

**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-NAVR-GS**

Faisceaux/Beams/Haces/波束/ лучи/ RNGR, L1T, L5T, S1T

Temps Time Tiempo 时间 Время  (sec)	Latitude Latitud 纬度 Широта	Longitude Longitud 经度 Долгота	Distance Range Distancia 距离 Расстояние  (km / км)	Alpha	Beta
0	23.4	51.3	37168.6	316.2	5.7
60	23.5	51.3	37170.5	316.2	5.7
120	23.6	51.3	37172.4	316.2	5.7
180	23.6	51.3	37174.2	316.2	5.8
240	23.7	51.4	37176.0	316.2	5.8
300	23.8	51.4	37177.8	316.2	5.8
360	23.8	51.4	37179.6	316.2	5.8
420	23.9	51.4	37181.3	316.2	5.8
480	24.0	51.4	37183.0	316.2	5.8
540	24.1	51.4	37184.7	316.2	5.8
600	24.1	51.4	37186.4	316.2	5.8
660	24.2	51.4	37188.1	316.2	5.8
720	24.3	51.5	37189.7	316.2	5.8
780	24.3	51.5	37191.3	316.2	5.8
840	24.4	51.5	37192.9	316.3	5.8
900	24.5	51.5	37194.4	316.3	5.8
960	24.6	51.5	37196.0	316.3	5.8
1020	24.6	51.5	37197.5	316.3	5.8
1080	24.7	51.5	37199.0	316.3	5.8
1140	24.8	51.6	37200.4	316.3	5.8
1200	24.8	51.6	37201.9	316.3	5.8
1260	24.9	51.6	37203.3	316.3	5.8
1320	25.0	51.6	37204.7	316.4	5.8
1380	25.0	51.6	37206.1	316.4	5.8
1440	25.1	51.6	37207.4	316.4	5.8
1500	25.2	51.7	37208.7	316.4	5.8
1560	25.2	51.7	37210.0	316.4	5.8
1620	25.3	51.7	37211.3	316.5	5.8
1680	25.3	51.7	37212.5	316.5	5.8
1740	25.4	51.7	37213.7	316.5	5.8
1800	25.5	51.7	37214.9	316.5	5.8
1860	25.5	51.8	37216.1	316.5	5.8

1920	25.6	51.8	37217.2	316.6	5.8
1980	25.7	51.8	37218.3	316.6	5.8
2040	25.7	51.8	37219.4	316.6	5.8
2100	25.8	51.8	37220.5	316.6	5.8
2160	25.8	51.9	37221.5	316.7	5.8
2220	25.9	51.9	37222.5	316.7	5.8
2280	26.0	51.9	37223.5	316.7	5.8
2340	26.0	51.9	37224.5	316.8	5.8
2400	26.1	51.9	37225.4	316.8	5.8
2460	26.1	52.0	37226.3	316.8	5.8
2520	26.2	52.0	37227.2	316.8	5.8
2580	26.2	52.0	37228.0	316.9	5.8
2640	26.3	52.0	37228.9	316.9	5.8
2700	26.4	52.0	37229.6	316.9	5.8
2760	26.4	52.1	37230.4	317.0	5.8
2820	26.5	52.1	37231.2	317.0	5.8
2880	26.5	52.1	37231.9	317.1	5.9
2940	26.6	52.1	37232.6	317.1	5.9
3000	26.6	52.2	37233.2	317.1	5.9
3060	26.7	52.2	37233.8	317.2	5.9
3120	26.7	52.2	37234.4	317.2	5.9
3180	26.8	52.2	37235.0	317.2	5.9
3240	26.8	52.3	37235.6	317.3	5.9
3300	26.9	52.3	37236.1	317.3	5.9
3360	26.9	52.3	37236.6	317.4	5.9
3420	27.0	52.3	37237.0	317.4	5.9
3480	27.0	52.4	37237.5	317.4	5.9
3540	27.1	52.4	37237.9	317.5	5.9
3600	27.1	52.4	37238.2	317.5	5.9
3660	27.2	52.4	37238.6	317.6	5.9
3720	27.2	52.5	37238.9	317.6	5.9
3780	27.2	52.5	37239.2	317.7	5.9

3840	27.3	52.5	37239.5	317.7	5.9
3900	27.3	52.5	37239.7	317.8	5.9
3960	27.4	52.6	37239.9	317.8	5.9
4020	27.4	52.6	37240.1	317.9	5.9
4080	27.5	52.6	37240.2	317.9	5.9
4140	27.5	52.7	37240.4	318.0	5.9
4200	27.5	52.7	37240.4	318.0	5.9
4260	27.6	52.7	37240.5	318.1	5.9
4320	27.6	52.7	37240.5	318.1	5.9
4380	27.7	52.8	37240.5	318.2	5.9
4440	27.7	52.8	37240.5	318.2	5.9
4500	27.7	52.8	37240.5	318.3	5.9
4560	27.8	52.9	37240.4	318.3	5.9
4620	27.8	52.9	37240.3	318.4	5.9
4680	27.9	52.9	37240.1	318.4	5.9
4740	27.9	52.9	37240.0	318.5	5.9
4800	27.9	53.0	37239.8	318.6	5.9
4860	28.0	53.0	37239.5	318.6	5.9
4920	28.0	53.0	37239.3	318.7	5.9
4980	28.0	53.1	37239.0	318.7	5.9
5040	28.1	53.1	37238.7	318.8	5.9
5100	28.1	53.1	37238.4	318.9	5.9
5160	28.1	53.2	37238.0	318.9	5.9
5220	28.2	53.2	37237.6	319.0	5.9
5280	28.2	53.2	37237.2	319.0	5.9
5340	28.2	53.3	37236.7	319.1	5.9
5400	28.3	53.3	37236.2	319.2	5.9
5460	28.3	53.3	37235.7	319.2	5.9
5520	28.3	53.3	37235.2	319.3	5.9
5580	28.3	53.4	37234.6	319.4	5.9
5640	28.4	53.4	37234.0	319.4	5.9
5700	28.4	53.4	37233.4	319.5	5.9
5760	28.4	53.5	37232.7	319.6	5.9
5820	28.5	53.5	37232.0	319.6	5.9
5880	28.5	53.5	37231.3	319.7	5.8
5940	28.5	53.6	37230.5	319.8	5.8
6000	28.5	53.6	37229.8	319.8	5.8
6060	28.5	53.6	37229.0	319.9	5.8
6120	28.6	53.7	37228.1	320.0	5.8
6180	28.6	53.7	37227.3	320.1	5.8
6240	28.6	53.7	37226.4	320.1	5.8
6300	28.6	53.8	37225.5	320.2	5.8
6360	28.7	53.8	37224.5	320.3	5.8
6420	28.7	53.8	37223.6	320.4	5.8
6480	28.7	53.9	37222.6	320.4	5.8
6540	28.7	53.9	37221.5	320.5	5.8
6600	28.7	53.9	37220.5	320.6	5.8
6660	28.8	54.0	37219.4	320.7	5.8
6720	28.8	54.0	37218.3	320.7	5.8
6780	28.8	54.1	37217.1	320.8	5.8
6840	28.8	54.1	37216.0	320.9	5.8

6900	28.8	54.1	37214.8	321.0	5.8
6960	28.8	54.2	37213.6	321.1	5.8
7020	28.8	54.2	37212.3	321.1	5.8
7080	28.9	54.2	37211.0	321.2	5.8
7140	28.9	54.3	37209.7	321.3	5.8
7200	28.9	54.3	37208.4	321.4	5.8
7260	28.9	54.3	37207.0	321.5	5.8
7320	28.9	54.4	37205.7	321.6	5.8
7380	28.9	54.4	37204.2	321.6	5.8
7440	28.9	54.4	37202.8	321.7	5.8
7500	28.9	54.5	37201.3	321.8	5.8
7560	28.9	54.5	37199.9	321.9	5.8
7620	29.0	54.5	37198.3	322.0	5.8
7680	29.0	54.6	37196.8	322.1	5.8
7740	29.0	54.6	37195.2	322.2	5.8
7800	29.0	54.7	37193.6	322.2	5.8
7860	29.0	54.7	37192.0	322.3	5.8
7920	29.0	54.7	37190.3	322.4	5.8
7980	29.0	54.8	37188.7	322.5	5.8
8040	29.0	54.8	37187.0	322.6	5.8
8100	29.0	54.8	37185.2	322.7	5.8
8160	29.0	54.9	37183.5	322.8	5.8
8220	29.0	54.9	37181.7	322.9	5.8
8280	29.0	54.9	37179.9	323.0	5.8
8340	29.0	55.0	37178.1	323.1	5.8
8400	29.0	55.0	37176.2	323.2	5.8
8460	29.0	55.0	37174.3	323.3	5.8
8520	29.0	55.1	37172.4	323.4	5.7
8580	29.0	55.1	37170.5	323.5	5.7
8640	29.0	55.2	37168.6	323.6	5.7
8700	29.0	55.2	37166.6	323.7	5.7
8760	29.0	55.2	37164.6	323.8	5.7
8820	29.0	55.3	37162.6	323.9	5.7
8880	29.0	55.3	37160.5	324.0	5.7
8940	29.0	55.3	37158.5	324.1	5.7
9000	29.0	55.4	37156.4	324.2	5.7
9060	29.0	55.4	37154.2	324.3	5.7
9120	29.0	55.4	37152.1	324.4	5.7
9180	28.9	55.5	37149.9	324.5	5.7
9240	28.9	55.5	37147.8	324.6	5.7
9300	28.9	55.5	37145.5	324.7	5.7
9360	28.9	55.6	37143.3	324.8	5.7
9420	28.9	55.6	37141.1	324.9	5.7
9480	28.9	55.7	37138.8	325.0	5.7
9540	28.9	55.7	37136.5	325.1	5.7
9600	28.9	55.7	37134.2	325.2	5.7
9660	28.9	55.8	37131.8	325.3	5.7
9720	28.8	55.8	37129.5	325.4	5.7
9780	28.8	55.8	37127.1	325.5	5.7
9840	28.8	55.9	37124.7	325.6	5.7
9900	28.8	55.9	37122.3	325.8	5.7

9960	28.8	55.9	37119.8	325.9	5.7
10020	28.8	56.0	37117.3	326.0	5.7
10080	28.8	56.0	37114.9	326.1	5.6
10140	28.7	56.0	37112.3	326.2	5.6
10200	28.7	56.1	37109.8	326.3	5.6
10260	28.7	56.1	37107.3	326.4	5.6
10320	28.7	56.1	37104.7	326.6	5.6
10380	28.7	56.2	37102.1	326.7	5.6
10440	28.6	56.2	37099.5	326.8	5.6
10500	28.6	56.2	37096.9	326.9	5.6
10560	28.6	56.3	37094.3	327.0	5.6
10620	28.6	56.3	37091.6	327.1	5.6
10680	28.6	56.3	37088.9	327.3	5.6
10740	28.5	56.4	37086.2	327.4	5.6
10800	28.5	56.4	37083.5	327.5	5.6
10860	28.5	56.4	37080.8	327.6	5.6
10920	28.5	56.5	37078.0	327.7	5.6
10980	28.4	56.5	37075.3	327.9	5.6
11040	28.4	56.5	37072.5	328.0	5.6
11100	28.4	56.6	37069.7	328.1	5.6
11160	28.4	56.6	37066.9	328.2	5.6
11220	28.3	56.6	37064.0	328.4	5.6
11280	28.3	56.7	37061.2	328.5	5.5
11340	28.3	56.7	37058.3	328.6	5.5
11400	28.2	56.7	37055.4	328.8	5.5
11460	28.2	56.8	37052.6	328.9	5.5
11520	28.2	56.8	37049.6	329.0	5.5
11580	28.1	56.8	37046.7	329.1	5.5
11640	28.1	56.9	37043.8	329.3	5.5
11700	28.1	56.9	37040.8	329.4	5.5
11760	28.0	56.9	37037.9	329.5	5.5
11820	28.0	57.0	37034.9	329.7	5.5
11880	28.0	57.0	37031.9	329.8	5.5
11940	27.9	57.0	37028.9	329.9	5.5
12000	27.9	57.0	37025.9	330.1	5.5
12060	27.9	57.1	37022.8	330.2	5.5
12120	27.8	57.1	37019.8	330.3	5.5
12180	27.8	57.1	37016.7	330.5	5.5
12240	27.8	57.2	37013.6	330.6	5.5
12300	27.7	57.2	37010.6	330.8	5.5
12360	27.7	57.2	37007.5	330.9	5.4
12420	27.6	57.3	37004.4	331.0	5.4
12480	27.6	57.3	37001.2	331.2	5.4
12540	27.6	57.3	36998.1	331.3	5.4
12600	27.5	57.3	36995.0	331.5	5.4
12660	27.5	57.4	36991.8	331.6	5.4
12720	27.4	57.4	36988.7	331.7	5.4
12780	27.4	57.4	36985.5	331.9	5.4
12840	27.3	57.4	36982.3	332.0	5.4
12900	27.3	57.5	36979.1	332.2	5.4
12960	27.3	57.5	36975.9	332.3	5.4

13020	27.2	57.5	36972.7	332.5	5.4
13080	27.2	57.6	36969.5	332.6	5.4
13140	27.1	57.6	36966.3	332.8	5.4
13200	27.1	57.6	36963.1	332.9	5.4
13260	27.0	57.6	36959.8	333.1	5.4
13320	27.0	57.7	36956.6	333.2	5.3
13380	26.9	57.7	36953.3	333.4	5.3
13440	26.9	57.7	36950.1	333.5	5.3
13500	26.8	57.7	36946.8	333.7	5.3
13560	26.8	57.8	36943.5	333.8	5.3
13620	26.7	57.8	36940.3	334.0	5.3
13680	26.7	57.8	36937.0	334.1	5.3
13740	26.6	57.8	36933.7	334.3	5.3
13800	26.6	57.9	36930.4	334.4	5.3
13860	26.5	57.9	36927.1	334.6	5.3
13920	26.5	57.9	36923.8	334.8	5.3
13980	26.4	57.9	36920.5	334.9	5.3
14040	26.4	57.9	36917.2	335.1	5.3
14100	26.3	58.0	36913.9	335.2	5.3
14160	26.3	58.0	36910.5	335.4	5.3
14220	26.2	58.0	36907.2	335.6	5.2
14280	26.1	58.0	36903.9	335.7	5.2
14340	26.1	58.1	36900.6	335.9	5.2
14400	26.0	58.1	36897.2	336.1	5.2
14460	26.0	58.1	36893.9	336.2	5.2
14520	25.9	58.1	36890.6	336.4	5.2
14580	25.9	58.1	36887.2	336.6	5.2
14640	25.8	58.2	36883.9	336.7	5.2
14700	25.7	58.2	36880.6	336.9	5.2
14760	25.7	58.2	36877.2	337.1	5.2
14820	25.6	58.2	36873.9	337.2	5.2
14880	25.6	58.2	36870.5	337.4	5.2
14940	25.5	58.3	36867.2	337.6	5.2
15000	25.4	58.3	36863.9	337.8	5.2
15060	25.4	58.3	36860.5	337.9	5.2
15120	25.3	58.3	36857.2	338.1	5.1
15180	25.2	58.3	36853.9	338.3	5.1
15240	25.2	58.3	36850.5	338.5	5.1
15300	25.1	58.4	36847.2	338.6	5.1
15360	25.0	58.4	36843.9	338.8	5.1
15420	25.0	58.4	36840.5	339.0	5.1
15480	24.9	58.4	36837.2	339.2	5.1
15540	24.8	58.4	36833.9	339.4	5.1
15600	24.8	58.4	36830.6	339.5	5.1
15660	24.7	58.5	36827.3	339.7	5.1
15720	24.6	58.5	36824.0	339.9	5.1
15780	24.6	58.5	36820.7	340.1	5.1
15840	24.5	58.5	36817.4	340.3	5.1
15900	24.4	58.5	36814.1	340.5	5.1
15960	24.4	58.5	36810.8	340.7	5.0
16020	24.3	58.5	36807.5	340.8	5.0

16080	24.2	58.6	36804.2	341.0	5.0
16140	24.2	58.6	36800.9	341.2	5.0
16200	24.1	58.6	36797.7	341.4	5.0
16260	24.0	58.6	36794.4	341.6	5.0
16320	23.9	58.6	36791.2	341.8	5.0
16380	23.9	58.6	36787.9	342.0	5.0
16440	23.8	58.6	36784.7	342.2	5.0
16500	23.7	58.6	36781.4	342.4	5.0
16560	23.6	58.6	36778.2	342.6	5.0
16620	23.6	58.7	36775.0	342.8	5.0
16680	23.5	58.7	36771.8	343.0	5.0
16740	23.4	58.7	36768.6	343.2	5.0
16800	23.3	58.7	36765.4	343.4	4.9
16860	23.3	58.7	36762.3	343.6	4.9
16920	23.2	58.7	36759.1	343.8	4.9
16980	23.1	58.7	36755.9	344.0	4.9
17040	23.0	58.7	36752.8	344.2	4.9
17100	23.0	58.7	36749.7	344.4	4.9
17160	22.9	58.7	36746.5	344.6	4.9
17220	22.8	58.7	36743.4	344.8	4.9
17280	22.7	58.8	36740.3	345.0	4.9
17340	22.6	58.8	36737.2	345.2	4.9
17400	22.6	58.8	36734.2	345.4	4.9
17460	22.5	58.8	36731.1	345.6	4.9
17520	22.4	58.8	36728.0	345.9	4.9
17580	22.3	58.8	36725.0	346.1	4.9
17640	22.2	58.8	36722.0	346.3	4.8
17700	22.1	58.8	36719.0	346.5	4.8
17760	22.1	58.8	36716.0	346.7	4.8
17820	22.0	58.8	36713.0	346.9	4.8
17880	21.9	58.8	36710.0	347.1	4.8
17940	21.8	58.8	36707.1	347.4	4.8
18000	21.7	58.8	36704.1	347.6	4.8
18060	21.6	58.8	36701.2	347.8	4.8
18120	21.6	58.8	36698.3	348.0	4.8
18180	21.5	58.8	36695.4	348.2	4.8
18240	21.4	58.8	36692.5	348.5	4.8
18300	21.3	58.8	36689.7	348.7	4.8
18360	21.2	58.8	36686.8	348.9	4.8
18420	21.1	58.8	36684.0	349.1	4.8
18480	21.0	58.8	36681.2	349.4	4.7
18540	21.0	58.8	36678.4	349.6	4.7
18600	20.9	58.8	36675.6	349.8	4.7
18660	20.8	58.8	36672.9	350.1	4.7
18720	20.7	58.8	36670.2	350.3	4.7
18780	20.6	58.8	36667.4	350.5	4.7
18840	20.5	58.8	36664.7	350.8	4.7
18900	20.4	58.8	36662.1	351.0	4.7
18960	20.3	58.8	36659.4	351.2	4.7
19020	20.2	58.8	36656.8	351.5	4.7
19080	20.2	58.8	36654.1	351.7	4.7

19140	20.1	58.8	36651.5	351.9	4.7
19200	20.0	58.8	36649.0	352.2	4.7
19260	19.9	58.8	36646.4	352.4	4.7
19320	19.8	58.8	36643.9	352.7	4.7
19380	19.7	58.8	36641.3	352.9	4.7
19440	19.6	58.8	36638.9	353.1	4.6
19500	19.5	58.8	36636.4	353.4	4.6
19560	19.4	58.8	36633.9	353.6	4.6
19620	19.3	58.8	36631.5	353.9	4.6
19680	19.2	58.8	36629.1	354.1	4.6
19740	19.1	58.8	36626.7	354.4	4.6
19800	19.0	58.8	36624.3	354.6	4.6
19860	18.9	58.8	36622.0	354.9	4.6
19920	18.8	58.8	36619.7	355.1	4.6
19980	18.7	58.8	36617.4	355.4	4.6
20040	18.7	58.8	36615.1	355.6	4.6
20100	18.6	58.8	36612.9	355.9	4.6
20160	18.5	58.7	36610.7	356.1	4.6
20220	18.4	58.7	36608.5	356.4	4.6
20280	18.3	58.7	36606.3	356.6	4.6
20340	18.2	58.7	36604.2	356.9	4.6
20400	18.1	58.7	36602.0	357.1	4.6
20460	18.0	58.7	36600.0	357.4	4.5
20520	17.9	58.7	36597.9	357.7	4.5
20580	17.8	58.7	36595.8	357.9	4.5
20640	17.7	58.7	36593.8	358.2	4.5
20700	17.6	58.7	36591.8	358.4	4.5
20760	17.5	58.7	36589.9	358.7	4.5
20820	17.4	58.7	36587.9	359.0	4.5
20880	17.3	58.6	36586.0	359.2	4.5
20940	17.2	58.6	36584.1	359.5	4.5
21000	17.1	58.6	36582.3	359.7	4.5
21060	17.0	58.6	36580.5	0.0	4.5
21120	16.9	58.6	36578.7	0.3	4.5
21180	16.8	58.6	36576.9	0.5	4.5
21240	16.7	58.6	36575.2	0.8	4.5
21300	16.6	58.6	36573.4	1.1	4.5
21360	16.5	58.6	36571.8	1.4	4.5
21420	16.4	58.5	36570.1	1.6	4.5
21480	16.3	58.5	36568.5	1.9	4.5
21540	16.1	58.5	36566.9	2.2	4.5
21600	16.0	58.5	36565.3	2.4	4.5
21660	15.9	58.5	36563.8	2.7	4.5
21720	15.8	58.5	36562.3	3.0	4.5
21780	15.7	58.5	36560.8	3.3	4.4
21840	15.6	58.4	36559.3	3.5	4.4
21900	15.5	58.4	36557.9	3.8	4.4
21960	15.4	58.4	36556.5	4.1	4.4
22020	15.3	58.4	36555.2	4.4	4.4
22080	15.2	58.4	36553.8	4.6	4.4
22140	15.1	58.4	36552.6	4.9	4.4

