

Year	Total asmosphere (*10^10)	Oxygen	Loss	Pressure	Percent
0	500000000	105000000	60000	1	0.21
1000	499940000	104940000	59992.8	0.99988	0.2099051886
2000	499880007.2	104880007.2	59985.60086	0.9997600144	0.2098103659
3000	499820021.6	104820021.6	59978.40259	0.9996400432	0.2097155317
4000	499760043.2	104760043.2	59971.20518	0.9995200864	0.2096206862
5000	499700072	104700072	59964.00864	0.999400144	0.2095258293
6000	499640108	104640108	59956.81296	0.999280216	0.209430961
7000	499580151.2	104580151.2	59949.61814	0.9991603023	0.2093360814
8000	499520201.6	104520201.6	59942.42419	0.9990404031	0.2092411903
9000	499460259.1	104460259.1	59935.2311	0.9989205183	0.2091462879
10000	499400323.9	104400323.9	59928.03887	0.9988006478	0.209051374
11000	499340395.9	104340395.9	59920.8475	0.9986807917	0.2089564488
12000	499280475	104280475	59913.657	0.99856095	0.2088615122
13000	499220561.4	104220561.4	59906.46736	0.9984411227	0.2087665642
14000	499160654.9	104160654.9	59899.27859	0.9983213098	0.2086716048
15000	499100755.6	104100755.6	59892.09067	0.9982015112	0.208576634
16000	499040863.5	104040863.5	59884.90362	0.998081727	0.2084816517
17000	498980978.6	103980978.6	59877.71743	0.9979619572	0.2083866581
18000	498921100.9	103921100.9	59870.53211	0.9978422018	0.2082916531
19000	498861230.4	103861230.4	59863.34764	0.9977224607	0.2081966367
20000	498801367	103801367	59856.16404	0.997602734	0.2081016089
21000	498741510.9	103741510.9	59848.9813	0.9974830217	0.2080065697
22000	498681661.9	103681661.9	59841.79942	0.9973633237	0.2079115191
23000	498621820.1	103621820.1	59834.61841	0.9972436401	0.2078164571
24000	498561985.5	103561985.5	59827.43825	0.9971239709	0.2077213836
25000	498502158	103502158	59820.25896	0.997004316	0.2076262988
26000	498442337.8	103442337.8	59813.08053	0.9968846755	0.2075312025
27000	498382524.7	103382524.7	59805.90296	0.9967650493	0.2074360949
28000	498322718.8	103322718.8	59798.72625	0.9966454375	0.2073409758
29000	498262920	103262920	59791.55041	0.9965258401	0.2072458453
30000	498203128.5	103203128.5	59784.37542	0.996406257	0.2071507034
31000	498143344.1	103143344.1	59777.20129	0.9962866882	0.20705555
32000	498083566.9	103083566.9	59770.02803	0.9961671338	0.2069603853
33000	498023796.9	103023796.9	59762.85563	0.9960475938	0.2068652091
34000	497964034	102964034	59755.68408	0.9959280681	0.2067700215
35000	497904278.4	102904278.4	59748.5134	0.9958085567	0.2066748225
36000	497844529.8	102844529.8	59741.34358	0.9956890597	0.2065796121
37000	497784788.5	102784788.5	59734.17462	0.995569577	0.2064843902
38000	497725054.3	102725054.3	59727.00652	0.9954501086	0.2063891569
39000	497665327.3	102665327.3	59719.83928	0.9953306546	0.2062939121
40000	497605607.5	102605607.5	59712.6729	0.9952112149	0.206198656
41000	497545894.8	102545894.8	59705.50738	0.9950917896	0.2061033884

42000	497486189.3	102486189.3	59698.34272	0.9949723786	0.2060081094
43000	497426491	102426491	59691.17891	0.9948529819	0.2059128189
44000	497366799.8	102366799.8	59684.01597	0.9947335995	0.205817517
45000	497307115.8	102307115.8	59676.85389	0.9946142315	0.2057222037
46000	497247438.9	102247438.9	59669.69267	0.9944948778	0.2056268789
47000	497187769.2	102187769.2	59662.53231	0.9943755384	0.2055315427
48000	497128106.7	102128106.7	59655.3728	0.9942562134	0.205436195
49000	497068451.3	102068451.3	59648.21416	0.9941369026	0.2053408359
50000	497008803.1	102008803.1	59641.05637	0.9940176062	0.2052454654
51000	496949162	101949162	59633.89944	0.9938983241	0.2051500834
52000	496889528.1	101889528.1	59626.74338	0.9937790563	0.20505469
53000	496829901.4	101829901.4	59619.58817	0.9936598028	0.2049592851
54000	496770281.8	101770281.8	59612.43382	0.9935405636	0.2048638687
55000	496710669.4	101710669.4	59605.28032	0.9934213387	0.2047684409
56000	496651064.1	101651064.1	59598.12769	0.9933021282	0.2046730017
57000	496591466	101591466	59590.97592	0.9931829319	0.204577551
58000	496531875	101531875	59583.825	0.99306375	0.2044820889
59000	496472291.2	101472291.2	59576.67494	0.9929445823	0.2043866153
60000	496412714.5	101412714.5	59569.52574	0.992825429	0.2042911302
61000	496353145	101353145	59562.3774	0.9927062899	0.2041956337
62000	496293582.6	101293582.6	59555.22991	0.9925871652	0.2041001257
63000	496234027.4	101234027.4	59548.08328	0.9924680547	0.2040046062
64000	496174479.3	101174479.3	59540.93751	0.9923489585	0.2039090753
65000	496114938.3	101114938.3	59533.7926	0.9922298767	0.203813533
66000	496055404.5	101055404.5	59526.64854	0.9921108091	0.2037179791
67000	495995877.9	100995877.9	59519.50535	0.9919917558	0.2036224138
68000	495936358.4	100936358.4	59512.36301	0.9918727168	0.203526837
69000	495876846	100876846	59505.22152	0.991753692	0.2034312488
70000	495817340.8	100817340.8	59498.0809	0.9916346816	0.203335649
71000	495757842.7	100757842.7	59490.94113	0.9915156854	0.2032400379
72000	495698351.8	100698351.8	59483.80221	0.9913967036	0.2031444152
73000	495638868	100638868	59476.66416	0.991277736	0.203048781
74000	495579391.3	100579391.3	59469.52696	0.9911587826	0.2029531354
75000	495519921.8	100519921.8	59462.39061	0.9910398436	0.2028574783
76000	495460459.4	100460459.4	59455.25513	0.9909209188	0.2027618097
77000	495401004.1	100401004.1	59448.1205	0.9908020083	0.2026661297
78000	495341556	100341556	59440.98672	0.990683112	0.2025704381
79000	495282115	100282115	59433.8538	0.9905642301	0.2024747351
80000	495222681.2	100222681.2	59426.72174	0.9904453624	0.2023790206
81000	495163254.5	100163254.5	59419.59053	0.9903265089	0.2022832946
82000	495103834.9	100103834.9	59412.46018	0.9902076697	0.2021875571
83000	495044422.4	100044422.4	59405.33069	0.9900888448	0.2020918081
84000	494985017.1	99985017.07	59398.20205	0.9899700341	0.2019960476

85000	494925618.9	99925618.87	59391.07426	0.9898512377	0.2019002756
86000	494866227.8	99866227.8	59383.94734	0.9897324556	0.2018044922
87000	494806843.9	99806843.85	59376.82126	0.9896136877	0.2017086972
88000	494747467	99747467.03	59369.69604	0.9894949341	0.2016128908
89000	494688097.3	99688097.33	59362.57168	0.9893761947	0.2015170728
90000	494628734.8	99628734.76	59355.44817	0.9892574695	0.2014212434
91000	494569379.3	99569379.31	59348.32552	0.9891387586	0.2013254024
92000	494510031	99510030.99	59341.20372	0.989020062	0.20122955
93000	494450689.8	99450689.78	59334.08277	0.9889013796	0.201133686
94000	494391355.7	99391355.7	59326.96268	0.9887827114	0.2010378105
95000	494332028.7	99332028.74	59319.84345	0.9886640575	0.2009419236
96000	494272708.9	99272708.9	59312.72507	0.9885454178	0.2008460251
97000	494213396.2	99213396.17	59305.60754	0.9884267923	0.2007501151
98000	494154090.6	99154090.56	59298.49087	0.9883081811	0.2006541936
99000	494094792.1	99094792.07	59291.37505	0.9881895841	0.2005582606
100000	494035500.7	99035500.7	59284.26008	0.9880710014	0.2004623161
101000	493976216.4	98976216.44	59277.14597	0.9879524329	0.20036636
102000	493916939.3	98916939.29	59270.03271	0.9878338786	0.2002703925
103000	493857669.3	98857669.26	59262.92031	0.9877153385	0.2001744134
104000	493798406.3	98798406.34	59255.80876	0.9875968127	0.2000784228
105000	493739150.5	98739150.53	59248.69806	0.9874783011	0.1999824207
106000	493679901.8	98679901.83	59241.58822	0.9873598037	0.1998864071
107000	493620660.2	98620660.24	59234.47923	0.9872413205	0.1997903819
108000	493561425.8	98561425.76	59227.37109	0.9871228515	0.1996943453
109000	493502198.4	98502198.39	59220.26381	0.9870043968	0.1995982971
110000	493442978.1	98442978.13	59213.15738	0.9868859563	0.1995022373
111000	493383765	98383764.97	59206.0518	0.9867675299	0.1994061661
112000	493324558.9	98324558.92	59198.94707	0.9866491178	0.1993100833
113000	493265360	98265359.97	59191.8432	0.9865307199	0.199213989
114000	493206168.1	98206168.13	59184.74018	0.9864123363	0.1991178831
115000	493146983.4	98146983.39	59177.63801	0.9862939668	0.1990217657
116000	493087805.8	98087805.75	59170.53669	0.9861756115	0.1989256368
117000	493028635.2	98028635.21	59163.43623	0.9860572704	0.1988294963
118000	492969471.8	97969471.78	59156.33661	0.9859389436	0.1987333443
119000	492910315.4	97910315.44	59149.23785	0.9858206309	0.1986371808
120000	492851166.2	97851166.2	59142.13994	0.9857023324	0.1985410057
121000	492792024.1	97792024.06	59135.04289	0.9855840481	0.1984448191
122000	492732889	97732889.02	59127.94668	0.985465778	0.1983486209
123000	492673761.1	97673761.07	59120.85133	0.9853475221	0.1982524112
124000	492614640.2	97614640.22	59113.75683	0.9852292804	0.19815619
125000	492555526.5	97555526.47	59106.66318	0.9851110529	0.1980599572
126000	492496419.8	97496419.8	59099.57038	0.9849928396	0.1979637128
127000	492437320.2	97437320.23	59092.47843	0.9848746405	0.1978674569

128000	492378227.8	97378227.75	59085.38733	0.9847564555	0.1977711894
129000	492319142.4	97319142.37	59078.29708	0.9846382847	0.1976749104
130000	492260064.1	97260064.07	59071.20769	0.9845201281	0.1975786199
131000	492200992.9	97200992.86	59064.11914	0.9844019857	0.1974823177
132000	492141928.7	97141928.74	59057.03145	0.9842838575	0.1973860041
133000	492082871.7	97082871.71	59049.94461	0.9841657434	0.1972896788
134000	492023821.8	97023821.77	59042.85861	0.9840476435	0.197193342
135000	491964778.9	96964778.91	59035.77347	0.9839295578	0.1970969937
136000	491905743.1	96905743.13	59028.68918	0.9838114863	0.1970006337
137000	491846714.4	96846714.45	59021.60573	0.9836934289	0.1969042622
138000	491787692.8	96787692.84	59014.52314	0.9835753857	0.1968078792
139000	491728678.3	96728678.32	59007.4414	0.9834573566	0.1967114846
140000	491669670.9	96669670.88	59000.36051	0.9833393418	0.1966150784
141000	491610670.5	96610670.51	58993.28046	0.983221341	0.1965186606
142000	491551677.2	96551677.23	58986.20127	0.9831033545	0.1964222313
143000	491492691	96492691.03	58979.12292	0.9829853821	0.1963257904
144000	491433711.9	96433711.91	58972.04543	0.9828674238	0.1962293379
145000	491374739.9	96374739.86	58964.96878	0.9827494797	0.1961328738
146000	491315774.9	96315774.9	58957.89299	0.9826315498	0.1960363982
147000	491256817	96256817	58950.81804	0.982513634	0.195939911
148000	491197866.2	96197866.18	58943.74394	0.9823957324	0.1958434122
149000	491138922.4	96138922.44	58936.67069	0.9822778449	0.1957469018
150000	491079985.8	96079985.77	58929.59829	0.9821599715	0.1956503799
151000	491021056.2	96021056.17	58922.52674	0.9820421123	0.1955538463
152000	490962133.6	95962133.65	58915.45604	0.9819242673	0.1954573012
153000	490903218.2	95903218.19	58908.38618	0.9818064364	0.1953607445
154000	490844309.8	95844309.8	58901.31718	0.9816886196	0.1952641762
155000	490785408.5	95785408.49	58894.24902	0.981570817	0.1951675963
156000	490726514.2	95726514.24	58887.18171	0.9814530285	0.1950710048
157000	490667627.1	95667627.05	58880.11525	0.9813352541	0.1949744018
158000	490608746.9	95608746.94	58873.04963	0.9812174939	0.1948777871
159000	490549873.9	95549873.89	58865.98487	0.9810997478	0.1947811608
160000	490491007.9	95491007.91	58858.92095	0.9809820158	0.194684523
161000	490432149	95432148.98	58851.85788	0.980864298	0.1945878735
162000	490373297.1	95373297.13	58844.79566	0.9807465943	0.1944912125
163000	490314452.3	95314452.33	58837.73428	0.9806289047	0.1943945398
164000	490255614.6	95255614.6	58830.67375	0.9805112292	0.1942978556
165000	490196783.9	95196783.92	58823.61407	0.9803935678	0.1942011597
166000	490137960.3	95137960.31	58816.55524	0.9802759206	0.1941044522
167000	490079143.8	95079143.75	58809.49725	0.9801582875	0.1940077332
168000	490020334.3	95020334.26	58802.44011	0.9800406685	0.1939110025
169000	489961531.8	94961531.82	58795.38382	0.9799230636	0.1938142602
170000	489902736.4	94902736.43	58788.32837	0.9798054729	0.1937175063

171000	489843948.1	94843948.1	58781.27377	0.9796878962	0.1936207408
172000	489785166.8	94785166.83	58774.22002	0.9795703337	0.1935239637
173000	489726392.6	94726392.61	58767.16711	0.9794527852	0.1934271749
174000	489667625.4	94667625.44	58760.11505	0.9793352509	0.1933303746
175000	489608865.3	94608865.33	58753.06384	0.9792177307	0.1932335626
176000	489550112.3	94550112.26	58746.01347	0.9791002245	0.193136739
177000	489491366.3	94491366.25	58738.96395	0.9789827325	0.1930399038
178000	489432627.3	94432627.29	58731.91527	0.9788652546	0.192943057
179000	489373895.4	94373895.37	58724.86744	0.9787477907	0.1928461985
180000	489315170.5	94315170.5	58717.82046	0.978630341	0.1927493284
181000	489256452.7	94256452.68	58710.77432	0.9785129054	0.1926524467
182000	489197741.9	94197741.91	58703.72903	0.9783954838	0.1925555534
183000	489139038.2	94139038.18	58696.68458	0.9782780764	0.1924586484
184000	489080341.5	94080341.5	58689.64098	0.978160683	0.1923617318
185000	489021651.9	94021651.85	58682.59822	0.9780433037	0.1922648036
186000	488962969.3	93962969.26	58675.55631	0.9779259385	0.1921678638
187000	488904293.7	93904293.7	58668.51524	0.9778085874	0.1920709123
188000	488845625.2	93845625.18	58661.47502	0.9776912504	0.1919739491
189000	488786963.7	93786963.71	58654.43565	0.9775739274	0.1918769744
190000	488728309.3	93728309.27	58647.39711	0.9774566185	0.191779988
191000	488669661.9	93669661.88	58640.35943	0.9773393238	0.1916829899
192000	488611021.5	93611021.52	58633.32258	0.977222043	0.1915859802
193000	488552388.2	93552388.19	58626.28658	0.9771047764	0.1914889589
194000	488493761.9	93493761.91	58619.25143	0.9769875238	0.191391926
195000	488435142.7	93435142.66	58612.21712	0.9768702853	0.1912948813
196000	488376530.4	93376530.44	58605.18365	0.9767530609	0.1911978251
197000	488317925.3	93317925.26	58598.15103	0.9766358505	0.1911007572
198000	488259327.1	93259327.11	58591.11925	0.9765186542	0.1910036776
199000	488200736	93200735.99	58584.08832	0.976401472	0.1909065864
200000	488142151.9	93142151.9	58577.05823	0.9762843038	0.1908094835
201000	488083574.8	93083574.84	58570.02898	0.9761671497	0.190712369
202000	488025004.8	93025004.81	58563.00058	0.9760500096	0.1906152429
203000	487966441.8	92966441.81	58555.97302	0.9759328836	0.190518105
204000	487907885.8	92907885.84	58548.9463	0.9758157717	0.1904209555
205000	487849336.9	92849336.89	58541.92043	0.9756986738	0.1903237944
206000	487790795	92790794.97	58534.8954	0.9755815899	0.1902266216
207000	487732260.1	92732260.07	58527.87121	0.9754645201	0.1901294371
208000	487673732.2	92673732.2	58520.84786	0.9753474644	0.190032241
209000	487615211.4	92615211.36	58513.82536	0.9752304227	0.1899350332
210000	487556697.5	92556697.53	58506.8037	0.9751133951	0.1898378137
211000	487498190.7	92498190.73	58499.78289	0.9749963815	0.1897405826
212000	487439690.9	92439690.94	58492.76291	0.9748793819	0.1896433398
213000	487381198.2	92381198.18	58485.74378	0.9747623964	0.1895460853

214000	487322712.4	92322712.44	58478.72549	0.9746454249	0.1894488192
215000	487264233.7	92264233.71	58471.70805	0.9745284674	0.1893515414
216000	487205762	92205762	58464.69144	0.974411524	0.1892542519
217000	487147297.3	92147297.31	58457.67568	0.9742945946	0.1891569507
218000	487088839.6	92088839.64	58450.66076	0.9741776793	0.1890596379
219000	487030389	92030388.98	58443.64668	0.974060778	0.1889623134
220000	486971945.3	91971945.33	58436.63344	0.9739438907	0.1888649772
221000	486913508.7	91913508.7	58429.62104	0.9738270174	0.1887676293
222000	486855079.1	91855079.07	58422.60949	0.9737101581	0.1886702697
223000	486796656.5	91796656.46	58415.59878	0.9735933129	0.1885728984
224000	486738240.9	91738240.87	58408.5889	0.9734764817	0.1884755155
225000	486679832.3	91679832.28	58401.57987	0.9733596646	0.1883781209
226000	486621430.7	91621430.7	58394.57168	0.9732428614	0.1882807146
227000	486563036.1	91563036.13	58387.56434	0.9731260723	0.1881832966
228000	486504648.6	91504648.56	58380.55783	0.9730092971	0.1880858669
229000	486446268	91446268	58373.55216	0.972892536	0.1879884255
230000	486387894.5	91387894.45	58366.54733	0.9727757889	0.1878909724
231000	486329527.9	91329527.9	58359.54335	0.9726590558	0.1877935076
232000	486271168.4	91271168.36	58352.5402	0.9725423367	0.1876960311
233000	486212815.8	91212815.82	58345.5379	0.9724256316	0.187598543
234000	486154470.3	91154470.28	58338.53643	0.9723089406	0.1875010431
235000	486096131.7	91096131.75	58331.53581	0.9721922635	0.1874035315
236000	486037800.2	91037800.21	58324.53603	0.9720756004	0.1873060082
237000	485979475.7	90979475.67	58317.53708	0.9719589513	0.1872084733
238000	485921158.1	90921158.14	58310.53898	0.9718423163	0.1871109266
239000	485862847.6	90862847.6	58303.54171	0.9717256952	0.1870133682
240000	485804544.1	90804544.06	58296.54529	0.9716090881	0.1869157981
241000	485746247.5	90746247.51	58289.5497	0.971492495	0.1868182163
242000	485687958	90687957.96	58282.55496	0.9713759159	0.1867206227
243000	485629675.4	90629675.41	58275.56105	0.9712593508	0.1866230175
244000	485571399.8	90571399.85	58268.56798	0.9711427997	0.1865254005
245000	485513131.3	90513131.28	58261.57575	0.9710262626	0.1864277719
246000	485454869.7	90454869.7	58254.58436	0.9709097394	0.1863301315
247000	485396615.1	90396615.12	58247.59381	0.9707932302	0.1862324794
248000	485338367.5	90338367.52	58240.6041	0.970676735	0.1861348156
249000	485280126.9	90280126.92	58233.61523	0.9705602538	0.18603714
250000	485221893.3	90221893.3	58226.6272	0.9704437866	0.1859394528
251000	485163666.7	90163666.68	58219.64	0.9703273334	0.1858417538
252000	485105447	90105447.04	58212.65364	0.9702108941	0.185744043
253000	485047234.4	90047234.38	58205.66813	0.9700944688	0.1856463206
254000	484989028.7	89989028.72	58198.68345	0.9699780574	0.1855485864
255000	484930830	89930830.03	58191.6996	0.9698616601	0.1854508405
256000	484872638.3	89872638.33	58184.7166	0.9697452767	0.1853530829

