

GRDC NO	Precipitation [m/s]	Temperature [Celcius]	Slope [degrees]	Altitude [m]
1104800	1,96E-08	14,50283501	4,674215326	633,4210197
1107700	8,73E-09	14,80585805	2,745861841	756,9283189
1107800	8,87E-09	14,71644586	2,954534331	803,0367335
1134100	4,44E-08	25,36166443	0,840282794	462,0842657
1147010	4,46E-08	23,43152987	0,967872	737,0992011
1159100	1,10E-08	17,97932398	0,823866164	1274,726763
1159300	1,56E-08	16,11946307	1,335653332	1473,599851
1159601	1,65E-08	13,75757108	1,950853931	1642,685426
1159650	2,23E-08	12,25238481	4,88161967	2125,641132
1159900	2,20E-08	14,87242085	1,946252999	1763,0577
1160200	6,78E-09	17,27266086	3,34968247	710,4034412
1160220	1,80E-08	15,08791656	4,05075839	1010,542964
1160300	2,37E-08	14,9688973	5,254336673	818,4219147
1160301	2,40E-08	14,97371216	6,119165034	847,8659844
1160320	1,12E-08	15,50369584	3,529927563	908,3370059
1160400	1,46E-08	16,34989582	3,943672747	370,5970696
1160450	2,58E-08	14,83647156	4,731218278	991,2076789
1160500	1,49E-08	17,18356238	2,58281074	559,2909517
1160510	1,36E-08	15,16393633	2,517780224	1195,680231
1160580	1,47E-08	15,49404243	2,667988962	1088,459334
1160600	2,21E-08	17,14822485	3,06439954	577,0312766
1160650	2,74E-08	16,09002838	3,463315704	1075,591254
1160680	3,10E-08	11,66912194	5,229494828	1913,77759
1160700	2,81E-08	13,6794794	5,968176344	1708,486865
1160710	2,64E-08	15,27201103	2,629886368	1396,208246
1160720	2,70E-08	15,07738304	3,404063786	1547,773913
1160750	2,66E-08	14,88876623	2,584355563	1557,771597
1160850	2,31E-08	16,10388189	2,255606768	1440,598819
1160880	2,41E-08	16,42846174	3,192582876	1243,507454
1196300	1,65E-08	19,57976344	2,4179937	1190,29134
1196350	1,89E-08	17,66146857	2,074077038	1471,916322
1196700	2,54E-08	16,42812036	5,026731108	1498,135084
1197300	2,71E-08	15,64167092	2,59216171	1526,48683
1199100	2,63E-08	15,21088863	0,876590563	1701,632056
1234150	1,98E-08	27,60226711	0,408816833	353,6135564
1255100	2,24E-08	19,73284531	0,74814607	1375,485906
1257100	2,47E-08	20,82245458	0,656120549	1332,746673
1258200	1,19E-08	20,57427566	0,631334781	1356,570704
1258300	9,41E-09	20,26905629	1,404328981	1425,73175
1258501	5,62E-09	20,08250105	2,444711702	1400,045619
1258510	4,09E-09	20,15699711	2,235791303	1315,916431
1259101	4,63E-09	20,02884838	0,713176238	1265,803132
1291100	3,11E-08	21,80709755	0,522991227	1165,923402
1291200	2,29E-08	21,82849338	0,454004419	1141,418661
1577100	3,94E-08	15,06018891	2,080466583	2317,075834
1591404	3,34E-08	20,80535326	0,530084996	1221,561551
1834101	1,94E-08	27,04433317	0,624971043	413,5090746
2124050	4,54E-09	24,22585533	3,027252453	744,9939603
2124150	4,19E-09	24,29345845	2,159499904	757,0760518

2124200	4,94E-09	22,07656707	12,5500164	1473,72456
2124250	3,53E-09	24,27660022	4,076983175	318,1173886
2124300	4,80E-09	23,76765903	1,746056688	600,0562914
2124800	4,54E-09	22,73030548	3,351301008	635,0781457