22200	15.0	58.4	36551.3	5.2	4.4
22260	14.9	58.3	36550.1	5.5	4.4
22320	14.8	58.3	36548.9	5.7	4.4
22380	14.7	58.3	36547.7	6.0	4.4
22440	14.6	58.3	36546.5	6.3	4.4
22500	14.5	58.3	36545.4	6.6	4.4
22560	14.3	58.3	36544.4	6.9	4.4
22620	14.2	58.2	36543.3	7.2	4.4
22680	14.1	58.2	36542.3	7.4	4.4
22740	14.0	58.2	36541.3	7.7	4.4
22800	13.9	58.2	36540.4	8.0	4.4
22860	13.8	58.2	36539.5	8.3	4.4
22920	13.7	58.2	36538.6	8.6	4.4
22980	13.6	58.1	36537.8	8.9	4.4
23040	13.5	58.1	36537.0	9.1	4.4
23100	13.4	58.1	36536.2	9.4	4.4
23160	13.3	58.1	36535.4	9.7	4.4
23220	13.1	58.1	36534.7	10.0	4.4
23280	13.0	58.0	36534.1	10.3	4.4
23340	12.9	58.0	36533.4	10.6	4.4
23400	12.8	58.0	36532.8	10.9	4.4
23460	12.7	58.0	36532.2	11.1	4.4
23520	12.6	58.0	36531.7	11.4	4.4
23580	12.5	57.9	36531.2	11.7	4.4
23640	12.4	57.9	36530.7	12.0	4.4
23700	12.3	57.9	36530.3	12.3	4.4
23760	12.1	57.9	36529.9	12.6	4.4
23820	12.0	57.9	36529.5	12.9	4.4
23880	11.9	57.8	36529.2	13.1	4.4
23940	11.8	57.8	36528.9	13.4	4.4
24000	11.7	57.8	36528.6	13.7	4.4
24060	11.6	57.8	36528.4	14.0	4.4
24120	11.5	57.7	36528.2	14.3	4.4
24180	11.4	57.7	36528.1	14.6	4.4
24240	11.2	57.7	36527.9	14.9	4.4
24300	11.1	57.7	36527.9	15.2	4.4
24360	11.0	57.7	36527.8	15.5	4.4
24420	10.9	57.6	36527.8	15.7	4.4
24480	10.8	57.6	36527.8	16.0	4.4
24540	10.7	57.6	36527.9	16.3	4.4
24600	10.6	57.6	36528.0	16.6	4.4
24660	10.4	57.5	36528.1	16.9	4.4
24720	10.3	57.5	36528.3	17.2	4.4
24780	10.2	57.5	36528.5	17.5	4.4
24840	10.1	57.5	36528.7	17.8	4.4
24900	10.0	57.4	36529.0	18.0	4.4
24960	9.9	57.4	36529.3	18.3	4.4
25020	9.8	57.4	36529.7	18.6	4.4
25080	9.6	57.4	36530.0	18.9	4.4
25140	9.5	57.3	36530.5	19.2	4.4
25200	9.4	57.3	36530.9	19.5	4.4

25260	9.3	57.3	36531.4	19.8	4.4
25320	9.2	57.3	36532.0	20.0	4.4
25380	9.1	57.2	36532.5	20.3	4.4
25440	8.9	57.2	36533.1	20.6	4.4
25500	8.8	57.2	36533.8	20.9	4.4
25560	8.7	57.2	36534.4	21.2	4.4
25620	8.6	57.1	36535.2	21.5	4.4
25680	8.5	57.1	36535.9	21.7	4.4
25740	8.4	57.1	36536.7	22.0	4.4
25800	8.2	57.0	36537.5	22.3	4.4
25860	8.1	57.0	36538.4	22.6	4.4
25920	8.0	57.0	36539.3	22.9	4.4
25980	7.9	57.0	36540.2	23.1	4.4
26040	7.8	56.9	36541.2	23.4	4.4
26100	7.7	56.9	36542.2	23.7	4.4
26160	7.5	56.9	36543.2	24.0	4.4
26220	7.4	56.9	36544.3	24.2	4.4
26280	7.3	56.8	36545.4	24.5	4.4
26340	7.2	56.8	36546.6	24.8	4.4
26400	7.1	56.8	36547.8	25.1	4.4
26460	6.9	56.7	36549.0	25.4	4.4
26520	6.8	56.7	36550.3	25.6	4.4
26580	6.7	56.7	36551.6	25.9	4.4
26640	6.6	56.7	36552.9	26.2	4.4
26700	6.5	56.6	36554.3	26.4	4.4
26760	6.4	56.6	36555.7	26.7	4.4
26820	6.2	56.6	36557.1	27.0	4.4
26880	6.1	56.5	36558.6	27.3	4.4
26940	6.0	56.5	36560.2	27.5	4.4
27000	5.9	56.5	36561.7	27.8	4.4
27060	5.8	56.5	36563.3	28.1	4.5
27120	5.6	56.4	36564.9	28.3	4.5
27180	5.5	56.4	36566.6	28.6	4.5
27240	5.4	56.4	36568.3	28.8	4.5
27300	5.3	56.3	36570.0	29.1	4.5
27360	5.2	56.3	36571.8	29.4	4.5
27420	5.0	56.3	36573.6	29.6	4.5
27480	4.9	56.3	36575.5	29.9	4.5
27540	4.8	56.2	36577.3	30.2	4.5
27600	4.7	56.2	36579.3	30.4	4.5
27660	4.6	56.2	36581.2	30.7	4.5
27720	4.4	56.1	36583.2	30.9	4.5
27780	4.3	56.1	36585.2	31.2	4.5
27840	4.2	56.1	36587.3	31.4	4.5
27900	4.1	56.0	36589.4	31.7	4.5
27960	4.0	56.0	36591.5	31.9	4.5
28020	3.8	56.0	36593.7	32.2	4.5
28080	3.7	56.0	36595.9	32.2	4.5
28140	3.6	55.9	36598.1	32.2	4.5
28200	3.5	55.9	36600.4	32.2	4.5
28260	3.4	55.9	36602.7	32.2	4.6

28320	3.2	55.8	36605.0	33.4	4.6
28380	3.1	55.8	36607.4	33.7	4.6
28440	3.0	55.8	36609.8	33.9	4.6
28500	2.9	55.7	36612.2	34.1	4.6
28560	2.7	55.7	36614.7	34.4	4.6
28620	2.6	55.7	36617.2	34.6	4.6
28680	2.5	55.6	36619.8	34.9	4.6
28740	2.4	55.6	36622.3	35.1	4.6
28800	2.3	55.6	36625.0	35.3	4.6
28860	2.1	55.5	36627.6	35.6	4.6
28920	2.0	55.5	36630.3	35.8	4.6
28980	1.9	55.5	36633.0	36.0	4.6
29040	1.8	55.5	36635.7	36.3	4.6
29100	1.7	55.4	36638.5	36.5	4.6
29160	1.5	55.4	36641.3	36.7	4.7
29220	1.4	55.4	36644.2	36.9	4.7
29280	1.3	55.3	36647.0	37.2	4.7
29340	1.2	55.3	36650.0	37.4	4.7
29400	1.0	55.3	36652.9	37.6	4.7
29460	0.9	55.2	36655.9	37.8	4.7
29520	0.8	55.2	36658.9	38.1	4.7
29580	0.7	55.2	36661.9	38.3	4.7
29640	0.6	55.1	36665.0	38.5	4.7
29700	0.4	55.1	36668.1	38.7	4.7
29760	0.3	55.1	36671.2	38.9	4.7
29820	0.2	55.0	36674.4	39.1	4.7
29880	0.1	55.0	36677.6	39.4	4.7
29940	0.0	55.0	36680.8	39.6	4.7
30000	-0.2	55.0	36684.0	39.8	4.8
30060	-0.3	54.9	36687.3	40.0	4.8
30120	-0.4	54.9	36690.6	40.2	4.8
30180	-0.5	54.9	36694.0	40.4	4.8
30240	-0.7	54.8	36697.4	40.6	4.8
30300	-0.8	54.8	36700.8	40.8	4.8
30360	-0.9	54.8	36704.2	41.0	4.8
30420	-1.0	54.7	36707.7	41.2	4.8
30480	-1.1	54.7	36711.2	41.4	4.8
30540	-1.3	54.7	36714.7	41.6	4.8
30600	-1.4	54.6	36718.2	41.8	4.8
30660	-1.5	54.6	36721.8	42.0	4.8
30720	-1.6	54.6	36725.4	42.2	4.9
30780	-1.7	54.5	36729.1	42.4	4.9
30840	-1.9	54.5	36732.7	42.6	4.9
30900	-2.0	54.5	36736.4	42.7	4.9
30960	-2.1	54.5	36740.1	42.9	4.9
31020	-2.2	54.4	36743.9	43.1	4.9
31080	-2.4	54.4	36747.6	43.3	4.9
31140	-2.5	54.4	36751.4	43.5	4.9
31200	-2.6	54.3	36755.3	43.7	4.9
31260	-2.7	54.3	36759.1	43.8	4.9
31320	-2.8	54.3	36763.0	44.0	4.9

31380	-3.0	54.2	36766.9	44.2	4.9
31440	-3.1	54.2	36770.8	44.4	5.0
31500	-3.2	54.2	36774.8	44.6	5.0
31560	-3.3	54.1	36778.8	44.7	5.0
31620	-3.4	54.1	36782.8	44.9	5.0
31680	-3.6	54.1	36786.8	45.1	5.0
31740	-3.7	54.1	36790.9	45.2	5.0
31800	-3.8	54.0	36794.9	45.4	5.0
31860	-3.9	54.0	36799.0	45.6	5.0
31920	-4.0	54.0	36803.2	45.7	5.0
31980	-4.2	53.9	36807.3	45.9	5.0
32040	-4.3	53.9	36811.5	46.1	5.0
32100	-4.4	53.9	36815.7	46.2	5.1
32160	-4.5	53.8	36819.9	46.4	5.1
32220	-4.6	53.8	36824.2	46.5	5.1
32280	-4.8	53.8	36828.4	46.7	5.1
32340	-4.9	53.7	36832.7	46.8	5.1
32400	-5.0	53.7	36837.0	47.0	5.1
32460	-5.1	53.7	36841.3	47.2	5.1
32520	-5.2	53.7	36845.7	47.3	5.1
32580	-5.4	53.6	36850.1	47.5	5.1
32640	-5.5	53.6	36854.5	47.6	5.1
32700	-5.6	53.6	36858.9	47.7	5.1
32760	-5.7	53.5	36863.3	47.9	5.2
32820	-5.8	53.5	36867.8	48.0	5.2
32880	-6.0	53.5	36872.2	48.2	5.2
32940	-6.1	53.5	36876.7	48.3	5.2
33000	-6.2	53.4	36881.2	48.5	5.2
33060	-6.3	53.4	36885.8	48.6	5.2
33120	-6.4	53.4	36890.3	48.7	5.2
33180	-6.6	53.3	36894.9	48.9	5.2
33240	-6.7	53.3	36899.5	49.0	5.2
33300	-6.8	53.3	36904.1	49.1	5.2
33360	-6.9	53.3	36908.7	49.3	5.3
33420	-7.0	53.2	36913.3	49.4	5.3
33480	-7.2	53.2	36918.0	49.5	5.3
33540	-7.3	53.2	36922.6	49.7	5.3
33600	-7.4	53.1	36927.3	49.8	5.3
33660	-7.5	53.1	36932.0	49.9	5.3
33720	-7.6	53.1	36936.7	50.0	5.3
33780	-7.7	53.1	36941.5	50.2	5.3
33840	-7.9	53.0	36946.2	50.3	5.3
33900	-8.0	53.0	36951.0	50.4	5.3
33960	-8.1	53.0	36955.7	50.5	5.3
34020	-8.2	53.0	36960.5	50.6	5.4
34080	-8.3	52.9	36965.3	50.7	5.4
34140	-8.4	52.9	36970.2	50.9	5.4
34200	-8.6	52.9	36975.0	51.0	5.4
34260	-8.7	52.8	36979.8	51.1	5.4
34320	-8.8	52.8	36984.7	51.2	5.4
34380	-8.9	52.8	36989.6	51.3	5.4

34440	-9.0	52.8	36994.4	51.4	5.4
34500	-9.1	52.7	36999.3	51.5	5.4
34560	-9.3	52.7	37004.2	51.6	5.4
34620	-9.4	52.7	37009.2	51.7	5.4
34680	-9.5	52.7	37014.1	51.8	5.5
34740	-9.6	52.6	37019.0	51.9	5.5
34800	-9.7	52.6	37024.0	52.0	5.5
34860	-9.8	52.6	37028.9	52.1	5.5
34920	-10.0	52.6	37033.9	52.2	5.5
34980	-10.1	52.5	37038.9	52.3	5.5
35040	-10.2	52.5	37043.8	52.4	5.5
35100	-10.3	52.5	37048.8	52.5	5.5
35160	-10.4	52.5	37053.8	52.6	5.5
35220	-10.5	52.4	37058.8	52.7	5.5
35280	-10.6	52.4	37063.9	52.8	5.6
35340	-10.8	52.4	37068.9	52.9	5.6
35400	-10.9	52.4	37073.9	53.0	5.6
35460	-11.0	52.3	37079.0	53.1	5.6
35520	-11.1	52.3	37084.0	53.2	5.6
35580	-11.2	52.3	37089.1	53.2	5.6
35640	-11.3	52.3	37094.1	53.3	5.6
35700	-11.4	52.3	37099.2	53.4	5.6
35760	-11.6	52.2	37104.2	53.5	5.6
35820	-11.7	52.2	37109.3	53.6	5.6
35880	-11.8	52.2	37114.4	53.6	5.6
35940	-11.9	52.2	37119.5	53.7	5.7
36000	-12.0	52.1	37124.5	53.8	5.7
36060	-12.1	52.1	37129.6	53.9	5.7
36120	-12.2	52.1	37134.7	54.0	5.7
36180	-12.3	52.1	37139.8	54.0	5.7
36240	-12.5	52.1	37144.9	54.1	5.7
36300	-12.6	52.0	37150.0	54.2	5.7
36360	-12.7	52.0	37155.1	54.2	5.7
36420	-12.8	52.0	37160.2	54.3	5.7
36480	-12.9	52.0	37165.3	54.4	5.7
36540	-13.0	52.0	37170.4	54.4	5.7
36600	-13.1	51.9	37175.5	54.5	5.8
36660	-13.2	51.9	37180.6	54.6	5.8
36720	-13.3	51.9	37185.7	54.6	5.8
36780	-13.5	51.9	37190.8	54.7	5.8
36840	-13.6	51.9	37195.9	54.8	5.8
36900	-13.7	51.8	37201.0	54.8	5.8
36960	-13.8	51.8	37206.2	54.9	5.8
37020	-13.9	51.8	37211.3	54.9	5.8
37080	-14.0	51.8	37216.3	55.0	5.8
37140	-14.1	51.8	37221.4	55.1	5.8
37200	-14.2	51.8	37226.5	55.1	5.8
37260	-14.3	51.7	37231.6	55.2	5.8
37320	-14.4	51.7	37236.7	55.2	5.9
37380	-14.5	51.7	37241.8	55.3	5.9
37440	-14.6	51.7	37246.9	55.3	5.9

37500	-14.7	51.7	37252.0	55.4	5.9
37560	-14.9	51.7	37257.0	55.4	5.9
37620	-15.0	51.6	37262.1	55.5	5.9
37680	-15.1	51.6	37267.1	55.5	5.9
37740	-15.2	51.6	37272.2	55.6	5.9
37800	-15.3	51.6	37277.3	55.6	5.9
37860	-15.4	51.6	37282.3	55.6	5.9
37920	-15.5	51.6	37287.3	55.7	5.9
37980	-15.6	51.6	37292.4	55.7	6.0
38040	-15.7	51.5	37297.4	55.8	6.0
38100	-15.8	51.5	37302.4	55.8	6.0
38160	-15.9	51.5	37307.4	55.8	6.0
38220	-16.0	51.5	37312.4	55.9	6.0
38280	-16.1	51.5	37317.4	55.9	6.0
38340	-16.2	51.5	37322.4	56.0	6.0
38400	-16.3	51.5	37327.3	56.0	6.0
38460	-16.4	51.4	37332.3	56.0	6.0
38520	-16.5	51.4	37337.3	56.1	6.0
38580	-16.6	51.4	37342.2	56.1	6.0
38640	-16.7	51.4	37347.1	56.1	6.0
38700	-16.8	51.4	37352.1	56.2	6.0
38760	-16.9	51.4	37357.0	56.2	6.1
38820	-17.0	51.4	37361.9	56.2	6.1
38880	-17.1	51.4	37366.8	56.2	6.1
38940	-17.2	51.4	37371.6	56.3	6.1
39000	-17.3	51.3	37376.5	56.3	6.1
39060	-17.4	51.3	37381.4	56.3	6.1
39120	-17.5	51.3	37386.2	56.3	6.1
39180	-17.6	51.3	37391.0	56.4	6.1
39240	-17.7	51.3	37395.9	56.4	6.1
39300	-17.8	51.3	37400.7	56.4	6.1
39360	-17.9	51.3	37405.4	56.4	6.1
39420	-18.0	51.3	37410.2	56.4	6.1
39480	-18.1	51.3	37415.0	56.5	6.1
39540	-18.2	51.3	37419.7	56.5	6.2
39600	-18.3	51.3	37424.4	56.5	6.2
39660	-18.4	51.2	37429.1	56.5	6.2
39720	-18.5	51.2	37433.8	56.5	6.2
39780	-18.6	51.2	37438.5	56.5	6.2
39840	-18.7	51.2	37443.2	56.6	6.2
39900	-18.8	51.2	37447.8	56.6	6.2
39960	-18.9	51.2	37452.5	56.6	6.2
40020	-19.0	51.2	37457.1	56.6	6.2
40080	-19.1	51.2	37461.7	56.6	6.2
40140	-19.2	51.2	37466.3	56.6	6.2
40200	-19.3	51.2	37470.8	56.6	6.2
40260	-19.4	51.2	37475.4	56.6	6.2
40320	-19.5	51.2	37479.9	56.6	6.2
40380	-19.6	51.2	37484.4	56.6	6.2
40440	-19.7	51.2	37488.9	56.7	6.3
40500	-19.8	51.2	37493.3	56.7	6.3

40560	-19.9	51.2	37497.8	56.7	6.3
40620	-19.9	51.2	37502.2	56.7	6.3
40680	-20.0	51.2	37506.6	56.7	6.3
40740	-20.1	51.2	37511.0	56.7	6.3
40800	-20.2	51.2	37515.3	56.7	6.3
40860	-20.3	51.2	37519.7	56.7	6.3
40920	-20.4	51.2	37524.0	56.7	6.3
40980	-20.5	51.2	37528.3	56.7	6.3
41040	-20.6	51.2	37532.6	56.7	6.3
41100	-20.7	51.2	37536.8	56.7	6.3
41160	-20.8	51.2	37541.1	56.7	6.3
41220	-20.8	51.2	37545.3	56.6	6.3
41280	-20.9	51.2	37549.5	56.6	6.3
41340	-21.0	51.2	37553.6	56.6	6.3
41400	-21.1	51.2	37557.8	56.6	6.4
41460	-21.2	51.2	37561.9	56.6	6.4
41520	-21.3	51.2	37566.0	56.6	6.4
41580	-21.4	51.2	37570.0	56.6	6.4
41640	-21.5	51.2	37574.1	56.6	6.4
41700	-21.5	51.2	37578.1	56.6	6.4
41760	-21.6	51.2	37582.1	56.6	6.4
41820	-21.7	51.2	37586.1	56.6	6.4
41880	-21.8	51.2	37590.0	56.5	6.4
41940	-21.9	51.2	37593.9	56.5	6.4
42000	-22.0	51.2	37597.8	56.5	6.4
42060	-22.0	51.2	37601.7	56.5	6.4
42120	-22.1	51.2	37605.5	56.5	6.4
42180	-22.2	51.2	37609.3	56.5	6.4
42240	-22.3	51.2	37613.1	56.4	6.4
42300	-22.4	51.2	37616.8	56.4	6.4
42360	-22.5	51.2	37620.6	56.4	6.4
42420	-22.5	51.2	37624.3	56.4	6.4
42480	-22.6	51.2	37627.9	56.4	6.5
42540	-22.7	51.2	37631.6	56.3	6.5
42600	-22.8	51.2	37635.2	56.3	6.5
42660	-22.9	51.3	37638.8	56.3	6.5
42720	-22.9	51.3	37642.3	56.3	6.5
42780	-23.0	51.3	37645.9	56.3	6.5
42840	-23.1	51.3	37649.4	56.2	6.5
42900	-23.2	51.3	37652.8	56.2	6.5
42960	-23.2	51.3	37656.3	56.2	6.5
43020	-23.3	51.3	37659.7	56.2	6.5
43080	-23.4	51.3	37663.1	56.1	6.5
43140	-23.5	51.3	37666.4	56.1	6.5
43200	-23.5	51.3	37669.7	56.1	6.5
43260	-23.6	51.3	37673.0	56.0	6.5
43320	-23.7	51.4	37676.3	56.0	6.5
43380	-23.8	51.4	37679.5	56.0	6.5
43440	-23.8	51.4	37682.7	56.0	6.5
43500	-23.9	51.4	37685.9	55.9	6.5
43560	-24.0	51.4	37689.0	55.9	6.5

