11.7	124.2	37727.5	6.5	6.5
38880	11.6	124.2	37721.7	6.5	6.5
38940	11.4	124.1	37715.9	6.5	6.5
39000	11.3	124.0	37710.1	6.4	6.4
39060	11.1	124.0	37704.4	6.4	6.4
39120	10.9	123.9	37698.7	6.4	6.4
39180	10.8	123.9	37693.0	6.4	6.4
39240	10.6	123.8	37687.3	6.4	6.4

39300	10.4	123.7	37681.7	224.9	6.4
39360	10.3	123.7	37676.1	224.7	6.4
39420	10.1	123.6	37670.5	224.6	6.4
39480	9.9	123.6	37664.9	224.5	6.4
39540	9.8	123.5	37659.4	224.3	6.4
39600	9.6	123.4	37653.8	224.2	6.4
39660	9.5	123.4	37648.4	224.1	6.3
39720	9.3	123.3	37642.9	223.9	6.3
39780	9.1	123.3	37637.5	223.8	6.3
39840	9.0	123.2	37632.1	223.6	6.3
39900	8.8	123.1	37626.7	223.5	6.3
39960	8.6	123.1	37621.4	223.4	6.3
40020	8.5	123.0	37616.0	223.2	6.3
40080	8.3	123.0	37610.8	223.1	6.3
40140	8.1	122.9	37605.5	222.9	6.3
40200	8.0	122.8	37600.3	222.8	6.3
40260	7.8	122.8	37595.1	222.6	6.3
40320	7.6	122.7	37590.0	222.5	6.3
40380	7.5	122.6	37584.8	222.3	6.2
40440	7.3	122.6	37579.8	222.1	6.2
40500	7.2	122.5	37574.7	222.0	6.2
40560	7.0	122.5	37569.7	221.8	6.2
40620	6.8	122.4	37564.7	221.7	6.2
40680	6.7	122.3	37559.8	221.5	6.2
40740	6.5	122.3	37554.9	221.3	6.2
40800	6.3	122.2	37550.0	221.2	6.2
40860	6.2	122.1	37545.2	221.0	6.2
40920	6.0	122.1	37540.4	220.8	6.2
40980	5.8	122.0	37535.6	220.7	6.2
41040	5.7	122.0	37530.9	220.5	6.1
41100	5.5	121.9	37526.2	220.3	6.1
41160	5.3	121.8	37521.6	220.1	6.1
41220	5.2	121.8	37517.0	220.0	6.1
41280	5.0	121.7	37512.4	219.8	6.1
41340	4.8	121.6	37507.9	219.6	6.1
41400	4.7	121.6	37503.5	219.4	6.1
41460	4.5	121.5	37499.0	219.2	6.1
41520	4.3	121.4	37494.7	219.1	6.1
41580	4.2	121.4	37490.3	218.9	6.1
41640	4.0	121.3	37486.0	218.7	6.1
41700	3.8	121.2	37481.8	218.5	6.1
41760	3.7	121.2	37477.5	218.3	6.1
41820	3.5	121.1	37473.4	218.1	6.0
41880	3.3	121.1	37469.3	217.9	6.0
41940	3.2	121.0	37465.2	217.7	6.0
42000	3.0	120.9	37461.2	217.5	6.0
42060	2.8	120.9	37457.2	217.3	6.0
42120	2.7	120.8	37453.2	217.1	6.0

42180	2.5	120.7	37449.4	216.9	6.0
42240	2.3	120.7	37445.5	216.7	6.0
42300	2.2	120.6	37441.7	216.5	6.0
42360	2.0	120.5	37438.0	216.3	6.0
42420	1.8	120.5	37434.3	216.1	6.0
42480	1.7	120.4	37430.7	215.9	6.0
42540	1.5	120.3	37427.1	215.7	6.0
42600	1.3	120.3	37423.5	215.5	5.9
42660	1.2	120.2	37420.0	215.3	5.9
42720	1.0	120.1	37416.6	215.1	5.9
42780	0.8	120.1	37413.2	214.8	5.9
42840	0.7	120.0	37409.9	214.6	5.9
42900	0.5	119.9	37406.6	214.4	5.9
42960	0.3	119.9	37403.3	214.2	5.9
43020	0.2	119.8	37400.2	214.0	5.9
43080	0.0	119.7	37397.0	213.7	5.9
43140	-0.2	119.7	37394.0	213.5	5.9
43200	-0.3	119.6	37390.9	213.3	5.9
43260	-0.5	119.6	37388.0	213.1	5.9
43320	-0.7	119.5	37385.1	212.8	5.9
43380	-0.8	119.4	37382.2	212.6	5.9
43440	-1.0	119.4	37379.4	212.4	5.9
43500	-1.2	119.3	37376.7	212.1	5.9
43560	-1.3	119.2	37374.0	211.9	5.8
43620	-1.5	119.2	37371.4	211.7	5.8
43680	-1.7	119.1	37368.8	211.4	5.8
43740	-1.8	119.0	37366.3	211.2	5.8
43800	-2.0	119.0	37363.8	211.0	5.8
43860	-2.2	118.9	37361.4	210.7	5.8
43920	-2.3	118.8	37359.0	210.5	5.8
43980	-2.5	118.8	37356.8	210.2	5.8
44040	-2.7	118.7	37354.5	210.0	5.8
44100	-2.8	118.6	37352.4	209.8	5.8
44160	-3.0	118.6	37350.2	209.5	5.8
44220	-3.2	118.5	37348.2	209.3	5.8
44280	-3.3	118.4	37346.2	209.0	5.8
44340	-3.5	118.4	37344.3	208.8	5.8
44400	-3.7	118.3	37342.4	208.5	5.8
44460	-3.8	118.2	37340.6	208.3	5.8
44520	-4.0	118.2	37338.8	208.0	5.8
44580	-4.2	118.1	37337.1	207.8	5.8
44640	-4.3	118.1	37335.5	207.5	5.8
44700	-4.5	118.0	37333.9	207.3	5.8
44760	-4.7	117.9	37332.4	207.0	5.8
44820	-4.8	117.9	37331.0	206.7	5.7
44880	-5.0	117.8	37329.6	206.5	5.7
44940	-5.2	117.7	37328.3	206.2	5.7
45000	-5.3	117.7	37327.0	206.0	5.7