2124900	4,70E-09	22,39456374	1,155147749	688,9623074
2178200	5,28E-08	16,45166953	5,456034591	580,1822829
2180400	9,76E-09	2,250478255	5,218027308	3013,744314
2180711	1,16E-08	2,21031781	3,632374469	3175,58836
2180712	8,83E-09	-4,290973028	1,697716225	4499,53602
2181200	2,10E-08	5,410547833	15,49749701	3860,052792
2181300	1,93E-08	2,479798242	7,892925457	4081,952259
2181500	7,46E-09	-5,017848035	2,928601127	4763,559799
2181960	3,64E-08	15,38533325	2,758613618	216,2468672
2182150	2,51E-08	11,55841617	4,355068849	799,9141375
2588500	4,43E-08	11,07866155	6,298308359	683,0874938
2589700	4,62E-08	9,288851491	4,169460316	448,9339873
2591800	5,88E-08	13,18794985	8,053436115	716,5965939
2694100	4,19E-08	10,53537665	3,052622818	248,745247
2694450	3,91E-08	10,48247358	3,440297693	320,2410764
2903420	1,15E-08	-9,098016186	2,332093764	566,3171186
2909150	1,41E-08	-4,629735627	2,378044647	694,9307821
2912600	1,47E-08	0,22205679	0,809157296	263,3871012
2998110	7,93E-09	-16,68964719	2,886086595	668,2674369
2998510	9,03E-09	-12,17757811	2,485506463	522,8993443
2998800	8,80E-09	-13,7770471	3,700901718	710,1588022
2999150	7,71E-09	-13,03400738	0,900963521	220,1480297
2999910	8,48E-09	-12,41102645	1,172591518	262,2822539
3617810	4,45E-08	24,72320125	0,837907341	287,687961
3618090	9,66E-08	24,61846848	0,853522846	231,8880284
3618500	7,53E-08	24,75150802	1,590828499	346,6604357
3618600	6,66E-08	25,86395463	0,520120969	113,1826192
3618711	7,33E-08	22,58756924	3,218617934	707,4701165
3618950	9,66E-08	24,93249781	0,394727968	215,7924828
3621200	9,01E-08	24,68286323	0,930550213	274,3336101
3621400	8,93E-08	24,46308599	1,284294857	348,8767942
3622400	7,24E-08	25,64025558	0,295661217	154,8484147
3623100	6,02E-08	21,17429412	3,757783016	1146,274348
3624100	5,79E-08	25,47993725	0,644980547	299,3896406
3624120	6,78E-08	25,30575846	0,370449755	224,1880337
3624160	6,53E-08	25,24852915	0,406464412	271,9286991
3624180	6,89E-08	24,88732655	0,483146496	308,421821
3624300	6,76E-08	25,07553294	0,460396905	261,1422383
3625100	6,08E-08	24,20411041	0,459690258	300,5762953
3625150	5,89E-08	24,88186203	0,47141796	251,3221637
3625310	6,60E-08	25,53184445	0,319786098	154,3121629
3625340	6,41E-08	25,34789917	0,384786684	194,6003897
3625370	6,69E-08	24,83773857	0,480946689	267,5457635
3625380	6,97E-08	24,66549509	0,521022792	306,0556656
3627030	4,99E-08	23,38367025	1,863282401	570,6525461
3627402	5,57E-08	24,89157704	0,750278255	238,3660326

3627408	5,29E-08	24,78354	0,784185647	283,9463106
3627410	5,24E-08	24,73639151	0,875863184	333,7996721
3627600	6,18E-08	24,72348659	1,1411014	338,9922623
3627650	6,34E-08	25,05493147	0,807523692	214,0904618
3627700	7,09E-08	25,71656359	0,898612285	168,1483115
3627701	7,09E-08	25,70991045	0,903288441	169,8654343
3627810	4,45E-08	24,72320542	0,83790347	287,6871986
3629150	6,45E-08	24,99795595	0,763594109	343,4946391
3629180	6,39E-08	24,9461187	0,754136015	356,6868212