43620	-24.1	51.4	37692.1	55.9	6.5
43680	-24.1	51.4	37695.2	55.8	6.5
43740	-24.2	51.4	37698.2	55.8	6.5
43800	-24.3	51.5	37701.2	55.8	6.6
43860	-24.3	51.5	37704.2	55.7	6.6
43920	-24.4	51.5	37707.1	55.7	6.6
43980	-24.5	51.5	37710.0	55.6	6.6
44040	-24.6	51.5	37712.9	55.6	6.6
44100	-24.6	51.5	37715.7	55.6	6.6
44160	-24.7	51.5	37718.5	55.5	6.6
44220	-24.8	51.6	37721.3	55.5	6.6
44280	-24.8	51.6	37724.0	55.5	6.6
44340	-24.9	51.6	37726.7	55.4	6.6
44400	-25.0	51.6	37729.4	55.4	6.6
44460	-25.0	51.6	37732.0	55.3	6.6
44520	-25.1	51.6	37734.6	55.3	6.6
44580	-25.2	51.6	37737.2	55.3	6.6
44640	-25.2	51.7	37739.7	55.2	6.6
44700	-25.3	51.7	37742.2	55.2	6.6
44760	-25.3	51.7	37744.7	55.1	6.6
44820	-25.4	51.7	37747.1	55.1	6.6
44880	-25.5	51.7	37749.5	55.0	6.6
44940	-25.5	51.8	37751.8	55.0	6.6
45000	-25.6	51.8	37754.1	54.9	6.6
45060	-25.7	51.8	37756.4	54.9	6.6
45120	-25.7	51.8	37758.7	54.8	6.6
45180	-25.8	51.8	37760.9	54.8	6.6
45240	-25.8	51.9	37763.0	54.7	6.6
45300	-25.9	51.9	37765.2	54.7	6.6
45360	-26.0	51.9	37767.3	54.6	6.6
45420	-26.0	51.9	37769.3	54.6	6.6
45480	-26.1	51.9	37771.4	54.5	6.6
45540	-26.1	52.0	37773.4	54.5	6.6
45600	-26.2	52.0	37775.3	54.4	6.6
45660	-26.2	52.0	37777.2	54.4	6.7
45720	-26.3	52.0	37779.1	54.3	6.7
45780	-26.3	52.0	37780.9	54.3	6.7
45840	-26.4	52.1	37782.7	54.2	6.7
45900	-26.5	52.1	37784.5	54.2	6.7
45960	-26.5	52.1	37786.2	54.1	6.7
46020	-26.6	52.1	37787.9	54.1	6.7
46080	-26.6	52.2	37789.6	54.0	6.7
46140	-26.7	52.2	37791.2	53.9	6.7
46200	-26.7	52.2	37792.8	53.9	6.7
46260	-26.8	52.2	37794.3	53.8	6.7
46320	-26.8	52.3	37795.8	53.8	6.7
46380	-26.9	52.3	37797.3	53.7	6.7
46440	-26.9	52.3	37798.7	53.7	6.7
46500	-27.0	52.3	37800.1	53.6	6.7
46560	-27.0	52.4	37801.4	53.5	6.7
46620	-27.1	52.4	37802.7	53.5	6.7



46680	-27.1	52.4	37804.0	53.4	6.7
46740	-27.2	52.4	37805.2	53.4	6.7
46800	-27.2	52.5	37806.4	53.3	6.7
46860	-27.2	52.5	37807.6	53.2	6.7
46920	-27.3	52.5	37808.7	53.2	6.7
46980	-27.3	52.5	37809.8	53.1	6.7
47040	-27.4	52.6	37810.8	53.0	6.7
47100	-27.4	52.6	37811.8	53.0	6.7
47160	-27.5	52.6	37812.8	52.9	6.7
47220	-27.5	52.6	37813.7	52.8	6.7
47280	-27.5	52.7	37814.5	52.8	6.7
47340	-27.6	52.7	37815.4	52.7	6.7
47400	-27.6	52.7	37816.2	52.6	6.7
47460	-27.7	52.8	37817.0	52.6	6.7
47520	-27.7	52.8	37817.7	52.5	6.7
47580	-27.7	52.8	37818.4	52.4	6.7
47640	-27.8	52.8	37819.0	52.4	6.7
47700	-27.8	52.9	37819.6	52.3	6.7
47760	-27.9	52.9	37820.2	52.2	6.7
47820	-27.9	52.9	37820.7	52.1	6.7
47880	-27.9	53.0	37821.2	52.1	6.7
47940	-28.0	53.0	37821.6	52.0	6.7
48000	-28.0	53.0	37822.0	51.9	6.7
48060	-28.0	53.1	37822.4	51.9	6.7
48120	-28.1	53.1	37822.7	51.8	6.7
48180	-28.1	53.1	37823.0	51.7	6.7
48240	-28.1	53.2	37823.3	51.6	6.7
48300	-28.2	53.2	37823.5	51.6	6.7
48360	-28.2	53.2	37823.6	51.5	6.7
48420	-28.2	53.2	37823.8	51.4	6.7
48480	-28.3	53.3	37823.9	51.3	6.7
48540	-28.3	53.3	37823.9	51.3	6.7
48600	-28.3	53.3	37823.9	51.2	6.7
48660	-28.3	53.4	37823.9	51.1	6.7
48720	-28.4	53.4	37823.8	51.0	6.7
48780	-28.4	53.4	37823.7	51.0	6.7
48840	-28.4	53.5	37823.6	50.9	6.7
48900	-28.5	53.5	37823.4	50.8	6.7
48960	-28.5	53.5	37823.2	50.7	6.7
49020	-28.5	53.6	37822.9	50.6	6.7
49080	-28.5	53.6	37822.6	50.6	6.7
49140	-28.5	53.6	37822.3	50.5	6.7
49200	-28.6	53.7	37821.9	50.4	6.7
49260	-28.6	53.7	37821.5	50.3	6.7
49320	-28.6	53.7	37821.0	50.2	6.7
49380	-28.6	53.8	37820.5	50.1	6.7
49440	-28.7	53.8	37820.0	50.1	6.7
49500	-28.7	53.8	37819.4	50.0	6.7
49560	-28.7	53.9	37818.8	49.9	6.7
49620	-28.7	53.9	37818.1	49.8	6.7
49680	-28.7	53.9	37817.4	49.7	6.7

49740	-28.8	54.0	37816.7	49.6	6.7
49800	-28.8	54.0	37815.9	49.6	6.7
49860	-28.8	54.0	37815.1	49.5	6.7
49920	-28.8	54.1	37814.2	49.4	6.7
49980	-28.8	54.1	37813.4	49.3	6.7
50040	-28.8	54.2	37812.4	49.2	6.7
50100	-28.8	54.2	37811.5	49.1	6.7
50160	-28.9	54.2	37810.5	49.0	6.7
50220	-28.9	54.3	37809.4	48.9	6.7
50280	-28.9	54.3	37808.3	48.9	6.7
50340	-28.9	54.3	37807.2	48.8	6.7
50400	-28.9	54.4	37806.1	48.7	6.7
50460	-28.9	54.4	37804.9	48.6	6.7
50520	-28.9	54.4	37803.6	48.5	6.7
50580	-28.9	54.5	37802.4	48.4	6.7
50640	-28.9	54.5	37801.1	48.3	6.7
50700	-29.0	54.5	37799.7	48.2	6.7
50760	-29.0	54.6	37798.3	48.1	6.7
50820	-29.0	54.6	37796.9	48.0	6.7
50880	-29.0	54.6	37795.5	47.9	6.7
50940	-29.0	54.7	37794.0	47.9	6.7
51000	-29.0	54.7	37792.4	47.8	6.7
51060	-29.0	54.8	37790.9	47.7	6.7
51120	-29.0	54.8	37789.3	47.6	6.7
51180	-29.0	54.8	37787.6	47.5	6.7
51240	-29.0	54.9	37786.0	47.4	6.7
51300	-29.0	54.9	37784.2	47.3	6.7
51360	-29.0	54.9	37782.5	47.2	6.7
51420	-29.0	55.0	37780.7	47.1	6.7
51480	-29.0	55.0	37778.9	47.0	6.7
51540	-29.0	55.0	37777.0	46.9	6.7
51600	-29.0	55.1	37775.1	46.8	6.6
51660	-29.0	55.1	37773.2	46.7	6.6
51720	-29.0	55.2	37771.2	46.6	6.6
51780	-29.0	55.2	37769.2	46.5	6.6
51840	-29.0	55.2	37767.2	46.4	6.6
51900	-29.0	55.3	37765.1	46.3	6.6
51960	-29.0	55.3	37763.0	46.2	6.6
52020	-29.0	55.3	37760.9	46.1	6.6
52080	-29.0	55.4	37758.7	46.0	6.6
52140	-29.0	55.4	37756.5	45.9	6.6
52200	-29.0	55.4	37754.3	45.8	6.6
52260	-28.9	55.5	37752.0	45.7	6.6
52320	-28.9	55.5	37749.7	45.6	6.6
52380	-28.9	55.5	37747.3	45.5	6.6
52440	-28.9	55.6	37745.0	45.4	6.6
52500	-28.9	55.6	37742.6	45.3	6.6
52560	-28.9	55.7	37740.1	45.2	6.6
52620	-28.9	55.7	37737.6	45.1	6.6
52680	-28.9	55.7	37735.1	45.0	6.6
52740	-28.9	55.8	37732.6	44.9	6.6

52800	-28.8	55.8	37730.0	44.8	6.6
52860	-28.8	55.8	37727.4	44.6	6.6
52920	-28.8	55.9	37724.8	44.5	6.6
52980	-28.8	55.9	37722.1	44.4	6.6
53040	-28.8	55.9	37719.4	44.3	6.6
53100	-28.8	56.0	37716.7	44.2	6.6
53160	-28.8	56.0	37713.9	44.1	6.6
53220	-28.7	56.0	37711.1	44.0	6.6
53280	-28.7	56.1	37708.3	43.9	6.6
53340	-28.7	56.1	37705.4	43.8	6.6
53400	-28.7	56.1	37702.5	43.7	6.6
53460	-28.7	56.2	37699.6	43.6	6.5
53520	-28.6	56.2	37696.7	43.5	6.5
53580	-28.6	56.2	37693.7	43.3	6.5
53640	-28.6	56.3	37690.7	43.2	6.5
53700	-28.6	56.3	37687.6	43.1	6.5
53760	-28.6	56.3	37684.6	43.0	6.5
53820	-28.5	56.4	37681.5	42.9	6.5
53880	-28.5	56.4	37678.4	42.8	6.5
53940	-28.5	56.4	37675.2	42.7	6.5
54000	-28.5	56.5	37672.0	42.6	6.5
54060	-28.4	56.5	37668.8	42.4	6.5
54120	-28.4	56.5	37665.6	42.3	6.5
54180	-28.4	56.6	37662.3	42.2	6.5
54240	-28.4	56.6	37659.0	42.1	6.5
54300	-28.3	56.6	37655.7	42.0	6.5
54360	-28.3	56.7	37652.3	41.9	6.5
54420	-28.3	56.7	37649.0	41.7	6.5
54480	-28.2	56.7	37645.6	41.6	6.5
54540	-28.2	56.8	37642.1	41.5	6.5
54600	-28.2	56.8	37638.7	41.4	6.5
54660	-28.1	56.8	37635.2	41.3	6.5
54720	-28.1	56.9	37631.7	41.2	6.5
54780	-28.1	56.9	37628.2	41.0	6.5
54840	-28.0	56.9	37624.6	40.9	6.4
54900	-28.0	57.0	37621.0	40.8	6.4
54960	-28.0	57.0	37617.4	40.7	6.4
55020	-27.9	57.0	37613.8	40.6	6.4
55080	-27.9	57.0	37610.1	40.4	6.4
55140	-27.9	57.1	37606.5	40.3	6.4
55200	-27.8	57.1	37602.8	40.2	6.4
55260	-27.8	57.1	37599.0	40.1	6.4
55320	-27.8	57.2	37595.3	39.9	6.4
55380	-27.7	57.2	37591.5	39.8	6.4
55440	-27.7	57.2	37587.7	39.7	6.4
55500	-27.6	57.2	37583.9	39.6	6.4
55560	-27.6	57.3	37580.1	39.4	6.4
55620	-27.6	57.3	37576.2	39.3	6.4
55680	-27.5	57.3	37572.3	39.2	6.4
55740	-27.5	57.4	37568.4	39.1	6.4
55800	-27.4	57.4	37564.5	38.9	6.4

55860	-27.4	57.4	37560.6	38.8	6.4
55920	-27.3	57.4	37556.6	38.7	6.4
55980	-27.3	57.5	37552.6	38.6	6.3
56040	-27.3	57.5	37548.6	38.4	6.3
56100	-27.2	57.5	37544.6	38.3	6.3
56160	-27.2	57.6	37540.5	38.2	6.3
56220	-27.1	57.6	37536.5	38.0	6.3
56280	-27.1	57.6	37532.4	37.9	6.3
56340	-27.0	57.6	37528.3	37.8	6.3
56400	-27.0	57.7	37524.2	37.7	6.3
56460	-26.9	57.7	37520.0	37.5	6.3
56520	-26.9	57.7	37515.9	37.4	6.3
56580	-26.8	57.7	37511.7	37.3	6.3
56640	-26.8	57.8	37507.5	37.1	6.3
56700	-26.7	57.8	37503.3	37.0	6.3
56760	-26.7	57.8	37499.1	36.9	6.3
56820	-26.6	57.8	37494.9	36.7	6.3
56880	-26.6	57.8	37490.6	36.6	6.3
56940	-26.5	57.9	37486.3	36.5	6.3
57000	-26.5	57.9	37482.1	36.3	6.2
57060	-26.4	57.9	37477.8	36.2	6.2
57120	-26.4	57.9	37473.4	36.0	6.2
57180	-26.3	58.0	37469.1	35.9	6.2
57240	-26.3	58.0	37464.8	35.8	6.2
57300	-26.2	58.0	37460.4	35.6	6.2
57360	-26.1	58.0	37456.0	35.5	6.2
57420	-26.1	58.1	37451.7	35.4	6.2
57480	-26.0	58.1	37447.3	35.2	6.2
57540	-26.0	58.1	37442.8	35.1	6.2
57600	-25.9	58.1	37438.4	34.9	6.2
57660	-25.9	58.1	37434.0	34.8	6.2
57720	-25.8	58.2	37429.5	34.7	6.2
57780	-25.7	58.2	37425.1	34.5	6.2
57840	-25.7	58.2	37420.6	34.4	6.2
57900	-25.6	58.2	37416.1	34.2	6.1
57960	-25.6	58.2	37411.6	34.1	6.1
58020	-25.5	58.2	37407.1	33.9	6.1
58080	-25.4	58.3	37402.6	33.8	6.1
58140	-25.4	58.3	37398.1	33.7	6.1
58200	-25.3	58.3	37393.6	33.5	6.1
58260	-25.2	58.3	37389.0	33.4	6.1
58320	-25.2	58.3	37384.5	33.2	6.1
58380	-25.1	58.4	37379.9	33.1	6.1
58440	-25.0	58.4	37375.4	32.9	6.1
58500	-25.0	58.4	37370.8	32.8	6.1
58560	-24.9	58.4	37366.2	32.6	6.1
58620	-24.8	58.4	37361.6	32.5	6.1
58680	-24.8	58.4	37357.0	32.3	6.1
58740	-24.7	58.4	37352.4	32.2	6.0
58800	-24.6	58.5	37347.8	32.0	6.0
58860	-24.6	58.5	37343.2	31.9	6.0

58920	-24.5	58.5	37338.6	31.7	6.0
58980	-24.4	58.5	37334.0	31.6	6.0
59040	-24.4	58.5	37329.4	31.4	6.0
59100	-24.3	58.5	37324.7	31.3	6.0
59160	-24.2	58.5	37320.1	31.1	6.0
59220	-24.2	58.6	37315.4	31.0	6.0
59280	-24.1	58.6	37310.8	30.8	6.0
59340	-24.0	58.6	37306.2	30.7	6.0
59400	-23.9	58.6	37301.5	30.5	6.0
59460	-23.9	58.6	37296.8	30.3	6.0
59520	-23.8	58.6	37292.2	30.2	6.0
59580	-23.7	58.6	37287.5	30.0	5.9
59640	-23.6	58.6	37282.9	29.9	5.9
59700	-23.6	58.7	37278.2	29.7	5.9
59760	-23.5	58.7	37273.5	29.6	5.9
59820	-23.4	58.7	37268.9	29.4	5.9
59880	-23.3	58.7	37264.2	29.2	5.9
59940	-23.3	58.7	37259.6	29.1	5.9
60000	-23.2	58.7	37254.9	28.9	5.9
60060	-23.1	58.7	37250.2	28.8	5.9
60120	-23.0	58.7	37245.6	28.6	5.9
60180	-23.0	58.7	37240.9	28.4	5.9
60240	-22.9	58.7	37236.2	28.3	5.9
60300	-22.8	58.7	37231.6	28.1	5.8
60360	-22.7	58.7	37226.9	27.9	5.8
60420	-22.6	58.8	37222.3	27.8	5.8
60480	-22.6	58.8	37217.6	27.6	5.8
60540	-22.5	58.8	37213.0	27.4	5.8
60600	-22.4	58.8	37208.3	27.3	5.8
60660	-22.3	58.8	37203.7	27.1	5.8
60720	-22.2	58.8	37199.0	26.9	5.8
60780	-22.2	58.8	37194.4	26.8	5.8
60840	-22.1	58.8	37189.7	26.6	5.8
60900	-22.0	58.8	37185.1	26.4	5.8
60960	-21.9	58.8	37180.5	26.3	5.8
61020	-21.8	58.8	37175.9	26.1	5.8
61080	-21.7	58.8	37171.3	25.9	5.7
61140	-21.6	58.8	37166.7	25.7	5.7
61200	-21.6	58.8	37162.1	25.6	5.7
61260	-21.5	58.8	37157.5	25.4	5.7
61320	-21.4	58.8	37152.9	25.2	5.7
61380	-21.3	58.8	37148.3	25.1	5.7
61440	-21.2	58.8	37143.7	24.9	5.7
61500	-21.1	58.8	37139.2	24.7	5.7
61560	-21.0	58.8	37134.6	24.5	5.7
61620	-21.0	58.8	37130.1	24.3	5.7
61680	-20.9	58.8	37125.5	24.2	5.7
61740	-20.8	58.8	37121.0	24.0	5.7
61800	-20.7	58.8	37116.5	23.8	5.6
61860	-20.6	58.8	37112.0	23.6	5.6
61920	-20.5	58.8	37107.5	23.5	5.6

61980	-20.4	58.8	37560.6	23.3	5.6
62040	-20.3	58.8	37556.6	23.1	5.6
62100	-20.2	58.8	37552.6	22.9	5.6
62160	-20.2	58.8	37548.6	22.7	5.6
62220	-20.1	58.8	37544.6	22.5	5.6
62280	-20.0	58.8	37540.5	22.4	5.6
62340	-19.9	58.8	37536.5	22.2	5.6
62400	-19.8	58.8	37532.4	22.0	5.6
62460	-19.7	58.8	37528.3	21.8	5.6
62520	-19.6	58.8	37524.2	21.6	5.6
62580	-19.5	58.8	37520.0	21.4	5.5
62640	-19.4	58.8	37515.9	21.2	5.5
62700	-19.3	58.8	37511.7	21.0	5.5
62760	-19.2	58.8	37507.5	20.9	5.5
62820	-19.1	58.8	37503.3	20.7	5.5
62880	-19.0	58.8	37499.1	20.5	5.5
62940	-18.9	58.8	37494.9	20.3	5.5
63000	-18.8	58.8	37490.6	20.1	5.5
63060	-18.7	58.8	37486.3	19.9	5.5
63120	-18.7	58.8	37482.1	19.7	5.5
63180	-18.6	58.7	37477.8	19.5	5.5
63240	-18.5	58.7	37473.4	19.3	5.5
63300	-18.4	58.7	37469.1	19.1	5.4
63360	-18.3	58.7	37464.8	18.9	5.4
63420	-18.2	58.7	37460.4	18.7	5.4
63480	-18.1	58.7	37456.0	18.5	5.4
63540	-18.0	58.7	37451.7	18.3	5.4
63600	-17.9	58.7	37447.3	18.1	5.4
63660	-17.8	58.7	37442.8	17.9	5.4
63720	-17.7	58.7	37438.4	17.7	5.4
63780	-17.6	58.7	37434.0	17.5	5.4
63840	-17.5	58.7	37429.5	17.3	5.4
63900	-17.4	58.6	37425.1	17.1	5.4
63960	-17.3	58.6	37420.6	16.9	5.4
64020	-17.2	58.6	37416.1	16.7	5.4
64080	-17.1	58.6	37411.6	16.5	5.3
64140	-17.0	58.6	37407.1	16.3	5.3
64200	-16.9	58.6	37402.6	16.1	5.3
64260	-16.8	58.6	37398.1	15.9	5.3
64320	-16.7	58.6	37393.6	15.7	5.3
64380	-16.6	58.6	37389.0	15.5	5.3
64440	-16.5	58.5	37384.5	15.3	5.3
64500	-16.4	58.5	37379.9	15.1	5.3
64560	-16.3	58.5	37375.4	14.9	5.3
64620	-16.1	58.5	37370.8	14.7	5.3
64680	-16.0	58.5	37366.2	14.4	5.3
64740	-15.9	58.5	37361.6	14.2	5.3
64800	-15.8	58.5	37357.0	14.0	5.3
64860	-15.7	58.5	37352.4	13.8	5.2
64920	-15.6	58.4	37347.8	13.6	5.2
64980	-15.5	58.4	37343.2	13.4	5.2