45060	-5.5	117.6	37325.8	205.7	5.7
45120	-5.7	117.5	37324.7	205.4	5.7
45180	-5.8	117.5	37323.6	205.2	5.7
45240	-6.0	117.4	37322.6	204.9	5.7
45300	-6.1	117.4	37321.6	204.6	5.7
45360	-6.3	117.3	37320.7	204.4	5.7
45420	-6.5	117.2	37319.9	204.1	5.7
45480	-6.6	117.2	37319.2	203.8	5.7
45540	-6.8	117.1	37318.5	203.6	5.7
45600	-7.0	117.0	37317.8	203.3	5.7
45660	-7.1	117.0	37317.3	203.0	5.7
45720	-7.3	116.9	37316.8	202.8	5.7
45780	-7.5	116.8	37316.3	202.5	5.7
45840	-7.6	116.8	37316.0	202.2	5.7
45900	-7.8	116.7	37315.7	201.9	5.7
45960	-8.0	116.7	37315.4	201.7	5.7
46020	-8.1	116.6	37315.2	201.4	5.7
46080	-8.3	116.5	37315.1	201.1	5.7
46140	-8.5	116.5	37315.1	200.8	5.7
46200	-8.6	116.4	37315.1	200.6	5.7
46260	-8.8	116.4	37315.2	200.3	5.7
46320	-9.0	116.3	37315.3	200.0	5.7
46380	-9.1	116.2	37315.5	199.7	5.7
46440	-9.3	116.2	37315.8	199.4	5.7
46500	-9.4	116.1	37316.1	199.2	5.7
46560	-9.6	116.1	37316.6	198.9	5.7
46620	-9.8	116.0	37317.0	198.6	5.7
46680	-9.9	115.9	37317.6	198.3	5.7
46740	-10.1	115.9	37318.2	198.0	5.7
46800	-10.3	115.8	37318.8	197.8	5.7
46860	-10.4	115.8	37319.6	197.5	5.7
46920	-10.6	115.7	37320.4	197.2	5.7
46980	-10.8	115.6	37321.2	196.9	5.7
47040	-10.9	115.6	37322.2	196.6	5.7
47100	-11.1	115.5	37323.2	196.3	5.7
47160	-11.2	115.5	37324.2	196.1	5.7
47220	-11.4	115.4	37325.4	195.8	5.7
47280	-11.6	115.3	37326.6	195.5	5.7
47340	-11.7	115.3	37327.8	195.2	5.7
47400	-11.9	115.2	37329.2	194.9	5.7
47460	-12.1	115.2	37330.6	194.6	5.7
47520	-12.2	115.1	37332.0	194.3	5.7
47580	-12.4	115.1	37333.5	194.1	5.7
47640	-12.5	115.0	37335.1	193.8	5.7
47700	-12.7	114.9	37336.8	193.5	5.7
47760	-12.9	114.9	37338.5	193.2	5.7
47820	-13.0	114.8	37340.3	192.9	5.7
47880	-13.2	114.8	37342.1	192.6	5.7

47940	-13.3	114.7	37344.1	192.3	5.7
48000	-13.5	114.7	37346.0	192.1	5.7
48060	-13.7	114.6	37348.1	191.8	5.7
48120	-13.8	114.6	37350.2	191.5	5.7
48180	-14.0	114.5	37352.4	191.2	5.7
48240	-14.1	114.5	37354.6	190.9	5.7
48300	-14.3	114.4	37356.9	190.6	5.7
48360	-14.5	114.3	37359.3	190.3	5.7
48420	-14.6	114.3	37361.8	190.0	5.7
48480	-14.8	114.2	37364.3	189.8	5.7
48540	-14.9	114.2	37366.8	189.5	5.7
48600	-15.1	114.1	37369.5	189.2	5.7
48660	-15.3	114.1	37372.1	188.9	5.7
48720	-15.4	114.0	37374.9	188.6	5.7
48780	-15.6	114.0	37377.7	188.3	5.7
48840	-15.7	113.9	37380.6	188.0	5.7
48900	-15.9	113.9	37383.6	187.7	5.8
48960	-16.1	113.8	37386.6	187.5	5.8
49020	-16.2	113.8	37389.7	187.2	5.8
49080	-16.4	113.7	37392.8	186.9	5.8
49140	-16.5	113.7	37396.0	186.6	5.8
49200	-16.7	113.6	37399.3	186.3	5.8
49260	-16.8	113.6	37402.6	186.0	5.8
49320	-17.0	113.5	37406.0	185.8	5.8
49380	-17.2	113.5	37409.4	185.5	5.8
49440	-17.3	113.4	37412.9	185.2	5.8
49500	-17.5	113.4	37416.5	184.9	5.8
49560	-17.6	113.3	37420.2	184.6	5.8
49620	-17.8	113.3	37423.8	184.3	5.8
49680	-17.9	113.3	37427.6	184.1	5.8
49740	-18.1	113.2	37431.4	183.8	5.8
49800	-18.3	113.2	37435.3	183.5	5.8
49860	-18.4	113.1	37439.2	183.2	5.8
49920	-18.6	113.1	37443.2	182.9	5.8
49980	-18.7	113.0	37447.3	182.6	5.8
50040	-18.9	113.0	37451.4	182.4	5.8
50100	-19.0	112.9	37455.6	182.1	5.9
50160	-19.2	112.9	37459.8	181.8	5.9
50220	-19.3	112.9	37464.1	181.5	5.9
50280	-19.5	112.8	37468.5	181.2	5.9
50340	-19.6	112.8	37472.9	181.0	5.9
50400	-19.8	112.7	37477.4	180.7	5.9
50460	-19.9	112.7	37481.9	180.4	5.9
50520	-20.1	112.6	37486.5	180.1	5.9
50580	-20.3	112.6	37491.1	179.9	5.9
50640	-20.4	112.6	37495.8	179.6	5.9
50700	-20.6	112.5	37500.6	179.3	5.9
50760	-20.7	112.5	37505.4	179.0	5.9