3629380	5,42E-08	24,48349013	0,797125294	474,1813188
3629700	5,82E-08	25,10390821	0,455969511	462,6595482
3629770	6,67E-08	24,91860219	0,77113444	352,3069817
3629790	6,70E-08	24,94980109	0,776136755	343,4825912
3629900	5,95E-08	24,97906111	0,628023133	391,4315702
3630050	6,30E-08	25,30332597	0,845782355	313,4790409
3630210	6,67E-08	25,13644946	0,756914641	294,2045288
3630300	6,04E-08	25,73484057	1,466623999	348,4087469
3630700	5,81E-08	25,15772464	0,884504458	468,1956017
3630900	5,30E-08	24,36846217	1,217250751	650,2592249
3631050	8,16E-08	25,37091841	0,654540606	174,8695463
3631100	7,11E-08	25,35627736	1,151176365	272,1102673
3631215	6,45E-08	24,93247375	0,77965296	395,9522938
3649255	5,05E-08	24,0161065	2,060578373	710,7695823
3649310	4,59E-08	25,78782049	1,061972875	336,2616258
3649311	4,94E-08	25,98873125	0,657252354	274,8206723
3649412	5,14E-08	24,50443393	1,559175982	570,4864586
3649419	5,53E-08	25,61266482	0,766818977	323,9969559
3649440	5,43E-08	24,63366574	1,596682482	647,5605058
3649449	5,46E-08	24,85872032	1,72097049	561,8816528
3649450	5,34E-08	24,32114128	1,893214378	665,8901165
3649459	5,34E-08	24,70790143	1,734184967	578,9699122
3649510	5,57E-08	25,37868893	1,516315402	457,0936811
3649610	4,95E-08	24,42800704	0,792266785	675,4569208
3649850	5,37E-08	25,83171546	0,811135557	245,8202351
3649900	5,28E-08	25,45502407	1,041995666	372,2889519
3649950	5,32E-08	25,4766177	1,031063361	366,1606186
3650202	6,32E-08	26,00733774	0,808994572	146,5277807
3650205	5,77E-08	25,93995727	0,994354581	203,7692532
3650220	7,36E-08	26,06356781	0,45486198	71,81715948
3650221	7,32E-08	26,05390322	0,518132698	79,81879271
3650250	6,70E-08	26,16282231	0,325530425	66,07183087
3650270	6,18E-08	26,15511874	0,425191768	71,04423202
3650280	4,56E-08	25,67724809	1,123147992	265,2328126
3650285	5,03E-08	25,95397459	1,155717329	199,1484199
3650310	4,48E-08	25,89592841	1,68172621	248,6158382
3650321	3,99E-08	25,27574254	0,95661488	307,2365262
3650330	3,84E-08	25,27184996	1,166164575	336,9356335
3650335	3,89E-08	25,95372283	0,977574424	211,3607026
3650341	3,62E-08	25,59626413	1,121746683	286,9626096
3650370	4,32E-08	26,32503334	0,680061244	126,4072467

3650380	5,10E-08	26,50358841	0,615670048	88,90547088
3650430	3,45E-08	25,32956563	1,589294858	476,6564838
3650455	2,27E-08	26,32029031	0,954343746	389,1725502
3650481	3,06E-08	26,04036956	1,136292477	376,0569704
3650530	2,31E-08	25,80019057	1,547904468	304,2411052
3650610	1,92E-08	25,32690072	0,906689541	490,5359049
3650620	2,33E-08	24,71472062	1,220775829	618,489146
3650630	2,09E-08	25,70378796	1,574175494	385,1847095
3650634	2,10E-08	25,86976577	1,261498659	331,197105
3650690	2,30E-08	26,35730614	0,644200821	120,8552295
3650745	2,47E-08	25,10401267	1,385627034	462,4671943
3650820	2,12E-08	25,32104786	1,501058491	245,856318
3650881	1,91E-08	23,49731225	1,002484244	605,4160921
3650930	2,19E-08	22,81619012	1,699242921	740,9003667