65040	-15.4	58.4	36893.9	13.2	5.2
65100	-15.3	58.4	36890.3	13.0	5.2
65160	-15.2	58.4	36886.8	12.7	5.2
65220	-15.1	58.4	36883.2	12.5	5.2
65280	-15.0	58.4	36879.7	12.3	5.2
65340	-14.9	58.3	36876.2	12.1	5.2
65400	-14.8	58.3	36872.7	11.9	5.2
65460	-14.7	58.3	36869.3	11.6	5.2
65520	-14.6	58.3	36865.9	11.4	5.2
65580	-14.5	58.3	36862.5	11.2	5.2
65640	-14.4	58.3	36859.1	11.0	5.1
65700	-14.2	58.2	36855.8	10.8	5.1
65760	-14.1	58.2	36852.5	10.5	5.1
65820	-14.0	58.2	36849.2	10.3	5.1
65880	-13.9	58.2	36845.9	10.1	5.1
65940	-13.8	58.2	36842.7	9.9	5.1
66000	-13.7	58.1	36839.5	9.6	5.1
66060	-13.6	58.1	36836.3	9.4	5.1
66120	-13.5	58.1	36833.2	9.2	5.1
66180	-13.4	58.1	36830.0	9.0	5.1
66240	-13.3	58.1	36826.9	8.7	5.1
66300	-13.2	58.1	36823.9	8.5	5.1
66360	-13.0	58.0	36820.8	8.3	5.1
66420	-12.9	58.0	36817.8	8.1	5.1
66480	-12.8	58.0	36814.8	7.8	5.1
66540	-12.7	58.0	36811.9	7.6	5.0
66600	-12.6	58.0	36808.9	7.4	5.0
66660	-12.5	57.9	36806.0	7.1	5.0
66720	-12.4	57.9	36803.2	6.9	5.0
66780	-12.3	57.9	36800.3	6.7	5.0
66840	-12.2	57.9	36797.5	6.4	5.0
66900	-12.0	57.8	36794.7	6.2	5.0
66960	-11.9	57.8	36792.0	6.0	5.0
67020	-11.8	57.8	36789.2	5.7	5.0
67080	-11.7	57.8	36786.6	5.5	5.0
67140	-11.6	57.8	36783.9	5.3	5.0
67200	-11.5	57.7	36781.3	5.0	5.0
67260	-11.4	57.7	36778.6	4.8	5.0
67320	-11.3	57.7	36776.1	4.6	5.0
67380	-11.1	57.7	36773.5	4.3	5.0
67440	-11.0	57.6	36771.0	4.1	5.0
67500	-10.9	57.6	36768.5	3.8	5.0
67560	-10.8	57.6	36766.1	3.6	4.9
67620	-10.7	57.6	36763.7	3.4	4.9
67680	-10.6	57.6	36761.3	3.1	4.9
67740	-10.5	57.5	36758.9	2.9	4.9
67800	-10.3	57.5	36756.6	2.6	4.9
67860	-10.2	57.5	36754.3	2.4	4.9
67920	-10.1	57.5	36752.0	2.2	4.9
67980	-10.0	57.4	36749.8	1.9	4.9
68040	-9.9	57.4	36747.6	1.7	4.9

68100	-9.8	57.4	36745.4	1.4	4.9
68160	-9.6	57.4	36743.3	1.2	4.9
68220	-9.5	57.3	36741.2	1.0	4.9
68280	-9.4	57.3	36739.1	0.7	4.9
68340	-9.3	57.3	36737.0	0.5	4.9
68400	-9.2	57.3	36735.0	0.2	4.9
68460	-9.1	57.2	36733.1	360.0	4.9
68520	-8.9	57.2	36731.1	359.7	4.9
68580	-8.8	57.2	36729.2	359.5	4.9
68640	-8.7	57.2	36727.3	359.2	4.9
68700	-8.6	57.1	36725.5	359.0	4.9
68760	-8.5	57.1	36723.7	358.8	4.8
68820	-8.4	57.1	36721.9	358.5	4.8
68880	-8.2	57.0	36720.1	358.3	4.8
68940	-8.1	57.0	36718.4	358.0	4.8
69000	-8.0	57.0	36716.7	357.8	4.8
69060	-7.9	57.0	36715.1	357.5	4.8
69120	-7.8	56.9	36713.5	357.3	4.8
69180	-7.7	56.9	36711.9	357.0	4.8
69240	-7.5	56.9	36710.3	356.8	4.8
69300	-7.4	56.9	36708.8	356.5	4.8
69360	-7.3	56.8	36707.3	356.3	4.8
69420	-7.2	56.8	36705.9	356.0	4.8
69480	-7.1	56.8	36704.5	355.8	4.8
69540	-7.0	56.7	36703.1	355.5	4.8
69600	-6.8	56.7	36701.7	355.3	4.8
69660	-6.7	56.7	36700.4	355.0	4.8
69720	-6.6	56.7	36699.2	354.8	4.8
69780	-6.5	56.6	36697.9	354.5	4.8
69840	-6.4	56.6	36696.7	354.3	4.8
69900	-6.2	56.6	36695.5	354.0	4.8
69960	-6.1	56.5	36694.4	353.8	4.8
70020	-6.0	56.5	36693.2	353.5	4.8
70080	-5.9	56.5	36692.2	353.3	4.8
70140	-5.8	56.5	36691.1	353.1	4.8
70200	-5.6	56.4	36690.1	352.8	4.8
70260	-5.5	56.4	36689.1	352.6	4.8
70320	-5.4	56.4	36688.2	352.3	4.8
70380	-5.3	56.3	36687.3	352.1	4.8
70440	-5.2	56.3	36686.4	351.8	4.8
70500	-5.0	56.3	36685.6	351.6	4.8
70560	-4.9	56.2	36684.7	351.3	4.8
70620	-4.8	56.2	36684.0	351.1	4.8
70680	-4.7	56.2	36683.2	350.8	4.8
70740	-4.6	56.2	36682.5	350.6	4.8
70800	-4.4	56.1	36681.8	350.3	4.8
70860	-4.3	56.1	36681.2	350.1	4.7
70920	-4.2	56.1	36680.6	349.8	4.7
70980	-4.1	56.0	36680.0	349.6	4.7
71040	-4.0	56.0	36679.5	349.3	4.7
71100	-3.8	56.0	36679.0	349.1	4.7

71160	-3.7	55.9	36678.5	348.8	4.7
71220	-3.6	55.9	36678.0	348.6	4.7
71280	-3.5	55.9	36677.6	348.3	4.7
71340	-3.4	55.9	36677.3	348.1	4.7
71400	-3.2	55.8	36676.9	347.9	4.7
71460	-3.1	55.8	36676.6	347.6	4.7
71520	-3.0	55.8	36676.3	347.4	4.7
71580	-2.9	55.7	36676.1	347.1	4.7
71640	-2.8	55.7	36675.9	346.9	4.7
71700	-2.6	55.7	36675.7	346.6	4.7
71760	-2.5	55.6	36675.6	346.4	4.7
71820	-2.4	55.6	36675.5	346.2	4.7
71880	-2.3	55.6	36675.4	345.9	4.7
71940	-2.1	55.5	36675.3	345.7	4.7
72000	-2.0	55.5	36675.3	345.4	4.7
72060	-1.9	55.5	36675.4	345.2	4.7
72120	-1.8	55.5	36675.4	344.9	4.7
72180	-1.7	55.4	36675.5	344.7	4.7
72240	-1.5	55.4	36675.6	344.5	4.7
72300	-1.4	55.4	36675.8	344.2	4.7
72360	-1.3	55.3	36676.0	344.0	4.7
72420	-1.2	55.3	36676.2	343.8	4.7
72480	-1.1	55.3	36676.4	343.5	4.7
72540	-0.9	55.2	36676.7	343.3	4.7
72600	-0.8	55.2	36677.0	343.0	4.7
72660	-0.7	55.2	36677.3	342.8	4.7
72720	-0.6	55.1	36677.7	342.6	4.7
72780	-0.4	55.1	36678.1	342.3	4.7
72840	-0.3	55.1	36678.6	342.1	4.7
72900	-0.2	55.0	36679.0	341.9	4.7
72960	-0.1	55.0	36679.5	341.6	4.7
73020	0.0	55.0	36680.1	341.4	4.7
73080	0.2	54.9	36680.6	341.2	4.7
73140	0.3	54.9	36681.2	340.9	4.7
73200	0.4	54.9	36681.8	340.7	4.8
73260	0.5	54.9	36682.5	340.5	4.8
73320	0.6	54.8	36683.2	340.3	4.8
73380	0.8	54.8	36683.9	340.0	4.8
73440	0.9	54.8	36684.6	339.8	4.8
73500	1.0	54.7	36685.4	339.6	4.8
73560	1.1	54.7	36686.2	339.4	4.8
73620	1.3	54.7	36687.0	339.1	4.8
73680	1.4	54.6	36687.9	338.9	4.8
73740	1.5	54.6	36688.8	338.7	4.8
73800	1.6	54.6	36689.7	338.5	4.8
73860	1.7	54.5	36690.7	338.2	4.8
73920	1.9	54.5	36691.7	338.0	4.8
73980	2.0	54.5	36692.7	337.8	4.8
74040	2.1	54.4	36693.7	337.6	4.8
74100	2.2	54.4	36694.8	337.4	4.8
74160	2.3	54.4	36695.9	337.1	4.8

74220	2.5	54.4	36697.0	336.9	4.8
74280	2.6	54.3	36698.1	336.7	4.8
74340	2.7	54.3	36699.3	336.5	4.8
74400	2.8	54.3	36700.5	336.3	4.8
74460	3.0	54.2	36701.8	336.1	4.8
74520	3.1	54.2	36703.0	335.9	4.8
74580	3.2	54.2	36704.3	335.7	4.8
74640	3.3	54.1	36705.6	335.5	4.8
74700	3.4	54.1	36707.0	335.2	4.8
74760	3.6	54.1	36708.3	335.0	4.8
74820	3.7	54.0	36709.7	334.8	4.8
74880	3.8	54.0	36711.2	334.6	4.8
74940	3.9	54.0	36712.6	334.4	4.8
75000	4.0	54.0	36714.1	334.2	4.8
75060	4.2	53.9	36715.6	334.0	4.8
75120	4.3	53.9	36717.1	333.8	4.8
75180	4.4	53.9	36718.6	333.6	4.8
75240	4.5	53.8	36720.2	333.4	4.8
75300	4.6	53.8	36721.8	333.2	4.8
75360	4.8	53.8	36723.4	333.0	4.8
75420	4.9	53.7	36725.1	332.8	4.9
75480	5.0	53.7	36726.8	332.6	4.9
75540	5.1	53.7	36728.5	332.4	4.9
75600	5.2	53.7	36730.2	332.2	4.9
75660	5.4	53.6	36731.9	332.1	4.9
75720	5.5	53.6	36733.7	331.9	4.9
75780	5.6	53.6	36735.5	331.7	4.9
75840	5.7	53.5	36737.3	331.5	4.9
75900	5.8	53.5	36739.1	331.3	4.9
75960	6.0	53.5	36741.0	331.1	4.9
76020	6.1	53.5	36742.9	330.9	4.9
76080	6.2	53.4	36744.8	330.7	4.9
76140	6.3	53.4	36746.7	330.6	4.9
76200	6.4	53.4	36748.7	330.4	4.9
76260	6.6	53.3	36750.6	330.2	4.9
76320	6.7	53.3	36752.6	330.0	4.9
76380	6.8	53.3	36754.6	329.8	4.9
76440	6.9	53.3	36756.7	329.7	4.9
76500	7.0	53.2	36758.7	329.5	4.9
76560	7.1	53.2	36760.8	329.3	4.9
76620	7.3	53.2	36762.9	329.1	4.9
76680	7.4	53.1	36765.0	329.0	4.9
76740	7.5	53.1	36767.1	328.8	4.9
76800	7.6	53.1	36769.3	328.6	5.0
76860	7.7	53.1	36771.5	328.5	5.0
76920	7.9	53.0	36773.7	328.3	5.0
76980	8.0	53.0	36775.9	328.1	5.0
77040	8.1	53.0	36778.1	328.0	5.0
77100	8.2	52.9	36780.3	327.8	5.0
77160	8.3	52.9	36782.6	327.6	5.0
77220	8.4	52.9	36784.9	327.5	5.0

77280	8.6	52.9	36787.2	327.3	5.0
77340	8.7	52.8	36789.5	327.2	5.0
77400	8.8	52.8	36791.8	327.0	5.0
77460	8.9	52.8	36794.2	326.8	5.0
77520	9.0	52.8	36796.5	326.7	5.0
77580	9.1	52.7	36798.9	326.5	5.0
77640	9.3	52.7	36801.3	326.4	5.0
77700	9.4	52.7	36803.7	326.2	5.0
77760	9.5	52.7	36806.2	326.1	5.0
77820	9.6	52.6	36808.6	325.9	5.0
77880	9.7	52.6	36811.1	325.8	5.0
77940	9.8	52.6	36813.5	325.6	5.1
78000	10.0	52.6	36816.0	325.5	5.1
78060	10.1	52.5	36818.5	325.3	5.1
78120	10.2	52.5	36821.0	325.2	5.1
78180	10.3	52.5	36823.6	325.1	5.1
78240	10.4	52.5	36826.1	324.9	5.1
78300	10.5	52.4	36828.7	324.8	5.1
78360	10.6	52.4	36831.2	324.6	5.1
78420	10.8	52.4	36833.8	324.5	5.1
78480	10.9	52.4	36836.4	324.4	5.1
78540	11.0	52.3	36839.0	324.2	5.1
78600	11.1	52.3	36841.6	324.1	5.1
78660	11.2	52.3	36844.2	324.0	5.1
78720	11.3	52.3	36846.9	323.8	5.1
78780	11.4	52.3	36849.5	323.7	5.1
78840	11.6	52.2	36852.2	323.6	5.1
78900	11.7	52.2	36854.8	323.4	5.1
78960	11.8	52.2	36857.5	323.3	5.1
79020	11.9	52.2	36860.2	323.2	5.2
79080	12.0	52.1	36862.9	323.1	5.2
79140	12.1	52.1	36865.6	322.9	5.2
79200	12.2	52.1	36868.3	322.8	5.2
79260	12.3	52.1	36871.0	322.7	5.2
79320	12.5	52.1	36873.8	322.6	5.2
79380	12.6	52.0	36876.5	322.5	5.2
79440	12.7	52.0	36879.3	322.3	5.2
79500	12.8	52.0	36882.0	322.2	5.2
79560	12.9	52.0	36884.8	322.1	5.2
79620	13.0	52.0	36887.6	322.0	5.2
79680	13.1	51.9	36890.3	321.9	5.2
79740	13.2	51.9	36893.1	321.8	5.2
79800	13.3	51.9	36895.9	321.7	5.2
79860	13.4	51.9	36898.7	321.6	5.2
79920	13.6	51.9	36901.5	321.5	5.2
79980	13.7	51.8	36904.3	321.4	5.2
80040	13.8	51.8	36907.1	321.2	5.2
80100	13.9	51.8	36909.9	321.1	5.3
80160	14.0	51.8	36912.7	321.0	5.3
80220	14.1	51.8	36915.6	320.9	5.3
80280	14.2	51.8	36918.4	320.8	5.3

80340	14.3	51.7	36921.2	320.7	5.3
80400	14.4	51.7	36924.0	320.6	5.3
80460	14.5	51.7	36926.9	320.5	5.3
80520	14.6	51.7	36929.7	320.5	5.3
80580	14.7	51.7	36932.5	320.4	5.3
80640	14.9	51.7	36935.4	320.3	5.3
80700	15.0	51.6	36938.2	320.2	5.3
80760	15.1	51.6	36941.1	320.1	5.3
80820	15.2	51.6	36943.9	320.0	5.3
80880	15.3	51.6	36946.8	319.9	5.3
80940	15.4	51.6	36949.6	319.8	5.3
81000	15.5	51.6	36952.5	319.7	5.3
81060	15.6	51.5	36955.3	319.6	5.3
81120	15.7	51.5	36958.2	319.6	5.4
81180	15.8	51.5	36961.0	319.5	5.4
81240	15.9	51.5	36963.9	319.4	5.4
81300	16.0	51.5	36966.7	319.3	5.4
81360	16.1	51.5	36969.5	319.2	5.4
81420	16.2	51.5	36972.4	319.2	5.4
81480	16.3	51.5	36975.2	319.1	5.4
81540	16.4	51.4	36978.1	319.0	5.4
81600	16.5	51.4	36980.9	318.9	5.4
81660	16.6	51.4	36983.7	318.9	5.4
81720	16.7	51.4	36986.6	318.8	5.4
81780	16.8	51.4	36989.4	318.7	5.4
81840	16.9	51.4	36992.2	318.6	5.4
81900	17.0	51.4	36995.0	318.6	5.4
81960	17.1	51.4	36997.8	318.5	5.4
82020	17.2	51.3	37000.7	318.4	5.4
82080	17.3	51.3	37003.5	318.4	5.4
82140	17.4	51.3	37006.3	318.3	5.4
82200	17.5	51.3	37009.1	318.2	5.4
82260	17.6	51.3	37011.9	318.2	5.5
82320	17.7	51.3	37014.6	318.1	5.5
82380	17.8	51.3	37017.4	318.1	5.5
82440	17.9	51.3	37020.2	318.0	5.5
82500	18.0	51.3	37023.0	317.9	5.5
82560	18.1	51.3	37025.7	317.9	5.5
82620	18.2	51.3	37028.5	317.8	5.5
82680	18.3	51.3	37031.2	317.8	5.5
82740	18.4	51.2	37033.9	317.7	5.5
82800	18.5	51.2	37036.7	317.7	5.5
82860	18.6	51.2	37039.4	317.6	5.5
82920	18.7	51.2	37042.1	317.5	5.5
82980	18.8	51.2	37044.8	317.5	5.5
83040	18.9	51.2	37047.5	317.4	5.5
83100	19.0	51.2	37050.2	317.4	5.5
83160	19.1	51.2	37052.9	317.4	5.5
83220	19.2	51.2	37055.5	317.3	5.5
83280	19.3	51.2	37058.2	317.3	5.5
83340	19.4	51.2	37060.8	317.2	5.5

83400	19.5	51.2	37063.5	317.2	5.6
83460	19.6	51.2	37066.1	317.1	5.6
83520	19.7	51.2	37068.7	317.1	5.6
83580	19.8	51.2	37071.3	317.0	5.6
83640	19.8	51.2	37073.9	317.0	5.6
83700	19.9	51.2	37076.5	317.0	5.6
83760	20.0	51.2	37079.0	316.9	5.6
83820	20.1	51.2	37081.6	316.9	5.6
83880	20.2	51.2	37084.1	316.9	5.6
83940	20.3	51.2	37086.7	316.8	5.6
84000	20.4	51.2	37089.2	316.8	5.6
84060	20.5	51.2	37091.7	316.8	5.6
84120	20.6	51.2	37094.2	316.7	5.6
84180	20.7	51.2	37096.6	316.7	5.6
84240	20.8	51.2	37099.1	316.7	5.6
84300	20.8	51.2	37101.5	316.6	5.6
84360	20.9	51.2	37104.0	316.6	5.6
84420	21.0	51.2	37106.4	316.6	5.6
84480	21.1	51.2	37108.8	316.6	5.6
84540	21.2	51.2	37111.2	316.5	5.6
84600	21.3	51.2	37113.6	316.5	5.6
84660	21.4	51.2	37115.9	316.5	5.6
84720	21.5	51.2	37118.3	316.5	5.7
84780	21.5	51.2	37120.6	316.4	5.7
84840	21.6	51.2	37122.9	316.4	5.7
84900	21.7	51.2	37125.2	316.4	5.7

84960	21.8	51.2	37127.5	316.4	5.7
85020	21.9	51.2	37129.7	316.4	5.7
85080	22.0	51.2	37132.0	316.3	5.7
85140	22.0	51.2	37134.2	316.3	5.7
85200	22.1	51.2	37136.4	316.3	5.7
85260	22.2	51.2	37138.6	316.3	5.7
85320	22.3	51.2	37140.7	316.3	5.7
85380	22.4	51.2	37142.9	316.3	5.7
85440	22.5	51.2	37145.0	316.3	5.7
85500	22.5	51.2	37147.1	316.3	5.7
85560	22.6	51.2	37149.2	316.2	5.7
85620	22.7	51.2	37151.3	316.2	5.7
85680	22.8	51.2	37153.4	316.2	5.7
85740	22.9	51.2	37155.4	316.2	5.7
85800	22.9	51.3	37157.4	316.2	5.7
85860	23.0	51.3	37159.4	316.2	5.7
85920	23.1	51.3	37161.4	316.2	5.7
85980	23.2	51.3	37163.4	316.2	5.7
86040	23.2	51.3	37165.3	316.2	5.7
86100	23.3	51.3	37167.2	316.2	5.7
86160	23.4	51.3	37169.1	316.2	5.7
86220	23.5	51.3	37171.0	316.2	5.7
86280	23.5	51.3	37172.8	316.2	5.7
86340	23.6	51.3	37174.7	316.2	5.8
86400	23.7	51.4	37176.5	316.2	5.8