257000	484814453.6	89814453.62	58177.73443	0.9696289072	0.1852553135
258000	484756275.9	89756275.88	58170.75311	0.9695125518	0.1851575324
259000	484698105.1	89698105.13	58163.77262	0.9693962103	0.1850597396
260000	484639941.4	89639941.36	58156.79296	0.9692798827	0.184961935
261000	484581784.6	89581784.56	58149.81415	0.9691635691	0.1848641187
262000	484523634.7	89523634.75	58142.83617	0.9690472695	0.1847662907
263000	484465491.9	89465491.91	58135.85903	0.9689309838	0.1846684509
264000	484407356.1	89407356.05	58128.88273	0.9688147121	0.1845705994
265000	484349227.2	89349227.17	58121.90726	0.9686984543	0.1844727361
266000	484291105.3	89291105.26	58114.93263	0.9685822105	0.1843748611
267000	484232990.3	89232990.33	58107.95884	0.9684659807	0.1842769743
268000	484174882.4	89174882.37	58100.98588	0.9683497647	0.1841790758
269000	484116781.4	89116781.39	58094.01377	0.9682335628	0.1840811656
270000	484058687.4	89058687.37	58087.04248	0.9681173747	0.1839832436
271000	484000600.3	89000600.33	58080.07204	0.9680012007	0.1838853098
272000	483942520.3	88942520.26	58073.10243	0.9678850405	0.1837873643
273000	483884447.2	88884447.16	58066.13366	0.9677688943	0.183689407
274000	483826381	88826381.02	58059.16572	0.967652762	0.183591438
275000	483768321.9	88768321.86	58052.19862	0.9675366437	0.1834934572
276000	483710269.7	88710269.66	58045.23236	0.9674205393	0.1833954646
277000	483652224.4	88652224.42	58038.26693	0.9673044488	0.1832974603
278000	483594186.2	88594186.16	58031.30234	0.9671883723	0.1831994443
279000	483536154.9	88536154.86	58024.33858	0.9670723097	0.1831014164
280000	483478130.5	88478130.52	58017.37566	0.966956261	0.1830033768
281000	483420113.1	88420113.14	58010.41358	0.9668402263	0.1829053255
282000	483362102.7	88362102.73	58003.45233	0.9667242055	0.1828072624
283000	483304099.3	88304099.28	57996.49191	0.9666081986	0.1827091875
284000	483246102.8	88246102.78	57989.53233	0.9664922056	0.1826111008
285000	483188113.3	88188113.25	57982.57359	0.9663762265	0.1825130024
286000	483130130.7	88130130.68	57975.61568	0.9662602614	0.1824148921
287000	483072155.1	88072155.06	57968.65861	0.9661443101	0.1823167702
288000	483014186.4	88014186.4	57961.70237	0.9660283728	0.1822186364
289000	482956224.7	87956224.7	57954.74696	0.9659124494	0.1821204908
290000	482898270	87898269.95	57947.79239	0.9657965399	0.1820223335
291000	482840322.2	87840322.16	57940.83866	0.9656806443	0.1819241644
292000	482782381.3	87782381.32	57933.88576	0.9655647626	0.1818259835
293000	482724447.4	87724447.44	57926.93369	0.9654488949	0.1817277909
294000	482666520.5	87666520.5	57919.98246	0.965333041	0.1816295864
295000	482608600.5	87608600.52	57913.03206	0.965217201	0.1815313702
296000	482550687.5	87550687.49	57906.0825	0.965101375	0.1814331422
297000	482492781.4	87492781.41	57899.13377	0.9649855628	0.1813349024
298000	482434882.3	87434882.27	57892.18587	0.9648697645	0.1812366508
299000	482376990.1	87376990.09	57885.23881	0.9647539802	0.1811383874

300000	482319104.8	87319104.85	57878.29258	0.9646382097	0.1810401122
301000	482261226.6	87261226.56	57871.34719	0.9645224531	0.1809418252
302000	482203355.2	87203355.21	57864.40262	0.9644067104	0.1808435264
303000	482145490.8	87145490.81	57857.4589	0.9642909816	0.1807452158
304000	482087633.3	87087633.35	57850.516	0.9641752667	0.1806468935
305000	482029782.8	87029782.83	57843.57394	0.9640595657	0.1805485593
306000	481971939.3	86971939.26	57836.63271	0.9639438785	0.1804502133
307000	481914102.6	86914102.62	57829.69231	0.9638282052	0.1803518555
308000	481856272.9	86856272.93	57822.75275	0.9637125459	0.180253486
309000	481798450.2	86798450.18	57815.81402	0.9635969004	0.1801551046
310000	481740634.4	86740634.36	57808.87612	0.9634812687	0.1800567114
311000	481682825.5	86682825.49	57801.93906	0.963365651	0.1799583064
312000	481625023.5	86625023.55	57795.00283	0.9632500471	0.1798598896
313000	481567228.5	86567228.55	57788.06743	0.9631344571	0.1797614609
314000	481509440.5	86509440.48	57781.13286	0.963018881	0.1796630205
315000	481451659.3	86451659.35	57774.19912	0.9629033187	0.1795645683
316000	481393885.1	86393885.15	57767.26622	0.9627877703	0.1794661042
317000	481336117.9	86336117.88	57760.33415	0.9626722358	0.1793676283
318000	481278357.5	86278357.55	57753.40291	0.9625567151	0.1792691406
319000	481220604.1	86220604.14	57746.4725	0.9624412083	0.1791706411
320000	481162857.7	86162857.67	57739.54292	0.9623257153	0.1790721297
321000	481105118.1	86105118.13	57732.61418	0.9622102363	0.1789736066
322000	481047385.5	86047385.51	57725.68626	0.962094771	0.1788750716
323000	480989659.8	85989659.83	57718.75918	0.9619793197	0.1787765248
324000	480931941.1	85931941.07	57711.83293	0.9618638821	0.1786779661
325000	480874229.2	85874229.24	57704.90751	0.9617484585	0.1785793956
326000	480816524.3	85816524.33	57697.98292	0.9616330487	0.1784808133
327000	480758826.3	85758826.35	57691.05916	0.9615176527	0.1783822192
328000	480701135.3	85701135.29	57684.13623	0.9614022706	0.1782836132
329000	480643451.2	85643451.15	57677.21414	0.9612869023	0.1781849954
330000	480585773.9	85585773.94	57670.29287	0.9611715479	0.1780863658
331000	480528103.6	85528103.64	57663.37244	0.9610562073	0.1779877243
332000	480470440.3	85470440.27	57656.45283	0.9609408805	0.177889071
333000	480412783.8	85412783.82	57649.53406	0.9608255676	0.1777904059
334000	480355134.3	85355134.28	57642.61611	0.9607102686	0.1776917289
335000	480297491.7	85297491.67	57635.699	0.9605949833	0.17759304
336000	480239856	85239855.97	57628.78272	0.9604797119	0.1774943394
337000	480182227.2	85182227.19	57621.86726	0.9603644544	0.1773956268
338000	480124605.3	85124605.32	57614.95264	0.9602492106	0.1772969025
339000	480066990.4	85066990.37	57608.03884	0.9601339807	0.1771981662
340000	480009382.3	85009382.33	57601.12588	0.9600187647	0.1770994182
341000	479951781.2	84951781.2	57594.21374	0.9599035624	0.1770006583
342000	479894187	84894186.99	57587.30244	0.959788374	0.1769018865

343000	479836599.7	84836599.69	57580.39196	0.9596731994	0.1768031028
344000	479779019.3	84779019.29	57573.48232	0.9595580386	0.1767043074
345000	479721445.8	84721445.81	57566.5735	0.9594428916	0.1766055
346000	479663879.2	84663879.24	57559.66551	0.9593277585	0.1765066808
347000	479606319.6	84606319.57	57552.75835	0.9592126391	0.1764078498
348000	479548766.8	84548766.81	57545.85202	0.9590975336	0.1763090069
349000	479491221	84491220.96	57538.94652	0.9589824419	0.1762101521
350000	479433682	84433682.02	57532.04184	0.958867364	0.1761112854
351000	479376150	84376149.97	57525.138	0.9587522999	0.1760124069
352000	479318624.8	84318624.84	57518.23498	0.9586372497	0.1759135165
353000	479261106.6	84261106.6	57511.33279	0.9585222132	0.1758146143
354000	479203595.3	84203595.27	57504.43143	0.9584071905	0.1757157002
355000	479146090.8	84146090.84	57497.5309	0.9582921817	0.1756167742
356000	479088593.3	84088593.31	57490.6312	0.9581771866	0.1755178363
357000	479031102.7	84031102.67	57483.73232	0.9580622053	0.1754188866
358000	478973618.9	83973618.94	57476.83427	0.9579472379	0.175319925
359000	478916142.1	83916142.11	57469.93705	0.9578322842	0.1752209515
360000	478858672.2	83858672.17	57463.04066	0.9577173443	0.1751219661
361000	478801209.1	83801209.13	57456.1451	0.9576024183	0.1750229689
362000	478743753	83743752.98	57449.25036	0.957487506	0.1749239598
363000	478686303.7	83686303.73	57442.35645	0.9573726075	0.1748249388
364000	478628861.4	83628861.38	57435.46337	0.9572577228	0.1747259059
365000	478571425.9	83571425.91	57428.57111	0.9571428518	0.1746268611
366000	478513997.3	83513997.34	57421.67968	0.9570279947	0.1745278044
367000	478456575.7	83456575.66	57414.78908	0.9569131513	0.1744287359
368000	478399160.9	83399160.87	57407.8993	0.9567983217	0.1743296554
369000	478341753	83341752.98	57401.01036	0.956683506	0.1742305631
370000	478284352	83284351.96	57394.12224	0.9565687039	0.1741314589
371000	478226957.8	83226957.84	57387.23494	0.9564539157	0.1740323428
372000	478169570.6	83169570.61	57380.34847	0.9563391412	0.1739332147
373000	478112190.3	83112190.26	57373.46283	0.9562243805	0.1738340748
374000	478054816.8	83054816.8	57366.57802	0.9561096336	0.173734923
375000	477997450.2	82997450.22	57359.69403	0.9559949004	0.1736357593
376000	477940090.5	82940090.52	57352.81086	0.955880181	0.1735365837
377000	477882737.7	82882737.71	57345.92853	0.9557654754	0.1734373962
378000	477825391.8	82825391.79	57339.04701	0.9556507836	0.1733381968
379000	477768052.7	82768052.74	57332.16633	0.9555361055	0.1732389855
380000	477710720.6	82710720.57	57325.28647	0.9554214411	0.1731397622
381000	477653395.3	82653395.29	57318.40743	0.9553067906	0.1730405271
382000	477596076.9	82596076.88	57311.52923	0.9551921538	0.17294128
383000	477538765.3	82538765.35	57304.65184	0.9550775307	0.1728420211
384000	477481460.7	82481460.7	57297.77528	0.9549629214	0.1727427502
385000	477424162.9	82424162.92	57290.89955	0.9548483258	0.1726434674

386000	477366872	82366872.02	57284.02464	0.954733744	0.1725441727
387000	477309588	82309588	57277.15056	0.954619176	0.1724448661
388000	477252310.8	82252310.85	57270.2773	0.9545046217	0.1723455476
389000	477195040.6	82195040.57	57263.40487	0.9543900811	0.1722462171
390000	477137777.2	82137777.16	57256.53326	0.9542755543	0.1721468748
391000	477080520.6	82080520.63	57249.66248	0.9541610413	0.1720475205
392000	477023271	82023270.97	57242.79252	0.9540465419	0.1719481542
393000	476966028.2	81966028.18	57235.92338	0.9539320564	0.1718487761
394000	476908792.3	81908792.25	57229.05507	0.9538175845	0.171749386
395000	476851563.2	81851563.2	57222.18758	0.9537031264	0.171649984
396000	476794341	81794341.01	57215.32092	0.953588682	0.1715505701
397000	476737125.7	81737125.69	57208.45508	0.9534742514	0.1714511442
398000	476679917.2	81679917.23	57201.59007	0.9533598345	0.1713517064
399000	476622715.6	81622715.64	57194.72588	0.9532454313	0.1712522567
400000	476565520.9	81565520.92	57187.86251	0.9531310418	0.171152795
401000	476508333.1	81508333.06	57180.99997	0.9530166661	0.1710533214
402000	476451152.1	81451152.06	57174.13825	0.9529023041	0.1709538359
403000	476393977.9	81393977.92	57167.27735	0.9527879558	0.1708543384
404000	476336810.6	81336810.64	57160.41728	0.9526736213	0.170754829
405000	476279650.2	81279650.22	57153.55803	0.9525593004	0.1706553076
406000	476222496.7	81222496.66	57146.6996	0.9524449933	0.1705557743
407000	476165350	81165349.97	57139.842	0.9523306999	0.1704562291
408000	476108210.1	81108210.12	57132.98521	0.9522164202	0.1703566719
409000	476051077.1	81051077.14	57126.12926	0.9521021543	0.1702571027
410000	475993951	80993951.01	57119.27412	0.951987902	0.1701575216
411000	475936831.7	80936831.73	57112.41981	0.9518736635	0.1700579286
412000	475879719.3	80879719.31	57105.56632	0.9517594386	0.1699583236
413000	475822613.7	80822613.75	57098.71365	0.9516452275	0.1698587066
414000	475765515	80765515.03	57091.8618	0.9515310301	0.1697590777
415000	475708423.2	80708423.17	57085.01078	0.9514168463	0.1696594368
416000	475651338.2	80651338.16	57078.16058	0.9513026763	0.169559784
417000	475594260	80594260	57071.3112	0.95118852	0.1694601192
418000	475537188.7	80537188.69	57064.46264	0.9510743774	0.1693604425
419000	475480124.2	80480124.23	57057.61491	0.9509602485	0.1692607538
420000	475423066.6	80423066.61	57050.76799	0.9508461332	0.1691610531
421000	475366015.8	80366015.85	57043.9219	0.9507320317	0.1690613405
422000	475308971.9	80308971.92	57037.07663	0.9506179438	0.1689616158
423000	475251934.8	80251934.85	57030.23218	0.9505038697	0.1688618793
424000	475194904.6	80194904.61	57023.38855	0.9503898092	0.1687621307
425000	475137881.2	80137881.23	57016.54575	0.9502757625	0.1686623702
426000	475080864.7	80080864.68	57009.70376	0.9501617294	0.1685625977
427000	475023855	80023854.98	57002.8626	0.95004771	0.1684628133
428000	474966852.1	79966852.11	56996.02225	0.9499337042	0.1683630168

429000	474909856.1	79909856.09	56989.18273	0.9498197122	0.1682632084
430000	474852866.9	79852866.91	56982.34403	0.9497057338	0.168163388
431000	474795884.6	79795884.56	56975.50615	0.9495917691	0.1680635556
432000	474738909.1	79738909.06	56968.66909	0.9494778181	0.1679637113
433000	474681940.4	79681940.39	56961.83285	0.9493638808	0.167863855
434000	474624978.6	79624978.56	56954.99743	0.9492499571	0.1677639866
435000	474568023.6	79568023.56	56948.16283	0.9491360471	0.1676641063
436000	474511075.4	79511075.4	56941.32905	0.9490221508	0.167564214
437000	474454134.1	79454134.07	56934.49609	0.9489082681	0.1674643097
438000	474397199.6	79397199.57	56927.66395	0.9487943991	0.1673643935
439000	474340271.9	79340271.91	56920.83263	0.9486805438	0.1672644652
440000	474283351.1	79283351.07	56914.00213	0.9485667021	0.167164525
441000	474226437.1	79226437.07	56907.17245	0.9484528741	0.1670645727
442000	474169529.9	79169529.9	56900.34359	0.9483390598	0.1669646085
443000	474112629.6	79112629.56	56893.51555	0.9482252591	0.1668646322
444000	474055736	79055736.04	56886.68832	0.9481114721	0.166764644
445000	473998849.4	78998849.35	56879.86192	0.9479976987	0.1666646437
446000	473941969.5	78941969.49	56873.03634	0.947883939	0.1665646315
447000	473885096.5	78885096.45	56866.21157	0.9477701929	0.1664646072
448000	473828230.2	78828230.24	56859.38763	0.9476564605	0.166364571
449000	473771370.9	78771370.86	56852.5645	0.9475427417	0.1662645227
450000	473714518.3	78714518.29	56845.74219	0.9474290366	0.1661644625
451000	473657672.5	78657672.55	56838.92071	0.9473153451	0.1660643902
452000	473600833.6	78600833.63	56832.10004	0.9472016673	0.1659643059
453000	473544001.5	78544001.53	56825.28018	0.9470880031	0.1658642096
454000	473487176.2	78487176.25	56818.46115	0.9469743525	0.1657641013
455000	473430357.8	78430357.79	56811.64293	0.9468607156	0.165663981
456000	473373546.1	78373546.14	56804.82554	0.9467470923	0.1655638486
457000	473316741.3	78316741.32	56798.00896	0.9466334826	0.1654637043
458000	473259943.3	78259943.31	56791.1932	0.9465198866	0.1653635479
459000	473203152.1	78203152.12	56784.37825	0.9464063042	0.1652633795
460000	473146367.7	78146367.74	56777.56413	0.9462927355	0.1651631991
461000	473089590.2	78089590.17	56770.75082	0.9461791803	0.1650630067
462000	473032819.4	78032819.42	56763.93833	0.9460656388	0.1649628022
463000	472976055.5	77976055.48	56757.12666	0.945952111	0.1648625857
464000	472919298.4	77919298.36	56750.3158	0.9458385967	0.1647623572
465000	472862548	77862548.04	56743.50577	0.9457250961	0.1646621166
466000	472805804.5	77805804.54	56736.69654	0.9456116091	0.1645618641
467000	472749067.8	77749067.84	56729.88814	0.9454981357	0.1644615995
468000	472692338	77692337.95	56723.08055	0.9453846759	0.1643613228
469000	472635614.9	77635614.87	56716.27378	0.9452712297	0.1642610341
470000	472578898.6	77578898.6	56709.46783	0.9451577972	0.1641607334
471000	472522189.1	77522189.13	56702.6627	0.9450443783	0.1640604207