50820	-20.9	112.4	37510.3	178.8	5.9
50880	-21.0	112.4	37515.2	178.5	5.9
50940	-21.2	112.4	37520.2	178.2	5.9
51000	-21.3	112.3	37525.2	178.0	5.9
51060	-21.5	112.3	37530.3	177.7	6.0
51120	-21.6	112.3	37535.4	177.4	6.0
51180	-21.8	112.2	37540.6	177.1	6.0
51240	-21.9	112.2	37545.9	176.9	6.0
51300	-22.1	112.2	37551.2	176.6	6.0
51360	-22.2	112.1	37556.5	176.3	6.0
51420	-22.4	112.1	37561.9	176.1	6.0
51480	-22.5	112.1	37567.4	175.8	6.0
51540	-22.7	112.0	37572.9	175.5	6.0
51600	-22.8	112.0	37578.4	175.3	6.0
51660	-22.9	112.0	37584.0	175.0	6.0
51720	-23.1	111.9	37589.7	174.7	6.0
51780	-23.2	111.9	37595.4	174.5	6.0
51840	-23.4	111.9	37601.2	174.2	6.1
51900	-23.5	111.8	37607.0	174.0	6.1
51960	-23.7	111.8	37612.8	173.7	6.1
52020	-23.8	111.8	37618.7	173.4	6.1
52080	-24.0	111.7	37624.7	173.2	6.1
52140	-24.1	111.7	37630.7	172.9	6.1
52200	-24.3	111.7	37636.7	172.7	6.1
52260	-24.4	111.7	37642.8	172.4	6.1
52320	-24.5	111.6	37649.0	172.2	6.1
52380	-24.7	111.6	37655.2	171.9	6.1
52440	-24.8	111.6	37661.4	171.6	6.1
52500	-25.0	111.6	37667.7	171.4	6.1
52560	-25.1	111.5	37674.0	171.1	6.1
52620	-25.3	111.5	37680.4	170.9	6.2
52680	-25.4	111.5	37686.8	170.6	6.2
52740	-25.5	111.5	37693.2	170.4	6.2
52800	-25.7	111.4	37699.7	170.1	6.2
52860	-25.8	111.4	37706.3	169.9	6.2
52920	-26.0	111.4	37712.8	169.6	6.2
52980	-26.1	111.4	37719.5	169.4	6.2
53040	-26.3	111.3	37726.1	169.1	6.2
53100	-26.4	111.3	37732.8	168.9	6.2
53160	-26.5	111.3	37739.6	168.6	6.2
53220	-26.7	111.3	37746.3	168.4	6.2
53280	-26.8	111.3	37753.2	168.1	6.3
53340	-26.9	111.3	37760.0	167.9	6.3
53400	-27.1	111.2	37766.9	167.7	6.3
53460	-27.2	111.2	37773.8	167.4	6.3
53520	-27.4	111.2	37780.8	167.2	6.3
53580	-27.5	111.2	37787.8	166.9	6.3
53640	-27.6	111.2	37794.9	166.7	6.3

53700	-27.8	111.2	37801.9	166.5	6.3
53760	-27.9	111.1	37809.0	166.2	6.3
53820	-28.0	111.1	37816.2	166.0	6.3
53880	-28.2	111.1	37823.4	165.7	6.3
53940	-28.3	111.1	37830.6	165.5	6.4
54000	-28.4	111.1	37837.8	165.3	6.4
54060	-28.6	111.1	37845.1	165.0	6.4
54120	-28.7	111.1	37852.4	164.8	6.4
54180	-28.8	111.1	37859.7	164.6	6.4
54240	-29.0	111.1	37867.1	164.3	6.4
54300	-29.1	111.1	37874.5	164.1	6.4
54360	-29.2	111.0	37881.9	163.9	6.4
54420	-29.4	111.0	37889.4	163.6	6.4
54480	-29.5	111.0	37896.9	163.4	6.4
54540	-29.6	111.0	37904.4	163.2	6.4
54600	-29.8	111.0	37911.9	163.0	6.5
54660	-29.9	111.0	37919.5	162.7	6.5
54720	-30.0	111.0	37927.1	162.5	6.5
54780	-30.1	111.0	37934.7	162.3	6.5
54840	-30.3	111.0	37942.4	162.0	6.5
54900	-30.4	111.0	37950.1	161.8	6.5
54960	-30.5	111.0	37957.7	161.6	6.5
55020	-30.6	111.0	37965.5	161.4	6.5
55080	-30.8	111.0	37973.2	161.2	6.5
55140	-30.9	111.0	37981.0	160.9	6.5
55200	-31.0	111.0	37988.8	160.7	6.5
55260	-31.1	111.0	37996.6	160.5	6.6
55320	-31.3	111.0	38004.4	160.3	6.6
55380	-31.4	111.0	38012.2	160.1	6.6
55440	-31.5	111.0	38020.1	159.8	6.6
55500	-31.6	111.0	38028.0	159.6	6.6
55560	-31.8	111.0	38035.9	159.4	6.6
55620	-31.9	111.0	38043.8	159.2	6.6
55680	-32.0	111.0	38051.8	159.0	6.6
55740	-32.1	111.1	38059.7	158.8	6.6
55800	-32.2	111.1	38067.7	158.5	6.6
55860	-32.4	111.1	38075.7	158.3	6.6
55920	-32.5	111.1	38083.7	158.1	6.7
55980	-32.6	111.1	38091.7	157.9	6.7
56040	-32.7	111.1	38099.7	157.7	6.7
56100	-32.8	111.1	38107.8	157.5	6.7
56160	-32.9	111.1	38115.8	157.3	6.7
56220	-33.1	111.1	38123.9	157.1	6.7
56280	-33.2	111.2	38132.0	156.9	6.7
56340	-33.3	111.2	38140.1	156.6	6.7
56400	-33.4	111.2	38148.2	156.4	6.7
56460	-33.5	111.2	38156.3	156.2	6.7
56520	-33.6	111.2	38164.4	156.0	6.8