TABLEAU / TABLE / CUADRO / 表 / ТАБЛИЦА / 2

Temps Time Тіempo 时间 Время الوقت (sec)	Latitude Latitud 纬度 Широта خط العرض	Longitude Longitud 经度 Долгота خط الطول	Distance Range Distancia 距离 Расстояние المسافة (km / км)	Alpha	Beta
0	26.9	113.7	37236.5	222.6	5.9
60	26.9	113.7	37236.0	222.7	5.9
120	26.8	113.7	37235.5	222.7	5.9
180	26.8	113.8	37234.9	222.8	5.9
240	26.7	113.8	37234.3	222.8	5.9
300	26.7	113.8	37233.7	222.8	5.9
360	26.6	113.8	37233.1	222.9	5.9
420	26.6	113.9	37232.4	222.9	5.9
480	26.5	113.9	37231.7	223.0	5.9
540	26.5	113.9	37231.0	223.0	5.8
600	26.4	113.9	37230.3	223.0	5.8
660	26.3	114.0	37229.5	223.1	5.8
720	26.3	114.0	37228.7	223.1	5.8
780	26.2	114.0	37227.9	223.1	5.8
840	26.2	114.0	37227.0	223.2	5.8
900	26.1	114.0	37226.2	223.2	5.8
960	26.1	114.1	37225.2	223.2	5.8
1020	26.0	114.1	37224.3	223.2	5.8

1080	25.9	114.1	37223.4	223.3	5.8
1140	25.9	114.1	37222.4	223.3	5.8
1200	25.8	114.1	37221.4	223.3	5.8
1260	25.8	114.2	37220.3	223.4	5.8
1320	25.7	114.2	37219.2	223.4	5.8
1380	25.6	114.2	37218.2	223.4	5.8
1440	25.6	114.2	37217.0	223.4	5.8
1500	25.5	114.2	37215.9	223.5	5.8
1560	25.5	114.3	37214.7	223.5	5.8
1620	25.4	114.3	37213.5	223.5	5.8
1680	25.3	114.3	37212.3	223.5	5.8
1740	25.3	114.3	37211.1	223.5	5.8
1800	25.2	114.3	37209.8	223.6	5.8
1860	25.1	114.3	37208.5	223.6	5.8
1920	25.1	114.4	37207.2	223.6	5.8
1980	25.0	114.4	37205.8	223.6	5.8
2040	25.0	114.4	37204.5	223.6	5.8
2100	24.9	114.4	37203.1	223.7	5.8



2160	24.8	114.4	37201.6	223.7	5.8
2220	24.8	114.4	37200.2	223.7	5.8
2280	24.7	114.5	37198.7	223.7	5.8
2340	24.6	114.5	37197.2	223.7	5.8
2400	24.5	114.5	37195.7	223.7	5.8
2460	24.5	114.5	37194.2	223.7	5.8
2520	24.4	114.5	37192.6	223.8	5.8
2580	24.3	114.5	37191.0	223.8	5.8
2640	24.3	114.5	37189.4	223.8	5.8
2700	24.2	114.6	37187.8	223.8	5.8
2760	24.1	114.6	37186.1	223.8	5.8
2820	24.1	114.6	37184.4	223.8	5.8
2880	24.0	114.6	37182.7	223.8	5.8
2940	23.9	114.6	37181.0	223.8	5.8
3000	23.8	114.6	37179.3	223.8	5.8
3060	23.8	114.6	37177.5	223.8	5.8
3120	23.7	114.6	37175.7	223.8	5.8
3180	23.6	114.7	37173.9	223.8	5.8
3240	23.5	114.7	37172.1	223.8	5.7
3300	23.5	114.7	37170.2	223.8	5.7
3360	23.4	114.7	37168.3	223.8	5.7
3420	23.3	114.7	37166.4	223.8	5.7
3480	23.2	114.7	37164.5	223.8	5.7
3540	23.2	114.7	37162.6	223.8	5.7
3600	23.1	114.7	37160.6	223.8	5.7
3660	23.0	114.7	37158.6	223.8	5.7
3720	22.9	114.7	37156.6	223.8	5.7
3780	22.8	114.7	37154.6	223.8	5.7
3840	22.8	114.7	37152.6	223.8	5.7
3900	22.7	114.8	37150.5	223.8	5.7
3960	22.6	114.8	37148.4	223.8	5.7
4020	22.5	114.8	37146.3	223.8	5.7
4080	22.4	114.8	37144.2	223.7	5.7
4140	22.4	114.8	37142.1	223.7	5.7
4200	22.3	114.8	37139.9	223.7	5.7
4260	22.2	114.8	37137.8	223.7	5.7
4320	22.1	114.8	37135.6	223.7	5.7
4380	22.0	114.8	37133.4	223.7	5.7
4440	22.0	114.8	37131.1	223.7	5.7
4500	21.9	114.8	37128.9	223.6	5.7
4560	21.8	114.8	37126.6	223.6	5.7
4620	21.7	114.8	37124.4	223.6	5.7
4680	21.6	114.8	37122.1	223.6	5.7
4740	21.5	114.8	37119.8	223.6	5.7
4800	21.4	114.8	37117.4	223.5	5.7
4860	21.4	114.8	37115.1	223.5	5.6
4920	21.3	114.8	37112.7	223.5	5.6
4980	21.2	114.8	37110.4	223.5	5.6

5040	21.1	114.8	37108.0	223.5	5.6
5100	21.0	114.8	37105.6	223.4	5.6
5160	20.9	114.8	37103.1	223.4	5.6
5220	20.8	114.8	37100.7	223.4	5.6
5280	20.7	114.8	37098.3	223.3	5.6
5340	20.7	114.8	37095.8	223.3	5.6
5400	20.6	114.8	37093.3	223.3	5.6
5460	20.5	114.8	37090.8	223.2	5.6
5520	20.4	114.8	37088.3	223.2	5.6
5580	20.3	114.8	37085.8	223.2	5.6
5640	20.2	114.8	37083.3	223.1	5.6
5700	20.1	114.8	37080.7	223.1	5.6
5760	20.0	114.8	37078.2	223.1	5.6
5820	19.9	114.8	37075.6	223.0	5.6
5880	19.8	114.8	37073.0	223.0	5.6
5940	19.7	114.8	37070.4	223.0	5.6
6000	19.7	114.8	37067.8	222.9	5.6
6060	19.6	114.8	37065.2	222.9	5.6
6120	19.5	114.8	37062.6	222.8	5.6
6180	19.4	114.8	37060.0	222.8	5.5
6240	19.3	114.8	37057.3	222.7	5.5
6300	19.2	114.8	37054.7	222.7	5.5
6360	19.1	114.8	37052.0	222.7	5.5
6420	19.0	114.8	37049.3	222.6	5.5
6480	18.9	114.8	37046.6	222.6	5.5
6540	18.8	114.8	37043.9	222.5	5.5
6600	18.7	114.8	37041.2	222.5	5.5
6660	18.6	114.8	37038.5	222.4	5.5
6720	18.5	114.8	37035.8	222.3	5.5
6780	18.4	114.7	37033.1	222.3	5.5
6840	18.3	114.7	37030.3	222.2	5.5
6900	18.2	114.7	37027.6	222.2	5.5
6960	18.1	114.7	37024.8	222.1	5.5
7020	18.0	114.7	37022.1	222.1	5.5
7080	17.9	114.7	37019.3	222.0	5.5
7140	17.8	114.7	37016.5	222.0	5.5
7200	17.7	114.7	37013.8	221.9	5.5
7260	17.6	114.7	37011.0	221.8	5.5
7320	17.5	114.7	37008.2	221.8	5.4
7380	17.4	114.7	37005.4	221.7	5.4
7440	17.3	114.6	37002.6	221.6	5.4
7500	17.2	114.6	36999.8	221.6	5.4
7560	17.1	114.6	36997.0	221.5	5.4
7620	17.0	114.6	36994.1	221.4	5.4
7680	16.9	114.6	36991.3	221.4	5.4
7740	16.8	114.6	36988.5	221.3	5.4
7800	16.7	114.6	36985.7	221.2	5.4
7860	16.6	114.6	36982.8	221.1	5.4

7920	16.5	114.6	36980.0	221.1	5.4
7980	16.4	114.5	36977.2	221.0	5.4
8040	16.3	114.5	36974.3	220.9	5.4
8100	16.2	114.5	36971.5	220.8	5.4
8160	16.1	114.5	36968.7	220.8	5.4
8220	16.0	114.5	36965.8	220.7	5.4
8280	15.9	114.5	36963.0	220.6	5.4
8340	15.8	114.5	36960.1	220.5	5.4
8400	15.7	114.5	36957.3	220.4	5.3
8460	15.6	114.4	36954.4	220.4	5.3
8520	15.5	114.4	36951.6	220.3	5.3
8580	15.4	114.4	36948.7	220.2	5.3
8640	15.3	114.4	36945.9	220.1	5.3
8700	15.2	114.4	36943.0	220.0	5.3
8760	15.1	114.4	36940.2	219.9	5.3
8820	15.0	114.4	36937.3	219.8	5.3
8880	14.8	114.3	36934.5	219.7	5.3
8940	14.7	114.3	36931.7	219.6	5.3
9000	14.6	114.3	36928.8	219.5	5.3
9060	14.5	114.3	36926.0	219.5	5.3
9120	14.4	114.3	36923.1	219.4	5.3
9180	14.3	114.3	36920.3	219.3	5.3
9240	14.2	114.2	36917.5	219.2	5.3
9300	14.1	114.2	36914.7	219.1	5.3
9360	14.0	114.2	36911.8	219.0	5.3
9420	13.9	114.2	36909.0	218.9	5.3
9480	13.8	114.2	36906.2	218.7	5.2
9540	13.7	114.1	36903.4	218.6	5.2
9600	13.5	114.1	36900.6	218.5	5.2
9660	13.4	114.1	36897.8	218.4	5.2
9720	13.3	114.1	36895.0	218.3	5.2
9780	13.2	114.1	36892.2	218.2	5.2
9840	13.1	114.0	36889.4	218.1	5.2
9900	13.0	114.0	36886.7	218.0	5.2
9960	12.9	114.0	36883.9	217.9	5.2
10020	12.8	114.0	36881.1	217.8	5.2
10080	12.7	114.0	36878.4	217.6	5.2
10140	12.6	113.9	36875.6	217.5	5.2
10200	12.4	113.9	36872.9	217.4	5.2
10260	12.3	113.9	36870.2	217.3	5.2
10320	12.2	113.9	36867.4	217.2	5.2
10380	12.1	113.9	36864.7	217.1	5.2
10440	12.0	113.8	36862.0	216.9	5.2
10500	11.9	113.8	36859.3	216.8	5.1
10560	11.8	113.8	36856.6	216.7	5.1
10620	11.7	113.8	36854.0	216.6	5.1
10680	11.5	113.8	36851.3	216.4	5.1
10740	11.4	113.7	36848.6	216.3	5.1

10800	11.3	113.7	36846.0	216.2	5.1
10860	11.2	113.7	36843.4	216.0	5.1
10920	11.1	113.7	36840.7	215.9	5.1
10980	11.0	113.6	36838.1	215.8	5.1
11040	10.9	113.6	36835.5	215.6	5.1
11100	10.7	113.6	36832.9	215.5	5.1
11160	10.6	113.6	36830.4	215.4	5.1
11220	10.5	113.5	36827.8	215.2	5.1
11280	10.4	113.5	36825.2	215.1	5.1
11340	10.3	113.5	36822.7	214.9	5.1
11400	10.2	113.5	36820.2	214.8	5.1
11460	10.1	113.5	36817.7	214.7	5.1
11520	9.9	113.4	36815.2	214.5	5.1
11580	9.8	113.4	36812.7	214.4	5.0
11640	9.7	113.4	36810.2	214.2	5.0
11700	9.6	113.4	36807.7	214.1	5.0
11760	9.5	113.3	36805.3	213.9	5.0
11820	9.4	113.3	36802.9	213.8	5.0
11880	9.3	113.3	36800.5	213.6	5.0
11940	9.1	113.3	36798.1	213.5	5.0
12000	9.0	113.2	36795.7	213.3	5.0
12060	8.9	113.2	36793.3	213.2	5.0
12120	8.8	113.2	36791.0	213.0	5.0
12180	8.7	113.1	36788.7	212.8	5.0
12240	8.6	113.1	36786.3	212.7	5.0
12300	8.4	113.1	36784.0	212.5	5.0
12360	8.3	113.1	36781.8	212.4	5.0
12420	8.2	113.0	36779.5	212.2	5.0
12480	8.1	113.0	36777.3	212.0	5.0
12540	8.0	113.0	36775.0	211.9	5.0
12600	7.8	113.0	36772.8	211.7	5.0
12660	7.7	112.9	36770.6	211.5	5.0
12720	7.6	112.9	36768.5	211.4	5.0
12780	7.5	112.9	36766.3	211.2	4.9
12840	7.4	112.8	36764.2	211.0	4.9
12900	7.3	112.8	36762.1	210.8	4.9
12960	7.1	112.8	36760.0	210.7	4.9
13020	7.0	112.8	36757.9	210.5	4.9
13080	6.9	112.7	36755.9	210.3	4.9
13140	6.8	112.7	36753.8	210.1	4.9
13200	6.7	112.7	36751.8	210.0	4.9
13260	6.5	112.7	36749.8	209.8	4.9
13320	6.4	112.6	36747.9	209.6	4.9
13380	6.3	112.6	36745.9	209.4	4.9
13440	6.2	112.6	36744.0	209.2	4.9
13500	6.1	112.5	36742.1	209.1	4.9
13560	5.9	112.5	36740.2	208.9	4.9
13620	5.8	112.5	36738.4	208.7	4.9

13680	5.7	112.4	36736.5	208.5	4.9
13740	5.6	112.4	36734.7	208.3	4.9
13800	5.5	112.4	36732.9	208.1	4.9
13860	5.4	112.4	36731.2	207.9	4.9
13920	5.2	112.3	36729.4	207.7	4.9
13980	5.1	112.3	36727.7	207.5	4.9
14040	5.0	112.3	36726.0	207.4	4.9
14100	4.9	112.2	36724.3	207.2	4.9
14160	4.8	112.2	36722.7	207.0	4.8
14220	4.6	112.2	36721.1	206.8	4.8
14280	4.5	112.2	36719.5	206.6	4.8
14340	4.4	112.1	36717.9	206.4	4.8
14400	4.3	112.1	36716.3	206.2	4.8
14460	4.2	112.1	36714.8	206.0	4.8
14520	4.0	112.0	36713.3	205.8	4.8
14580	3.9	112.0	36711.9	205.6	4.8
14640	3.8	112.0	36710.4	205.4	4.8
14700	3.7	111.9	36709.0	205.2	4.8
14760	3.5	111.9	36707.6	204.9	4.8
14820	3.4	111.9	36706.2	204.7	4.8
14880	3.3	111.8	36704.9	204.5	4.8
14940	3.2	111.8	36703.6	204.3	4.8
15000	3.1	111.8	36702.3	204.1	4.8
15060	2.9	111.8	36701.0	203.9	4.8
15120	2.8	111.7	36699.8	203.7	4.8
15180	2.7	111.7	36698.6	203.5	4.8
15240	2.6	111.7	36697.4	203.3	4.8
15300	2.5	111.6	36696.3	203.0	4.8
15360	2.3	111.6	36695.2	202.8	4.8
15420	2.2	111.6	36694.1	202.6	4.8
15480	2.1	111.5	36693.0	202.4	4.8
15540	2.0	111.5	36692.0	202.2	4.8
15600	1.9	111.5	36691.0	202.0	4.8
15660	1.7	111.4	36690.0	201.7	4.8
15720	1.6	111.4	36689.0	201.5	4.8
15780	1.5	111.4	36688.1	201.3	4.8
15840	1.4	111.4	36687.2	201.1	4.8
15900	1.2	111.3	36686.4	200.8	4.8
15960	1.1	111.3	36685.5	200.6	4.8
16020	1.0	111.3	36684.7	200.4	4.8
16080	0.9	111.2	36684.0	200.2	4.8
16140	0.8	111.2	36683.2	199.9	4.8
16200	0.6	111.2	36682.5	199.7	4.8
16260	0.5	111.1	36681.8	199.5	4.8
16320	0.4	111.1	36681.2	199.3	4.7
16380	0.3	111.1	36680.6	199.0	4.7
16440	0.2	111.0	36680.0	198.8	4.7
16500	0.0	111.0	36679.4	198.6	4.7

16560	-0.1	111.0	36678.9	198.3	4.7
16620	-0.2	110.9	36678.4	198.1	4.7
16680	-0.3	110.9	36677.9	197.9	4.7
16740	-0.5	110.9	36677.5	197.6	4.7
16800	-0.6	110.8	36677.1	197.4	4.7
16860	-0.7	110.8	36676.7	197.2	4.7
16920	-0.8	110.8	36676.4	196.9	4.7
16980	-0.9	110.8	36676.1	196.7	4.7
17040	-1.1	110.7	36675.8	196.5	4.7
17100	-1.2	110.7	36675.6	196.2	4.7
17160	-1.3	110.7	36675.4	196.0	4.7
17220	-1.4	110.6	36675.2	195.7	4.7
17280	-1.5	110.6	36675.0	195.5	4.7
17340	-1.7	110.6	36674.9	195.3	4.7
17400	-1.8	110.5	36674.8	195.0	4.7
17460	-1.9	110.5	36674.8	194.8	4.7
17520	-2.0	110.5	36674.8	194.5	4.7
17580	-2.2	110.4	36674.8	194.3	4.7
17640	-2.3	110.4	36674.8	194.1	4.7
17700	-2.4	110.4	36674.9	193.8	4.7
17760	-2.5	110.3	36675.0	193.6	4.7
17820	-2.6	110.3	36675.2	193.3	4.7
17880	-2.8	110.3	36675.3	193.1	4.7
17940	-2.9	110.3	36675.6	192.8	4.7
18000	-3.0	110.2	36675.8	192.6	4.7
18060	-3.1	110.2	36676.1	192.4	4.7
18120	-3.2	110.2	36676.4	192.1	4.7
18180	-3.4	110.1	36676.7	191.9	4.7
18240	-3.5	110.1	36677.1	191.6	4.7
18300	-3.6	110.1	36677.5	191.4	4.7
18360	-3.7	110.0	36678.0	191.1	4.7
18420	-3.8	110.0	36678.4	190.9	4.7
18480	-4.0	110.0	36679.0	190.6	4.7
18540	-4.1	109.9	36679.5	190.4	4.7
18600	-4.2	109.9	36680.1	190.1	4.7
18660	-4.3	109.9	36680.7	189.9	4.7
18720	-4.5	109.9	36681.3	189.6	4.7
18780	-4.6	109.8	36682.0	189.4	4.8
18840	-4.7	109.8	36682.7	189.2	4.8
18900	-4.8	109.8	36683.5	188.9	4.8
18960	-4.9	109.7	36684.3	188.7	4.8
19020	-5.1	109.7	36685.1	188.4	4.8
19080	-5.2	109.7	36685.9	188.2	4.8
19140	-5.3	109.7	36686.8	187.9	4.8
19200	-5.4	109.6	36687.7	187.7	4.8
19260	-5.5	109.6	36688.7	187.4	4.8
19320	-5.7	109.6	36689.6	187.2	4.8
19380	-5.8	109.5	36690.7	186.9	4.8

19440	-5.9	109.5	36691.7	186.7	4.8
19500	-6.0	109.5	36692.8	186.4	4.8
19560	-6.1	109.4	36693.9	186.2	4.8
19620	-6.2	109.4	36695.1	185.9	4.8
19680	-6.4	109.4	36696.2	185.7	4.8
19740	-6.5	109.4	36697.5	185.4	4.8
19800	-6.6	109.3	36698.7	185.2	4.8
19860	-6.7	109.3	36700.0	184.9	4.8
19920	-6.8	109.3	36701.3	184.7	4.8
19980	-7.0	109.2	36702.7	184.4	4.8
20040	-7.1	109.2	36704.1	184.2	4.8
20100	-7.2	109.2	36705.5	183.9	4.8
20160	-7.3	109.2	36706.9	183.7	4.8
20220	-7.4	109.1	36708.4	183.4	4.8
20280	-7.6	109.1	36709.9	183.2	4.8
20340	-7.7	109.1	36711.5	182.9	4.8
20400	-7.8	109.1	36713.1	182.7	4.8
20460	-7.9	109.0	36714.7	182.4	4.8
20520	-8.0	109.0	36716.4	182.2	4.8
20580	-8.1	109.0	36718.0	182.0	4.8
20640	-8.3	108.9	36719.8	181.7	4.8
20700	-8.4	108.9	36721.5	181.5	4.8
20760	-8.5	108.9	36723.3	181.2	4.8
20820	-8.6	108.9	36725.1	181.0	4.9
20880	-8.7	108.8	36727.0	180.7	4.9
20940	-8.8	108.8	36728.8	180.5	4.9
21000	-9.0	108.8	36730.8	180.2	4.9
21060	-9.1	108.8	36732.7	180.0	4.9
21120	-9.2	108.7	36734.7	179.7	4.9
21180	-9.3	108.7	36736.7	179.5	4.9
21240	-9.4	108.7	36738.7	179.3	4.9
21300	-9.5	108.7	36740.8	179.0	4.9
21360	-9.7	108.6	36742.9	178.8	4.9
21420	-9.8	108.6	36745.1	178.5	4.9
21480	-9.9	108.6	36747.3	178.3	4.9
21540	-10.0	108.6	36749.5	178.0	4.9
21600	-10.1	108.5	36751.7	177.8	4.9
21660	-10.2	108.5	36754.0	177.6	4.9
21720	-10.3	108.5	36756.3	177.3	4.9
21780	-10.5	108.5	36758.6	177.1	4.9
21840	-10.6	108.4	36761.0	176.8	4.9
21900	-10.7	108.4	36763.4	176.6	4.9
21960	-10.8	108.4	36765.8	176.4	4.9
22020	-10.9	108.4	36768.2	176.1	5.0
22080	-11.0	108.3	36770.7	175.9	5.0
22140	-11.1	108.3	36773.2	175.6	5.0
22200	-11.3	108.3	36775.8	175.4	5.0
22260	-11.4	108.3	36778.4	175.2	5.0