472000	472465486.5	77465486.47	56695.85838	0.9449309729	0.1639600959
473000	472408790.6	77408790.61	56689.05487	0.9448175812	0.1638597591
474000	472352101.6	77352101.55	56682.25219	0.9447042031	0.1637594102
475000	472295419.3	77295419.3	56675.45032	0.9445908386	0.1636590493
476000	472238743.9	77238743.85	56668.64926	0.9444774877	0.1635586763
477000	472182075.2	77182075.2	56661.84902	0.9443641504	0.1634582913
478000	472125413.4	77125413.35	56655.0496	0.9442508267	0.1633578943
479000	472068758.3	77068758.3	56648.251	0.9441375166	0.1632574852
480000	472012110.1	77012110.05	56641.45321	0.9440242201	0.163157064
481000	471955468.6	76955468.6	56634.65623	0.9439109372	0.1630566308
482000	471898833.9	76898833.94	56627.86007	0.9437976679	0.1629561855
483000	471842206.1	76842206.08	56621.06473	0.9436844122	0.1628557282
484000	471785585	76785585.02	56614.2702	0.94357117	0.1627552589
485000	471728970.7	76728970.75	56607.47649	0.9434579415	0.1626547774
486000	471672363.3	76672363.27	56600.68359	0.9433447265	0.162554284
487000	471615762.6	76615762.59	56593.89151	0.9432315252	0.1624537784
488000	471559168.7	76559168.7	56587.10024	0.9431183374	0.1623532608
489000	471502581.6	76502581.6	56580.30979	0.9430051632	0.1622527311
490000	471446001.3	76446001.29	56573.52015	0.9428920026	0.1621521894
491000	471389427.8	76389427.77	56566.73133	0.9427788555	0.1620516356
492000	471332861	76332861.03	56559.94332	0.9426657221	0.1619510697
493000	471276301.1	76276301.09	56553.15613	0.9425526022	0.1618504918
494000	471219747.9	76219747.93	56546.36975	0.9424394959	0.1617499018
495000	471163201.6	76163201.56	56539.58419	0.9423264031	0.1616492997
496000	471106662	76106661.98	56532.79944	0.942213324	0.1615486855
497000	471050129.2	76050129.18	56526.0155	0.9421002584	0.1614480593
498000	470993603.2	75993603.17	56519.23238	0.9419872063	0.161347421
499000	470937083.9	75937083.93	56512.45007	0.9418741679	0.1612467706
500000	470880571.5	75880571.48	56505.66858	0.941761143	0.1611461081
501000	470824065.8	75824065.81	56498.8879	0.9416481316	0.1610454336
502000	470767566.9	75767566.93	56492.10803	0.9415351339	0.1609447469
503000	470711074.8	75711074.82	56485.32898	0.9414221496	0.1608440482
504000	470654589.5	75654589.49	56478.55074	0.941309179	0.1607433374
505000	470598110.9	75598110.94	56471.77331	0.9411962219	0.1606426145
506000	470541639.2	75541639.17	56464.9967	0.9410832783	0.1605418796
507000	470485174.2	75485174.17	56458.2209	0.9409703483	0.1604411325
508000	470428715.9	75428715.95	56451.44591	0.9408574319	0.1603403733
509000	470372264.5	75372264.5	56444.67174	0.940744529	0.1602396021
510000	470315819.8	75315819.83	56437.89838	0.9406316397	0.1601388188
511000	470259381.9	75259381.93	56431.12583	0.9405187639	0.1600380233
512000	470202950.8	75202950.81	56424.3541	0.9404059016	0.1599372158
513000	470146526.5	75146526.45	56417.58317	0.9402930529	0.1598363962
514000	470090108.9	75090108.87	56410.81306	0.9401802177	0.1597355644

515000	470033698.1	75033698.06	56404.04377	0.9400673961	0.1596347206
516000	469977294	74977294.01	56397.27528	0.939954588	0.1595338647
517000	469920896.7	74920896.74	56390.50761	0.9398417935	0.1594329966
518000	469864506.2	74864506.23	56383.74075	0.9397290125	0.1593321165
519000	469808122.5	74808122.49	56376.9747	0.939616245	0.1592312242
520000	469751745.5	74751745.51	56370.20946	0.939503491	0.1591303199
521000	469695375.3	74695375.3	56363.44504	0.9393907506	0.1590294034
522000	469639011.9	74639011.86	56356.68142	0.9392780237	0.1589284748
523000	469582655.2	74582655.18	56349.91862	0.9391653104	0.1588275341
524000	469526305.3	74526305.26	56343.15663	0.9390526105	0.1587265813
525000	469469962.1	74469962.1	56336.39545	0.9389399242	0.1586256164
526000	469413625.7	74413625.71	56329.63508	0.9388272514	0.1585246393
527000	469357296.1	74357296.07	56322.87553	0.9387145921	0.1584236502
528000	469300973.2	74300973.2	56316.11678	0.9386019464	0.1583226489
529000	469244657.1	74244657.08	56309.35885	0.9384893142	0.1582216355
530000	469188347.7	74188347.72	56302.60173	0.9383766954	0.1581206099
531000	469132045.1	74132045.12	56295.84541	0.9382640902	0.1580195723
532000	469075749.3	74075749.27	56289.08991	0.9381514985	0.1579185225
533000	469019460.2	74019460.18	56282.33522	0.9380389204	0.1578174606
534000	468963177.8	73963177.85	56275.58134	0.9379263557	0.1577163866
535000	468906902.3	73906902.27	56268.82827	0.9378138045	0.1576153004
536000	468850633.4	73850633.44	56262.07601	0.9377012669	0.1575142021
537000	468794371.4	73794371.36	56255.32456	0.9375887427	0.1574130917
538000	468738116	73738116.04	56248.57392	0.9374762321	0.1573119691
539000	468681867.5	73681867.46	56241.8241	0.9373637349	0.1572108344
540000	468625625.6	73625625.64	56235.07508	0.9372512513	0.1571096876
541000	468569390.6	73569390.57	56228.32687	0.9371387811	0.1570085286
542000	468513162.2	73513162.24	56221.57947	0.9370263245	0.1569073575
543000	468456940.7	73456940.66	56214.83288	0.9369138813	0.1568061742
544000	468400725.8	73400725.83	56208.0871	0.9368014517	0.1567049788
545000	468344517.7	73344517.74	56201.34213	0.9366890355	0.1566037713
546000	468288316.4	73288316.4	56194.59797	0.9365766328	0.1565025516
547000	468232121.8	73232121.8	56187.85462	0.9364642436	0.1564013198
548000	468175933.9	73175933.94	56181.11207	0.9363518679	0.1563000758
549000	468119752.8	73119752.83	56174.37034	0.9362395057	0.1561988196
550000	468063578.5	73063578.46	56167.62942	0.9361271569	0.1560975513
551000	468007410.8	73007410.83	56160.8893	0.9360148217	0.1559962709
552000	467951249.9	72951249.94	56154.14999	0.9359024999	0.1558949783
553000	467895095.8	72895095.79	56147.4115	0.9357901916	0.1557936735
554000	467838948.4	72838948.38	56140.67381	0.9356778968	0.1556923566
555000	467782807.7	72782807.71	56133.93692	0.9355656154	0.1555910275
556000	467726673.8	72726673.77	56127.20085	0.9354533475	0.1554896863
557000	467670546.6	72670546.57	56120.46559	0.9353410931	0.1553883329

558000	467614426.1	72614426.1	56113.73113	0.9352288522	0.1552869673
559000	467558312.4	72558312.37	56106.99748	0.9351166247	0.1551855896
560000	467502205.4	72502205.38	56100.26465	0.9350044108	0.1550841997
561000	467446105.1	72446105.11	56093.53261	0.9348922102	0.1549827976
562000	467390011.6	72390011.58	56086.80139	0.9347800232	0.1548813834
563000	467333924.8	72333924.78	56080.07097	0.9346678496	0.154779957
564000	467277844.7	72277844.71	56073.34136	0.9345556894	0.1546785184
565000	467221771.4	72221771.37	56066.61256	0.9344435427	0.1545770677
566000	467165704.8	72165704.75	56059.88457	0.9343314095	0.1544756047
567000	467109644.9	72109644.87	56053.15738	0.9342192897	0.1543741296
568000	467053591.7	72053591.71	56046.43101	0.9341071834	0.1542726423
569000	466997545.3	71997545.28	56039.70543	0.9339950906	0.1541711429
570000	466941505.6	71941505.57	56032.98067	0.9338830111	0.1540696312
571000	466885472.6	71885472.59	56026.25671	0.9337709452	0.1539681074
572000	466829446.3	71829446.34	56019.53356	0.9336588927	0.1538665714
573000	466773426.8	71773426.8	56012.81122	0.9335468536	0.1537650232
574000	466717414	71717413.99	56006.08968	0.933434828	0.1536634628
575000	466661407.9	71661407.9	55999.36895	0.9333228158	0.1535618902
576000	466605408.5	71605408.53	55992.64902	0.9332108171	0.1534603055
577000	466549415.9	71549415.88	55985.92991	0.9330988318	0.1533587085
578000	466493430	71493429.95	55979.21159	0.9329868599	0.1532570994
579000	466437450.7	71437450.74	55972.49409	0.9328749015	0.153155478
580000	466381478.2	71381478.25	55965.77739	0.9327629565	0.1530538445
581000	466325512.5	71325512.47	55959.0615	0.9326510249	0.1529521988
582000	466269553.4	71269553.41	55952.34641	0.9325391068	0.1528505408
583000	466213601.1	71213601.06	55945.63213	0.9324272021	0.1527488707
584000	466157655.4	71157655.43	55938.91865	0.9323153109	0.1526471884
585000	466101716.5	71101716.51	55932.20598	0.932203433	0.1525454938
586000	466045784.3	71045784.31	55925.49412	0.9320915686	0.1524437871
587000	465989858.8	70989858.81	55918.78306	0.9319797176	0.1523420681
588000	465933940	70933940.03	55912.0728	0.9318678801	0.152240337
589000	465878028	70878027.96	55905.36335	0.9317560559	0.1521385936
590000	465822122.6	70822122.59	55898.65471	0.9316442452	0.152036838
591000	465766223.9	70766223.94	55891.94687	0.9315324479	0.1519350702
592000	465710332	70710331.99	55885.23984	0.931420664	0.1518332902
593000	465654446.8	70654446.75	55878.53361	0.9313088935	0.151731498
594000	465598568.2	70598568.22	55871.82819	0.9311971364	0.1516296936
595000	465542696.4	70542696.39	55865.12357	0.9310853928	0.1515278769
596000	465486831.3	70486831.27	55858.41975	0.9309736625	0.151426048
597000	465430972.8	70430972.85	55851.71674	0.9308619457	0.1513242069
598000	465375121.1	70375121.13	55845.01454	0.9307502423	0.1512223536
599000	465319276.1	70319276.12	55838.31313	0.9306385522	0.1511204881
600000	465263437.8	70263437.8	55831.61254	0.9305268756	0.1510186103

601000	465207606.2	70207606.19	55824.91274	0.9304152124	0.1509167203
602000	465151781.3	70151781.28	55818.21375	0.9303035626	0.1508148181
603000	465095963.1	70095963.06	55811.51557	0.9301919261	0.1507129036
604000	465040151.5	70040151.55	55804.81819	0.9300803031	0.150610977
605000	464984346.7	69984346.73	55798.12161	0.9299686935	0.150509038
606000	464928548.6	69928548.61	55791.42583	0.9298570972	0.1504070869
607000	464872757.2	69872757.18	55784.73086	0.9297455144	0.1503051235
608000	464816972.5	69816972.45	55778.03669	0.9296339449	0.1502031479
609000	464761194.4	69761194.41	55771.34333	0.9295223888	0.15010116
610000	464705423.1	69705423.07	55764.65077	0.9294108461	0.1499991599
611000	464649658.4	69649658.42	55757.95901	0.9292993168	0.1498971476
612000	464593900.5	69593900.46	55751.26806	0.9291878009	0.149795123
613000	464538149.2	69538149.19	55744.5779	0.9290762984	0.1496930862
614000	464482404.6	69482404.62	55737.88855	0.9289648092	0.1495910371
615000	464426666.7	69426666.73	55731.20001	0.9288533335	0.1494889758
616000	464370935.5	69370935.53	55724.51226	0.9287418711	0.1493869022
617000	464315211	69315211.01	55717.82532	0.928630422	0.1492848164
618000	464259493.2	69259493.19	55711.13918	0.9285189864	0.1491827183
619000	464203782.1	69203782.05	55704.45385	0.9284075641	0.149080608
620000	464148077.6	69148077.6	55697.76931	0.9282961552	0.1489784854
621000	464092379.8	69092379.83	55691.08558	0.9281847597	0.1488763506
622000	464036688.7	69036688.74	55684.40265	0.9280733775	0.1487742035
623000	463981004.3	68981004.34	55677.72052	0.9279620087	0.1486720441
624000	463925326.6	68925326.62	55671.03919	0.9278506532	0.1485698725
625000	463869655.6	68869655.58	55664.35867	0.9277393112	0.1484676886
626000	463813991.2	68813991.22	55657.67895	0.9276279824	0.1483654925
627000	463758333.5	68758333.54	55651.00002	0.9275166671	0.1482632841
628000	463702682.5	68702682.54	55644.3219	0.9274053651	0.1481610634
629000	463647038.2	68647038.22	55637.64459	0.9272940764	0.1480588304
630000	463591400.6	68591400.57	55630.96807	0.9271828011	0.1479565852
631000	463535769.6	68535769.61	55624.29235	0.9270715392	0.1478543278
632000	463480145.3	68480145.31	55617.61744	0.9269602906	0.147752058
633000	463424527.7	68424527.7	55610.94332	0.9268490554	0.147649776
634000	463368916.8	68368916.75	55604.27001	0.9267378335	0.1475474817
635000	463313312.5	68313312.48	55597.5975	0.926626625	0.1474451751
636000	463257714.9	68257714.89	55590.92579	0.9265154298	0.1473428562
637000	463202124	68202123.96	55584.25488	0.9264042479	0.1472405251
638000	463146539.7	68146539.71	55577.58476	0.9262930794	0.1471381817
639000	463090962.1	68090962.12	55570.91545	0.9261819242	0.147035826
640000	463035391.2	68035391.21	55564.24694	0.9260707824	0.146933458
641000	462979827	67979826.96	55557.57924	0.9259596539	0.1468310777
642000	462924269.4	67924269.38	55550.91233	0.9258485388	0.1467286852
643000	462868718.5	67868718.47	55544.24622	0.9257374369	0.1466262803

644000	462813174.2	67813174.22	55537.58091	0.9256263484	0.1465238632
645000	462757636.6	67757636.64	55530.9164	0.9255152733	0.1464214338
646000	462702105.7	67702105.72	55524.25269	0.9254042114	0.146318992
647000	462646581.5	67646581.47	55517.58978	0.9252931629	0.146216538
648000	462591063.9	67591063.88	55510.92767	0.9251821278	0.1461140717
649000	462535553	67535552.95	55504.26635	0.9250711059	0.1460115931
650000	462480048.7	67480048.69	55497.60584	0.9249600974	0.1459091022
651000	462424551.1	67424551.08	55490.94613	0.9248491022	0.145806599
652000	462369060.1	67369060.13	55484.28722	0.9247381203	0.1457040835
653000	462313575.8	67313575.85	55477.6291	0.9246271517	0.1456015557
654000	462258098.2	67258098.22	55470.97179	0.9245161964	0.1454990155
655000	462202627.2	67202627.25	55464.31527	0.9244052545	0.1453964631
656000	462147162.9	67147162.93	55457.65955	0.9242943259	0.1452938984
657000	462091705.3	67091705.27	55451.00463	0.9241834105	0.1451913213
658000	462036254.3	67036254.27	55444.35051	0.9240725085	0.145088732
659000	461980809.9	66980809.92	55437.69719	0.9239616198	0.1449861303
660000	461925372.2	66925372.22	55431.04467	0.9238507444	0.1448835164
661000	461869941.2	66869941.18	55424.39294	0.9237398824	0.1447808901
662000	461814516.8	66814516.78	55417.74201	0.9236290336	0.1446782514
663000	461759099	66759099.04	55411.09188	0.9235181981	0.1445756005
664000	461703687.9	66703687.95	55404.44255	0.9234073759	0.1444729373
665000	461648283.5	66648283.51	55397.79402	0.923296567	0.1443702617
666000	461592885.7	66592885.71	55391.14629	0.9231857714	0.1442675738
667000	461537494.6	66537494.57	55384.49935	0.9230749891	0.1441648736
668000	461482110.1	66482110.07	55377.85321	0.9229642201	0.1440621611
669000	461426732.2	66426732.21	55371.20787	0.9228534644	0.1439594362
670000	461371361	66371361	55364.56332	0.922742722	0.143856699
671000	461315996.4	66315996.44	55357.91957	0.9226319929	0.1437539495
672000	461260638.5	66260638.52	55351.27662	0.922521277	0.1436511876
673000	461205287.2	66205287.25	55344.63447	0.9224105745	0.1435484134
674000	461149942.6	66149942.61	55337.99311	0.9222998852	0.1434456269
675000	461094604.6	66094604.62	55331.35255	0.9221892092	0.143342828
676000	461039273.3	66039273.27	55324.71279	0.9220785465	0.1432400168
677000	460983948.6	65983948.55	55318.07383	0.9219678971	0.1431371933
678000	460928630.5	65928630.48	55311.43566	0.921857261	0.1430343574
679000	460873319	65873319.04	55304.79829	0.9217466381	0.1429315092
680000	460818014.2	65818014.24	55298.16171	0.9216360285	0.1428286486
681000	460762716.1	65762716.08	55291.52593	0.9215254322	0.1427257757
682000	460707424.6	65707424.56	55284.89095	0.9214148491	0.1426228905
683000	460652139.7	65652139.67	55278.25676	0.9213042793	0.1425199929
684000	460596861.4	65596861.41	55271.62337	0.9211937228	0.1424170829
685000	460541589.8	65541589.79	55264.99077	0.9210831796	0.1423141606
686000	460486324.8	65486324.8	55258.35898	0.9209726496	0.142211226

687000	460431066.4	65431066.44	55251.72797	0.9208621329	0.142108279
688000	460375814.7	65375814.71	55245.09776	0.9207516294	0.1420053196
689000	460320569.6	65320569.61	55238.46835	0.9206411392	0.1419023479
690000	460265331.1	65265331.14	55231.83974	0.9205306623	0.1417993638
691000	460210099.3	65210099.3	55225.21192	0.9204201986	0.1416963674
692000	460154874.1	65154874.09	55218.58489	0.9203097482	0.1415933586
693000	460099655.5	65099655.51	55211.95866	0.920199311	0.1414903374
694000	460044443.5	65044443.55	55205.33323	0.9200888871	0.1413873039
695000	459989238.2	64989238.21	55198.70859	0.9199784764	0.141284258
696000	459934039.5	64934039.51	55192.08474	0.919868079	0.1411811998
697000	459878847.4	64878847.42	55185.46169	0.9197576948	0.1410781291
698000	459823662	64823661.96	55178.83944	0.9196473239	0.1409750461
699000	459768483.1	64768483.12	55172.21797	0.9195369662	0.1408719508
700000	459713310.9	64713310.9	55165.59731	0.9194266218	0.140768843
701000	459658145.3	64658145.3	55158.97744	0.9193162906	0.1406657229
702000	459602986.3	64602986.33	55152.35836	0.9192059727	0.1405625904
703000	459547834	64547833.97	55145.74008	0.9190956679	0.1404594456
704000	459492688.2	64492688.23	55139.12259	0.9189853765	0.1403562883
705000	459437549.1	64437549.11	55132.50589	0.9188750982	0.1402531187
706000	459382416.6	64382416.6	55125.88999	0.9187648332	0.1401499367
707000	459327290.7	64327290.71	55119.27489	0.9186545814	0.1400467423
708000	459272171.4	64272171.43	55112.66057	0.9185443429	0.1399435355
709000	459217058.8	64217058.77	55106.04705	0.9184341175	0.1398403164
710000	459161952.7	64161952.73	55099.43433	0.9183239055	0.1397370848
711000	459106853.3	64106853.29	55092.8224	0.9182137066	0.1396338409
712000	459051760.5	64051760.47	55086.21126	0.9181035209	0.1395305845
713000	458996674.3	63996674.26	55079.60091	0.9179933485	0.1394273158
714000	458941594.7	63941594.66	55072.99136	0.9178831893	0.1393240347
715000	458886521.7	63886521.67	55066.3826	0.9177730433	0.1392207412
716000	458831455.3	63831455.28	55059.77463	0.9176629106	0.1391174353
717000	458776395.5	63776395.51	55053.16746	0.917552791	0.139014117
718000	458721342.3	63721342.34	55046.56108	0.9174426847	0.1389107863
719000	458666295.8	63666295.78	55039.95549	0.9173325916	0.1388074432
720000	458611255.8	63611255.83	55033.3507	0.9172225117	0.1387040877
721000	458556222.5	63556222.47	55026.7467	0.9171124449	0.1386007197
722000	458501195.7	63501195.73	55020.14349	0.9170023915	0.1384973394
723000	458446175.6	63446175.58	55013.54107	0.9168923512	0.1383939467
724000	458391162	63391162.04	55006.93945	0.9167823241	0.1382905416
725000	458336155.1	63336155.1	55000.33861	0.9166723102	0.138187124
726000	458281154.8	63281154.77	54993.73857	0.9165623095	0.1380836941
727000	458226161	63226161.03	54987.13932	0.9164523221	0.1379802517
728000	458171173.9	63171173.89	54980.54087	0.9163423478	0.1378767969
729000	458116193.3	63116193.35	54973.9432	0.9162323867	0.1377733297