56580	-33.7	111.2	38172.5	155.8	6.8
56640	-33.9	111.3	38180.6	155.6	6.8
56700	-34.0	111.3	38188.8	155.4	6.8
56760	-34.1	111.3	38196.9	155.2	6.8
56820	-34.2	111.3	38205.1	155.0	6.8
56880	-34.3	111.3	38213.2	154.8	6.8
56940	-34.4	111.4	38221.4	154.6	6.8
57000	-34.5	111.4	38229.6	154.4	6.8
57060	-34.6	111.4	38237.7	154.2	6.8
57120	-34.7	111.4	38245.9	154.0	6.8
57180	-34.8	111.5	38254.1	153.8	6.8
57240	-34.9	111.5	38262.3	153.6	6.9
57300	-35.0	111.5	38270.4	153.4	6.9
57360	-35.1	111.5	38278.6	153.2	6.9
57420	-35.3	111.6	38286.8	153.0	6.9
57480	-35.4	111.6	38295.0	152.8	6.9
57540	-35.5	111.6	38303.2	152.6	6.9
57600	-35.6	111.6	38311.3	152.4	6.9
57660	-35.7	111.7	38319.5	152.2	6.9
57720	-35.8	111.7	38327.7	152.0	6.9
57780	-35.9	111.7	38335.8	151.8	6.9
57840	-36.0	111.8	38344.0	151.7	6.9
57900	-36.1	111.8	38352.2	151.5	7.0
57960	-36.2	111.8	38360.3	151.3	7.0
58020	-36.3	111.9	38368.5	151.1	7.0
58080	-36.4	111.9	38376.6	150.9	7.0
58140	-36.4	111.9	38384.7	150.7	7.0
58200	-36.5	112.0	38392.8	150.5	7.0
58260	-36.6	112.0	38401.0	150.3	7.0
58320	-36.7	112.1	38409.1	150.1	7.0
58380	-36.8	112.1	38417.2	149.9	7.0
58440	-36.9	112.1	38425.2	149.8	7.0
58500	-37.0	112.2	38433.3	149.6	7.0
58560	-37.1	112.2	38441.4	149.4	7.0
58620	-37.2	112.3	38449.4	149.2	7.1
58680	-37.3	112.3	38457.5	149.0	7.1
58740	-37.4	112.3	38465.5	148.8	7.1
58800	-37.5	112.4	38473.5	148.6	7.1
58860	-37.5	112.4	38481.5	148.5	7.1
58920	-37.6	112.5	38489.5	148.3	7.1
58980	-37.7	112.5	38497.4	148.1	7.1
59040	-37.8	112.6	38505.4	147.9	7.1
59100	-37.9	112.6	38513.3	147.7	7.1
59160	-38.0	112.7	38521.2	147.5	7.1
59220	-38.1	112.7	38529.1	147.4	7.1
59280	-38.1	112.8	38537.0	147.2	7.1
59340	-38.2	112.8	38544.9	147.0	7.1
59400	-38.3	112.9	38552.7	146.8	7.2

59460	-38.4	112.9	38560.5	146.7	7.2
59520	-38.5	113.0	38568.3	146.5	7.2
59580	-38.5	113.0	38576.1	146.3	7.2
59640	-38.6	113.1	38583.9	146.1	7.2
59700	-38.7	113.1	38591.6	145.9	7.2
59760	-38.8	113.2	38599.3	145.8	7.2
59820	-38.8	113.2	38607.0	145.6	7.2
59880	-38.9	113.3	38614.6	145.4	7.2
59940	-39.0	113.4	38622.3	145.2	7.2
60000	-39.1	113.4	38629.9	145.1	7.2
60060	-39.1	113.5	38637.5	144.9	7.2
60120	-39.2	113.5	38645.0	144.7	7.2
60180	-39.3	113.6	38652.6	144.5	7.3
60240	-39.3	113.6	38660.1	144.4	7.3
60300	-39.4	113.7	38667.5	144.2	7.3
60360	-39.5	113.8	38675.0	144.0	7.3
60420	-39.6	113.8	38682.4	143.9	7.3
60480	-39.6	113.9	38689.8	143.7	7.3
60540	-39.7	114.0	38697.1	143.5	7.3
60600	-39.7	114.0	38704.4	143.3	7.3
60660	-39.8	114.1	38711.7	143.2	7.3
60720	-39.9	114.1	38719.0	143.0	7.3
60780	-39.9	114.2	38726.2	142.8	7.3
60840	-40.0	114.3	38733.4	142.7	7.3
60900	-40.1	114.3	38740.6	142.5	7.3
60960	-40.1	114.4	38747.7	142.3	7.3
61020	-40.2	114.5	38754.8	142.2	7.3
61080	-40.2	114.5	38761.9	142.0	7.4
61140	-40.3	114.6	38768.9	141.8	7.4
61200	-40.3	114.7	38775.9	141.7	7.4
61260	-40.4	114.8	38782.8	141.5	7.4
61320	-40.5	114.8	38789.7	141.3	7.4
61380	-40.5	114.9	38796.6	141.2	7.4
61440	-40.6	115.0	38803.4	141.0	7.4
61500	-40.6	115.0	38810.2	140.9	7.4
61560	-40.7	115.1	38817.0	140.7	7.4
61620	-40.7	115.2	38823.7	140.5	7.4
61680	-40.8	115.3	38830.3	140.4	7.4
61740	-40.8	115.3	38837.0	140.2	7.4
61800	-40.9	115.4	38843.6	140.0	7.4
61860	-40.9	115.5	38850.1	139.9	7.4
61920	-40.9	115.6	38856.6	139.7	7.4
61980	-41.0	115.6	38863.1	139.6	7.4
62040	-41.0	115.7	38869.5	139.4	7.5
62100	-41.1	115.8	38875.9	139.2	7.5
62160	-41.1	115.9	38882.2	139.1	7.5
62220	-41.2	115.9	38888.5	138.9	7.5
62280	-41.2	116.0	38894.7	138.8	7.5