22320	-11.5	108.3	36781.0	174.9	5.0
22380	-11.6	108.2	36783.6	174.7	5.0
22440	-11.7	108.2	36786.3	174.5	5.0
22500	-11.8	108.2	36789.0	174.2	5.0
22560	-11.9	108.2	36791.7	174.0	5.0
22620	-12.1	108.1	36794.5	173.8	5.0
22680	-12.2	108.1	36797.3	173.5	5.0
22740	-12.3	108.1	36800.1	173.3	5.0
22800	-12.4	108.1	36802.9	173.1	5.0
22860	-12.5	108.1	36805.8	172.8	5.0
22920	-12.6	108.0	36808.7	172.6	5.0
22980	-12.7	108.0	36811.6	172.4	5.0
23040	-12.8	108.0	36814.6	172.1	5.1
23100	-12.9	108.0	36817.6	171.9	5.1
23160	-13.1	108.0	36820.6	171.7	5.1
23220	-13.2	107.9	36823.6	171.5	5.1
23280	-13.3	107.9	36826.7	171.2	5.1
23340	-13.4	107.9	36829.8	171.0	5.1
23400	-13.5	107.9	36832.9	170.8	5.1
23460	-13.6	107.9	36836.1	170.5	5.1
23520	-13.7	107.8	36839.3	170.3	5.1
23580	-13.8	107.8	36842.5	170.1	5.1
23640	-13.9	107.8	36845.7	169.9	5.1
23700	-14.0	107.8	36849.0	169.6	5.1
23760	-14.1	107.8	36852.3	169.4	5.1
23820	-14.3	107.8	36855.6	169.2	5.1
23880	-14.4	107.7	36858.9	169.0	5.1
23940	-14.5	107.7	36862.3	168.8	5.2
24000	-14.6	107.7	36865.7	168.5	5.2
24060	-14.7	107.7	36869.1	168.3	5.2
24120	-14.8	107.7	36872.6	168.1	5.2
24180	-14.9	107.7	36876.0	167.9	5.2
24240	-15.0	107.6	36879.5	167.7	5.2
24300	-15.1	107.6	36883.0	167.4	5.2
24360	-15.2	107.6	36886.6	167.2	5.2
24420	-15.3	107.6	36890.2	167.0	5.2
24480	-15.4	107.6	36893.7	166.8	5.2
24540	-15.5	107.6	36897.4	166.6	5.2
24600	-15.6	107.5	36901.0	166.4	5.2
24660	-15.7	107.5	36904.7	166.2	5.2
24720	-15.8	107.5	36908.3	165.9	5.2
24780	-16.0	107.5	36912.0	165.7	5.3
24840	-16.1	107.5	36915.8	165.5	5.3
24900	-16.2	107.5	36919.5	165.3	5.3
24960	-16.3	107.5	36923.3	165.1	5.3
25020	-16.4	107.5	36927.1	164.9	5.3
25080	-16.5	107.4	36930.9	164.7	5.3
25140	-16.6	107.4	36934.7	164.5	5.3

25200	-16.7	107.4	36938.6	164.3	5.3
25260	-16.8	107.4	36942.5	164.1	5.3
25320	-16.9	107.4	36946.4	163.9	5.3
25380	-17.0	107.4	36950.3	163.6	5.3
25440	-17.1	107.4	36954.3	163.4	5.3
25500	-17.2	107.4	36958.2	163.2	5.4
25560	-17.3	107.4	36962.2	163.0	5.4
25620	-17.4	107.3	36966.2	162.8	5.4
25680	-17.5	107.3	36970.2	162.6	5.4
25740	-17.6	107.3	36974.3	162.4	5.4
25800	-17.7	107.3	36978.3	162.2	5.4
25860	-17.8	107.3	36982.4	162.0	5.4
25920	-17.9	107.3	36986.5	161.8	5.4
25980	-18.0	107.3	36990.6	161.6	5.4
26040	-18.1	107.3	36994.7	161.4	5.4
26100	-18.2	107.3	36998.9	161.2	5.4
26160	-18.3	107.3	37003.0	161.0	5.4
26220	-18.4	107.3	37007.2	160.8	5.4
26280	-18.5	107.2	37011.4	160.6	5.5
26340	-18.6	107.2	37015.6	160.5	5.5
26400	-18.7	107.2	37019.9	160.3	5.5
26460	-18.8	107.2	37024.1	160.1	5.5
26520	-18.9	107.2	37028.4	159.9	5.5
26580	-18.9	107.2	37032.6	159.7	5.5
26640	-19.0	107.2	37036.9	159.5	5.5
26700	-19.1	107.2	37041.2	159.3	5.5
26760	-19.2	107.2	37045.6	159.1	5.5
26820	-19.3	107.2	37049.9	158.9	5.5
26880	-19.4	107.2	37054.2	158.7	5.5
26940	-19.5	107.2	37058.6	158.5	5.5
27000	-19.6	107.2	37063.0	158.4	5.6
27060	-19.7	107.2	37067.4	158.2	5.6
27120	-19.8	107.2	37071.8	158.0	5.6
27180	-19.9	107.2	37076.2	157.8	5.6
27240	-20.0	107.2	37080.6	157.6	5.6
27300	-20.1	107.2	37085.1	157.4	5.6
27360	-20.2	107.2	37089.5	157.2	5.6
27420	-20.3	107.2	37094.0	157.1	5.6
27480	-20.3	107.2	37098.4	156.9	5.6
27540	-20.4	107.2	37102.9	156.7	5.6
27600	-20.5	107.2	37107.4	156.5	5.6
27660	-20.6	107.2	37111.9	156.3	5.6
27720	-20.7	107.2	37116.4	156.2	5.6
27780	-20.8	107.2	37120.9	156.0	5.7
27840	-20.9	107.2	37125.5	155.8	5.7
27900	-21.0	107.2	37130.0	155.6	5.7
27960	-21.1	107.2	37134.6	155.4	5.7
28020	-21.1	107.2	37139.1	155.3	5.7

28080	-21.2	107.2	37143.7	155.1	5.7
28140	-21.3	107.2	37148.3	154.9	5.7
28200	-21.4	107.2	37152.8	154.7	5.7
28260	-21.5	107.2	37157.4	154.6	5.7
28320	-21.6	107.2	37162.0	154.4	5.7
28380	-21.7	107.2	37166.6	154.2	5.7
28440	-21.7	107.2	37171.2	154.1	5.7
28500	-21.8	107.2	37175.8	153.9	5.8
28560	-21.9	107.2	37180.5	153.7	5.8
28620	-22.0	107.2	37185.1	153.5	5.8
28680	-22.1	107.2	37189.7	153.4	5.8
28740	-22.2	107.2	37194.3	153.2	5.8
28800	-22.2	107.2	37199.0	153.0	5.8
28860	-22.3	107.2	37203.6	152.9	5.8
28920	-22.4	107.2	37208.3	152.7	5.8
28980	-22.5	107.2	37212.9	152.5	5.8
29040	-22.6	107.2	37217.6	152.4	5.8
29100	-22.6	107.2	37222.2	152.2	5.8
29160	-22.7	107.2	37226.9	152.0	5.8
29220	-22.8	107.3	37231.5	151.9	5.8
29280	-22.9	107.3	37236.2	151.7	5.9
29340	-23.0	107.3	37240.9	151.5	5.9
29400	-23.0	107.3	37245.5	151.4	5.9
29460	-23.1	107.3	37250.2	151.2	5.9
29520	-23.2	107.3	37254.9	151.1	5.9
29580	-23.3	107.3	37259.5	150.9	5.9
29640	-23.4	107.3	37264.2	150.7	5.9
29700	-23.4	107.3	37268.9	150.6	5.9
29760	-23.5	107.3	37273.5	150.4	5.9
29820	-23.6	107.3	37278.2	150.3	5.9
29880	-23.7	107.4	37282.8	150.1	5.9
29940	-23.7	107.4	37287.5	149.9	5.9
30000	-23.8	107.4	37292.2	149.8	6.0
30060	-23.9	107.4	37296.8	149.6	6.0
30120	-23.9	107.4	37301.5	149.5	6.0
30180	-24.0	107.4	37306.1	149.3	6.0
30240	-24.1	107.4	37310.8	149.2	6.0
30300	-24.2	107.4	37315.4	149.0	6.0
30360	-24.2	107.4	37320.1	148.9	6.0
30420	-24.3	107.5	37324.7	148.7	6.0
30480	-24.4	107.5	37329.3	148.5	6.0
30540	-24.4	107.5	37334.0	148.4	6.0
30600	-24.5	107.5	37338.6	148.2	6.0
30660	-24.6	107.5	37343.2	148.1	6.0
30720	-24.7	107.5	37347.8	147.9	6.0
30780	-24.7	107.5	37352.4	147.8	6.0
30840	-24.8	107.6	37357.0	147.6	6.1
30900	-24.9	107.6	37361.6	147.5	6.1

30960	-24.9	107.6	37366.2	147.3	6.1
31020	-25.0	107.6	37370.8	147.2	6.1
31080	-25.1	107.6	37375.3	147.0	6.1
31140	-25.1	107.6	37379.9	146.9	6.1
31200	-25.2	107.7	37384.5	146.8	6.1
31260	-25.2	107.7	37389.0	146.6	6.1
31320	-25.3	107.7	37393.5	146.5	6.1
31380	-25.4	107.7	37398.1	146.3	6.1
31440	-25.4	107.7	37402.6	146.2	6.1
31500	-25.5	107.7	37407.1	146.0	6.1
31560	-25.6	107.8	37411.6	145.9	6.1
31620	-25.6	107.8	37416.1	145.7	6.1
31680	-25.7	107.8	37420.6	145.6	6.2
31740	-25.7	107.8	37425.0	145.5	6.2
31800	-25.8	107.8	37429.5	145.3	6.2
31860	-25.9	107.9	37433.9	145.2	6.2
31920	-25.9	107.9	37438.4	145.0	6.2
31980	-26.0	107.9	37442.8	144.9	6.2
32040	-26.0	107.9	37447.2	144.8	6.2
32100	-26.1	107.9	37451.6	144.6	6.2
32160	-26.1	108.0	37456.0	144.5	6.2
32220	-26.2	108.0	37460.4	144.3	6.2
32280	-26.3	108.0	37464.7	144.2	6.2
32340	-26.3	108.0	37469.0	144.1	6.2
32400	-26.4	108.1	37473.4	143.9	6.2
32460	-26.4	108.1	37477.7	143.8	6.2
32520	-26.5	108.1	37482.0	143.7	6.2
32580	-26.5	108.1	37486.3	143.5	6.3
32640	-26.6	108.1	37490.5	143.4	6.3
32700	-26.6	108.2	37494.8	143.3	6.3
32760	-26.7	108.2	37499.0	143.1	6.3
32820	-26.7	108.2	37503.2	143.0	6.3
32880	-26.8	108.2	37507.5	142.9	6.3
32940	-26.8	108.3	37511.6	142.7	6.3
33000	-26.9	108.3	37515.8	142.6	6.3
33060	-26.9	108.3	37520.0	142.5	6.3
33120	-27.0	108.3	37524.1	142.3	6.3
33180	-27.0	108.4	37528.2	142.2	6.3
33240	-27.1	108.4	37532.3	142.1	6.3
33300	-27.1	108.4	37536.4	141.9	6.3
33360	-27.2	108.4	37540.5	141.8	6.3
33420	-27.2	108.5	37544.5	141.7	6.3
33480	-27.3	108.5	37548.5	141.5	6.3
33540	-27.3	108.5	37552.5	141.4	6.3
33600	-27.4	108.5	37556.5	141.3	6.4
33660	-27.4	108.6	37560.5	141.2	6.4
33720	-27.4	108.6	37564.4	141.0	6.4
33780	-27.5	108.6	37568.3	140.9	6.4

33840	-27.5	108.7	37572.2	140.8	6.4
33900	-27.6	108.7	37576.1	140.7	6.4
33960	-27.6	108.7	37580.0	140.5	6.4
34020	-27.6	108.7	37583.8	140.4	6.4
34080	-27.7	108.8	37587.6	140.3	6.4
34140	-27.7	108.8	37591.4	140.2	6.4
34200	-27.8	108.8	37595.2	140.0	6.4
34260	-27.8	108.9	37598.9	139.9	6.4
34320	-27.8	108.9	37602.6	139.8	6.4
34380	-27.9	108.9	37606.3	139.7	6.4
34440	-27.9	109.0	37610.0	139.5	6.4
34500	-27.9	109.0	37613.7	139.4	6.4
34560	-28.0	109.0	37617.3	139.3	6.4
34620	-28.0	109.0	37620.9	139.2	6.4
34680	-28.0	109.1	37624.5	139.1	6.4
34740	-28.1	109.1	37628.0	138.9	6.5
34800	-28.1	109.1	37631.6	138.8	6.5
34860	-28.1	109.2	37635.1	138.7	6.5
34920	-28.2	109.2	37638.5	138.6	6.5
34980	-28.2	109.2	37642.0	138.5	6.5
35040	-28.2	109.3	37645.4	138.4	6.5
35100	-28.3	109.3	37648.8	138.2	6.5
35160	-28.3	109.3	37652.2	138.1	6.5
35220	-28.3	109.4	37655.5	138.0	6.5
35280	-28.4	109.4	37658.8	137.9	6.5
35340	-28.4	109.4	37662.1	137.8	6.5
35400	-28.4	109.5	37665.4	137.7	6.5
35460	-28.4	109.5	37668.6	137.5	6.5
35520	-28.5	109.5	37671.8	137.4	6.5
35580	-28.5	109.6	37675.0	137.3	6.5
35640	-28.5	109.6	37678.2	137.2	6.5
35700	-28.5	109.6	37681.3	137.1	6.5
35760	-28.6	109.7	37684.4	137.0	6.5
35820	-28.6	109.7	37687.4	136.9	6.5
35880	-28.6	109.7	37690.5	136.7	6.5
35940	-28.6	109.8	37693.5	136.6	6.5
36000	-28.6	109.8	37696.5	136.5	6.5
36060	-28.7	109.8	37699.4	136.4	6.5
36120	-28.7	109.9	37702.3	136.3	6.6
36180	-28.7	109.9	37705.2	136.2	6.6
36240	-28.7	109.9	37708.1	136.1	6.6
36300	-28.7	110.0	37710.9	136.0	6.6
36360	-28.8	110.0	37713.7	135.9	6.6
36420	-28.8	110.0	37716.4	135.8	6.6
36480	-28.8	110.1	37719.2	135.6	6.6
36540	-28.8	110.1	37721.9	135.5	6.6
36600	-28.8	110.1	37724.5	135.4	6.6
36660	-28.8	110.2	37727.2	135.3	6.6

36720	-28.8	110.2	37729.8	135.2	6.6
36780	-28.9	110.2	37732.3	135.1	6.6
36840	-28.9	110.3	37734.9	135.0	6.6
36900	-28.9	110.3	37737.4	134.9	6.6
36960	-28.9	110.3	37739.9	134.8	6.6
37020	-28.9	110.4	37742.3	134.7	6.6
37080	-28.9	110.4	37744.7	134.6	6.6
37140	-28.9	110.4	37747.1	134.5	6.6
37200	-28.9	110.5	37749.4	134.4	6.6
37260	-28.9	110.5	37751.7	134.3	6.6
37320	-29.0	110.6	37754.0	134.2	6.6
37380	-29.0	110.6	37756.2	134.1	6.6
37440	-29.0	110.6	37758.4	134.0	6.6
37500	-29.0	110.7	37760.6	133.9	6.6
37560	-29.0	110.7	37762.7	133.8	6.6
37620	-29.0	110.7	37764.8	133.7	6.6
37680	-29.0	110.8	37766.9	133.6	6.6
37740	-29.0	110.8	37768.9	133.5	6.6
37800	-29.0	110.8	37770.9	133.4	6.6
37860	-29.0	110.9	37772.9	133.3	6.6
37920	-29.0	110.9	37774.8	133.2	6.6
37980	-29.0	111.0	37776.7	133.1	6.6
38040	-29.0	111.0	37778.6	133.0	6.7
38100	-29.0	111.0	37780.4	132.9	6.7
38160	-29.0	111.1	37782.2	132.8	6.7
38220	-29.0	111.1	37783.9	132.7	6.7
38280	-29.0	111.1	37785.6	132.6	6.7
38340	-29.0	111.2	37787.3	132.5	6.7
38400	-29.0	111.2	37788.9	132.4	6.7
38460	-29.0	111.2	37790.5	132.3	6.7
38520	-29.0	111.3	37792.1	132.2	6.7
38580	-29.0	111.3	37793.6	132.1	6.7
38640	-29.0	111.3	37795.1	132.0	6.7
38700	-29.0	111.4	37796.5	131.9	6.7
38760	-29.0	111.4	37798.0	131.8	6.7
38820	-29.0	111.5	37799.3	131.8	6.7
38880	-28.9	111.5	37800.7	131.7	6.7
38940	-28.9	111.5	37802.0	131.6	6.7
39000	-28.9	111.6	37803.2	131.5	6.7
39060	-28.9	111.6	37804.5	131.4	6.7
39120	-28.9	111.6	37805.7	131.3	6.7
39180	-28.9	111.7	37806.8	131.2	6.7
39240	-28.9	111.7	37807.9	131.1	6.7
39300	-28.9	111.7	37809.0	131.0	6.7
39360	-28.9	111.8	37810.0	130.9	6.7
39420	-28.8	111.8	37811.0	130.9	6.7
39480	-28.8	111.8	37812.0	130.8	6.7
39540	-28.8	111.9	37812.9	130.7	6.7

39600	-28.8	111.9	37813.8	130.6	6.7
39660	-28.8	111.9	37814.6	130.5	6.7
39720	-28.8	112.0	37815.5	130.4	6.7
39780	-28.7	112.0	37816.2	130.3	6.7
39840	-28.7	112.0	37817.0	130.3	6.7
39900	-28.7	112.1	37817.6	130.2	6.7
39960	-28.7	112.1	37818.3	130.1	6.7
40020	-28.7	112.2	37818.9	130.0	6.7
40080	-28.7	112.2	37819.5	129.9	6.7
40140	-28.6	112.2	37820.0	129.8	6.7
40200	-28.6	112.3	37820.5	129.8	6.7
40260	-28.6	112.3	37821.0	129.7	6.7
40320	-28.6	112.3	37821.4	129.6	6.7
40380	-28.5	112.4	37821.8	129.5	6.7
40440	-28.5	112.4	37822.1	129.4	6.7
40500	-28.5	112.4	37822.4	129.3	6.7
40560	-28.5	112.5	37822.7	129.3	6.7
40620	-28.4	112.5	37822.9	129.2	6.7
40680	-28.4	112.5	37823.1	129.1	6.7
40740	-28.4	112.6	37823.2	129.0	6.7
40800	-28.4	112.6	37823.3	128.9	6.7
40860	-28.3	112.6	37823.4	128.9	6.7
40920	-28.3	112.7	37823.4	128.8	6.7
40980	-28.3	112.7	37823.4	128.7	6.7
41040	-28.3	112.7	37823.3	128.6	6.7
41100	-28.2	112.7	37823.2	128.6	6.7
41160	-28.2	112.8	37823.1	128.5	6.7
41220	-28.2	112.8	37822.9	128.4	6.7
41280	-28.1	112.8	37822.7	128.3	6.7
41340	-28.1	112.9	37822.5	128.3	6.7
41400	-28.1	112.9	37822.2	128.2	6.7
41460	-28.0	112.9	37821.8	128.1	6.7
41520	-28.0	113.0	37821.5	128.0	6.7
41580	-28.0	113.0	37821.1	128.0	6.7
41640	-27.9	113.0	37820.6	127.9	6.7
41700	-27.9	113.1	37820.1	127.8	6.7
41760	-27.9	113.1	37819.6	127.8	6.7
41820	-27.8	113.1	37819.0	127.7	6.7
41880	-27.8	113.1	37818.4	127.6	6.7
41940	-27.7	113.2	37817.8	127.6	6.7
42000	-27.7	113.2	37817.1	127.5	6.7
42060	-27.7	113.2	37816.3	127.4	6.7
42120	-27.6	113.3	37815.6	127.3	6.7
42180	-27.6	113.3	37814.8	127.3	6.7
42240	-27.5	113.3	37813.9	127.2	6.7
42300	-27.5	113.3	37813.0	127.1	6.7
42360	-27.5	113.4	37812.1	127.1	6.7
42420	-27.4	113.4	37811.2	127.0	6.7