730000	458061219.4	63061219.4	54967.34633	0.9161224388	0.1376698501
731000	458006252.1	63006252.06	54960.75025	0.9160125041	0.137566358
732000	457951291.3	62951291.31	54954.15496	0.9159025826	0.1374628536
733000	457896337.2	62896337.15	54947.56046	0.9157926743	0.1373593367
734000	457841389.6	62841389.59	54940.96675	0.9156827792	0.1372558074
735000	457786448.6	62786448.62	54934.37383	0.9155728972	0.1371522657
736000	457731514.3	62731514.25	54927.78171	0.9154630285	0.1370487115
737000	457676586.5	62676586.47	54921.19038	0.9153531729	0.1369451449
738000	457621665.3	62621665.28	54914.59983	0.9152433306	0.1368415659
739000	457566750.7	62566750.68	54908.01008	0.9151335014	0.1367379745
740000	457511842.7	62511842.67	54901.42112	0.9150236853	0.1366343706
741000	457456941.2	62456941.25	54894.83295	0.9149138825	0.1365307543
742000	457402046.4	62402046.41	54888.24557	0.9148040928	0.1364271256
743000	457347158.2	62347158.17	54881.65898	0.9146943163	0.1363234844
744000	457292276.5	62292276.51	54875.07318	0.914584553	0.1362198308
745000	457237401.4	62237401.44	54868.48817	0.9144748029	0.1361161647
746000	457182532.9	62182532.95	54861.90395	0.9143650659	0.1360124862
747000	457127671	62127671.05	54855.32053	0.9142553421	0.1359087952
748000	457072815.7	62072815.72	54848.73789	0.9141456314	0.1358050919
749000	457017967	62017966.99	54842.15604	0.914035934	0.135701376
750000	456963124.8	61963124.83	54835.57498	0.9139262497	0.1355976477
751000	456908289.3	61908289.26	54828.99471	0.9138165785	0.135493907
752000	456853460.3	61853460.26	54822.41523	0.9137069205	0.1353901538
753000	456798637.8	61798637.85	54815.83654	0.9135972757	0.1352863882
754000	456743822	61743822.01	54809.25864	0.913487644	0.1351826101
755000	456689012.8	61689012.75	54802.68153	0.9133780255	0.1350788196
756000	456634210.1	61634210.07	54796.10521	0.9132684201	0.1349750166
757000	456579414	61579413.96	54789.52968	0.9131588279	0.1348712011
758000	456524624.4	61524624.43	54782.95493	0.9130492489	0.1347673732
759000	456469841.5	61469841.48	54776.38098	0.912939683	0.1346635328
760000	456415065.1	61415065.1	54769.80781	0.9128301302	0.13455968
761000	456360295.3	61360295.29	54763.23543	0.9127205906	0.1344558147
762000	456305532.1	61305532.05	54756.66385	0.9126110641	0.1343519369
763000	456250775.4	61250775.39	54750.09305	0.9125015508	0.1342480467
764000	456196025.3	61196025.3	54743.52304	0.9123920506	0.134144144
765000	456141281.8	61141281.78	54736.95381	0.9122825636	0.1340402288
766000	456086544.8	61086544.82	54730.38538	0.9121730896	0.1339363012
767000	456031814.4	61031814.44	54723.81773	0.9120636289	0.133832361
768000	455977090.6	60977090.62	54717.25087	0.9119541812	0.1337284085
769000	455922373.4	60922373.37	54710.6848	0.9118447467	0.1336244434
770000	455867662.7	60867662.68	54704.11952	0.9117353254	0.1335204658
771000	455812958.6	60812958.56	54697.55503	0.9116259171	0.1334164758
772000	455758261	60758261.01	54690.99132	0.911516522	0.1333124733

773000	455703570	60703570.02	54684.4284	0.91140714	0.1332084583
774000	455648885.6	60648885.59	54677.86627	0.9112977712	0.1331044309
775000	455594207.7	60594207.72	54671.30493	0.9111884154	0.1330003909
776000	455539536.4	60539536.42	54664.74437	0.9110790728	0.1328963385
777000	455484871.7	60484871.67	54658.1846	0.9109697433	0.1327922735
778000	455430213.5	60430213.49	54651.62562	0.910860427	0.1326881961
779000	455375561.9	60375561.86	54645.06742	0.9107511237	0.1325841062
780000	455320916.8	60320916.79	54638.51002	0.9106418336	0.1324800038
781000	455266278.3	60266278.28	54631.95339	0.9105325566	0.1323758889
782000	455211646.3	60211646.33	54625.39756	0.9104232927	0.1322717615
783000	455157020.9	60157020.93	54618.84251	0.9103140419	0.1321676216
784000	455102402.1	60102402.09	54612.28825	0.9102048042	0.1320634693
785000	455047789.8	60047789.8	54605.73478	0.9100955796	0.1319593044
786000	454993184.1	59993184.07	54599.18209	0.9099863681	0.131855127
787000	454938584.9	59938584.89	54592.63019	0.9098771698	0.1317509371
788000	454883992.3	59883992.26	54586.07907	0.9097679845	0.1316467347
789000	454829406.2	59829406.18	54579.52874	0.9096588124	0.1315425198
790000	454774826.6	59774826.65	54572.9792	0.9095496533	0.1314382924
791000	454720253.7	59720253.67	54566.43044	0.9094405073	0.1313340525
792000	454665687.2	59665687.24	54559.88247	0.9093313745	0.1312298001
793000	454611127.4	59611127.36	54553.33528	0.9092222547	0.1311255351
794000	454556574	59556574.02	54546.78888	0.909113148	0.1310212577
795000	454502027.2	59502027.23	54540.24327	0.9090040545	0.1309169677
796000	454447487	59447486.99	54533.69844	0.908894974	0.1308126652
797000	454392953.3	59392953.29	54527.15439	0.9087859066	0.1307083503
798000	454338426.1	59338426.14	54520.61114	0.9086768523	0.1306040227
799000	454283905.5	59283905.52	54514.06866	0.908567811	0.1304996827
800000	454229391.5	59229391.46	54507.52697	0.9084587829	0.1303953301
801000	454174883.9	59174883.93	54500.98607	0.9083497679	0.1302909651
802000	454120382.9	59120382.94	54494.44595	0.9082407659	0.1301865874
803000	454065888.5	59065888.5	54487.90662	0.908131777	0.1300821973
804000	454011400.6	59011400.59	54481.36807	0.9080228012	0.1299777946
805000	453956919.2	58956919.22	54474.83031	0.9079138384	0.1298733794
806000	453902444.4	58902444.39	54468.29333	0.9078048888	0.1297689517
807000	453847976.1	58847976.1	54461.75713	0.9076959522	0.1296645115
808000	453793514.3	58793514.34	54455.22172	0.9075870287	0.1295600587
809000	453739059.1	58739059.12	54448.68709	0.9074781182	0.1294555933
810000	453684610.4	58684610.43	54442.15325	0.9073692209	0.1293511155
811000	453630168.3	58630168.28	54435.62019	0.9072603366	0.1292466251
812000	453575732.7	58575732.66	54429.08792	0.9071514653	0.1291421221
813000	453521303.6	58521303.57	54422.55643	0.9070426071	0.1290376066
814000	453466881	58466881.02	54416.02572	0.906933762	0.1289330786
815000	453412465	58412464.99	54409.4958	0.90682493	0.128828538

816000	453358055.5	58358055.49	54402.96666	0.906716111	0.1287239849
817000	453303652.5	58303652.53	54396.4383	0.9066073051	0.1286194192
818000	453249256.1	58249256.09	54389.91073	0.9064985122	0.128514841
819000	453194866.2	58194866.18	54383.38394	0.9063897324	0.1284102502
820000	453140482.8	58140482.79	54376.85794	0.9062809656	0.1283056469
821000	453086105.9	58086105.94	54370.33271	0.9061722119	0.1282010311
822000	453031735.6	58031735.6	54363.80827	0.9060634712	0.1280964026
823000	452977371.8	57977371.8	54357.28462	0.9059547436	0.1279917616
824000	452923014.5	57923014.51	54350.76174	0.905846029	0.1278871081
825000	452868663.7	57868663.75	54344.23965	0.9057373275	0.127782442
826000	452814319.5	57814319.51	54337.71834	0.905628639	0.1276777633
827000	452759981.8	57759981.79	54331.19781	0.9055199636	0.1275730721
828000	452705650.6	57705650.59	54324.67807	0.9054113012	0.1274683683
829000	452651325.9	57651325.91	54318.15911	0.9053026518	0.1273636519
830000	452597007.8	57597007.76	54311.64093	0.9051940155	0.127258923
831000	452542696.1	57542696.11	54305.12353	0.9050853922	0.1271541815
832000	452488391	57488390.99	54298.60692	0.904976782	0.1270494274
833000	452434092.4	57434092.38	54292.09109	0.9048681848	0.1269446608
834000	452379800.3	57379800.29	54285.57604	0.9047596006	0.1268398816
835000	452325514.7	57325514.72	54279.06177	0.9046510294	0.1267350898
836000	452271235.7	57271235.66	54272.54828	0.9045424713	0.1266302854
837000	452216963.1	57216963.11	54266.03557	0.9044339262	0.1265254685
838000	452162697.1	57162697.07	54259.52365	0.9043253941	0.1264206389
839000	452108437.5	57108437.55	54253.01251	0.9042168751	0.1263157968
840000	452054184.5	57054184.54	54246.50214	0.9041083691	0.1262109422
841000	451999938	56999938.03	54239.99256	0.9039998761	0.1261060749
842000	451945698	56945698.04	54233.48376	0.9038913961	0.126001195
843000	451891464.6	56891464.56	54226.97575	0.9037829291	0.1258963026
844000	451837237.6	56837237.58	54220.46851	0.9036744752	0.1257913976
845000	451783017.1	56783017.11	54213.96205	0.9035660342	0.1256864799
846000	451728803.2	56728803.15	54207.45638	0.9034576063	0.1255815497
847000	451674595.7	56674595.69	54200.95148	0.9033491914	0.1254766069
848000	451620394.7	56620394.74	54194.44737	0.9032407895	0.1253716515
849000	451566200.3	56566200.3	54187.94404	0.9031324006	0.1252666835
850000	451512012.4	56512012.35	54181.44148	0.9030240247	0.1251617029
851000	451457830.9	56457830.91	54174.93971	0.9029156618	0.1250567097
852000	451403656	56403655.97	54168.43872	0.9028073119	0.1249517039
853000	451349487.5	56349487.53	54161.9385	0.9026989751	0.1248466855
854000	451295325.6	56295325.59	54155.43907	0.9025906512	0.1247416545
855000	451241170.2	56241170.15	54148.94042	0.9024823403	0.1246366109
856000	451187021.2	56187021.21	54142.44255	0.9023740424	0.1245315547
857000	451132878.8	56132878.77	54135.94545	0.9022657575	0.1244264859
858000	451078742.8	56078742.83	54129.44914	0.9021574857	0.1243214044

859000	451024613.4	56024613.38	54122.95361	0.9020492268	0.1242163104
860000	450970490.4	55970490.42	54116.45885	0.9019409808	0.1241112038
861000	450916374	55916373.96	54109.96488	0.9018327479	0.1240060845
862000	450862264	55862264	54103.47168	0.901724528	0.1239009526
863000	450808160.5	55808160.53	54096.97926	0.9016163211	0.1237958081
864000	450754063.5	55754063.55	54090.48763	0.9015081271	0.123690651
865000	450699973.1	55699973.06	54083.99677	0.9013999461	0.1235854812
866000	450645889.1	55645889.06	54077.50669	0.9012917781	0.1234802989
867000	450591811.6	55591811.56	54071.01739	0.9011836231	0.1233751039
868000	450537740.5	55537740.54	54064.52886	0.9010754811	0.1232698963
869000	450483676	55483676.01	54058.04112	0.900967352	0.123164676
870000	450429618	55429617.97	54051.55416	0.9008592359	0.1230594432
871000	450375566.4	55375566.42	54045.06797	0.9007511328	0.1229541977
872000	450321521.3	55321521.35	54038.58256	0.9006430427	0.1228489395
873000	450267482.8	55267482.76	54032.09793	0.9005349655	0.1227436688
874000	450213450.7	55213450.67	54025.61408	0.9004269013	0.1226383854
875000	450159425.1	55159425.05	54019.13101	0.9003188501	0.1225330894
876000	450105405.9	55105405.92	54012.64871	0.9002108118	0.1224277807
877000	450051393.3	55051393.27	54006.16719	0.9001027865	0.1223224594
878000	449997387.1	54997387.11	53999.68645	0.8999947742	0.1222171254
879000	449943387.4	54943387.42	53993.20649	0.8998867748	0.1221117788
880000	449889394.2	54889394.21	53986.72731	0.8997787884	0.1220064196
881000	449835407.5	54835407.49	53980.2489	0.899670815	0.1219010477
882000	449781427.2	54781427.24	53973.77127	0.8995628545	0.1217956632
883000	449727453.5	54727453.47	53967.29442	0.8994549069	0.1216902661
884000	449673486.2	54673486.17	53960.81834	0.8993469723	0.1215848562
885000	449619525.4	54619525.35	53954.34304	0.8992390507	0.1214794338
886000	449565571	54565571.01	53947.86852	0.899131142	0.1213739987
887000	449511623.1	54511623.14	53941.39478	0.8990232463	0.1212685509
888000	449457681.7	54457681.75	53934.92181	0.8989153635	0.1211630904
889000	449403746.8	54403746.82	53928.44962	0.8988074936	0.1210576174
890000	449349818.4	54349818.38	53921.97821	0.8986996368	0.1209521316
891000	449295896.4	54295896.4	53915.50757	0.8985917928	0.1208466332
892000	449241980.9	54241980.89	53909.03771	0.8984839618	0.1207411221
893000	449188071.9	54188071.85	53902.56862	0.8983761437	0.1206355984
894000	449134169.3	54134169.28	53896.10031	0.8982683386	0.120530062
895000	449080273.2	54080273.18	53889.63278	0.8981605464	0.120424513
896000	449026383.5	54026383.55	53883.16603	0.8980527671	0.1203189512
897000	448972500.4	53972500.38	53876.70005	0.8979450008	0.1202133768
898000	448918623.7	53918623.68	53870.23484	0.8978372474	0.1201077898
899000	448864753.4	53864753.45	53863.77041	0.8977295069	0.12000219
900000	448810889.7	53810889.68	53857.30676	0.8976217794	0.1198965776
901000	448757032.4	53757032.37	53850.84388	0.8975140647	0.1197909526

902000	448703181.5	53703181.53	53844.38178	0.8974063631	0.1196853148
903000	448649337.1	53649337.15	53837.92046	0.8972986743	0.1195796643
904000	448595499.2	53595499.23	53831.45991	0.8971909985	0.1194740012
905000	448541667.8	53541667.77	53825.00013	0.8970833355	0.1193683254
906000	448487842.8	53487842.77	53818.54113	0.8969756855	0.1192626369
907000	448434024.2	53434024.22	53812.08291	0.8968680484	0.1191569358
908000	448380212.1	53380212.14	53805.62546	0.8967604243	0.1190512219
909000	448326406.5	53326406.52	53799.16878	0.896652813	0.1189454954
910000	448272607.3	53272607.35	53792.71288	0.8965452147	0.1188397562
911000	448218814.6	53218814.63	53786.25776	0.8964376293	0.1187340042
912000	448165028.4	53165028.38	53779.80341	0.8963300568	0.1186282396
913000	448111248.6	53111248.57	53773.34983	0.8962224971	0.1185224623
914000	448057475.2	53057475.22	53766.89703	0.8961149504	0.1184166723
915000	448003708.3	53003708.33	53760.445	0.8960074167	0.1183108696
916000	447949947.9	52949947.88	53753.99375	0.8958998958	0.1182050542
917000	447896193.9	52896193.89	53747.54327	0.8957923878	0.1180992261
918000	447842446.3	52842446.34	53741.09356	0.8956848927	0.1179933853
919000	447788705.3	52788705.25	53734.64463	0.8955774105	0.1178875318
920000	447734970.6	52734970.61	53728.19647	0.8954699412	0.1177816656
921000	447681242.4	52681242.41	53721.74909	0.8953624848	0.1176757867
922000	447627520.7	52627520.66	53715.30248	0.8952550413	0.1175698951
923000	447573805.4	52573805.36	53708.85664	0.8951476107	0.1174639908
924000	447520096.5	52520096.5	53702.41158	0.895040193	0.1173580738
925000	447466394.1	52466394.09	53695.96729	0.8949327882	0.117252144
926000	447412698.1	52412698.12	53689.52377	0.8948253962	0.1171462016
927000	447359008.6	52359008.6	53683.08103	0.8947180172	0.1170402464
928000	447305325.5	52305325.52	53676.63906	0.894610651	0.1169342785
929000	447251648.9	52251648.88	53670.19787	0.8945032978	0.1168282979
930000	447197978.7	52197978.68	53663.75744	0.8943959574	0.1167223046
931000	447144314.9	52144314.92	53657.31779	0.8942886298	0.1166162985
932000	447090657.6	52090657.61	53650.87891	0.8941813152	0.1165102798
933000	447037006.7	52037006.73	53644.44081	0.8940740135	0.1164042483
934000	446983362.3	51983362.29	53638.00347	0.8939667246	0.1162982041
935000	446929724.3	51929724.28	53631.56691	0.8938594486	0.1161921471
936000	446876092.7	51876092.72	53625.13113	0.8937521854	0.1160860775
937000	446822467.6	51822467.58	53618.69611	0.8936449352	0.1159799951
938000	446768848.9	51768848.89	53612.26187	0.8935376978	0.1158738999
939000	446715236.6	51715236.63	53605.8284	0.8934304733	0.1157677921
940000	446661630.8	51661630.8	53599.3957	0.8933232616	0.1156616715
941000	446608031.4	51608031.4	53592.96377	0.8932160628	0.1155555381
942000	446554438.4	51554438.44	53586.53261	0.8931088769	0.1154493921
943000	446500851.9	51500851.91	53580.10223	0.8930017038	0.1153432332
944000	446447271.8	51447271.8	53573.67262	0.8928945436	0.1152370617