62340	-41.2	116.1	38900.9	138.6	7.5
62400	-41.3	116.2	38907.1	138.5	7.5
62460	-41.3	116.3	38913.2	138.3	7.5
62520	-41.4	116.3	38919.2	138.1	7.5
62580	-41.4	116.4	38925.3	138.0	7.5
62640	-41.4	116.5	38931.2	137.8	7.5
62700	-41.5	116.6	38937.1	137.7	7.5
62760	-41.5	116.7	38943.0	137.5	7.5
62820	-41.5	116.7	38948.8	137.4	7.5
62880	-41.5	116.8	38954.6	137.2	7.5
62940	-41.6	116.9	38960.3	137.1	7.5
63000	-41.6	117.0	38965.9	136.9	7.5
63060	-41.6	117.1	38971.5	136.8	7.5
63120	-41.7	117.1	38977.1	136.6	7.5
63180	-41.7	117.2	38982.6	136.4	7.6
63240	-41.7	117.3	38988.1	136.3	7.6
63300	-41.7	117.4	38993.5	136.1	7.6
63360	-41.8	117.5	38998.8	136.0	7.6
63420	-41.8	117.6	39004.1	135.8	7.6
63480	-41.8	117.6	39009.3	135.7	7.6
63540	-41.8	117.7	39014.5	135.5	7.6
63600	-41.8	117.8	39019.7	135.4	7.6
63660	-41.9	117.9	39024.7	135.2	7.6
63720	-41.9	118.0	39029.8	135.1	7.6
63780	-41.9	118.1	39034.7	134.9	7.6
63840	-41.9	118.2	39039.6	134.8	7.6
63900	-41.9	118.2	39044.5	134.7	7.6
63960	-41.9	118.3	39049.3	134.5	7.6
64020	-41.9	118.4	39054.0	134.4	7.6
64080	-41.9	118.5	39058.7	134.2	7.6
64140	-42.0	118.6	39063.3	134.1	7.6
64200	-42.0	118.7	39067.9	133.9	7.6
64260	-42.0	118.8	39072.4	133.8	7.6
64320	-42.0	118.8	39076.8	133.6	7.6
64380	-42.0	118.9	39081.2	133.5	7.6
64440	-42.0	119.0	39085.5	133.3	7.6
64500	-42.0	119.1	39089.8	133.2	7.7
64560	-42.0	119.2	39094.0	133.1	7.7
64620	-42.0	119.3	39098.1	132.9	7.7
64680	-42.0	119.4	39102.2	132.8	7.7
64740	-42.0	119.4	39106.2	132.6	7.7
64800	-42.0	119.5	39110.2	132.5	7.7
64860	-42.0	119.6	39114.0	132.3	7.7
64920	-42.0	119.7	39117.9	132.2	7.7
64980	-42.0	119.8	39121.6	132.1	7.7
65040	-42.0	119.9	39125.3	131.9	7.7
65100	-42.0	120.0	39129.0	131.8	7.7
65160	-42.0	120.1	39132.6	131.6	7.7

65220	-42.0	120.1	39136.1	131.5	7.7
65280	-42.0	120.2	39139.5	131.4	7.7
65340	-41.9	120.3	39142.9	131.2	7.7
65400	-41.9	120.4	39146.2	131.1	7.7
65460	-41.9	120.5	39149.5	131.0	7.7
65520	-41.9	120.6	39152.6	130.8	7.7
65580	-41.9	120.7	39155.8	130.7	7.7
65640	-41.9	120.7	39158.8	130.6	7.7
65700	-41.9	120.8	39161.8	130.4	7.7
65760	-41.8	120.9	39164.7	130.3	7.7
65820	-41.8	121.0	39167.6	130.1	7.7
65880	-41.8	121.1	39170.4	130.0	7.7
65940	-41.8	121.2	39173.1	129.9	7.7
66000	-41.8	121.3	39175.7	129.7	7.7
66060	-41.7	121.3	39178.3	129.6	7.7
66120	-41.7	121.4	39180.8	129.5	7.7
66180	-41.7	121.5	39183.3	129.3	7.7
66240	-41.7	121.6	39185.6	129.2	7.7
66300	-41.7	121.7	39188.0	129.1	7.8
66360	-41.6	121.8	39190.2	129.0	7.8
66420	-41.6	121.8	39192.4	128.8	7.8
66480	-41.6	121.9	39194.5	128.7	7.8
66540	-41.5	122.0	39196.5	128.6	7.8
66600	-41.5	122.1	39198.5	128.4	7.8
66660	-41.5	122.2	39200.4	128.3	7.8
66720	-41.4	122.2	39202.2	128.2	7.8
66780	-41.4	122.3	39203.9	128.1	7.8
66840	-41.4	122.4	39205.6	127.9	7.8
66900	-41.3	122.5	39207.2	127.8	7.8
66960	-41.3	122.6	39208.8	127.7	7.8
67020	-41.3	122.6	39210.2	127.5	7.8
67080	-41.2	122.7	39211.6	127.4	7.8
67140	-41.2	122.8	39213.0	127.3	7.8
67200	-41.2	122.9	39214.2	127.2	7.8
67260	-41.1	123.0	39215.4	127.0	7.8
67320	-41.1	123.0	39216.5	126.9	7.8
67380	-41.0	123.1	39217.6	126.8	7.8
67440	-41.0	123.2	39218.5	126.7	7.8
67500	-40.9	123.3	39219.4	126.6	7.8
67560	-40.9	123.3	39220.3	126.4	7.8
67620	-40.8	123.4	39221.0	126.3	7.8
67680	-40.8	123.5	39221.7	126.2	7.8
67740	-40.8	123.6	39222.3	126.1	7.8
67800	-40.7	123.6	39222.8	126.0	7.8
67860	-40.7	123.7	39223.3	125.8	7.8
67920	-40.6	123.8	39223.7	125.7	7.8
67980	-40.6	123.9	39224.0	125.6	7.8
68040	-40.5	123.9	39224.3	125.5	7.8