3650941	2,62E-08	22,66557826	1,350055856	631,0821053
3650970	3,37E-08	23,26856245	1,887798707	504,584464
3650990	3,16E-08	24,6919925	1,321267045	244,3701113
3651300	4,67E-08	19,23349115	3,175415639	1108,974832
3651309	4,25E-08	21,42116176	2,143120381	842,0119636
3651400	4,36E-08	22,94495152	1,508520883	679,0457614
3651408	4,25E-08	22,92391693	1,226622292	698,8273555
3651410	4,43E-08	22,31523304	1,376344893	877,952904
3651520	3,18E-08	23,66700458	0,882467397	738,2099867
3651530	3,58E-08	23,29960104	1,027574292	753,7666917
3651535	3,36E-08	23,54398412	0,980322051	724,025325
3651550	3,49E-08	23,50572097	0,77618023	767,4193735
3651650	4,04E-08	23,86048299	0,440105532	796,3196863
3651660	3,96E-08	23,85799652	0,638519826	759,6863924
3651670	3,77E-08	23,71764521	0,432855192	780,5508592
3651678	3,44E-08	24,15406673	0,754750346	673,618352
3651680	3,46E-08	24,32603586	0,920399648	667,8452882
3651805	4,06E-08	22,52180567	1,453742979	740,7508403
3651806	3,72E-08	22,82898225	1,369923415	712,1465263
3651807	3,51E-08	23,01900552	1,355185071	707,1304379
3652010	2,36E-08	24,77907331	0,79228527	223,811071
3652039	2,07E-08	23,83829359	1,197035791	392,3315328
3652050	1,79E-08	24,23671299	1,100431511	397,6531963
3652060	2,30E-08	23,26272294	1,091524588	540,1042687
3652080	3,17E-08	24,08789749	1,079550633	213,208241
3652089	3,53E-08	24,1977744	0,988374856	181,965757
3652110	1,97E-08	21,9579113	2,08020011	867,3082012
3652115	2,10E-08	21,64823776	2,439585568	1140,537743
3652120	2,14E-08	21,6117749	2,732111397	670,901986
3652130	2,10E-08	22,66264252	1,941701601	652,0702676
3652200	2,00E-08	22,24597138	4,408046426	917,3401836
3652210	2,13E-08	22,5927656	1,704164242	713,6316213
3652230	4,12E-08	23,39981025	2,180316932	257,7511851
3652320	2,70E-08	22,56262109	1,999759449	703,951836
3652350	2,75E-08	22,11599966	2,135498389	681,5981274
3652410	3,63E-08	21,40737352	2,588522551	877,0771239

3652419	3,13E-08	22,05737263	2,537271154	792,4475189
3652450	2,92E-08	22,32650185	2,962581066	744,4818884
3652455	2,97E-08	22,39676556	2,910876015	709,094095
3652610	4,45E-08	20,22665998	3,096451236	896,938103
3652660	3,79E-08	21,55947036	3,821551845	571,3074078
3652810	5,99E-08	18,92762188	2,630458687	935,7903265
3652850	4,71E-08	19,67818402	2,682052624	842,0929402
3652870	4,37E-08	20,97139151	2,664642545	550,1462783
3652880	4,71E-08	20,13140842	3,047006747	660,1327733
3652890	4,55E-08	20,38486451	3,078912412	620,5354709
3652910	3,19E-08	22,01275114	4,706214046	430,4453941
3652955	3,69E-08	20,37648792	7,870909682	498,8836436
3652980	5,49E-08	18,72080536	3,765549147	1636,787879
3652985	5,52E-08	18,82142032	5,347802409	1210,287555
3653620	5,97E-08	17,86214988	1,922010684	679,8231707
3660700	5,56E-08	18,15016685	5,169914924	1458,138575
3662300	4,61E-08	23,1912342	0,883816825	434,6646435
3663600	4,96E-08	19,48409883	2,02591722	616,2186397