42480	-27.4	113.4	37810.2	127.0	6.7
42540	-27.3	113.5	37809.1	126.9	6.7
42600	-27.3	113.5	37808.0	126.8	6.7
42660	-27.2	113.5	37806.9	126.8	6.7
42720	-27.2	113.5	37805.8	126.7	6.7
42780	-27.2	113.6	37804.6	126.6	6.7
42840	-27.1	113.6	37803.3	126.6	6.7
42900	-27.1	113.6	37802.1	126.5	6.7
42960	-27.0	113.6	37800.7	126.4	6.7
43020	-27.0	113.7	37799.4	126.4	6.7
43080	-26.9	113.7	37798.0	126.3	6.7
43140	-26.9	113.7	37796.6	126.3	6.7
43200	-26.8	113.7	37795.1	126.2	6.7
43260	-26.8	113.8	37793.6	126.2	6.7
43320	-26.7	113.8	37792.1	126.1	6.7
43380	-26.7	113.8	37790.5	126.0	6.7
43440	-26.6	113.8	37788.9	126.0	6.7
43500	-26.6	113.9	37787.2	125.9	6.7
43560	-26.5	113.9	37785.5	125.9	6.7
43620	-26.5	113.9	37783.8	125.8	6.7
43680	-26.4	113.9	37782.0	125.8	6.7
43740	-26.3	114.0	37780.2	125.7	6.7
43800	-26.3	114.0	37778.4	125.6	6.7
43860	-26.2	114.0	37776.5	125.6	6.6
43920	-26.2	114.0	37774.6	125.5	6.6
43980	-26.1	114.0	37772.6	125.5	6.6
44040	-26.1	114.1	37770.6	125.4	6.6
44100	-26.0	114.1	37768.6	125.4	6.6
44160	-25.9	114.1	37766.5	125.3	6.6
44220	-25.9	114.1	37764.4	125.3	6.6
44280	-25.8	114.1	37762.3	125.2	6.6
44340	-25.8	114.2	37760.1	125.2	6.6
44400	-25.7	114.2	37757.9	125.1	6.6
44460	-25.7	114.2	37755.6	125.1	6.6
44520	-25.6	114.2	37753.3	125.0	6.6
44580	-25.5	114.2	37751.0	125.0	6.6
44640	-25.5	114.3	37748.7	125.0	6.6
44700	-25.4	114.3	37746.3	124.9	6.6
44760	-25.3	114.3	37743.9	124.9	6.6
44820	-25.3	114.3	37741.4	124.8	6.6
44880	-25.2	114.3	37738.9	124.8	6.6
44940	-25.1	114.3	37736.4	124.7	6.6
45000	-25.1	114.4	37733.8	124.7	6.6
45060	-25.0	114.4	37731.2	124.6	6.6
45120	-25.0	114.4	37728.6	124.6	6.6
45180	-24.9	114.4	37725.9	124.6	6.6
45240	-24.8	114.4	37723.2	124.5	6.6
45300	-24.8	114.4	37720.4	124.5	6.6

45360	-24.7	114.5	37717.7	124.4	6.6
45420	-24.6	114.5	37714.9	124.4	6.6
45480	-24.5	114.5	37712.0	124.4	6.6
45540	-24.5	114.5	37709.1	124.3	6.6
45600	-24.4	114.5	37706.2	124.3	6.6
45660	-24.3	114.5	37703.3	124.3	6.6
45720	-24.3	114.5	37700.3	124.2	6.6
45780	-24.2	114.6	37697.3	124.2	6.5
45840	-24.1	114.6	37694.3	124.2	6.5
45900	-24.1	114.6	37691.2	124.1	6.5
45960	-24.0	114.6	37688.1	124.1	6.5
46020	-23.9	114.6	37685.0	124.1	6.5
46080	-23.8	114.6	37681.8	124.0	6.5
46140	-23.8	114.6	37678.6	124.0	6.5
46200	-23.7	114.6	37675.4	124.0	6.5
46260	-23.6	114.6	37672.1	123.9	6.5
46320	-23.5	114.7	37668.8	123.9	6.5
46380	-23.5	114.7	37665.5	123.9	6.5
46440	-23.4	114.7	37662.2	123.9	6.5
46500	-23.3	114.7	37658.8	123.8	6.5
46560	-23.2	114.7	37655.4	123.8	6.5
46620	-23.2	114.7	37651.9	123.8	6.5
46680	-23.1	114.7	37648.4	123.8	6.5
46740	-23.0	114.7	37644.9	123.7	6.5
46800	-22.9	114.7	37641.4	123.7	6.5
46860	-22.8	114.7	37637.9	123.7	6.5
46920	-22.8	114.7	37634.3	123.7	6.5
46980	-22.7	114.8	37630.6	123.6	6.5
47040	-22.6	114.8	37627.0	123.6	6.5
47100	-22.5	114.8	37623.3	123.6	6.4
47160	-22.4	114.8	37619.6	123.6	6.4
47220	-22.4	114.8	37615.9	123.6	6.4
47280	-22.3	114.8	37612.1	123.5	6.4
47340	-22.2	114.8	37608.3	123.5	6.4
47400	-22.1	114.8	37604.5	123.5	6.4
47460	-22.0	114.8	37600.7	123.5	6.4
47520	-22.0	114.8	37596.8	123.5	6.4
47580	-21.9	114.8	37592.9	123.5	6.4
47640	-21.8	114.8	37589.0	123.4	6.4
47700	-21.7	114.8	37585.1	123.4	6.4
47760	-21.6	114.8	37581.1	123.4	6.4
47820	-21.5	114.8	37577.1	123.4	6.4
47880	-21.4	114.8	37573.1	123.4	6.4
47940	-21.4	114.8	37569.1	123.4	6.4
48000	-21.3	114.8	37565.0	123.4	6.4
48060	-21.2	114.8	37560.9	123.4	6.4
48120	-21.1	114.8	37556.8	123.4	6.4
48180	-21.0	114.8	37552.6	123.4	6.3



48240	-20.9	114.8	37548.5	123.3	6.3
48300	-20.8	114.8	37544.3	123.3	6.3
48360	-20.7	114.8	37540.1	123.3	6.3
48420	-20.7	114.8	37535.8	123.3	6.3
48480	-20.6	114.8	37531.6	123.3	6.3
48540	-20.5	114.8	37527.3	123.3	6.3
48600	-20.4	114.8	37523.0	123.3	6.3
48660	-20.3	114.8	37518.7	123.3	6.3
48720	-20.2	114.8	37514.3	123.3	6.3
48780	-20.1	114.8	37510.0	123.3	6.3
48840	-20.0	114.8	37505.6	123.3	6.3
48900	-19.9	114.8	37501.2	123.3	6.3
48960	-19.8	114.8	37496.7	123.3	6.3
49020	-19.8	114.8	37492.3	123.3	6.3
49080	-19.7	114.8	37487.8	123.3	6.3
49140	-19.6	114.8	37483.3	123.3	6.2
49200	-19.5	114.8	37478.8	123.4	6.2
49260	-19.4	114.8	37474.3	123.4	6.2
49320	-19.3	114.8	37469.8	123.4	6.2
49380	-19.2	114.8	37465.2	123.4	6.2
49440	-19.1	114.8	37460.6	123.4	6.2
49500	-19.0	114.8	37456.0	123.4	6.2
49560	-18.9	114.8	37451.4	123.4	6.2
49620	-18.8	114.8	37446.8	123.4	6.2
49680	-18.7	114.8	37442.1	123.4	6.2
49740	-18.6	114.8	37437.5	123.4	6.2
49800	-18.5	114.7	37432.8	123.5	6.2
49860	-18.4	114.7	37428.1	123.5	6.2
49920	-18.3	114.7	37423.4	123.5	6.2
49980	-18.2	114.7	37418.7	123.5	6.2
50040	-18.1	114.7	37413.9	123.5	6.1
50100	-18.0	114.7	37409.1	123.5	6.1
50160	-17.9	114.7	37404.4	123.6	6.1
50220	-17.8	114.7	37399.6	123.6	6.1
50280	-17.7	114.7	37394.8	123.6	6.1
50340	-17.6	114.7	37390.0	123.6	6.1
50400	-17.5	114.7	37385.1	123.6	6.1
50460	-17.4	114.7	37380.3	123.7	6.1
50520	-17.3	114.6	37375.4	123.7	6.1
50580	-17.2	114.6	37370.6	123.7	6.1
50640	-17.1	114.6	37365.7	123.8	6.1
50700	-17.0	114.6	37360.8	123.8	6.1
50760	-16.9	114.6	37355.9	123.8	6.1
50820	-16.8	114.6	37351.0	123.8	6.0
50880	-16.7	114.6	37346.1	123.9	6.0
50940	-16.6	114.6	37341.1	123.9	6.0
51000	-16.5	114.6	37336.2	123.9	6.0
51060	-16.4	114.5	37331.2	124.0	6.0

51120	-16.3	114.5	37326.3	124.0	6.0
51180	-16.2	114.5	37321.3	124.0	6.0
51240	-16.1	114.5	37316.3	124.1	6.0
51300	-16.0	114.5	37311.3	124.1	6.0
51360	-15.9	114.5	37306.3	124.1	6.0
51420	-15.8	114.5	37301.3	124.2	6.0
51480	-15.7	114.5	37296.3	124.2	6.0
51540	-15.6	114.4	37291.3	124.3	5.9
51600	-15.5	114.4	37286.2	124.3	5.9
51660	-15.4	114.4	37281.2	124.4	5.9
51720	-15.3	114.4	37276.2	124.4	5.9
51780	-15.2	114.4	37271.1	124.4	5.9
51840	-15.1	114.4	37266.1	124.5	5.9
51900	-15.0	114.3	37261.0	124.5	5.9
51960	-14.8	114.3	37255.9	124.6	5.9
52020	-14.7	114.3	37250.9	124.6	5.9
52080	-14.6	114.3	37245.8	124.7	5.9
52140	-14.5	114.3	37240.7	124.7	5.9
52200	-14.4	114.3	37235.6	124.8	5.9
52260	-14.3	114.2	37230.5	124.8	5.8
52320	-14.2	114.2	37225.4	124.9	5.8
52380	-14.1	114.2	37220.3	124.9	5.8
52440	-14.0	114.2	37215.2	125.0	5.8
52500	-13.9	114.2	37210.2	125.1	5.8
52560	-13.8	114.2	37205.0	125.1	5.8
52620	-13.7	114.1	37199.9	125.2	5.8
52680	-13.5	114.1	37194.8	125.2	5.8
52740	-13.4	114.1	37189.7	125.3	5.8
52800	-13.3	114.1	37184.6	125.4	5.8
52860	-13.2	114.1	37179.5	125.4	5.8
52920	-13.1	114.0	37174.4	125.5	5.8
52980	-13.0	114.0	37169.3	125.6	5.7
53040	-12.9	114.0	37164.2	125.6	5.7
53100	-12.8	114.0	37159.1	125.7	5.7
53160	-12.7	114.0	37154.0	125.8	5.7
53220	-12.6	113.9	37148.9	125.8	5.7
53280	-12.4	113.9	37143.8	125.9	5.7
53340	-12.3	113.9	37138.7	126.0	5.7
53400	-12.2	113.9	37133.6	126.0	5.7
53460	-12.1	113.9	37128.5	126.1	5.7
53520	-12.0	113.8	37123.4	126.2	5.7
53580	-11.9	113.8	37118.4	126.3	5.7
53640	-11.8	113.8	37113.3	126.4	5.6
53700	-11.7	113.8	37108.2	126.4	5.6
53760	-11.5	113.8	37103.1	126.5	5.6
53820	-11.4	113.7	37098.1	126.6	5.6
53880	-11.3	113.7	37093.0	126.7	5.6
53940	-11.2	113.7	37088.0	126.8	5.6

54000	-11.1	113.7	37082.9	126.8	5.6
54060	-11.0	113.6	37077.9	126.9	5.6
54120	-10.9	113.6	37072.8	127.0	5.6
54180	-10.8	113.6	37067.8	127.1	5.6
54240	-10.6	113.6	37062.8	127.2	5.6
54300	-10.5	113.5	37057.8	127.3	5.5
54360	-10.4	113.5	37052.7	127.4	5.5
54420	-10.3	113.5	37047.7	127.5	5.5
54480	-10.2	113.5	37042.8	127.6	5.5
54540	-10.1	113.4	37037.8	127.7	5.5
54600	-9.9	113.4	37032.8	127.8	5.5
54660	-9.8	113.4	37027.8	127.9	5.5
54720	-9.7	113.4	37022.9	128.0	5.5
54780	-9.6	113.3	37017.9	128.1	5.5
54840	-9.5	113.3	37013.0	128.2	5.5
54900	-9.4	113.3	37008.1	128.3	5.4
54960	-9.3	113.3	37003.2	128.4	5.4
55020	-9.1	113.2	36998.3	128.5	5.4
55080	-9.0	113.2	36993.4	128.6	5.4
55140	-8.9	113.2	36988.5	128.7	5.4
55200	-8.8	113.2	36983.6	128.8	5.4
55260	-8.7	113.1	36978.8	128.9	5.4
55320	-8.6	113.1	36973.9	129.0	5.4
55380	-8.4	113.1	36969.1	129.1	5.4
55440	-8.3	113.1	36964.3	129.3	5.4
55500	-8.2	113.0	36959.5	129.4	5.4
55560	-8.1	113.0	36954.7	129.5	5.3
55620	-8.0	113.0	36949.9	129.6	5.3
55680	-7.9	113.0	36945.1	129.7	5.3
55740	-7.7	112.9	36940.4	129.8	5.3
55800	-7.6	112.9	36935.7	130.0	5.3
55860	-7.5	112.9	36931.0	130.1	5.3
55920	-7.4	112.8	36926.3	130.2	5.3
55980	-7.3	112.8	36921.6	130.3	5.3
56040	-7.1	112.8	36916.9	130.5	5.3
56100	-7.0	112.8	36912.3	130.6	5.3
56160	-6.9	112.7	36907.6	130.7	5.2
56220	-6.8	112.7	36903.0	130.9	5.2
56280	-6.7	112.7	36898.4	131.0	5.2
56340	-6.5	112.6	36893.8	131.1	5.2
56400	-6.4	112.6	36889.3	131.3	5.2
56460	-6.3	112.6	36884.7	131.4	5.2
56520	-6.2	112.6	36880.2	131.5	5.2
56580	-6.1	112.5	36875.7	131.7	5.2
56640	-6.0	112.5	36871.2	131.8	5.2
56700	-5.8	112.5	36866.7	132.0	5.2
56760	-5.7	112.4	36862.3	132.1	5.2
56820	-5.6	112.4	36857.8	132.3	5.1

56880	-5.5	112.4	36853.4	132.4	5.1
56940	-5.4	112.4	36849.0	132.6	5.1
57000	-5.2	112.3	36844.7	132.7	5.1
57060	-5.1	112.3	36840.3	132.9	5.1
57120	-5.0	112.3	36836.0	133.0	5.1
57180	-4.9	112.2	36831.7	133.2	5.1
57240	-4.8	112.2	36827.4	133.3	5.1
57300	-4.6	112.2	36823.1	133.5	5.1
57360	-4.5	112.1	36818.9	133.6	5.1
57420	-4.4	112.1	36814.7	133.8	5.1
57480	-4.3	112.1	36810.5	133.9	5.0
57540	-4.2	112.1	36806.3	134.1	5.0
57600	-4.0	112.0	36802.2	134.3	5.0
57660	-3.9	112.0	36798.1	134.4	5.0
57720	-3.8	112.0	36794.0	134.6	5.0
57780	-3.7	111.9	36789.9	134.8	5.0
57840	-3.6	111.9	36785.8	134.9	5.0
57900	-3.4	111.9	36781.8	135.1	5.0
57960	-3.3	111.8	36777.8	135.3	5.0
58020	-3.2	111.8	36773.8	135.5	5.0
58080	-3.1	111.8	36769.9	135.6	5.0
58140	-2.9	111.8	36765.9	135.8	4.9
58200	-2.8	111.7	36762.0	136.0	4.9
58260	-2.7	111.7	36758.2	136.2	4.9
58320	-2.6	111.7	36754.3	136.3	4.9
58380	-2.5	111.6	36750.5	136.5	4.9
58440	-2.3	111.6	36746.7	136.7	4.9
58500	-2.2	111.6	36742.9	136.9	4.9
58560	-2.1	111.5	36739.2	137.1	4.9
58620	-2.0	111.5	36735.5	137.3	4.9
58680	-1.9	111.5	36731.8	137.5	4.9
58740	-1.7	111.4	36728.1	137.6	4.9
58800	-1.6	111.4	36724.5	137.8	4.9
58860	-1.5	111.4	36720.9	138.0	4.8
58920	-1.4	111.3	36717.3	138.2	4.8
58980	-1.2	111.3	36713.8	138.4	4.8
59040	-1.1	111.3	36710.2	138.6	4.8
59100	-1.0	111.3	36706.7	138.8	4.8
59160	-0.9	111.2	36703.3	139.0	4.8
59220	-0.8	111.2	36699.9	139.2	4.8
59280	-0.6	111.2	36696.5	139.4	4.8
59340	-0.5	111.1	36693.1	139.6	4.8
59400	-0.4	111.1	36689.7	139.8	4.8
59460	-0.3	111.1	36686.4	140.0	4.8
59520	-0.2	111.0	36683.1	140.2	4.8
59580	0.0	111.0	36679.9	140.5	4.7
59640	0.1	111.0	36676.7	140.7	4.7
59700	0.2	110.9	36673.5	140.9	4.7

59760	0.3	110.9	36670.3	141.1	4.7
59820	0.5	110.9	36667.2	141.3	4.7
59880	0.6	110.8	36664.1	141.5	4.7
59940	0.7	110.8	36661.0	141.7	4.7
60000	0.8	110.8	36658.0	142.0	4.7
60060	0.9	110.8	36655.0	142.2	4.7
60120	1.1	110.7	36652.0	142.4	4.7
60180	1.2	110.7	36649.1	142.6	4.7
60240	1.3	110.7	36646.2	142.8	4.7
60300	1.4	110.6	36643.3	143.1	4.7
60360	1.5	110.6	36640.5	143.3	4.6
60420	1.7	110.6	36637.7	143.5	4.6
60480	1.8	110.5	36634.9	143.8	4.6
60540	1.9	110.5	36632.2	144.0	4.6
60600	2.0	110.5	36629.4	144.2	4.6
60660	2.2	110.4	36626.8	144.4	4.6
60720	2.3	110.4	36624.1	144.7	4.6
60780	2.4	110.4	36621.5	144.9	4.6
60840	2.5	110.3	36618.9	145.2	4.6
60900	2.6	110.3	36616.4	145.4	4.6
60960	2.8	110.3	36613.9	145.6	4.6
61020	2.9	110.3	36611.4	145.9	4.6
61080	3.0	110.2	36609.0	146.1	4.6
61140	3.1	110.2	36606.6	146.4	4.6
61200	3.2	110.2	36604.2	146.6	4.6
61260	3.4	110.1	36601.9	146.8	4.6
61320	3.5	110.1	36599.6	147.1	4.5
61380	3.6	110.1	36597.3	147.3	4.5
61440	3.7	110.0	36595.1	147.6	4.5
61500	3.8	110.0	36592.9	147.8	4.5
61560	4.0	110.0	36590.7	148.1	4.5
61620	4.1	109.9	36588.6	148.3	4.5
61680	4.2	109.9	36586.5	148.6	4.5
61740	4.3	109.9	36584.5	148.8	4.5
61800	4.4	109.9	36582.4	149.1	4.5
61860	4.6	109.8	36580.5	149.4	4.5
61920	4.7	109.8	36578.5	149.6	4.5
61980	4.8	109.8	36576.6	149.9	4.5
62040	4.9	109.7	36574.7	150.1	4.5
62100	5.0	109.7	36572.9	150.4	4.5
62160	5.2	109.7	36571.1	150.7	4.5
62220	5.3	109.6	36569.3	150.9	4.5
62280	5.4	109.6	36567.6	151.2	4.5
62340	5.5	109.6	36565.9	151.4	4.5
62400	5.6	109.6	36564.2	151.7	4.5
62460	5.8	109.5	36562.6	152.0	4.5
62520	5.9	109.5	36561.0	152.2	4.4
62580	6.0	109.5	36559.4	152.5	4.4

62640	6.1	109.4	36557.9	152.8	4.4
62700	6.2	109.4	36556.5	153.0	4.4
62760	6.4	109.4	36555.0	153.3	4.4
62820	6.5	109.4	36553.6	153.6	4.4
62880	6.6	109.3	36552.2	153.9	4.4
62940	6.7	109.3	36550.9	154.1	4.4
63000	6.8	109.3	36549.6	154.4	4.4
63060	7.0	109.2	36548.3	154.7	4.4
63120	7.1	109.2	36547.1	155.0	4.4
63180	7.2	109.2	36545.9	155.2	4.4
63240	7.3	109.2	36544.8	155.5	4.4
63300	7.4	109.1	36543.7	155.8	4.4
63360	7.5	109.1	36542.6	156.1	4.4
63420	7.7	109.1	36541.5	156.3	4.4
63480	7.8	109.0	36540.5	156.6	4.4
63540	7.9	109.0	36539.6	156.9	4.4
63600	8.0	109.0	36538.6	157.2	4.4
63660	8.1	109.0	36537.8	157.5	4.4
63720	8.3	108.9	36536.9	157.7	4.4
63780	8.4	108.9	36536.1	158.0	4.4
63840	8.5	108.9	36535.3	158.3	4.4
63900	8.6	108.9	36534.5	158.6	4.4
63960	8.7	108.8	36533.8	158.9	4.4
64020	8.8	108.8	36533.2	159.1	4.4
64080	9.0	108.8	36532.5	159.4	4.4
64140	9.1	108.8	36531.9	159.7	4.4
64200	9.2	108.7	36531.4	160.0	4.4
64260	9.3	108.7	36530.8	160.3	4.4
64320	9.4	108.7	36530.3	160.6	4.4
64380	9.5	108.7	36529.9	160.9	4.4
64440	9.7	108.6	36529.5	161.1	4.4
64500	9.8	108.6	36529.1	161.4	4.4
64560	9.9	108.6	36528.7	161.7	4.4
64620	10.0	108.6	36528.4	162.0	4.4
64680	10.1	108.5	36528.2	162.3	4.4
64740	10.2	108.5	36527.9	162.6	4.4
64800	10.3	108.5	36527.7	162.9	4.4
64860	10.5	108.5	36527.6	163.1	4.4
64920	10.6	108.4	36527.4	163.4	4.4
64980	10.7	108.4	36527.3	163.7	4.4
65040	10.8	108.4	36527.3	164.0	4.4
65100	10.9	108.4	36527.3	164.3	4.4
65160	11.0	108.3	36527.3	164.6	4.4
65220	11.1	108.3	36527.3	164.9	4.4
65280	11.3	108.3	36527.4	165.2	4.4
65340	11.4	108.3	36527.6	165.4	4.4
65400	11.5	108.2	36527.7	165.7	4.4
65460	11.6	108.2	36527.9	166.0	4.4