68100	-40.4	124.0	39224.4	125.4	7.8
68160	-40.4	124.1	39224.5	125.2	7.8
68220	-40.3	124.2	39224.6	125.1	7.8
68280	-40.3	124.2	39224.5	125.0	7.8
68340	-40.2	124.3	39224.4	124.9	7.8
68400	-40.2	124.4	39224.2	124.8	7.8
68460	-40.1	124.4	39223.9	124.7	7.8
68520	-40.0	124.5	39223.6	124.6	7.8
68580	-40.0	124.6	39223.2	124.4	7.8
68640	-39.9	124.6	39222.7	124.3	7.8
68700	-39.9	124.7	39222.1	124.2	7.8
68760	-39.8	124.8	39221.5	124.1	7.8
68820	-39.7	124.8	39220.8	124.0	7.8
68880	-39.7	124.9	39220.0	123.9	7.8
68940	-39.6	125.0	39219.2	123.8	7.8
69000	-39.5	125.0	39218.2	123.7	7.8
69060	-39.5	125.1	39217.2	123.6	7.8
69120	-39.4	125.1	39216.2	123.4	7.8
69180	-39.3	125.2	39215.0	123.3	7.8
69240	-39.3	125.3	39213.8	123.2	7.8
69300	-39.2	125.3	39212.5	123.1	7.8
69360	-39.1	125.4	39211.1	123.0	7.8
69420	-39.0	125.4	39209.7	122.9	7.8
69480	-39.0	125.5	39208.2	122.8	7.8
69540	-38.9	125.6	39206.6	122.7	7.8
69600	-38.8	125.6	39204.9	122.6	7.8
69660	-38.7	125.7	39203.2	122.5	7.8
69720	-38.7	125.7	39201.4	122.4	7.8
69780	-38.6	125.8	39199.5	122.3	7.8
69840	-38.5	125.8	39197.6	122.2	7.8
69900	-38.4	125.9	39195.5	122.1	7.8
69960	-38.4	126.0	39193.4	122.0	7.8
70020	-38.3	126.0	39191.3	121.9	7.8
70080	-38.2	126.1	39189.0	121.8	7.8
70140	-38.1	126.1	39186.7	121.7	7.8
70200	-38.0	126.2	39184.3	121.6	7.8
70260	-37.9	126.2	39181.9	121.5	7.8
70320	-37.9	126.3	39179.3	121.4	7.8
70380	-37.8	126.3	39176.7	121.3	7.8
70440	-37.7	126.4	39174.1	121.2	7.8
70500	-37.6	126.4	39171.3	121.1	7.8
70560	-37.5	126.4	39168.5	121.0	7.8
70620	-37.4	126.5	39165.6	120.9	7.8
70680	-37.3	126.5	39162.7	120.8	7.8
70740	-37.2	126.6	39159.6	120.7	7.8
70800	-37.2	126.6	39156.5	120.6	7.8
70860	-37.1	126.7	39153.3	120.5	7.8
70920	-37.0	126.7	39150.1	120.4	7.8

70980	-36.9	126.8	39146.8	120.4	7.8
71040	-36.8	126.8	39143.4	120.3	7.8
71100	-36.7	126.8	39139.9	120.2	7.8
71160	-36.6	126.9	39136.4	120.1	7.8
71220	-36.5	126.9	39132.8	120.0	7.8
71280	-36.4	126.9	39129.1	119.9	7.8
71340	-36.3	127.0	39125.4	119.8	7.8
71400	-36.2	127.0	39121.6	119.7	7.8
71460	-36.1	127.1	39117.7	119.7	7.8
71520	-36.0	127.1	39113.8	119.6	7.8
71580	-35.9	127.1	39109.8	119.5	7.8
71640	-35.8	127.2	39105.7	119.4	7.8
71700	-35.7	127.2	39101.6	119.3	7.8
71760	-35.6	127.2	39097.3	119.2	7.8
71820	-35.5	127.3	39093.0	119.2	7.8
71880	-35.4	127.3	39088.7	119.1	7.8
71940	-35.3	127.3	39084.3	119.0	7.8
72000	-35.2	127.4	39079.8	118.9	7.8
72060	-35.1	127.4	39075.2	118.8	7.8
72120	-35.0	127.4	39070.6	118.8	7.8
72180	-34.9	127.4	39065.9	118.7	7.8
72240	-34.8	127.5	39061.2	118.6	7.8
72300	-34.7	127.5	39056.4	118.5	7.8
72360	-34.6	127.5	39051.5	118.5	7.8
72420	-34.4	127.5	39046.5	118.4	7.8
72480	-34.3	127.6	39041.5	118.3	7.8
72540	-34.2	127.6	39036.4	118.2	7.8
72600	-34.1	127.6	39031.3	118.2	7.8
72660	-34.0	127.6	39026.1	118.1	7.8
72720	-33.9	127.6	39020.8	118.0	7.8
72780	-33.8	127.7	39015.5	117.9	7.8
72840	-33.7	127.7	39010.1	117.9	7.8
72900	-33.6	127.7	39004.6	117.8	7.8
72960	-33.4	127.7	38999.1	117.7	7.8
73020	-33.3	127.7	38993.5	117.7	7.8
73080	-33.2	127.8	38987.9	117.6	7.8
73140	-33.1	127.8	38982.1	117.5	7.8
73200	-33.0	127.8	38976.4	117.5	7.7
73260	-32.9	127.8	38970.5	117.4	7.7
73320	-32.7	127.8	38964.6	117.3	7.7
73380	-32.6	127.8	38958.7	117.3	7.7
73440	-32.5	127.8	38952.7	117.2	7.7
73500	-32.4	127.9	38946.6	117.2	7.7
73560	-32.3	127.9	38940.5	117.1	7.7
73620	-32.2	127.9	38934.3	117.0	7.7
73680	-32.0	127.9	38928.0	117.0	7.7
73740	-31.9	127.9	38921.7	116.9	7.7
73800	-31.8	127.9	38915.3	116.9	7.7