3663650	4,75E-08	19,61303465	1,770138514	579,5703994
3664600	5,39E-08	17,38889078	2,365415784	1061,449185
3664804	5,39E-08	18,4093981	1,681563849	822,3229171
3666250	4,80E-08	23,68918291	1,009554547	668,0973255
3667400	4,52E-08	23,55808538	0,943823015	275,8019595
3669350	5,86E-08	18,28472505	2,361983523	1019,854085
3669600	5,37E-08	18,92325159	0,824747269	184,3491375
3669630	5,13E-08	18,70576468	0,897958463	169,9384125
4101400	4,46E-09	-8,265290403	0,49228664	245,2330937
4102100	1,47E-08	-2,49575841	2,81609685	438,0754931
4102200	1,46E-08	-1,484573249	4,819179291	388,0093342
4102450	1,30E-08	-3,20377688	7,097197642	1142,338137
4102820	1,11E-08	-4,190810154	4,026322116	1084,599979
4102850	1,94E-08	1,0630624	6,080201034	539,0850858
4103600	8,14E-09	-4,501282928	4,265714157	853,0571213
4103630	6,06E-09	-4,235025567	3,805811186	522,8953615
4103631	5,79E-09	-4,555966753	4,145894116	579,8189288
4103633	5,32E-09	-5,060034433	4,687445755	674,4408702
4103650	5,51E-09	-5,032917983	5,072711671	766,8549611
4103710	4,62E-09	-8,960157318	1,710230403	575,0398678
4103800	8,08E-09	-4,815767206	4,07828226	1099,319842
4113300	1,80E-08	4,78374136	0,184256628	370,7372058
4113301	1,77E-08	4,710256253	0,174381039	361,891219
4113302	1,76E-08	5,050875068	0,211498288	379,9083339
4113303	1,85E-08	5,521852787	0,192361917	356,7317792
4113305	1,95E-08	5,472179081	0,224053322	369,1228269
4113310	1,69E-08	5,61142364	0,171559987	355,5427703
4113315	1,96E-08	4,191197885	0,203811254	381,76657
4113321	1,95E-08	3,960083302	0,133876893	366,7542976
4113340	1,64E-08	5,030130301	0,16005172	347,7348349
4113350	1,64E-08	3,156857615	0,304627738	481,3782229
4113351	1,64E-08	3,196473817	0,301441059	472,2822157

4113360	1,57E-08	4,144251935	0,30415967	494,9792187
4113361	1,58E-08	4,142046791	0,301400059	480,8624404
4113363	1,59E-08	4,38372274	0,278669293	462,4974394
4113364	1,60E-08	4,491010479	0,268224342	449,8997714
4113365	1,60E-08	4,514122715	0,262317161	445,3963054
4113400	1,32E-08	3,594856604	0,256673732	597,3828732
4113401	1,30E-08	3,540916897	0,256633375	606,9547132
4113402	1,29E-08	3,483208365	0,24366411	610,6195729
4113403	1,29E-08	3,441585966	0,223589319	611,4553004
4113410	1,22E-08	4,02273717	0,339250638	650,140556
4113420	1,34E-08	3,794917442	0,386147284	608,2
4113600	2,17E-08	3,815489987	0,284629535	407,7488557
4113900	2,44E-08	2,803226203	0,347618547	469,6453029
4115080	5,54E-08	7,686510867	6,391464185	778,6690184
4115081	5,77E-08	6,920049203	7,821646023	964,8907577
4115082	5,57E-08	5,862876657	9,079676893	1247,274196
4115100	3,69E-08	9,27055097	4,75032657	661,4827096
4115102	3,39E-08	8,712625355	5,8303226	886,4659085
4115106	3,20E-08	7,334341895	6,139288013	1180,823831
4115200	1,75E-08	5,903125506	5,08659137	1369,069296
4115201	1,93E-08	6,133680018	5,03992559	1311,780542
4115202	2,32E-08	4,090235509	7,005542714	1342,121587
4115203	2,44E-08	3,69982466	7,38807585	1395,754868