945000	446393698.1	51393698.13	53567.24378	0.8927873963	0.1151308774
946000	446340130.9	51340130.89	53560.81571	0.8926802618	0.1150246804
947000	446286570.1	51286570.07	53554.38841	0.8925731401	0.1149184706
948000	446233015.7	51233015.68	53547.96188	0.8924660314	0.114812248
949000	446179467.7	51179467.72	53541.53613	0.8923589354	0.1147060128
950000	446125926.2	51125926.19	53535.11114	0.8922518524	0.1145997647
951000	446072391.1	51072391.07	53528.68693	0.8921447821	0.114493504
952000	446018862.4	51018862.39	53522.26349	0.8920377248	0.1143872304
953000	445965340.1	50965340.12	53515.84081	0.8919306802	0.1142809441
954000	445911824.3	50911824.28	53509.41891	0.8918236486	0.1141746451
955000	445858314.9	50858314.86	53502.99778	0.8917166297	0.1140683333
956000	445804811.9	50804811.87	53496.57742	0.8916096237	0.1139620087
957000	445751315.3	50751315.29	53490.15783	0.8915026306	0.1138556714
958000	445697825.1	50697825.13	53483.73902	0.8913956503	0.1137493213
959000	445644341.4	50644341.39	53477.32097	0.8912886828	0.1136429585
960000	445590864.1	50590864.07	53470.90369	0.8911817281	0.1135365829
961000	445537393.2	50537393.17	53464.48718	0.8910747863	0.1134301945
962000	445483928.7	50483928.68	53458.07144	0.8909678574	0.1133237934
963000	445430470.6	50430470.61	53451.65647	0.8908609412	0.1132173794
964000	445377019	50377018.95	53445.24227	0.8907540379	0.1131109528
965000	445323573.7	50323573.71	53438.82885	0.8906471474	0.1130045133
966000	445270134.9	50270134.88	53432.41619	0.8905402698	0.1128980611
967000	445216702.5	50216702.46	53426.0043	0.8904334049	0.1127915961
968000	445163276.5	50163276.46	53419.59318	0.8903265529	0.1126851183
969000	445109856.9	50109856.87	53413.18282	0.8902197137	0.1125786277
970000	445056443.7	50056443.68	53406.77324	0.8901128874	0.1124721244
971000	445003036.9	50003036.91	53400.36443	0.8900060738	0.1123656082
972000	444949636.5	49949636.55	53393.95639	0.8898992731	0.1122590793
973000	444896242.6	49896242.59	53387.54911	0.8897924852	0.1121525376
974000	444842855	49842855.04	53381.1426	0.8896857101	0.1120459832
975000	444789473.9	49789473.9	53374.73687	0.8895789478	0.1119394159
976000	444736099.2	49736099.16	53368.3319	0.8894721983	0.1118328358
977000	444682730.8	49682730.83	53361.9277	0.8893654617	0.111726243
978000	444629368.9	49629368.9	53355.52427	0.8892587378	0.1116196373
979000	444576013.4	49576013.38	53349.12161	0.8891520268	0.1115130189
980000	444522664.3	49522664.26	53342.71971	0.8890453285	0.1114063877
981000	444469321.5	49469321.54	53336.31858	0.8889386431	0.1112997436
982000	444415985.2	49415985.22	53329.91823	0.8888319704	0.1111930868
983000	444362655.3	49362655.3	53323.51864	0.8887253106	0.1110864172
984000	444309331.8	49309331.78	53317.11981	0.8886186636	0.1109797347
985000	444256014.7	49256014.66	53310.72176	0.8885120293	0.1108730395
986000	444202703.9	49202703.94	53304.32447	0.8884054079	0.1107663315
987000	444149399.6	49149399.62	53297.92795	0.8882987992	0.1106596106

988000	444096101.7	49096101.69	53291.5322	0.8881922034	0.110552877
989000	444042810.2	49042810.16	53285.13722	0.8880856203	0.1104461305
990000	443989525	48989525.02	53278.743	0.88797905	0.1103393712
991000	443936246.3	48936246.27	53272.34955	0.8878724925	0.1102325991
992000	443882973.9	48882973.93	53265.95687	0.8877659479	0.1101258142
993000	443829708	48829707.97	53259.56496	0.8876594159	0.1100190165
994000	443776448.4	48776448.4	53253.17381	0.8875528968	0.109912206
995000	443723195.2	48723195.23	53246.78343	0.8874463905	0.1098053826
996000	443669948.4	48669948.45	53240.39381	0.8873398969	0.1096985464
997000	443616708.1	48616708.05	53234.00497	0.8872334161	0.1095916974
998000	443563474	48563474.05	53227.61689	0.8871269481	0.1094848356
999000	443510246.4	48510246.43	53221.22957	0.8870204929	0.109377961
1000000	443457025.2	48457025.2	53214.84302	0.8869140504	0.1092710735
1001000	443403810.4	48403810.36	53208.45724	0.8868076207	0.1091641732
1002000	443350601.9	48350601.9	53202.07223	0.8867012038	0.1090572601
1003000	443297399.8	48297399.83	53195.68798	0.8865947997	0.1089503341
1004000	443244204.1	48244204.14	53189.3045	0.8864884083	0.1088433953
1005000	443191014.8	48191014.84	53182.92178	0.8863820297	0.1087364437
1006000	443137831.9	48137831.91	53176.53983	0.8862756638	0.1086294792
1007000	443084655.4	48084655.37	53170.15864	0.8861693107	0.1085225019
1008000	443031485.2	48031485.22	53163.77823	0.8860629704	0.1084155118
1009000	442978321.4	47978321.44	53157.39857	0.8859566429	0.1083085088
1010000	442925164	47925164.04	53151.01968	0.8858503281	0.108201493
1011000	442872013	47872013.02	53144.64156	0.885744026	0.1080944643
1012000	442818868.4	47818868.38	53138.26421	0.8856377368	0.1079874228
1013000	442765730.1	47765730.11	53131.88761	0.8855314602	0.1078803685
1014000	442712598.2	47712598.23	53125.51179	0.8854251965	0.1077733013
1015000	442659472.7	47659472.71	53119.13673	0.8853189454	0.1076662212
1016000	442606353.6	47606353.58	53112.76243	0.8852127072	0.1075591283
1017000	442553240.8	47553240.82	53106.3889	0.8851064816	0.1074520226
1018000	442500134.4	47500134.43	53100.01613	0.8850002689	0.1073449039
1019000	442447034.4	47447034.41	53093.64413	0.8848940688	0.1072377725
1020000	442393940.8	47393940.77	53087.27289	0.8847878815	0.1071306282
1021000	442340853.5	47340853.49	53080.90242	0.884681707	0.107023471
1022000	442287772.6	47287772.59	53074.53271	0.8845755452	0.1069163009
1023000	442234698.1	47234698.06	53068.16377	0.8844693961	0.106809118
1024000	442181629.9	47181629.89	53061.79559	0.8843632598	0.1067019223
1025000	442128568.1	47128568.1	53055.42817	0.8842571362	0.1065947136
1026000	442075512.7	47075512.67	53049.06152	0.8841510253	0.1064874921
1027000	442022463.6	47022463.61	53042.69563	0.8840449272	0.1063802577
1028000	441969420.9	46969420.91	53036.33051	0.8839388418	0.1062730105
1029000	441916384.6	46916384.58	53029.96615	0.8838327692	0.1061657504
1030000	441863354.6	46863354.62	53023.60255	0.8837267092	0.1060584774

1031000	441810331	46810331.01	53017.23972	0.883620662	0.1059511916
1032000	441757313.8	46757313.77	53010.87765	0.8835146275	0.1058438928
1033000	441704302.9	46704302.9	53004.51635	0.8834086058	0.1057365812
1034000	441651298.4	46651298.38	52998.15581	0.8833025968	0.1056292567
1035000	441598300.2	46598300.22	52991.79603	0.8831966004	0.1055219194
1036000	441545308.4	46545308.43	52985.43701	0.8830906169	0.1054145691
1037000	441492323	46492322.99	52979.07876	0.882984646	0.105307206
1038000	441439343.9	46439343.91	52972.72127	0.8828786878	0.1051998299
1039000	441386371.2	46386371.19	52966.36454	0.8827727424	0.105092441
1040000	441333404.8	46333404.83	52960.00858	0.8826668097	0.1049850392
1041000	441280444.8	46280444.82	52953.65338	0.8825608896	0.1048776246
1042000	441227491.2	46227491.16	52947.29894	0.8824549823	0.104770197
1043000	441174543.9	46174543.87	52940.94526	0.8823490877	0.1046627565
1044000	441121602.9	46121602.92	52934.59235	0.8822432058	0.1045553032
1045000	441068668.3	46068668.33	52928.2402	0.8821373367	0.1044478369
1046000	441015740.1	46015740.09	52921.88881	0.8820314802	0.1043403577
1047000	440962818.2	45962818.2	52915.53818	0.8819256364	0.1042328657
1048000	440909902.7	45909902.66	52909.18832	0.8818198053	0.1041253607
1049000	440856993.5	45856993.47	52902.83922	0.8817139869	0.1040178429
1050000	440804090.6	45804090.63	52896.49088	0.8816081813	0.1039103121
1051000	440751194.1	45751194.14	52890.1433	0.8815023883	0.1038027684
1052000	440698304	45698304	52883.79648	0.881396608	0.1036952119
1053000	440645420.2	45645420.2	52877.45042	0.8812908404	0.1035876424
1054000	440592542.8	45592542.75	52871.10513	0.8811850855	0.10348006
1055000	440539671.6	45539671.65	52864.7606	0.8810793433	0.1033724647
1056000	440486806.9	45486806.89	52858.41683	0.8809736138	0.1032648565
1057000	440433948.5	45433948.47	52852.07382	0.8808678969	0.1031572353
1058000	440381096.4	45381096.4	52845.73157	0.8807621928	0.1030496013
1059000	440328250.7	45328250.66	52839.39008	0.8806565013	0.1029419543
1060000	440275411.3	45275411.27	52833.04935	0.8805508225	0.1028342944
1061000	440222578.2	45222578.23	52826.70939	0.8804451565	0.1027266216
1062000	440169751.5	45169751.52	52820.37018	0.880339503	0.1026189359
1063000	440116931.1	45116931.15	52814.03174	0.8802338623	0.1025112372
1064000	440064117.1	45064117.11	52807.69405	0.8801282342	0.1024035257
1065000	440011309.4	45011309.42	52801.35713	0.8800226188	0.1022958012
1066000	439958508.1	44958508.06	52795.02097	0.8799170161	0.1021880637
1067000	439905713	44905713.04	52788.68556	0.8798114261	0.1020803134
1068000	439852924.4	44852924.36	52782.35092	0.8797058487	0.1019725501
1069000	439800142	44800142.01	52776.01704	0.879600284	0.1018647739
1070000	439747366	44747365.99	52769.68392	0.879494732	0.1017569847
1071000	439694596.3	44694596.3	52763.35156	0.8793891926	0.1016491826
1072000	439641833	44641832.95	52757.01995	0.8792836659	0.1015413676
1073000	439589075.9	44589075.93	52750.68911	0.8791781519	0.1014335396

1074000	439536325.2	44536325.24	52744.35903	0.8790726505	0.1013256987
1075000	439483580.9	44483580.88	52738.02971	0.8789671618	0.1012178448
1076000	439430842.9	44430842.85	52731.70114	0.8788616857	0.101109978
1077000	439378111.2	44378111.15	52725.37334	0.8787562223	0.1010020983
1078000	439325385.8	44325385.78	52719.04629	0.8786507716	0.1008942056
1079000	439272666.7	44272666.73	52712.72001	0.8785453335	0.1007862999
1080000	439219954	44219954.01	52706.39448	0.878439908	0.1006783813
1081000	439167247.6	44167247.62	52700.06971	0.8783344952	0.1005704498
1082000	439114547.5	44114547.55	52693.74571	0.8782290951	0.1004625053
1083000	439061853.8	44061853.8	52687.42246	0.8781237076	0.1003545478
1084000	439009166.4	44009166.38	52681.09997	0.8780183328	0.1002465774
1085000	438956485.3	43956485.28	52674.77823	0.8779129706	0.100138594
1086000	438903810.5	43903810.5	52668.45726	0.877807621	0.1000305977
1087000	438851142	43851142.05	52662.13705	0.8777022841	0.09992258842
1088000	438798479.9	43798479.91	52655.81759	0.8775969598	0.09981456617
1089000	438745824.1	43745824.09	52649.49889	0.8774916482	0.09970653096
1090000	438693174.6	43693174.59	52643.18095	0.8773863492	0.09959848277
1091000	438640531.4	43640531.41	52636.86377	0.8772810628	0.09949042162
1092000	438587894.5	43587894.55	52630.54735	0.8771757891	0.09938234751
1093000	438535264	43535264	52624.23168	0.877070528	0.09927426042
1094000	438482639.8	43482639.77	52617.91677	0.8769652795	0.09916616036
1095000	438430021.9	43430021.85	52611.60262	0.8768600437	0.09905804732
1096000	438377410.2	43377410.25	52605.28923	0.8767548205	0.09894992131
1097000	438324805	43324804.96	52598.9766	0.8766496099	0.09884178233
1098000	438272206	43272205.98	52592.66472	0.876544412	0.09873363036
1099000	438219613.3	43219613.32	52586.3536	0.8764392266	0.09862546542
1100000	438167027	43167026.97	52580.04324	0.8763340539	0.09851728749
1101000	438114446.9	43114446.92	52573.73363	0.8762288938	0.09840909658
1102000	438061873.2	43061873.19	52567.42478	0.8761237464	0.09830089269
1103000	438009305.8	43009305.76	52561.11669	0.8760186115	0.09819267581
1104000	437956744.6	42956744.65	52554.80936	0.8759134893	0.09808444595
1105000	437904189.8	42904189.84	52548.50278	0.8758083797	0.09797620309
1106000	437851641.3	42851641.33	52542.19696	0.8757032827	0.09786794724
1107000	437799099.1	42799099.14	52535.8919	0.8755981983	0.09775967841
1108000	437746563.2	42746563.25	52529.58759	0.8754931265	0.09765139657
1109000	437694033.7	42694033.66	52523.28404	0.8753880673	0.09754310175
1110000	437641510.4	42641510.37	52516.98124	0.8752830207	0.09743479392
1111000	437588993.4	42588993.39	52510.67921	0.8751779868	0.0973264731
1112000	437536482.7	42536482.71	52504.37793	0.8750729654	0.09721813927
1113000	437483978.3	42483978.34	52498.0774	0.8749679567	0.09710979245
1114000	437431480.3	42431480.26	52491.77763	0.8748629605	0.09700143262
1115000	437378988.5	42378988.48	52485.47862	0.874757977	0.09689305979
1116000	437326503	42326503	52479.18036	0.874653006	0.09678467395

1117000	437274023.8	42274023.82	52472.88286	0.8745480476	0.0966762751
1118000	437221550.9	42221550.94	52466.58611	0.8744431019	0.09656786325
1119000	437169084.4	42169084.35	52460.29012	0.8743381687	0.09645943838
1120000	437116624.1	42116624.06	52453.99489	0.8742332481	0.0963510005
1121000	437064170.1	42064170.07	52447.70041	0.8741283401	0.0962425496
1122000	437011722.4	42011722.37	52441.40668	0.8740234447	0.09613408569
1123000	436959281	41959280.96	52435.11372	0.8739185619	0.09602560877
1124000	436906845.8	41906845.85	52428.8215	0.8738136917	0.09591711882
1125000	436854417	41854417.03	52422.53004	0.8737088341	0.09580861586
1126000	436801994.5	41801994.5	52416.23934	0.873603989	0.09570009987
1127000	436749578.3	41749578.26	52409.94939	0.8734991565	0.09559157086
1128000	436697168.3	41697168.31	52403.6602	0.8733943366	0.09548302882
1129000	436644764.6	41644764.65	52397.37176	0.8732895293	0.09537447376
1130000	436592367.3	41592367.28	52391.08407	0.8731847346	0.09526590567
1131000	436539976.2	41539976.19	52384.79714	0.8730799524	0.09515732454
1132000	436487591.4	41487591.39	52378.51097	0.8729751828	0.09504873039
1133000	436435212.9	41435212.88	52372.22555	0.8728704258	0.09494012321
1134000	436382840.7	41382840.66	52365.94088	0.8727656813	0.09483150299
1135000	436330474.7	41330474.72	52359.65697	0.8726609494	0.09472286973
1136000	436278115.1	41278115.06	52353.37381	0.8725562301	0.09461422344
1137000	436225761.7	41225761.69	52347.0914	0.8724515234	0.09450556411
1138000	436173414.6	41173414.59	52340.80975	0.8723468292	0.09439689173
1139000	436121073.8	41121073.78	52334.52885	0.8722421476	0.09428820632
1140000	436068739.3	41068739.26	52328.24871	0.8721374785	0.09417950786
1141000	436016411	41016411.01	52321.96932	0.872032822	0.09407079635
1142000	435964089	40964089.04	52315.69068	0.8719281781	0.0939620718
1143000	435911773.3	40911773.35	52309.4128	0.8718235467	0.0938533342
1144000	435859463.9	40859463.93	52303.13567	0.8717189279	0.09374458355
1145000	435807160.8	40807160.8	52296.8593	0.8716143216	0.09363581985
1146000	435754863.9	40754863.94	52290.58367	0.8715097279	0.0935270431
1147000	435702573.4	40702573.36	52284.3088	0.8714051467	0.09341825329
1148000	435650289	40650289.05	52278.03469	0.8713005781	0.09330945042
1149000	435598011	40598011.01	52271.76132	0.871196022	0.0932006345
1150000	435545739.3	40545739.25	52265.48871	0.8710914785	0.09309180551
1151000	435493473.8	40493473.76	52259.21685	0.8709869475	0.09298296347
1152000	435441214.5	40441214.55	52252.94575	0.8708824291	0.09287410836
1153000	435388961.6	40388961.6	52246.67539	0.8707779232	0.09276524019
1154000	435336714.9	40336714.92	52240.40579	0.8706734298	0.09265635895
1155000	435284474.5	40284474.52	52234.13694	0.870568949	0.09254746465
1156000	435232240.4	40232240.38	52227.86885	0.8704644808	0.09243855728
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1158000	435127790.9	40127790.91	52215.33491	0.8702555818	0.09222070332
1159000	435075575.6	40075575.58	52209.06907	0.8701511512	0.09211175673

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1162000	434918967.2	39918967.16	52190.27606	0.8698379343	0.0917848385
1163000	434866776.9	39866776.89	52184.01323	0.8697335538	0.0916758396
1164000	434814592.9	39814592.87	52177.75114	0.8696291857	0.09156682762
1165000	434762415.1	39762415.12	52171.48981	0.8695248302	0.09145780256
1166000	434710243.6	39710243.63	52165.22924	0.8694204873	0.09134876441
1167000	434658078.4	39658078.4	52158.96941	0.8693161568	0.09123971318
1168000	434605919.4	39605919.43	52152.71033	0.8692118389	0.09113064886
1169000	434553766.7	39553766.72	52146.45201	0.8691075334	0.09102157144
1170000	434501620.3	39501620.27	52140.19443	0.8690032405	0.09091248094
1171000	434449480.1	39449480.08	52133.93761	0.8688989602	0.09080337735
1172000	434397346.1	39397346.14	52127.68154	0.8687946923	0.09069426066
1173000	434345218.5	39345218.46	52121.42622	0.8686904369	0.09058513087
1174000	434293097	39293097.03	52115.17164	0.8685861941	0.09047598799
1175000	434240981.9	39240981.86	52108.91782	0.8684819637	0.09036683201
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1177000	434136770.3	39136770.28	52096.41243	0.8682735406	0.09014848075
1178000	434084673.9	39084673.87	52090.16086	0.8681693477	0.09003928546
1179000	434032583.7	39032583.7	52083.91004	0.8680651674	0.08993007707
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1181000	433928422.1	38928422.13	52071.41066	0.8678568443	0.08971162097
1182000	433876350.7	38876350.72	52065.16209	0.8677527014	0.08960237326
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1184000	433772226.6	38772226.65	52052.6672	0.8675444533	0.08938383849
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1186000	433668127.6	38668127.56	52040.17531	0.8673362551	0.08916525127
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1188000	433564053.5	38564053.45	52027.68641	0.8671281069	0.08894661157
1189000	433512025.8	38512025.77	52021.44309	0.8670240515	0.08883727204
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1192000	433355980.2	38355980.17	52002.71762	0.8667119603	0.08850917472
1193000	433303977.4	38303977.45	51996.47729	0.8666079549	0.0883997827
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1195000	433199990.7	38199990.73	51983.99889	0.8663999815	0.08818095926
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1201000	432888180.3	37888180.3	51946.58164	0.8657763606	0.08752417372
1202000	432836233.7	37836233.71	51940.34805	0.8656724674	0.08741466348