73860	-31.7	127.9	38908.9	116.8	7.7
73920	-31.5	127.9	38902.4	116.8	7.7
73980	-31.4	127.9	38895.9	116.7	7.7
74040	-31.3	127.9	38889.3	116.6	7.7
74100	-31.2	127.9	38882.7	116.6	7.7
74160	-31.0	127.9	38876.0	116.5	7.7
74220	-30.9	127.9	38869.2	116.5	7.7
74280	-30.8	128.0	38862.4	116.4	7.7
74340	-30.7	128.0	38855.5	116.4	7.7
74400	-30.5	128.0	38848.6	116.3	7.7
74460	-30.4	128.0	38841.6	116.3	7.7
74520	-30.3	128.0	38834.6	116.2	7.7
74580	-30.2	128.0	38827.5	116.2	7.7
74640	-30.0	128.0	38820.4	116.2	7.7
74700	-29.9	128.0	38813.2	116.1	7.7
74760	-29.8	128.0	38805.9	116.1	7.7
74820	-29.6	127.9	38798.6	116.0	7.6
74880	-29.5	127.9	38791.3	116.0	7.6
74940	-29.4	127.9	38783.9	115.9	7.6
75000	-29.2	127.9	38776.5	115.9	7.6
75060	-29.1	127.9	38769.0	115.9	7.6
75120	-29.0	127.9	38761.5	115.8	7.6
75180	-28.8	127.9	38753.9	115.8	7.6
75240	-28.7	127.9	38746.2	115.8	7.6
75300	-28.6	127.9	38738.6	115.7	7.6
75360	-28.4	127.9	38730.8	115.7	7.6
75420	-28.3	127.9	38723.1	115.6	7.6
75480	-28.2	127.9	38715.2	115.6	7.6
75540	-28.0	127.9	38707.4	115.6	7.6
75600	-27.9	127.9	38699.5	115.6	7.6
75660	-27.8	127.8	38691.5	115.5	7.6
75720	-27.6	127.8	38683.5	115.5	7.6
75780	-27.5	127.8	38675.5	115.5	7.6
75840	-27.4	127.8	38667.4	115.4	7.6
75900	-27.2	127.8	38659.3	115.4	7.6
75960	-27.1	127.8	38651.1	115.4	7.6
76020	-26.9	127.8	38642.9	115.4	7.5
76080	-26.8	127.7	38634.6	115.3	7.5
76140	-26.7	127.7	38626.3	115.3	7.5
76200	-26.5	127.7	38618.0	115.3	7.5
76260	-26.4	127.7	38609.6	115.3	7.5
76320	-26.2	127.7	38601.2	115.3	7.5
76380	-26.1	127.7	38592.8	115.2	7.5
76440	-26.0	127.6	38584.3	115.2	7.5
76500	-25.8	127.6	38575.8	115.2	7.5
76560	-25.7	127.6	38567.2	115.2	7.5
76620	-25.5	127.6	38558.6	115.2	7.5
76680	-25.4	127.6	38550.0	115.2	7.5

76740	-25.2	127.5	38541.3	115.1	7.5
76800	-25.1	127.5	38532.6	115.1	7.5
76860	-25.0	127.5	38523.9	115.1	7.5
76920	-24.8	127.5	38515.1	115.1	7.5
76980	-24.7	127.4	38506.3	115.1	7.4
77040	-24.5	127.4	38497.5	115.1	7.4
77100	-24.4	127.4	38488.7	115.1	7.4
77160	-24.2	127.4	38479.8	115.1	7.4
77220	-24.1	127.3	38470.8	115.1	7.4
77280	-23.9	127.3	38461.9	115.1	7.4
77340	-23.8	127.3	38452.9	115.1	7.4
77400	-23.6	127.3	38443.9	115.1	7.4
77460	-23.5	127.2	38434.8	115.1	7.4
77520	-23.3	127.2	38425.8	115.1	7.4
77580	-23.2	127.2	38416.7	115.1	7.4
77640	-23.1	127.2	38407.6	115.1	7.4
77700	-22.9	127.1	38398.4	115.1	7.4
77760	-22.8	127.1	38389.2	115.1	7.4
77820	-22.6	127.1	38380.0	115.1	7.3
77880	-22.5	127.0	38370.8	115.1	7.3
77940	-22.3	127.0	38361.6	115.1	7.3
78000	-22.2	127.0	38352.3	115.1	7.3
78060	-22.0	126.9	38343.0	115.1	7.3
78120	-21.9	126.9	38333.7	115.2	7.3
78180	-21.7	126.9	38324.4	115.2	7.3
78240	-21.6	126.8	38315.0	115.2	7.3
78300	-21.4	126.8	38305.6	115.2	7.3
78360	-21.2	126.8	38296.2	115.2	7.3
78420	-21.1	126.7	38286.8	115.2	7.3
78480	-20.9	126.7	38277.4	115.3	7.3
78540	-20.8	126.7	38267.9	115.3	7.3
78600	-20.6	126.6	38258.5	115.3	7.2
78660	-20.5	126.6	38249.0	115.3	7.2
78720	-20.3	126.5	38239.5	115.3	7.2
78780	-20.2	126.5	38230.0	115.4	7.2
78840	-20.0	126.5	38220.5	115.4	7.2
78900	-19.9	126.4	38210.9	115.4	7.2
78960	-19.7	126.4	38201.4	115.5	7.2
79020	-19.6	126.4	38191.8	115.5	7.2
79080	-19.4	126.3	38182.2	115.5	7.2
79140	-19.2	126.3	38172.6	115.6	7.2
79200	-19.1	126.2	38163.0	115.6	7.2
79260	-18.9	126.2	38153.4	115.6	7.1
79320	-18.8	126.1	38143.8	115.7	7.1
79380	-18.6	126.1	38134.2	115.7	7.1
79440	-18.5	126.1	38124.5	115.7	7.1
79500	-18.3	126.0	38114.9	115.8	7.1
79560	-18.2	126.0	38105.2	115.8	7.1