65520	11.7	108.2	36528.1	166.3	4.4
65580	11.8	108.2	36528.4	166.6	4.4
65640	11.9	108.2	36528.7	166.9	4.4
65700	12.0	108.1	36529.0	167.2	4.4
65760	12.2	108.1	36529.4	167.5	4.4
65820	12.3	108.1	36529.8	167.7	4.4
65880	12.4	108.1	36530.2	168.0	4.4
65940	12.5	108.1	36530.7	168.3	4.4
66000	12.6	108.0	36531.2	168.6	4.4
66060	12.7	108.0	36531.8	168.9	4.4
66120	12.8	108.0	36532.3	169.2	4.4
66180	12.9	108.0	36533.0	169.5	4.4
66240	13.0	108.0	36533.6	169.8	4.4
66300	13.2	107.9	36534.3	170.0	4.4
66360	13.3	107.9	36535.0	170.3	4.4
66420	13.4	107.9	36535.7	170.6	4.4
66480	13.5	107.9	36536.5	170.9	4.4
66540	13.6	107.9	36537.3	171.2	4.4
66600	13.7	107.8	36538.2	171.5	4.4
66660	13.8	107.8	36539.1	171.8	4.4
66720	13.9	107.8	36540.0	172.0	4.4
66780	14.0	107.8	36540.9	172.3	4.4
66840	14.1	107.8	36541.9	172.6	4.4
66900	14.3	107.7	36542.9	172.9	4.4
66960	14.4	107.7	36544.0	173.2	4.4
67020	14.5	107.7	36545.0	173.4	4.4
67080	14.6	107.7	36546.1	173.7	4.4
67140	14.7	107.7	36547.3	174.0	4.4
67200	14.8	107.7	36548.5	174.3	4.4
67260	14.9	107.6	36549.7	174.6	4.4
67320	15.0	107.6	36550.9	174.8	4.4
67380	15.1	107.6	36552.2	175.1	4.4
67440	15.2	107.6	36553.5	175.4	4.4
67500	15.3	107.6	36554.8	175.7	4.4
67560	15.4	107.6	36556.2	176.0	4.4
67620	15.5	107.6	36557.5	176.2	4.4
67680	15.6	107.5	36559.0	176.5	4.4
67740	15.7	107.5	36560.4	176.8	4.4
67800	15.8	107.5	36561.9	177.1	4.5
67860	15.9	107.5	36563.4	177.3	4.5
67920	16.1	107.5	36565.0	177.6	4.5
67980	16.2	107.5	36566.5	177.9	4.5
68040	16.3	107.5	36568.1	178.1	4.5
68100	16.4	107.4	36569.8	178.4	4.5
68160	16.5	107.4	36571.4	178.7	4.5
68220	16.6	107.4	36573.1	179.0	4.5
68280	16.7	107.4	36574.8	179.2	4.5
68340	16.8	107.4	36576.6	179.5	4.5

68400	16.9	107.4	36578.3	179.8	4.5
68460	17.0	107.4	36580.1	180.0	4.5
68520	17.1	107.4	36582.0	180.3	4.5
68580	17.2	107.4	36583.8	180.6	4.5
68640	17.3	107.3	36585.7	180.8	4.5
68700	17.4	107.3	36587.6	181.1	4.5
68760	17.5	107.3	36589.6	181.3	4.5
68820	17.6	107.3	36591.5	181.6	4.5
68880	17.7	107.3	36593.5	181.9	4.5
68940	17.8	107.3	36595.5	182.1	4.5
69000	17.9	107.3	36597.6	182.4	4.5
69060	18.0	107.3	36599.7	182.6	4.5
69120	18.1	107.3	36601.8	182.9	4.6
69180	18.2	107.3	36603.9	183.2	4.6
69240	18.3	107.3	36606.0	183.4	4.6
69300	18.4	107.3	36608.2	183.7	4.6
69360	18.5	107.2	36610.4	183.9	4.6
69420	18.6	107.2	36612.6	184.2	4.6
69480	18.7	107.2	36614.9	184.4	4.6
69540	18.8	107.2	36617.1	184.7	4.6
69600	18.9	107.2	36619.4	184.9	4.6
69660	18.9	107.2	36621.7	185.2	4.6
69720	19.0	107.2	36624.1	185.4	4.6
69780	19.1	107.2	36626.4	185.7	4.6
69840	19.2	107.2	36628.8	185.9	4.6
69900	19.3	107.2	36631.2	186.2	4.6
69960	19.4	107.2	36633.7	186.4	4.6
70020	19.5	107.2	36636.1	186.7	4.6
70080	19.6	107.2	36638.6	186.9	4.6
70140	19.7	107.2	36641.1	187.1	4.7
70200	19.8	107.2	36643.6	187.4	4.7
70260	19.9	107.2	36646.2	187.6	4.7
70320	20.0	107.2	36648.7	187.9	4.7
70380	20.1	107.2	36651.3	188.1	4.7
70440	20.2	107.2	36653.9	188.3	4.7
70500	20.3	107.2	36656.5	188.6	4.7
70560	20.3	107.2	36659.2	188.8	4.7
70620	20.4	107.2	36661.8	189.0	4.7
70680	20.5	107.2	36664.5	189.3	4.7
70740	20.6	107.2	36667.2	189.5	4.7
70800	20.7	107.2	36669.9	189.7	4.7
70860	20.8	107.2	36672.7	190.0	4.7
70920	20.9	107.2	36675.4	190.2	4.7
70980	21.0	107.2	36678.2	190.4	4.7
71040	21.1	107.2	36681.0	190.7	4.7
71100	21.1	107.2	36683.8	190.9	4.8
71160	21.2	107.2	36686.6	191.1	4.8
71220	21.3	107.2	36689.5	191.3	4.8

71280	21.4	107.2	36692.3	191.6	4.8
71340	21.5	107.2	36695.2	191.8	4.8
71400	21.6	107.2	36698.1	192.0	4.8
71460	21.7	107.2	36701.0	192.2	4.8
71520	21.7	107.2	36703.9	192.4	4.8
71580	21.8	107.2	36706.9	192.7	4.8
71640	21.9	107.2	36709.8	192.9	4.8
71700	22.0	107.2	36712.8	193.1	4.8
71760	22.1	107.2	36715.8	193.3	4.8
71820	22.2	107.2	36718.8	193.5	4.8
71880	22.2	107.2	36721.8	193.7	4.8
71940	22.3	107.2	36724.8	194.0	4.9
72000	22.4	107.2	36727.9	194.2	4.9
72060	22.5	107.2	36730.9	194.4	4.9
72120	22.6	107.2	36734.0	194.6	4.9
72180	22.6	107.2	36737.1	194.8	4.9
72240	22.7	107.2	36740.1	195.0	4.9
72300	22.8	107.2	36743.2	195.2	4.9
72360	22.9	107.3	36746.4	195.4	4.9
72420	23.0	107.3	36749.5	195.6	4.9
72480	23.0	107.3	36752.6	195.8	4.9
72540	23.1	107.3	36755.8	196.0	4.9
72600	23.2	107.3	36758.9	196.2	4.9
72660	23.3	107.3	36762.1	196.5	4.9
72720	23.3	107.3	36765.3	196.7	4.9
72780	23.4	107.3	36768.4	196.9	5.0
72840	23.5	107.3	36771.6	197.1	5.0
72900	23.6	107.3	36774.8	197.3	5.0
72960	23.6	107.3	36778.1	197.4	5.0
73020	23.7	107.4	36781.3	197.6	5.0
73080	23.8	107.4	36784.5	197.8	5.0
73140	23.9	107.4	36787.7	198.0	5.0
73200	23.9	107.4	36791.0	198.2	5.0
73260	24.0	107.4	36794.2	198.4	5.0
73320	24.1	107.4	36797.5	198.6	5.0
73380	24.2	107.4	36800.8	198.8	5.0
73440	24.2	107.4	36804.0	199.0	5.0
73500	24.3	107.5	36807.3	199.2	5.0
73560	24.4	107.5	36810.6	199.4	5.0
73620	24.4	107.5	36813.9	199.6	5.1
73680	24.5	107.5	36817.2	199.7	5.1
73740	24.6	107.5	36820.5	199.9	5.1
73800	24.6	107.5	36823.8	200.1	5.1
73860	24.7	107.5	36827.1	200.3	5.1
73920	24.8	107.6	36830.4	200.5	5.1
73980	24.9	107.6	36833.7	200.7	5.1
74040	24.9	107.6	36837.1	200.8	5.1
74100	25.0	107.6	36840.4	201.0	5.1

74160	25.0	107.6	36843.7	201.2	5.1
74220	25.1	107.6	36847.0	201.4	5.1
74280	25.2	107.6	36850.4	201.6	5.1
74340	25.2	107.7	36853.7	201.7	5.1
74400	25.3	107.7	36857.0	201.9	5.1
74460	25.4	107.7	36860.4	202.1	5.2
74520	25.4	107.7	36863.7	202.3	5.2
74580	25.5	107.7	36867.0	202.4	5.2
74640	25.6	107.8	36870.4	202.6	5.2
74700	25.6	107.8	36873.7	202.8	5.2
74760	25.7	107.8	36877.1	203.0	5.2
74820	25.7	107.8	36880.4	203.1	5.2
74880	25.8	107.8	36883.7	203.3	5.2
74940	25.9	107.9	36887.1	203.5	5.2
75000	25.9	107.9	36890.4	203.6	5.2
75060	26.0	107.9	36893.7	203.8	5.2
75120	26.0	107.9	36897.1	204.0	5.2
75180	26.1	107.9	36900.4	204.1	5.2
75240	26.1	108.0	36903.7	204.3	5.2
75300	26.2	108.0	36907.1	204.5	5.2
75360	26.3	108.0	36910.4	204.6	5.3
75420	26.3	108.0	36913.7	204.8	5.3
75480	26.4	108.0	36917.0	204.9	5.3
75540	26.4	108.1	36920.3	205.1	5.3
75600	26.5	108.1	36923.6	205.3	5.3
75660	26.5	108.1	36926.9	205.4	5.3
75720	26.6	108.1	36930.2	205.6	5.3
75780	26.6	108.2	36933.5	205.7	5.3
75840	26.7	108.2	36936.8	205.9	5.3
75900	26.7	108.2	36940.1	206.0	5.3
75960	26.8	108.2	36943.4	206.2	5.3
76020	26.8	108.3	36946.6	206.4	5.3
76080	26.9	108.3	36949.9	206.5	5.3
76140	26.9	108.3	36953.2	206.7	5.3
76200	27.0	108.3	36956.4	206.8	5.3
76260	27.0	108.4	36959.7	207.0	5.4
76320	27.1	108.4	36962.9	207.1	5.4
76380	27.1	108.4	36966.1	207.3	5.4
76440	27.2	108.4	36969.3	207.4	5.4
76500	27.2	108.5	36972.6	207.6	5.4
76560	27.3	108.5	36975.8	207.7	5.4
76620	27.3	108.5	36979.0	207.9	5.4
76680	27.3	108.5	36982.1	208.0	5.4
76740	27.4	108.6	36985.3	208.1	5.4
76800	27.4	108.6	36988.5	208.3	5.4
76860	27.5	108.6	36991.6	208.4	5.4
76920	27.5	108.7	36994.8	208.6	5.4
76980	27.6	108.7	36997.9	208.7	5.4

77040	27.6	108.7	37001.1	208.9	5.4
77100	27.6	108.7	37004.2	209.0	5.4
77160	27.7	108.8	37007.3	209.1	5.4
77220	27.7	108.8	37010.4	209.3	5.5
77280	27.8	108.8	37013.5	209.4	5.5
77340	27.8	108.9	37016.5	209.6	5.5
77400	27.8	108.9	37019.6	209.7	5.5
77460	27.9	108.9	37022.6	209.8	5.5
77520	27.9	108.9	37025.7	210.0	5.5
77580	27.9	109.0	37028.7	210.1	5.5
77640	28.0	109.0	37031.7	210.2	5.5
77700	28.0	109.0	37034.7	210.4	5.5
77760	28.0	109.1	37037.7	210.5	5.5
77820	28.1	109.1	37040.6	210.6	5.5
77880	28.1	109.1	37043.6	210.8	5.5
77940	28.1	109.2	37046.5	210.9	5.5
78000	28.2	109.2	37049.4	211.0	5.5
78060	28.2	109.2	37052.3	211.1	5.5
78120	28.2	109.3	37055.2	211.3	5.5
78180	28.3	109.3	37058.1	211.4	5.5
78240	28.3	109.3	37061.0	211.5	5.5
78300	28.3	109.4	37063.8	211.7	5.6
78360	28.4	109.4	37066.7	211.8	5.6
78420	28.4	109.4	37069.5	211.9	5.6
78480	28.4	109.4	37072.3	212.0	5.6
78540	28.4	109.5	37075.0	212.2	5.6
78600	28.5	109.5	37077.8	212.3	5.6
78660	28.5	109.5	37080.6	212.4	5.6
78720	28.5	109.6	37083.3	212.5	5.6
78780	28.5	109.6	37086.0	212.6	5.6
78840	28.6	109.6	37088.7	212.8	5.6
78900	28.6	109.7	37091.4	212.9	5.6
78960	28.6	109.7	37094.0	213.0	5.6
79020	28.6	109.7	37096.7	213.1	5.6
79080	28.6	109.8	37099.3	213.2	5.6
79140	28.7	109.8	37101.9	213.4	5.6
79200	28.7	109.8	37104.5	213.5	5.6
79260	28.7	109.9	37107.0	213.6	5.6
79320	28.7	109.9	37109.6	213.7	5.6
79380	28.7	110.0	37112.1	213.8	5.6
79440	28.8	110.0	37114.6	213.9	5.6
79500	28.8	110.0	37117.1	214.0	5.7
79560	28.8	110.1	37119.5	214.2	5.7
79620	28.8	110.1	37122.0	214.3	5.7
79680	28.8	110.1	37124.4	214.4	5.7
79740	28.8	110.2	37126.8	214.5	5.7
79800	28.8	110.2	37129.2	214.6	5.7
79860	28.9	110.2	37131.6	214.7	5.7

79920	28.9	110.3	37133.9	214.8	5.7
79980	28.9	110.3	37136.2	214.9	5.7
80040	28.9	110.3	37138.5	215.0	5.7
80100	28.9	110.4	37140.8	215.1	5.7
80160	28.9	110.4	37143.0	215.2	5.7
80220	28.9	110.4	37145.3	215.3	5.7
80280	28.9	110.5	37147.5	215.5	5.7
80340	28.9	110.5	37149.6	215.6	5.7
80400	29.0	110.6	37151.8	215.7	5.7
80460	29.0	110.6	37153.9	215.8	5.7
80520	29.0	110.6	37156.1	215.9	5.7
80580	29.0	110.7	37158.1	216.0	5.7
80640	29.0	110.7	37160.2	216.1	5.7
80700	29.0	110.7	37162.3	216.2	5.7
80760	29.0	110.8	37164.3	216.3	5.7
80820	29.0	110.8	37166.3	216.4	5.7
80880	29.0	110.8	37168.2	216.5	5.7
80940	29.0	110.9	37170.2	216.6	5.7
81000	29.0	110.9	37172.1	216.7	5.7
81060	29.0	110.9	37174.0	216.8	5.8
81120	29.0	111.0	37175.9	216.8	5.8
81180	29.0	111.0	37177.7	216.9	5.8
81240	29.0	111.1	37179.6	217.0	5.8
81300	29.0	111.1	37181.4	217.1	5.8
81360	29.0	111.1	37183.1	217.2	5.8
81420	29.0	111.2	37184.9	217.3	5.8
81480	29.0	111.2	37186.6	217.4	5.8
81540	29.0	111.2	37188.3	217.5	5.8
81600	29.0	111.3	37190.0	217.6	5.8
81660	29.0	111.3	37191.6	217.7	5.8
81720	29.0	111.3	37193.3	217.8	5.8
81780	29.0	111.4	37194.8	217.9	5.8
81840	29.0	111.4	37196.4	218.0	5.8
81900	29.0	111.4	37198.0	218.0	5.8
81960	28.9	111.5	37199.5	218.1	5.8
82020	28.9	111.5	37201.0	218.2	5.8
82080	28.9	111.6	37202.4	218.3	5.8
82140	28.9	111.6	37203.9	218.4	5.8
82200	28.9	111.6	37205.3	218.5	5.8
82260	28.9	111.7	37206.7	218.6	5.8
82320	28.9	111.7	37208.0	218.6	5.8
82380	28.9	111.7	37209.3	218.7	5.8
82440	28.9	111.8	37210.6	218.8	5.8
82500	28.8	111.8	37211.9	218.9	5.8
82560	28.8	111.8	37213.2	218.9	5.8
82620	28.8	111.9	37214.4	219.0	5.8
82680	28.8	111.9	37215.6	219.1	5.8
82740	28.8	111.9	37216.7	219.2	5.8

82800	28.8	112.0	37217.9	219.3	5.8
82860	28.8	112.0	37219.0	219.4	5.8
82920	28.7	112.0	37220.1	219.4	5.8
82980	28.7	112.1	37221.1	219.5	5.8
83040	28.7	112.1	37222.1	219.6	5.8
83100	28.7	112.1	37223.1	219.7	5.8
83160	28.7	112.2	37224.1	219.7	5.8
83220	28.6	112.2	37225.0	219.8	5.8
83280	28.6	112.2	37225.9	219.9	5.8
83340	28.6	112.3	37226.8	220.0	5.8
83400	28.6	112.3	37227.7	220.0	5.8
83460	28.5	112.3	37228.5	220.1	5.8
83520	28.5	112.4	37229.3	220.2	5.8
83580	28.5	112.4	37230.1	220.2	5.8
83640	28.5	112.4	37230.8	220.3	5.8
83700	28.4	112.5	37231.5	220.4	5.8
83760	28.4	112.5	37232.2	220.4	5.9
83820	28.4	112.5	37232.9	220.5	5.9
83880	28.4	112.6	37233.5	220.6	5.9
83940	28.3	112.6	37234.1	220.7	5.9
84000	28.3	112.6	37234.7	220.7	5.9
84060	28.3	112.7	37235.2	220.8	5.9
84120	28.3	112.7	37235.7	220.8	5.9
84180	28.2	112.7	37236.2	220.9	5.9
84240	28.2	112.8	37236.7	221.0	5.9
84300	28.2	112.8	37237.1	221.0	5.9
84360	28.1	112.8	37237.5	221.1	5.9
84420	28.1	112.9	37237.8	221.2	5.9
84480	28.1	112.9	37238.2	221.2	5.9
84540	28.0	112.9	37238.5	221.3	5.9
84600	28.0	113.0	37238.8	221.3	5.9

84660	28.0	113.0	37239.0	221.4	5.9
84720	27.9	113.0	37239.2	221.5	5.9
84780	27.9	113.1	37239.4	221.5	5.9
84840	27.9	113.1	37239.6	221.6	5.9
84900	27.8	113.1	37239.7	221.6	5.9
84960	27.8	113.1	37239.8	221.7	5.9
85020	27.7	113.2	37239.9	221.7	5.9
85080	27.7	113.2	37240.0	221.8	5.9
85140	27.7	113.2	37240.0	221.8	5.9
85200	27.6	113.3	37240.0	221.9	5.9
85260	27.6	113.3	37239.9	221.9	5.9
85320	27.5	113.3	37239.9	222.0	5.9
85380	27.5	113.3	37239.8	222.1	5.9
85440	27.5	113.4	37239.7	222.1	5.9
85500	27.4	113.4	37239.5	222.2	5.9
85560	27.4	113.4	37239.3	222.2	5.9
85620	27.3	113.5	37239.1	222.2	5.9
85680	27.3	113.5	37238.9	222.3	5.9
85740	27.2	113.5	37238.6	222.3	5.9
85800	27.2	113.5	37238.3	222.4	5.9
85860	27.2	113.6	37238.0	222.4	5.9
85920	27.1	113.6	37237.6	222.5	5.9
85980	27.1	113.6	37237.3	222.5	5.9
86040	27.0	113.6	37236.9	222.6	5.9
86100	27.0	113.7	37236.4	222.6	5.9
86160	26.9	113.7	37236.0	222.7	5.9
86220	26.9	113.7	37235.5	222.7	5.9
86280	26.8	113.7	37234.9	222.7	5.9
86340	26.8	113.8	37234.4	222.8	5.9
86400	26.7	113.8	37233.8	222.8	5.9