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1206000	432628509.7	37628509.72	51915.42117	0.8652570194	0.08697649108
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1209000	432472782.1	37472782.14	51896.73386	0.8649455643	0.08664772371
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1216000	432109635.8	37109635.76	51853.15629	0.8642192715	0.08588013941
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1218000	432005935.7	37005935.67	51840.71228	0.8640118713	0.08566071114
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1224000	431694984.7	36694984.69	51803.39816	0.8633899694	0.08500211027
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1239000	430918586.1	35918586.1	51710.23033	0.8618371722	0.08335353188
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1245000	430608417.8	35608417.78	51673.01013	0.8612168356	0.08269326914

1246000	430556744.8	35556744.77	51666.80937	0.8611134895	0.08258317912
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1248000	430453417.4	35453417.36	51654.41008	0.8609068347	0.08236295944
1249000	430401762.9	35401762.95	51648.21155	0.8608035259	0.08225282978
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1251000	430298472.7	35298472.72	51635.81673	0.8605969454	0.08203253081
1252000	430246836.9	35246836.9	51629.62043	0.8604936738	0.08192236149
1253000	430195207.3	35195207.28	51623.42487	0.8603904146	0.08181217895
1254000	430143583.9	35143583.86	51617.23006	0.8602871677	0.08170198319
1255000	430091966.6	35091966.63	51611.036	0.8601839333	0.0815917742
1256000	430040355.6	35040355.59	51604.84267	0.8600807112	0.08148155199
1257000	429988750.7	34988750.75	51598.65009	0.8599775015	0.08137131655
1258000	429937152.1	34937152.1	51592.45825	0.8598743042	0.08126106788
1259000	429885559.6	34885559.64	51586.26716	0.8597711193	0.08115080597
1260000	429833973.4	34833973.37	51580.0768	0.8596679467	0.08104053084
1261000	429782393.3	34782393.3	51573.8872	0.8595647866	0.08093024247
1262000	429730819.4	34730819.41	51567.69833	0.8594616388	0.08081994086
1263000	429679251.7	34679251.71	51561.51021	0.8593585034	0.08070962601
1264000	429627690.2	34627690.2	51555.32282	0.8592553804	0.08059929793
1265000	429576134.9	34576134.88	51549.13619	0.8591522698	0.0804889566
1266000	429524585.7	34524585.74	51542.95029	0.8590491715	0.08037860204
1267000	429473042.8	34473042.79	51536.76514	0.8589460856	0.08026823423
1268000	429421506	34421506.03	51530.58072	0.8588430121	0.08015785317
1269000	429369975.4	34369975.45	51524.39705	0.8587399509	0.08004745886
1270000	429318451	34318451.05	51518.21413	0.8586369021	0.07993705131
1271000	429266932.8	34266932.84	51512.03194	0.8585338657	0.0798266305
1272000	429215420.8	34215420.8	51505.8505	0.8584308416	0.07971619645
1273000	429163915	34163914.95	51499.66979	0.8583278299	0.07960574914
1274000	429112415.3	34112415.28	51493.48983	0.8582248306	0.07949528857
1275000	429060921.8	34060921.79	51487.31062	0.8581218436	0.07938481475
1276000	429009434.5	34009434.48	51481.13214	0.858018869	0.07927432767
1277000	428957953.4	33957953.35	51474.9544	0.8579159067	0.07916382733
1278000	428906478.4	33906478.4	51468.77741	0.8578129568	0.07905331373
1279000	428855009.6	33855009.62	51462.60115	0.8577100192	0.07894278686
1280000	428803547	33803547.02	51456.42564	0.857607094	0.07883224673
1281000	428752090.6	33752090.59	51450.25087	0.8575041812	0.07872169333
1282000	428700640.3	33700640.34	51444.07684	0.8574012807	0.07861112667
1283000	428649196.3	33649196.26	51437.90355	0.8572983925	0.07850054673
1284000	428597758.4	33597758.36	51431.731	0.8571955167	0.07838995353
1285000	428546326.6	33546326.63	51425.5592	0.8570926533	0.07827934705
1286000	428494901.1	33494901.07	51419.38813	0.8569898021	0.0781687273
1287000	428443481.7	33443481.68	51413.2178	0.8568869634	0.07805809427
1288000	428392068.5	33392068.46	51407.04822	0.8567841369	0.07794744796

1289000	428340661.4	33340661.42	51400.87937	0.8566813228	0.07783678838
1290000	428289260.5	33289260.54	51394.71126	0.8565785211	0.07772611551
1291000	428237865.8	33237865.83	51388.5439	0.8564757317	0.07761542936
1292000	428186477.3	33186477.28	51382.37727	0.8563729546	0.07750472993
1293000	428135094.9	33135094.9	51376.21139	0.8562701898	0.07739401721
1294000	428083718.7	33083718.69	51370.04624	0.8561674374	0.07728329121
1295000	428032348.6	33032348.65	51363.88184	0.8560646973	0.07717255191
1296000	427980984.8	32980984.76	51357.71817	0.8559619695	0.07706179933
1297000	427929627	32929627.05	51351.55525	0.8558592541	0.07695103345
1298000	427878275.5	32878275.49	51345.39306	0.855756551	0.07684025428
1299000	427826930.1	32826930.1	51339.23161	0.8556538602	0.07672946182
1300000	427775590.9	32775590.87	51333.0709	0.8555511817	0.07661865606
1301000	427724257.8	32724257.8	51326.91094	0.8554485156	0.076507837
1302000	427672930.9	32672930.89	51320.75171	0.8553458618	0.07639700464
1303000	427621610.1	32621610.13	51314.59322	0.8552432203	0.07628615898
1304000	427570295.5	32570295.54	51308.43546	0.8551405911	0.07617530001
1305000	427518987.1	32518987.1	51302.27845	0.8550379742	0.07606442775
1306000	427467684.8	32467684.83	51296.12218	0.8549353697	0.07595354217
1307000	427416388.7	32416388.7	51289.96664	0.8548327774	0.07584264329
1308000	427365098.7	32365098.74	51283.81185	0.8547301975	0.0757317311
1309000	427313814.9	32313814.93	51277.65779	0.8546276299	0.07562080559
1310000	427262537.3	32262537.27	51271.50447	0.8545250745	0.07550986678
1311000	427211265.8	32211265.76	51265.35189	0.8544225315	0.07539891465
1312000	427160000.4	32160000.41	51259.20005	0.8543200008	0.0752879492
1313000	427108741.2	32108741.21	51253.04895	0.8542174824	0.07517697044
1314000	427057488.2	32057488.16	51246.89858	0.8541149763	0.07506597835
1315000	427006241.3	32006241.26	51240.74895	0.8540124825	0.07495497295
1316000	426955000.5	31955000.51	51234.60006	0.853910001	0.07484395423
1317000	426903765.9	31903765.91	51228.45191	0.8538075318	0.07473292218
1318000	426852537.5	31852537.46	51222.3045	0.8537050749	0.0746218768
1319000	426801315.2	31801315.16	51216.15782	0.8536026303	0.0745108181
1320000	426750099	31750099	51210.01188	0.853500198	0.07439974607
1321000	426698889	31698888.99	51203.86668	0.853397778	0.07428866071
1322000	426647685.1	31647685.12	51197.72221	0.8532953702	0.07417756202
1323000	426596487.4	31596487.4	51191.57849	0.8531929748	0.07406644999
1324000	426545295.8	31545295.82	51185.4355	0.8530905916	0.07395532463
1325000	426494110.4	31494110.39	51179.29325	0.8529882208	0.07384418593
1326000	426442931.1	31442931.09	51173.15173	0.8528858622	0.07373330339
1327000	426391757.9	31391757.94	51167.01095	0.8527835159	0.07362186852
1328000	426340590.9	31340590.93	51160.87091	0.8526811819	0.0735106898
1329000	426289430.1	31289430.06	51154.73161	0.8525788601	0.07339949774
1330000	426238275.3	31238275.33	51148.59304	0.8524765507	0.07328829234
1331000	426187126.7	31187126.73	51142.45521	0.8523742535	0.07317707359

1332000	426135984.3	31135984.28	51136.31811	0.8522719686	0.07306584149
1333000	426084848	31084847.96	51130.18176	0.8521696959	0.07295459604
1334000	426033717.8	31033717.78	51124.04613	0.8520674356	0.07284333724
1335000	425982593.7	30982593.73	51117.91125	0.8519651875	0.07273206509
1336000	425931475.8	30931475.82	51111.7771	0.8518629516	0.07262077958
1337000	425880364	30880364.04	51105.64369	0.8517607281	0.07250948072
1338000	425829258.4	30829258.4	51099.51101	0.8516585168	0.0723981685
1339000	425778158.9	30778158.89	51093.37907	0.8515563178	0.07228684292
1340000	425727065.5	30727065.51	51087.24786	0.851454131	0.07217550398
1341000	425675978.3	30675978.26	51081.11739	0.8513519565	0.07206415168
1342000	425624897.1	30624897.15	51074.98766	0.8512497943	0.07195278601
1343000	425573822.2	30573822.16	51068.85866	0.8511476443	0.07184140698
1344000	425522753.3	30522753.3	51062.7304	0.8510455066	0.07173001458
1345000	425471690.6	30471690.57	51056.60287	0.8509433811	0.07161860882
1346000	425420634	30420633.97	51050.47608	0.8508412679	0.07150718968
1347000	425369583.5	30369583.49	51044.35002	0.850739167	0.07139575717
1348000	425318539.1	30318539.14	51038.2247	0.8506370783	0.07128431129
1349000	425267500.9	30267500.92	51032.10011	0.8505350018	0.07117285203
1350000	425216468.8	30216468.82	51025.97626	0.8504329376	0.07106137939
1351000	425165442.8	30165442.84	51019.85314	0.8503308857	0.07094989338
1352000	425114423	30114422.99	51013.73076	0.850228846	0.07083839399
1353000	425063409.3	30063409.26	51007.60911	0.8501268185	0.07072688121
1354000	425012401.6	30012401.65	51001.4882	0.8500248033	0.07061535506
1355000	424961400.2	29961400.16	50995.36802	0.8499228003	0.07050381552
1356000	424910404.8	29910404.79	50989.24857	0.8498208096	0.07039226259
1357000	424859415.5	29859415.54	50983.12986	0.8497188311	0.07028069627
1358000	424808432.4	29808432.41	50977.01189	0.8496168648	0.07016911656
1359000	424757455.4	29757455.4	50970.89465	0.8495149108	0.07005752347
1360000	424706484.5	29706484.5	50964.77814	0.849412969	0.06994591698
1361000	424655519.7	29655519.73	50958.66237	0.8493110395	0.06983429709
1362000	424604561.1	29604561.06	50952.54733	0.8492091221	0.06972266381
1363000	424553608.5	29553608.52	50946.43302	0.849107217	0.06961101713
1364000	424502662.1	29502662.08	50940.31945	0.8490053242	0.06949935706
1365000	424451721.8	29451721.76	50934.20661	0.8489034435	0.06938768358
1366000	424400787.6	29400787.56	50928.09451	0.8488015751	0.0692759967
1367000	424349859.5	29349859.46	50921.98314	0.8486997189	0.06916429641
1368000	424298937.5	29298937.48	50915.8725	0.848597875	0.06905258272
1369000	424248021.6	29248021.61	50909.76259	0.8484960432	0.06894085563
1370000	424197111.8	29197111.85	50903.65342	0.8483942237	0.06882911512
1371000	424146208.2	29146208.19	50897.54498	0.8482924164	0.0687173612
1372000	424095310.6	29095310.65	50891.43728	0.8481906213	0.06860559388
1373000	424044419.2	29044419.21	50885.33031	0.8480888384	0.06849381313
1374000	423993533.9	28993533.88	50879.22407	0.8479870678	0.06838201898

1375000	423942654.7	28942654.66	50873.11856	0.8478853093	0.0682702114
1376000	423891781.5	28891781.54	50867.01378	0.8477835631	0.06815839041
1377000	423840914.5	28840914.52	50860.90974	0.847681829	0.06804655599
1378000	423790053.6	28790053.61	50854.80643	0.8475801072	0.06793470816
1379000	423739198.8	28739198.81	50848.70386	0.8474783976	0.0678228469
1380000	423688350.1	28688350.1	50842.60201	0.8473767002	0.06771097222
1381000	423637507.5	28637507.5	50836.5009	0.847275015	0.06759908411
1382000	423586671	28586671	50830.40052	0.847173342	0.06748718257
1383000	423535840.6	28535840.6	50824.30087	0.8470716812	0.0673752676
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1385000	423434198.1	28434198.1	50812.10377	0.8468683962	0.06715139737
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1387000	423332580	28332579.99	50799.9096	0.84666516	0.0669274734
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1389000	423230986.3	28230986.26	50787.71835	0.8464619725	0.06670349568
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1391000	423129416.9	28129416.92	50775.53003	0.8462588338	0.06647946419
1392000	423078641.4	28078641.39	50769.43697	0.8461572828	0.06636742828
1393000	423027872	28027871.95	50763.34463	0.8460557439	0.06625537893
1394000	422977108.6	27977108.61	50757.25303	0.8459542172	0.06614331613
1395000	422926351.4	27926351.36	50751.16216	0.8458527027	0.06603123988
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1402000	422571221.1	27571221.09	50708.54653	0.8451424422	0.06524632941
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1404000	422469810.1	27469810.08	50696.37721	0.8449396202	0.06502194814
1405000	422419113.7	27419113.7	50690.29364	0.8448382274	0.06490973731
1406000	422368423.4	27368423.41	50684.21081	0.8447368468	0.06479751301
1407000	422317739.2	27317739.2	50678.1287	0.8446354784	0.06468527524
1408000	422267061.1	27267061.07	50672.04733	0.8445341221	0.064573024
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1411000	422115063.2	27115063.17	50653.80758	0.8442301263	0.06423618945
1412000	422064409.4	27064409.36	50647.72912	0.8441288187	0.06412388432
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1415000	421912484.4	26912484.41	50629.49813	0.8438249688	0.06378688804
1416000	421861854.9	26861854.91	50623.42259	0.8437237098	0.06367452899
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1419000	421710002.9	26710002.86	50605.20034	0.8434200057	0.0633373709
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1424000	421457037.6	26457037.58	50574.84451	0.8429140752	0.06277517095
1425000	421406462.7	26406462.74	50568.77553	0.8428129255	0.06266269047
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1427000	421305331.3	26305331.25	50556.63975	0.8426106625	0.06243768902
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1432000	421052608.7	26052608.72	50526.31305	0.8421052174	0.06187494906
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1434000	420951562.2	25951562.15	50514.18746	0.8419031243	0.06164975852
1435000	420901048	25901047.97	50508.12576	0.8418020959	0.06153714297
1436000	420850539.8	25850539.84	50502.06478	0.8417010797	0.06142451391
1437000	420800037.8	25800037.78	50496.00453	0.8416000756	0.06131187134
1438000	420749541.8	25749541.77	50489.94501	0.8414990835	0.06119921524
1439000	420699051.8	25699051.83	50483.88622	0.8413981037	0.06108654563
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1442000	420547618.3	25547618.34	50465.7142	0.8410952367	0.06074845565
1443000	420497152.6	25497152.63	50459.65832	0.8409943053	0.06063573194
1444000	420446693	25446692.97	50453.60316	0.8408933859	0.0605229947
1445000	420396239.4	25396239.37	50447.54872	0.8407924787	0.06041024392
1446000	420345791.8	25345791.82	50441.49502	0.8406915836	0.06029747962
1447000	420295350.3	25295350.32	50435.44204	0.8405907006	0.06018470179
1448000	420244914.9	25244914.88	50429.38979	0.8404898298	0.06007191042
1449000	420194485.5	25194485.49	50423.33826	0.840388971	0.05995910551
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1453000	419992828.4	24992828.44	50399.13941	0.8399856569	0.05950775048
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1455000	419892036.2	24892036.21	50387.04434	0.8397840724	0.05928199171
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1458000	419740893.2	24740893.21	50368.90719	0.8394817864	0.05894325193
1459000	419690524.3	24690524.31	50362.86292	0.8393810486	0.05883031157
1460000	419640161.4	24640161.44	50356.81937	0.8392803229	0.05871735765

1461000	419589804.6	24589804.62	50350.77655	0.8391796092	0.05860439018
1462000	419539453.8	24539453.85	50344.73446	0.8390789077	0.05849140914
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1464000	419438770.4	24438770.42	50332.65245	0.8388775408	0.0582654064
1465000	419388437.8	24388437.77	50326.61253	0.8387768755	0.05815238469
1466000	419338111.2	24338111.15	50320.57334	0.8386762223	0.05803934941
1467000	419287790.6	24287790.58	50314.53487	0.8385755812	0.05792630057
1468000	419237476	24237476.05	50308.49713	0.8384749521	0.05781323816
1469000	419187167.5	24187167.55	50302.46011	0.8383743351	0.05770016217
1470000	419136865.1	24136865.09	50296.42381	0.8382737302	0.05758707262
1471000	419086568.7	24086568.67	50290.38824	0.8381731373	0.0574739695
1472000	419036278.3	24036278.28	50284.35339	0.8380725566	0.0573608528
1473000	418985993.9	23985993.92	50278.31927	0.8379719878	0.05724772253
1474000	418935715.6	23935715.6	50272.28587	0.8378714312	0.05713457868
1475000	418885443.3	23885443.32	50266.2532	0.8377708866	0.05702142125
1476000	418835177.1	23835177.07	50260.22125	0.8376703541	0.05690825024
1477000	418784916.8	23784916.84	50254.19002	0.8375698337	0.05679506565
1478000	418734662.7	23734662.65	50248.15952	0.8374693253	0.05668186747
1479000	418684414.5	23684414.49	50242.12974	0.837368829	0.05656865571
1480000	418634172.4	23634172.36	50236.10068	0.8372683447	0.05645543036
1481000	418583936.3	23583936.26	50230.07235	0.8371678725	0.05634219142
1482000	418533706.2	23533706.19	50224.04474	0.8370674124	0.0562289389
1483000	418483482.1	23483482.15	50218.01786	0.8369669643	0.05611567278
1484000	418433264.1	23433264.13	50211.9917	0.8368665283	0.05600239306
1485000	418383052.1	23383052.14	50205.96626	0.8367661043	0.05588909976
1486000	418332846.2	23332846.17	50199.94154	0.8366656923	0.05577579285
1487000	418282646.2	23282646.23	50193.91755	0.8365652925	0.05566247235
1488000	418232452.3	23232452.31	50187.89428	0.8364649046	0.05554913825
1489000	418182264.4	23182264.42	50181.87173	0.8363645288	0.05543579054
1490000	418132082.5	23132082.55	50175.84991	0.8362641651	0.05532242923
1491000	418081906.7	23081906.7	50169.8288	0.8361638134	0.05520905432
1492000	418031736.9	23031736.87	50163.80842	0.8360634737	0.0550956658
1493000	417981573.1	22981573.06	50157.78877	0.8359631461	0.05498226367
1494000	417931415.3	22931415.27	50151.76983	0.8358628305	0.05486884793
1495000	417881263.5	22881263.5	50145.75162	0.835762527	0.05475541858
1496000	417831117.7	22831117.75	50139.73413	0.8356622355	0.05464197562
1497000	417780978	22780978.01	50133.71736	0.835561956	0.05452851904
1498000	417730844.3	22730844.3	50127.70132	0.8354616886	0.05441504885
1499000	417680716.6	22680716.6	50121.68599	0.8353614332	0.05430156503
1500000	417630594.9	22630594.91	50115.67139	0.8352611898	0.0541880676
1501000	417580479.2	22580479.24	50109.65751	0.8351609585	0.05407455655
1502000	417530369.6	22530369.58	50103.64435	0.8350607392	0.05396103187
1503000	417480265.9	22480265.94	50097.63191	0.8349605319	0.05384749357