79620	-18.0	125.9	38095.6	115.9	7.1
79680	-17.8	125.9	38085.9	115.9	7.1
79740	-17.7	125.8	38076.2	116.0	7.1
79800	-17.5	125.8	38066.6	116.0	7.1
79860	-17.4	125.8	38056.9	116.0	7.1
79920	-17.2	125.7	38047.2	116.1	7.0
79980	-17.0	125.7	38037.5	116.1	7.0
80040	-16.9	125.6	38027.9	116.2	7.0
80100	-16.7	125.6	38018.2	116.3	7.0
80160	-16.6	125.5	38008.5	116.3	7.0
80220	-16.4	125.5	37998.8	116.4	7.0
80280	-16.3	125.4	37989.1	116.4	7.0
80340	-16.1	125.4	37979.4	116.5	7.0
80400	-15.9	125.3	37969.7	116.5	7.0
80460	-15.8	125.3	37960.1	116.6	7.0
80520	-15.6	125.2	37950.4	116.7	7.0
80580	-15.5	125.2	37940.7	116.7	6.9
80640	-15.3	125.1	37931.1	116.8	6.9
80700	-15.1	125.1	37921.4	116.9	6.9
80760	-15.0	125.0	37911.7	116.9	6.9
80820	-14.8	125.0	37902.1	117.0	6.9
80880	-14.6	124.9	37892.5	117.1	6.9
80940	-14.5	124.9	37882.8	117.2	6.9
81000	-14.3	124.8	37873.2	117.2	6.9
81060	-14.2	124.8	37863.6	117.3	6.9
81120	-14.0	124.7	37854.0	117.4	6.8
81180	-13.8	124.7	37844.4	117.5	6.8
81240	-13.7	124.6	37834.8	117.5	6.8
81300	-13.5	124.6	37825.2	117.6	6.8
81360	-13.4	124.5	37815.7	117.7	6.8
81420	-13.2	124.5	37806.1	117.8	6.8
81480	-13.0	124.4	37796.6	117.9	6.8
81540	-12.9	124.4	37787.1	118.0	6.8
81600	-12.7	124.3	37777.6	118.1	6.8
81660	-12.5	124.3	37768.1	118.1	6.8
81720	-12.4	124.2	37758.6	118.2	6.7
81780	-12.2	124.2	37749.1	118.3	6.7
81840	-12.0	124.1	37739.7	118.4	6.7
81900	-11.9	124.0	37730.3	118.5	6.7
81960	-11.7	124.0	37720.9	118.6	6.7
82020	-11.6	123.9	37711.5	118.7	6.7
82080	-11.4	123.9	37702.1	118.8	6.7
82140	-11.2	123.8	37692.8	118.9	6.7
82200	-11.1	123.8	37683.5	119.0	6.7
82260	-10.9	123.7	37674.2	119.1	6.6
82320	-10.7	123.7	37664.9	119.3	6.6
82380	-10.6	123.6	37655.7	119.4	6.6
82440	-10.4	123.5	37646.4	119.5	6.6

82500	-10.2	123.5	38541.3	115.1	7.5
82560	-10.1	123.4	38532.6	115.1	7.5
82620	-9.9	123.4	38523.9	115.1	7.5
82680	-9.7	123.3	38515.1	115.1	7.5
82740	-9.6	123.3	38506.3	115.1	7.4
82800	-9.4	123.2	38497.5	115.1	7.4
82860	-9.2	123.1	38488.7	115.1	7.4
82920	-9.1	123.1	38479.8	115.1	7.4
82980	-8.9	123.0	38470.8	115.1	7.4
83040	-8.7	123.0	38461.9	115.1	7.4
83100	-8.6	122.9	38452.9	115.1	7.4
83160	-8.4	122.8	38443.9	115.1	7.4
83220	-8.2	122.8	38434.8	115.1	7.4
83280	-8.1	122.7	38425.8	115.1	7.4
83340	-7.9	122.7	38416.7	115.1	7.4
83400	-7.7	122.6	38407.6	115.1	7.4
83460	-7.6	122.5	38398.4	115.1	7.4
83520	-7.4	122.5	38389.2	115.1	7.4
83580	-7.2	122.4	38380.0	115.1	7.3
83640	-7.1	122.4	38370.8	115.1	7.3
83700	-6.9	122.3	38361.6	115.1	7.3
83760	-6.7	122.2	38352.3	115.1	7.3
83820	-6.6	122.2	38343.0	115.1	7.3
83880	-6.4	122.1	38333.7	115.2	7.3
83940	-6.2	122.1	38324.4	115.2	7.3
84000	-6.1	122.0	38315.0	115.2	7.3
84060	-5.9	121.9	38305.6	115.2	7.3
84120	-5.7	121.9	38296.2	115.2	7.3
84180	-5.6	121.8	38286.8	115.2	7.3
84240	-5.4	121.8	38277.4	115.3	7.3
84300	-5.2	121.7	38267.9	115.3	7.3
84360	-5.1	121.6	38258.5	115.3	7.2
84420	-4.9	121.6	38249.0	115.3	7.2
84480	-4.7	121.5	38239.5	115.3	7.2
84540	-4.6	121.4	38230.0	115.4	7.2
84600	-4.4	121.4	38220.5	115.4	7.2
84660	-4.2	121.3	38210.9	115.4	7.2
84720	-4.1	121.3	38201.4	115.5	7.2
84780	-3.9	121.2	38191.8	115.5	7.2
84840	-3.7	121.1	38182.2	115.5	7.2
84900	-3.6	121.1	38172.6	115.6	7.2
84960	-3.4	121.0	38163.0	115.6	7.2
85020	-3.2	120.9	38153.4	115.6	7.1
85080	-3.0	120.9	38143.8	115.7	7.1
85140	-2.9	120.8	38134.2	115.7	7.1
85200	-2.7	120.8	38124.5	115.7	7.1
85260	-2.5	120.7	38114.9	115.8	7.1
85320	-2.4	120.6	38105.2	115.8	7.1

85380	-2.2	120.6	37235.9	127.0	6.1
85440	-2.0	120.5	37228.6	127.2	6.1
85500	-1.9	120.4	37221.3	127.4	6.0
85560	-1.7	120.4	37214.2	127.6	6.0
85620	-1.5	120.3	37207.0	127.8	6.0
85680	-1.4	120.3	37200.0	128.0	6.0
85740	-1.2	120.2	37192.9	128.2	6.0
85800	-1.0	120.1	37186.0	128.4	6.0
85860	-0.9	120.1	37179.1	128.6	6.0

85920	-0.7	120.0	37172.2	128.9	6.0
85980	-0.5	119.9	37165.4	129.1	6.0
86040	-0.3	119.9	37158.7	129.3	6.0
86100	-0.2	119.8	37152.0	129.5	5.9
86160	0.0	119.7	37145.4	129.7	5.9
86220	0.2	119.7	37138.8	129.9	5.9
86280	0.3	119.6	37132.3	130.2	5.9
86340	0.5	119.6	37125.9	130.4	5.9
86400	0.7	119.5	37119.5	130.6	5.9