1504000	417430168.3	22430168.3	50091.6202	0.8348603366	0.05373394165
1505000	417380076.7	22380076.68	50085.6092	0.8347601534	0.05362037609
1506000	417329991.1	22329991.08	50079.59893	0.8346599822	0.05350679691
1507000	417279911.5	22279911.48	50073.58938	0.834559823	0.05339320409
1508000	417229837.9	22229837.89	50067.58055	0.8344596758	0.05327959764
1509000	417179770.3	22179770.31	50061.57244	0.8343595406	0.05316597756
1510000	417129708.7	22129708.73	50055.56505	0.8342594175	0.05305234384
1511000	417079653.2	22079653.17	50049.55838	0.8341593063	0.05293869648
1512000	417029603.6	22029603.61	50043.55243	0.8340592072	0.05282503549
1513000	416979560.1	21979560.06	50037.54721	0.8339591201	0.05271136085
1514000	416929522.5	21929522.51	50031.5427	0.833859045	0.05259767257
1515000	416879491	21879490.97	50025.53892	0.8337589819	0.05248397065
1516000	416829465.4	21829465.43	50019.53585	0.8336589309	0.05237025508
1517000	416779445.9	21779445.89	50013.53351	0.8335588918	0.05225652586
1518000	416729432.4	21729432.36	50007.53188	0.8334588647	0.052142783
1519000	416679424.8	21679424.83	50001.53098	0.8333588497	0.05202902648
1520000	416629423.3	21629423.3	49995.5308	0.8332588466	0.05191525631
1521000	416579427.8	21579427.77	49989.53133	0.8331588555	0.05180147249
1522000	416529438.2	21529438.24	49983.53259	0.8330588765	0.05168767501
1523000	416479454.7	21479454.7	49977.53456	0.8329589094	0.05157386387
1524000	416429477.2	21429477.17	49971.53726	0.8328589543	0.05146003908
1525000	416379505.6	21379505.63	49965.54068	0.8327590113	0.05134620062
1526000	416329540.1	21329540.09	49959.54481	0.8326590802	0.0512323485
1527000	416279580.5	21279580.55	49953.54967	0.8325591611	0.05111848272
1528000	416229627	21229627	49947.55524	0.832459254	0.05100460327
1529000	416179679.4	21179679.44	49941.56153	0.8323593589	0.05089071016
1530000	416129737.9	21129737.88	49935.56855	0.8322594758	0.05077680338
1531000	416079802.3	21079802.31	49929.57628	0.8321596046	0.05066288292
1532000	416029872.7	21029872.73	49923.58473	0.8320597455	0.05054894879
1533000	415979949.1	20979949.15	49917.5939	0.8319598983	0.05043500099
1534000	415930031.6	20930031.56	49911.60379	0.8318600631	0.05032103952
1535000	415880120	20880119.95	49905.61439	0.8317602399	0.05020706437
1536000	415830214.3	20830214.34	49899.62572	0.8316604287	0.05009307554
1537000	415780314.7	20780314.71	49893.63777	0.8315606294	0.04997907303
1538000	415730421.1	20730421.07	49887.65053	0.8314608421	0.04986505683
1539000	415680533.4	20680533.42	49881.66401	0.8313610668	0.04975102696
1540000	415630651.8	20630651.76	49875.67821	0.8312613035	0.04963698339
1541000	415580776.1	20580776.08	49869.69313	0.8311615522	0.04952292614
1542000	415530906.4	20530906.39	49863.70877	0.8310618128	0.04940885521
1543000	415481042.7	20481042.68	49857.72512	0.8309620854	0.04929477058
1544000	415431185	20431184.95	49851.74219	0.8308623699	0.04918067226
1545000	415381333.2	20381333.21	49845.75999	0.8307626664	0.04906656025
1546000	415331487.5	20331487.45	49839.77849	0.8306629749	0.04895243454

1547000	415281647.7	20281647.67	49833.79772	0.8305632953	0.04883829513
1548000	415231813.9	20231813.88	49827.81767	0.8304636278	0.04872414203
1549000	415181986.1	20181986.06	49821.83833	0.8303639721	0.04860997523
1550000	415132164.2	20132164.22	49815.85971	0.8302643284	0.04849579472
1551000	415082348.4	20082348.36	49809.8818	0.8301646967	0.04838160052
1552000	415032538.5	20032538.48	49803.90462	0.830065077	0.0482673926
1553000	414982734.6	19982734.57	49797.92815	0.8299654691	0.04815317098
1554000	414932936.6	19932936.65	49791.9524	0.8298658733	0.04803893566
1555000	414883144.7	19883144.69	49785.97736	0.8297662894	0.04792468662
1556000	414833358.7	19833358.72	49780.00305	0.8296667174	0.04781042387
1557000	414783578.7	19783578.71	49774.02945	0.8295671574	0.04769614741
1558000	414733804.7	19733804.68	49768.05656	0.8294676094	0.04758185723
1559000	414684036.6	19684036.63	49762.0844	0.8293680733	0.04746755334
1560000	414634274.5	19634274.54	49756.11295	0.8292685491	0.04735323572
1561000	414584518.4	19584518.43	49750.14221	0.8291690369	0.04723890439
1562000	414534768.3	19534768.29	49744.17219	0.8290695366	0.04712455934
1563000	414485024.1	19485024.11	49738.20289	0.8289700482	0.04701020056
1564000	414435285.9	19435285.91	49732.23431	0.8288705718	0.04689582806
1565000	414385553.7	19385553.68	49726.26644	0.8287711074	0.04678144184
1566000	414335827.4	19335827.41	49720.29929	0.8286716548	0.04666704188
1567000	414286107.1	19286107.11	49714.33285	0.8285722142	0.0465526282
1568000	414236392.8	19236392.78	49708.36713	0.8284727856	0.04643820078
1569000	414186684.4	19186684.41	49702.40213	0.8283733688	0.04632375963
1570000	414136982	19136982.01	49696.43784	0.828273964	0.04620930475
1571000	414087285.6	19087285.57	49690.47427	0.8281745711	0.04609483613
1572000	414037595.1	19037595.1	49684.51141	0.8280751902	0.04598035377
1573000	413987910.6	18987910.59	49678.54927	0.8279758212	0.04586585767
1574000	413938232	18938232.04	49672.58784	0.8278764641	0.04575134784
1575000	413888559.4	18888559.45	49666.62713	0.8277771189	0.04563682426
1576000	413838892.8	18838892.82	49660.66714	0.8276777856	0.04552228693
1577000	413789232.2	18789232.15	49654.70786	0.8275784643	0.04540773586
1578000	413739577.4	18739577.45	49648.74929	0.8274791549	0.04529317104
1579000	413689928.7	18689928.7	49642.79144	0.8273798574	0.04517859247
1580000	413640285.9	18640285.91	49636.83431	0.8272805718	0.04506400015
1581000	413590649.1	18590649.07	49630.87789	0.8271812981	0.04494939408
1582000	413541018.2	18541018.19	49624.92218	0.8270820364	0.04483477425
1583000	413491393.3	18491393.27	49618.96719	0.8269827865	0.04472014067
1584000	413441774.3	18441774.3	49613.01292	0.8268835486	0.04460549333
1585000	413392161.3	18392161.29	49607.05935	0.8267843226	0.04449083223
1586000	413342554.2	18342554.23	49601.10651	0.8266851085	0.04437615736
1587000	413292953.1	18292953.13	49595.15438	0.8265859063	0.04426146874
1588000	413243358	18243357.97	49589.20296	0.8264867159	0.04414676635
1589000	413193768.8	18193768.77	49583.25225	0.8263875375	0.0440320502

1590000	413144185.5	18144185.52	49577.30226	0.826288371	0.04391732028
1591000	413094608.2	18094608.21	49571.35299	0.8261892164	0.04380257659
1592000	413045036.9	18045036.86	49565.40442	0.8260900737	0.04368781913
1593000	412995471.5	17995471.46	49559.45657	0.8259909429	0.04357304789
1594000	412945912	17945912	49553.50944	0.825891824	0.04345826288
1595000	412896358.5	17896358.49	49547.56302	0.825792717	0.0433434641
1596000	412846810.9	17846810.93	49541.61731	0.8256936219	0.04322865154
1597000	412797269.3	17797269.31	49535.67232	0.8255945386	0.0431138252
1598000	412747733.6	17747733.64	49529.72804	0.8254954673	0.04299898507
1599000	412698203.9	17698203.91	49523.78447	0.8253964078	0.04288413117
1600000	412648680.1	17648680.13	49517.84162	0.8252973603	0.04276926348
1601000	412599162.3	17599162.28	49511.89947	0.8251983246	0.04265438201
1602000	412549650.4	17549650.38	49505.95805	0.8250993008	0.04253948675
1603000	412500144.4	17500144.43	49500.01733	0.8250002889	0.04242457769
1604000	412450644.4	17450644.41	49494.07733	0.8249012888	0.04230965485
1605000	412401150.3	17401150.33	49488.13804	0.8248023007	0.04219471822
1606000	412351662.2	17351662.19	49482.19946	0.8247033244	0.04207976779
1607000	412302180	17302179.99	49476.2616	0.82460436	0.04196480357
1608000	412252703.7	17252703.73	49470.32445	0.8245054075	0.04184982555
1609000	412203233.4	17203233.41	49464.38801	0.8244064668	0.04173483373
1610000	412153769	17153769.02	49458.45228	0.824307538	0.04161982811
1611000	412104310.6	17104310.57	49452.51727	0.8242086211	0.04150480868
1612000	412054858.1	17054858.05	49446.58297	0.8241097161	0.04138977546
1613000	412005411.5	17005411.47	49440.64938	0.8240108229	0.04127472842
1614000	411955970.8	16955970.82	49434.7165	0.8239119416	0.04115966758
1615000	411906536.1	16906536.1	49428.78433	0.8238130722	0.04104459294
1616000	411857107.3	16857107.32	49422.85288	0.8237142146	0.04092950448
1617000	411807684.5	16807684.46	49416.92214	0.8236153689	0.0408144022
1618000	411758267.5	16758267.54	49410.99211	0.8235165351	0.04069928612
1619000	411708856.6	16708856.55	49405.06279	0.8234177131	0.04058415622
1620000	411659451.5	16659451.49	49399.13418	0.823318903	0.0404690125
1621000	411610052.4	16610052.35	49393.20628	0.8232201047	0.04035385496
1622000	411560659.1	16560659.15	49387.2791	0.8231213183	0.0402386836
1623000	411511271.9	16511271.87	49381.35262	0.8230225437	0.04012349842
1624000	411461890.5	16461890.52	49375.42686	0.822923781	0.04000829942
1625000	411412515.1	16412515.09	49369.50181	0.8228250302	0.03989308659
1626000	411363145.6	16363145.59	49363.57747	0.8227262912	0.03977785993
1627000	411313782	16313782.01	49357.65384	0.822627564	0.03966261945
1628000	411264424.4	16264424.36	49351.73092	0.8225288487	0.03954736513
1629000	411215072.6	16215072.62	49345.80871	0.8224301452	0.03943209698
1630000	411165726.8	16165726.82	49339.88722	0.8223314536	0.039316815
1631000	411116386.9	16116386.93	49333.96643	0.8222327739	0.03920151918
1632000	411067053	16067052.96	49328.04636	0.8221341059	0.03908620953

1633000	411017724.9	16017724.92	49322.12699	0.8220354498	0.03897088603
1634000	410968402.8	15968402.79	49316.20833	0.8219368056	0.0388555487
1635000	410919086.6	15919086.58	49310.29039	0.8218381732	0.03874019752
1636000	410869776.3	15869776.29	49304.37315	0.8217395526	0.0386248325
1637000	410820471.9	15820471.92	49298.45663	0.8216409438	0.03850945364
1638000	410771173.5	15771173.46	49292.54082	0.8215423469	0.03839406092
1639000	410721880.9	15721880.92	49286.62571	0.8214437618	0.03827865436
1640000	410672594.3	15672594.29	49280.71132	0.8213451886	0.03816323395
1641000	410623313.6	15623313.58	49274.79763	0.8212466272	0.03804779969
1642000	410574038.8	15574038.78	49268.88465	0.8211480776	0.03793235157
1643000	410524769.9	15524769.9	49262.97239	0.8210495398	0.0378168896
1644000	410475506.9	15475506.93	49257.06083	0.8209510139	0.03770141377
1645000	410426249.9	15426249.87	49251.14998	0.8208524997	0.03758592408
1646000	410376998.7	15376998.72	49245.23985	0.8207539974	0.03747042053
1647000	410327753.5	15327753.48	49239.33042	0.820655507	0.03735490312
1648000	410278514.1	15278514.15	49233.4217	0.8205570283	0.03723937184
1649000	410229280.7	15229280.72	49227.51369	0.8204585614	0.0371238267
1650000	410180053.2	15180053.21	49221.60639	0.8203601064	0.03700826769
1651000	410130831.6	15130831.6	49215.69979	0.8202616632	0.03689269482
1652000	410081615.9	15081615.9	49209.79391	0.8201632318	0.03677710807
1653000	410032406.1	15032406.11	49203.88873	0.8200648122	0.03666150745
1654000	409983202.2	14983202.22	49197.98427	0.8199664044	0.03654589296
1655000	409934004.2	14934004.24	49192.08051	0.8198680085	0.03643026459
1656000	409884812.2	14884812.16	49186.17746	0.8197696243	0.03631462234
1657000	409835626	14835625.98	49180.27512	0.819671252	0.03619896622
1658000	409786445.7	14786445.7	49174.37348	0.8195728914	0.03608329621
1659000	409737271.3	14737271.33	49168.47256	0.8194745427	0.03596761233
1660000	409688102.9	14688102.86	49162.57234	0.8193762057	0.03585191456
1661000	409638940.3	14638940.29	49156.67283	0.8192778806	0.0357362029
1662000	409589783.6	14589783.61	49150.77403	0.8191795672	0.03562047736
1663000	409540632.8	14540632.84	49144.87594	0.8190812657	0.03550473793
1664000	409491488	14491487.96	49138.97856	0.8189829759	0.03538898461
1665000	409442349	14442348.99	49133.08188	0.818884698	0.03527321739
1666000	409393215.9	14393215.9	49127.18591	0.8187864318	0.03515743628
1667000	409344088.7	14344088.72	49121.29065	0.8186881774	0.03504164128
1668000	409294967.4	14294967.43	49115.39609	0.8185899349	0.03492583238
1669000	409245852	14245852.03	49109.50224	0.8184917041	0.03481000958
1670000	409196742.5	14196742.53	49103.6091	0.8183934851	0.03469417288
1671000	409147638.9	14147638.92	49097.71667	0.8182952778	0.03457832228
1672000	409098541.2	14098541.2	49091.82494	0.8181970824	0.03446245778
1673000	409049449.4	14049449.38	49085.93393	0.8180988988	0.03434657937
1674000	409000363.4	14000363.44	49080.04361	0.8180007269	0.03423068705
1675000	408951283.4	13951283.4	49074.15401	0.8179025668	0.03411478082

1676000	408902209.2	13902209.25	49068.26511	0.8178044185	0.03399886069
1677000	408853141	13853140.98	49062.37692	0.817706282	0.03388292664
1678000	408804078.6	13804078.6	49056.48943	0.8176081572	0.03376697867
1679000	408755022.1	13755022.11	49050.60265	0.8175100442	0.0336510168
1680000	408705971.5	13705971.51	49044.71658	0.817411943	0.033535041
1681000	408656926.8	13656926.8	49038.83122	0.8173138536	0.03341905129
1682000	408607888	13607887.96	49032.94656	0.8172157759	0.03330304765
1683000	408558855	13558855.02	49027.0626	0.81711771	0.0331870301
1684000	408509828	13509827.96	49021.17935	0.8170196559	0.03307099862
1685000	408460806.8	13460806.78	49015.29681	0.8169216136	0.03295495321
1686000	408411791.5	13411791.48	49009.41498	0.816823583	0.03283889388
1687000	408362782.1	13362782.06	49003.53385	0.8167255641	0.03272282062
1688000	408313778.5	13313778.53	48997.65342	0.8166275571	0.03260673342
1689000	408264780.9	13264780.88	48991.77371	0.8165295618	0.0324906323
1690000	408215789.1	13215789.1	48985.89469	0.8164315782	0.03237451724
1691000	408166803.2	13166803.21	48980.01638	0.8163336064	0.03225838825
1692000	408117823.2	13117823.19	48974.13878	0.8162356464	0.03214224532
1693000	408068849.1	13068849.05	48968.26189	0.8161376981	0.03202608845
1694000	408019880.8	13019880.79	48962.38569	0.8160397616	0.03190991764
1695000	407970918.4	12970918.41	48956.51021	0.8159418368	0.03179373289
1696000	407921961.9	12921961.9	48950.63543	0.8158439238	0.03167753419
1697000	407873011.3	12873011.26	48944.76135	0.8157460225	0.03156132155
1698000	407824066.5	12824066.5	48938.88798	0.815648133	0.03144509496
1699000	407775127.6	12775127.61	48933.01531	0.8155502552	0.03132885442
1700000	407726194.6	12726194.6	48927.14335	0.8154523892	0.03121259994
1701000	407677267.5	12677267.45	48921.27209	0.8153545349	0.0310963315
1702000	407628346.2	12628346.18	48915.40154	0.8152566924	0.0309800491
1703000	407579430.8	12579430.78	48909.53169	0.8151588616	0.03086375275
1704000	407530521.2	12530521.25	48903.66255	0.8150610425	0.03074744244
1705000	407481617.6	12481617.58	48897.79411	0.8149632352	0.03063111818
1706000	407432719.8	12432719.79	48891.92637	0.8148654396	0.03051477995
1707000	407383827.9	12383827.86	48886.05934	0.8147676557	0.03039842776
1708000	407334941.8	12334941.8	48880.19302	0.8146698836	0.03028206161
1709000	407286061.6	12286061.61	48874.32739	0.8145721232	0.03016568149
1710000	407237187.3	12237187.28	48868.46247	0.8144743746	0.03004928741
1711000	407188318.8	12188318.82	48862.59826	0.8143766376	0.02993287935
1712000	407139456.2	12139456.22	48856.73475	0.8142789124	0.02981645733
1713000	407090599.5	12090599.49	48850.87194	0.814181199	0.02970002133
1714000	407041748.6	12041748.62	48845.00983	0.8140834972	0.02958357136
1715000	406992903.6	11992903.61	48839.14843	0.8139858072	0.02946710741
1716000	406944064.5	11944064.46	48833.28773	0.8138881289	0.02935062949
1717000	406895231.2	11895231.17	48827.42774	0.8137904623	0.02923413758
1718000	406846403.7	11846403.74	48821.56845	0.8136928075	0.0291176317

1719000	406797582.2	11797582.17	48815.70986	0.8135951643	0.02900111183
1720000	406748766.5	11748766.46	48809.85198	0.8134975329	0.02888457798
1721000	406699956.6	11699956.61	48803.99479	0.8133999132	0.02876803015
1722000	406651152.6	11651152.62	48798.13831	0.8133023052	0.02865146832
1723000	406602354.5	11602354.48	48792.28254	0.813204709	0.02853489251
1724000	406553562.2	11553562.2	48786.42746	0.8131071244	0.02841830271
1725000	406504775.8	11504775.77	48780.57309	0.8130095515	0.02830169891
1726000	406455995.2	11455995.2	48774.71942	0.8129119904	0.02818508112
1727000	406407220.5	11407220.48	48768.86646	0.812814441	0.02806844933
1728000	406358451.6	11358451.61	48763.01419	0.8127169032	0.02795180355
1729000	406309688.6	11309688.6	48757.16263	0.8126193772	0.02783514377
1730000	406260931.4	11260931.43	48751.31177	0.8125218629	0.02771846998
1731000	406212180.1	11212180.12	48745.46161	0.8124243602	0.0276017822
1732000	406163434.7	11163434.66	48739.61216	0.8123268693	0.02748508041
1733000	406114695	11114695.05	48733.76341	0.8122293901	0.02736836461
1734000	406065961.3	11065961.28	48727.91535	0.8121319226	0.02725163481
1735000	406017233.4	11017233.37	48722.068	0.8120344667	0.02713489099
1736000	405968511.3	10968511.3	48716.22136	0.8119370226	0.02701813317
1737000	405919795.1	10919795.08	48710.37541	0.8118395902	0.02690136133
1738000	405871084.7	10871084.7	48704.53016	0.8117421694	0.02678457548
1739000	405822380.2	10822380.17	48698.68562	0.8116447603	0.02666777562
1740000	405773681.5	10773681.49	48692.84178	0.811547363	0.02655096173
1741000	405724988.6	10724988.65	48686.99864	0.8114499773	0.02643413383
1742000	405676301.6	10676301.65	48681.1562	0.8113526033	0.0263172919
1743000	405627620.5	10627620.49	48675.31446	0.811255241	0.02620043595
1744000	405578945.2	10578945.18	48669.47342	0.8111578904	0.02608356598
1745000	405530275.7	10530275.7	48663.63308	0.8110605514	0.02596668198
1746000	405481612.1	10481612.07	48657.79345	0.8109632241	0.02584978396
1747000	405432954.3	10432954.28	48651.95451	0.8108659086	0.0257328719
1748000	405384302.3	10384302.32	48646.11628	0.8107686046	0.02561594582
1749000	405335656.2	10335656.21	48640.27874	0.8106713124	0.0254990057
1750000	405287015.9	10287015.93	48634.44191	0.8105740319	0.02538205154
1751000	405238381.5	10238381.49	48628.60578	0.810476763	0.02526508335
1752000	405189752.9	10189752.88	48622.77035	0.8103795058	0.02514810113
1753000	405141130.1	10141130.11	48616.93561	0.8102822602	0.02503110486
1754000	405092513.2	10092513.17	48611.10158	0.8101850263	0.02491409455
1755000	405043902.1	10043902.07	48605.26825	0.8100878041	0.0247970702
1756000	404995296.8	9995296.804	48599.43562	0.8099905936	0.0246800318
1757000	404946697.4	9946697.369	48593.60368	0.8098933947	0.02456297936
1758000	404898103.8	9898103.765	48587.77245	0.8097962075	0.024444591287
1759000	404849516	9849515.993	48581.94192	0.809699032	0.02432883233
1760000	404800934.1	9800934.051	48576.11209	0.8096018681	0.02421173774
1761000	404752357.9	9752357.939	48570.28295	0.8095047159	0.02409462909

1762000	404703787.7	9703787.656	48564.45452	0.8094075753	0.02397750639
1763000	404655223.2	9655223.201	48558.62678	0.8093104464	0.02386036964
1764000	404606664.6	9606664.574	48552.79975	0.8092133291	0.02374321882
1765000	404558111.8	9558111.775	48546.97341	0.8091162235	0.02362605395
1766000	404509564.8	9509564.801	48541.14778	0.8090191296	0.02350887502
1767000	404461023.7	9461023.654	48535.32284	0.8089220473	0.02339168202
1768000	404412488.3	9412488.331	48529.4986	0.8088249767	0.02327447495
1769000	404363958.8	9363958.832	48523.67506	0.8087279177	0.02315725382
1770000	404315435.2	9315435.157	48517.85222	0.8086308703	0.02304001863
1771000	404266917.3	9266917.305	48512.03008	0.8085338346	0.02292276936
1772000	404218405.3	9218405.275	48506.20863	0.8084368105	0.02280550602
1773000	404169899.1	9169899.066	48500.38789	0.8083397981	0.02268822861
1774000	404121398.7	9121398.678	48494.56784	0.8082427974	0.02257093712
1775000	404072904.1	9072904.11	48488.74849	0.8081458082	0.02245363156
1776000	404024415.4	9024415.362	48482.92984	0.8080488307	0.02233631191
1777000	403975932.4	8975932.432	48477.11189	0.8079518649	0.02221897819
1778000	403927455.3	8927455.32	48471.29464	0.8078549106	0.02210163039
1779000	403878984	8878984.025	48465.47808	0.8077579681	0.0219842685
1780000	403830518.5	8830518.547	48459.66223	0.8076610371	0.02186689253
1781000	403782058.9	8782058.885	48453.84707	0.8075641178	0.02174950247
1782000	403733605	8733605.038	48448.0326	0.8074672101	0.02163209832
1783000	403685157	8685157.006	48442.21884	0.807370314	0.02151468008
1784000	403636714.8	8636714.787	48436.40577	0.8072734296	0.02139724775
1785000	403588278.4	8588278.381	48430.59341	0.8071765568	0.02127980132
1786000	403539847.8	8539847.787	48424.78173	0.8070796956	0.02116234081
1787000	403491423	8491423.006	48418.97076	0.806982846	0.02104486619
1788000	403443004	8443004.035	48413.16048	0.8068860081	0.02092737747
1789000	403394590.9	8394590.875	48407.3509	0.8067891817	0.02080987466
1790000	403346183.5	8346183.524	48401.54202	0.806692367	0.02069235774
1791000	403297782	8297781.982	48395.73384	0.806595564	0.02057482672
1792000	403249386.2	8249386.248	48389.92635	0.8064987725	0.0204572816
1793000	403200996.3	8200996.321	48384.11956	0.8064019926	0.02033972236
1794000	403152612.2	8152612.202	48378.31346	0.8063052244	0.02022214902
1795000	403104233.9	8104233.888	48372.50807	0.8062084678	0.02010456157
1796000	403055861.4	8055861.38	48366.70337	0.8061117228	0.01998696
1797000	403007494.7	8007494.677	48360.89936	0.8060149894	0.01986934432
1798000	402959133.8	7959133.778	48355.09605	0.8059182676	0.01975171453
1799000	402910778.7	7910778.682	48349.29344	0.8058215574	0.01963407062
1800000	402862429.4	7862429.388	48343.49153	0.8057248588	0.01951641259
1801000	402814085.9	7814085.897	48337.69031	0.8056281718	0.01939874044
1802000	402765748.2	7765748.206	48331.88978	0.8055314964	0.01928105416
1803000	402717416.3	7717416.316	48326.08996	0.8054348326	0.01916335377
1804000	402669090.2	7669090.227	48320.29083	0.8053381805	0.01904563924

1805000	402620769.9	7620769.936	48314.49239	0.8052415399	0.01892791059
1806000	402572455.4	7572455.443	48308.69465	0.8051449109	0.01881016781
1807000	402524146.7	7524146.749	48302.89761	0.8050482935	0.0186924109
1808000	402475843.9	7475843.851	48297.10126	0.8049516877	0.01857463986
1809000	402427546.7	7427546.75	48291.30561	0.8048550935	0.01845685468
1810000	402379255.4	7379255.444	48285.51065	0.8047585109	0.01833905537
1811000	402330969.9	7330969.934	48279.71639	0.8046619399	0.01822124192
1812000	402282690.2	7282690.217	48273.92283	0.8045653804	0.01810341433
1813000	402234416.3	7234416.294	48268.12996	0.8044688326	0.01798557259
1814000	402186148.2	7186148.164	48262.33778	0.8043722963	0.01786771672
1815000	402137885.8	7137885.827	48256.5463	0.8042757717	0.0177498467
1816000	402089629.3	7089629.28	48250.75551	0.8041792586	0.01763196254
1817000	402041378.5	7041378.525	48244.96542	0.804082757	0.01751406423
1818000	401993133.6	6993133.559	48239.17603	0.8039862671	0.01739615176
1819000	401944894.4	6944894.383	48233.38733	0.8038897888	0.01727822515
1820000	401896661	6896660.996	48227.59932	0.803793322	0.01716028438
1821000	401848433.4	6848433.397	48221.81201	0.8036968668	0.01704232946
1822000	401800211.6	6800211.585	48216.02539	0.8036004232	0.01692436039
1823000	401751995.6	6751995.559	48210.23947	0.8035039911	0.01680637715
1824000	401703785.3	6703785.32	48204.45424	0.8034075706	0.01668837976
1825000	401655580.9	6655580.866	48198.6697	0.8033111617	0.0165703682
1826000	401607382.2	6607382.196	48192.88586	0.8032147644	0.01645234248
1827000	401559189.3	6559189.31	48187.10272	0.8031183786	0.0163343026
1828000	401511002.2	6511002.207	48181.32026	0.8030220044	0.01621624855
1829000	401462820.9	6462820.887	48175.53851	0.8029256418	0.01609818033
1830000	401414645.3	6414645.348	48169.75744	0.8028292907	0.01598009794
1831000	401366475.6	6366475.591	48163.97707	0.8027329512	0.01586200138
1832000	401318311.6	6318311.614	48158.19739	0.8026366232	0.01574389065
1833000	401270153.4	6270153.417	48152.41841	0.8025403068	0.01562576574
1834000	401222001	6222000.998	48146.64012	0.802444002	0.01550762666
1835000	401173854.4	6173854.358	48140.86252	0.8023477087	0.01538947339
1836000	401125713.5	6125713.496	48135.08562	0.802251427	0.01527130595
1837000	401077578.4	6077578.41	48129.30941	0.8021551568	0.01515312433
1838000	401029449.1	6029449.1	48123.53389	0.8020588982	0.01503492852
1839000	400981325.6	5981325.567	48117.75907	0.8019626511	0.01491671852
1840000	400933207.8	5933207.808	48111.98494	0.8018664156	0.01479849434
1841000	400885095.8	5885095.823	48106.2115	0.8017701916	0.01468025597
1842000	400836989.6	5836989.611	48100.43875	0.8016739792	0.01456200341
1843000	400788889.2	5788889.172	48094.6667	0.8015777783	0.01444373666
1844000	400740794.5	5740794.506	48088.89534	0.801481589	0.01432545572
1845000	400692705.6	5692705.61	48083.12467	0.8013854112	0.01420716058
1846000	400644622.5	5644622.486	48077.3547	0.801289245	0.01408885124
1847000	400596545.1	5596545.131	48071.58542	0.8011930903	0.0139705277

1848000	400548473.5	5548473.546	48065.81683	0.8010969471	0.01385218996
1849000	400500407.7	5500407.729	48060.04893	0.8010008155	0.01373383803
1850000	400452347.7	5452347.68	48054.28172	0.8009046954	0.01361547188
1851000	400404293.4	5404293.398	48048.51521	0.8008085868	0.01349709153
1852000	400356244.9	5356244.883	48042.74939	0.8007124898	0.01337869698
1853000	400308202.1	5308202.133	48036.98426	0.8006164043	0.01326028821
1854000	400260165.1	5260165.149	48031.21982	0.8005203303	0.01314186523
1855000	400212133.9	5212133.929	48025.45607	0.8004242679	0.01302342805
1856000	400164108.5	5164108.473	48019.69302	0.8003282169	0.01290497664
1857000	400116088.8	5116088.78	48013.93065	0.8002321776	0.01278651102
1858000	400068074.8	5068074.85	48008.16898	0.8001361497	0.01266803119
1859000	400020066.7	5020066.681	48002.408	0.8000401334	0.01254953713
1860000	399972064.3	4972064.273	47996.64771	0.7999441285	0.01243102886
1861000	399924067.6	4924067.625	47990.88811	0.7998481352	0.01231250636
1862000	399876076.7	4876076.737	47985.12921	0.7997521535	0.01219396963
1863000	399828091.6	4828091.608	47979.37099	0.7996561832	0.01207541868
1864000	399780112.2	4780112.237	47973.61347	0.7995602245	0.01195685351
1865000	399732138.6	4732138.623	47967.85663	0.7994642772	0.0118382741
1866000	399684170.8	4684170.767	47962.10049	0.7993683415	0.01171968046
1867000	399636208.7	4636208.666	47956.34504	0.7992724173	0.01160107259
1868000	399588252.3	4588252.321	47950.59028	0.7991765046	0.01148245048
1869000	399540301.7	4540301.731	47944.83621	0.7990806035	0.01136381414
1870000	399492356.9	4492356.895	47939.08283	0.7989847138	0.01124516356
1871000	399444417.8	4444417.812	47933.33014	0.7988888356	0.01112649874
1872000	399396484.5	4396484.482	47927.57814	0.798792969	0.01100781968
1873000	399348556.9	4348556.903	47921.82683	0.7986971138	0.01088912637
1874000	399300635.1	4300635.077	47916.07621	0.7986012702	0.01077041882
1875000	399252719	4252719	47910.32628	0.798505438	0.01065169703
1876000	399204808.7	4204808.674	47904.57704	0.7984096173	0.01053296098
1877000	399156904.1	4156904.097	47898.82849	0.7983138082	0.01041421069
1878000	399109005.3	4109005.269	47893.08063	0.7982180105	0.01029544614
1879000	399061112.2	4061112.188	47887.33346	0.7981222244	0.01017666734
1880000	399013224.9	4013224.854	47881.58698	0.7980264497	0.01005787429
1881000	398965343.3	3965343.267	47875.84119	0.7979306865	0.009939066975
1882000	398917467.4	3917467.426	47870.09609	0.7978349349	0.009820245405
1883000	398869597.3	3869597.33	47864.35168	0.7977391947	0.009701409574
1884000	398821733	3821732.979	47858.60796	0.797643466	0.009582559481
1885000	398773874.4	3773874.371	47852.86492	0.7975477487	0.009463695124
1886000	398726021.5	3726021.506	47847.12258	0.797452043	0.009344816502
1887000	398678174.4	3678174.383	47841.38093	0.7973563488	0.009225923613
1888000	398630333	3630333.002	47835.63996	0.797260666	0.009107016455
1889000	398582497.4	3582497.362	47829.89968	0.7971649947	0.008988095026
1890000	398534667.5	3534667.462	47824.1601	0.7970693349	0.008869159326

1891000	398486843.3	3486843.302	47818.4212	0.7969736866	0.008750209351
1892000	398439024.9	3439024.881	47812.68299	0.7968780498	0.0086312451
1893000	398391212.2	3391212.198	47806.94546	0.7967824244	0.008512266572
1894000	398343405.3	3343405.253	47801.20863	0.7966868105	0.008393273765
1895000	398295604	3295604.044	47795.47249	0.7965912081	0.008274266677
1896000	398247808.6	3247808.572	47789.73703	0.7964956171	0.008155245306
1897000	398200018.8	3200018.835	47784.00226	0.7964000377	0.008036209652
1898000	398152234.8	3152234.832	47778.26818	0.7963044697	0.007917159711
1899000	398104456.6	3104456.564	47772.53479	0.7962089131	0.007798095482
1900000	398056684	3056684.029	47766.80208	0.7961133681	0.007679016964
1901000	398008917.2	3008917.227	47761.07007	0.7960178345	0.007559924155
1902000	397961156.2	2961156.157	47755.33874	0.7959223123	0.007440817053
1903000	397913400.8	2913400.818	47749.6081	0.7958268016	0.007321695657
1904000	397865651.2	2865651.21	47743.87815	0.7957313024	0.007202559964
1905000	397817907.3	2817907.332	47738.14888	0.7956358147	0.007083409973
1906000	397770169.2	2770169.183	47732.4203	0.7955403384	0.006964245682
1907000	397722436.8	2722436.763	47726.69241	0.7954448735	0.006845067091
1908000	397674710.1	2674710.071	47720.96521	0.7953494201	0.006725874195
1909000	397626989.1	2626989.105	47715.23869	0.7952539782	0.006606666995
1910000	397579273.9	2579273.867	47709.51286	0.7951585477	0.006487445489
1911000	397531564.4	2531564.354	47703.78772	0.7950631287	0.006368209674
1912000	397483860.6	2483860.566	47698.06327	0.7949677211	0.006248959549
1913000	397436162.5	2436162.503	47692.3395	0.794872325	0.006129695113
1914000	397388470.2	2388470.163	47686.61642	0.7947769403	0.006010416363
1915000	397340783.5	2340783.547	47680.89403	0.7946815671	0.005891123297
1916000	397293102.7	2293102.653	47675.17232	0.7945862053	0.005771815915
1917000	397245427.5	2245427.481	47669.4513	0.794490855	0.005652494215
1918000	397197758	2197758.029	47663.73096	0.7943955161	0.005533158194
1919000	397150094.3	2150094.298	47658.01132	0.7943001886	0.005413807851
1920000	397102436.3	2102436.287	47652.29235	0.7942048726	0.005294443184
1921000	397054784	2054783.995	47646.57408	0.794109568	0.005175064191
1922000	397007137.4	2007137.421	47640.85649	0.7940142748	0.005055670872
1923000	396959496.6	1959496.564	47635.13959	0.7939189931	0.004936263224
1924000	396911861.4	1911861.425	47629.42337	0.7938237228	0.004816841244
1925000	396864232	1864232.001	47623.70784	0.793728464	0.004697404933
1926000	396816608.3	1816608.293	47617.993	0.7936332166	0.004577954288
1927000	396768990.3	1768990.3	47612.27884	0.7935379806	0.004458489306
1928000	396721378	1721378.021	47606.56536	0.793442756	0.004339009987
1929000	396673771.5	1673771.456	47600.85257	0.7933475429	0.004219516329
1930000	396626170.6	1626170.604	47595.14047	0.7932523412	0.00410000833
1931000	396578575.5	1578575.463	47589.42906	0.7931571509	0.003980485989
1932000	396530986	1530986.034	47583.71832	0.7930619721	0.003860949303
1933000	396483402.3	1483402.316	47578.00828	0.7929668046	0.00374139827

1934000	396435824.3	1435824.307	47572.29892	0.7928716486	0.00362183289
1935000	396388252	1388252.009	47566.59024	0.792776504	0.003502253161
1936000	396340685.4	1340685.418	47560.88225	0.7926813708	0.00338265908
1937000	396293124.5	1293124.536	47555.17494	0.7925862491	0.003263050646
1938000	396245569.4	1245569.361	47549.46832	0.7924911387	0.003143427857
1939000	396198019.9	1198019.893	47543.76239	0.7923960398	0.003023790712
1940000	396150476.1	1150476.13	47538.05714	0.7923009523	0.002904139209
1941000	396102938.1	1102938.073	47532.35257	0.7922058761	0.002784473346
1942000	396055405.7	1055405.721	47526.64869	0.7921108114	0.002664793121
1943000	396007879.1	1007879.072	47520.94549	0.7920157581	0.002545098533
1944000	395960358.1	960358.1265	47515.24298	0.7919207163	0.002425389579
1945000	395912842.9	912842.8835	47509.54115	0.7918256858	0.002305666259
1946000	395865333.3	865333.3424	47503.84	0.7917306667	0.002185928571
1947000	395817829.5	817829.5024	47498.13954	0.791635659	0.002066176512
1948000	395770331.4	770331.3628	47492.43976	0.7915406627	0.001946410081
1949000	395722838.9	722838.9231	47486.74067	0.7914456778	0.001826629277
1950000	395675352.2	675352.1824	47481.04226	0.7913507044	0.001706834097
1951000	395627871.1	627871.1401	47475.34454	0.7912557423	0.00158702454
1952000	395580395.8	580395.7956	47469.6475	0.7911607916	0.001467200604
1953000	395532926.1	532926.1481	47463.95114	0.7910658523	0.001347362287
1954000	395485462.2	485462.1969	47458.25546	0.7909709244	0.001227509588
1955000	395438003.9	438003.9415	47452.56047	0.7908760079	0.001107642506
1956000	395390551.4	390551.381	47446.86617	0.7907811028	0.000987761036
1957000	395343104.5	343104.5148	47441.17254	0.790686209	0.000867865180
1958000	395295663.3	295663.3423	47435.4796	0.7905913267	0.000747954935
1959000	395248227.9	248227.8627	47429.78734	0.7904964557	0.000628030298
1960000	395200798.1	200798.0754	47424.09577	0.7904015962	0.000508091269
1961000	395153374	153373.9796	47418.40488	0.790306748	0.000388137846
1962000	395105955.6	105955.5747	47412.71467	0.7902119111	0.000268170026
1963000	395058542.9	58542.86004	47407.02514	0.7901170857	0.000148187809
1964000	395011135.8	11135.8349	47401.3363	0.7900222717	0.000028191192