4115204	2,43E-08	3,656746832	7,365107047	1400,537957
4115205	2,44E-08	3,625383342	7,316274205	1404,180075
4115206	2,53E-08	3,521999613	7,561101292	1439,637078
4115210	2,62E-08	7,500308908	3,531007241	936,5600178
4115211	3,53E-08	6,154562146	6,042049651	1437,378154
4115220	1,21E-08	6,972787145	4,186012326	1355,532185
4115221	1,13E-08	7,491723601	3,988166049	1192,461074
4115222	1,22E-08	6,152668008	4,903979012	1525,600906
4115223	1,28E-08	7,047858887	3,726864614	1383,603111
4115224	1,31E-08	6,343527666	4,449348577	1452,970035
4115226	1,06E-08	6,946161668	2,197758615	1348,271423
4115230	3,37E-08	5,409187944	10,18479159	1285,761078
4115231	3,03E-08	5,740161461	9,493986314	1216,086346
4115235	2,24E-08	3,467674646	8,106852591	1432,019053
4115236	2,46E-08	2,404174576	8,707889766	1598,169324
4115240	1,16E-08	9,610003356	2,598952763	718,2957055
4115241	1,62E-08	8,38236084	5,788013274	1212,248038
4115250	1,52E-08	10,07292363	2,71835381	624,184587
4115260	1,90E-08	8,104790779	4,259001476	870,7912892
4115261	2,40E-08	7,38455272	5,26798079	1029,814841
4115262	2,57E-08	7,34702562	5,302814184	1033,523402
4115270	6,58E-09	10,03233477	0,89811411	514,4460529
4115280	1,63E-08	7,28055709	2,562380651	1222,194179
4115281	1,50E-08	6,956995355	2,365785776	1341,776656
4115282	1,97E-08	6,787173831	2,329023567	1418,440404
4115290	2,73E-08	4,119904771	11,7881614	1348,579857
4115300	1,96E-08	3,565869776	5,762351295	1245,311462

4115301	1,89E-08	3,82837088	5,704542406	1207,161955
4115305	2,18E-08	2,801225455	6,350108523	1452,695099
4115310	2,39E-08	3,223546663	5,117652365	1339,705402
4115311	2,45E-08	3,548780753	5,717122879	1294,978629
4115322	2,33E-08	2,279057934	7,761956598	1523,705942
4115330	1,72E-08	2,123635992	9,035874478	1715,908944
4115332	1,76E-08	3,399124776	6,652668193	1547,135633
4115340	1,19E-08	5,510315032	4,961502709	1655,236718
4115345	1,18E-08	5,495936348	5,563349834	1697,217472
4115346	1,49E-08	4,883247146	6,063096646	1561,159852
4115347	1,42E-08	4,78361286	5,923785502	1590,793151
4115348	1,08E-08	5,464015822	5,305259705	1749,397457
4115349	1,09E-08	5,490011094	4,776925226	1756,378523
4115350	2,68E-08	6,773771101	6,114766368	1185,988687
4115351	2,68E-08	6,815427772	5,687607339	1174,119243
4115400	2,31E-08	7,273196093	4,154349966	997,0266859
4115401	2,50E-08	7,045709971	5,060772975	1100,891677
4115403	2,55E-08	6,940595433	5,335180201	1140,503952
4115410	2,50E-08	6,092766103	6,275824889	1385,629465
4115450	1,06E-08	5,395723426	6,395914376	1748,969982
4115451	9,51E-09	4,810051799	6,447968866	1939,368268
4116150	1,44E-08	7,768387472	8,410301114	1740,623237
4116170	1,61E-08	6,827832306	7,196873598	1732,694687
4116181	1,20E-08	6,670681931	3,747259992	1646,397885
4116183	1,13E-08	7,020429942	2,86227299	1593,83035
4116184	1,11E-08	6,9780337	2,736641067	1614,204157
4116186	1,08E-08	6,408090015	2,598633172	1731,095663
4116187	1,10E-08	5,934118157	2,764415268	1810,585861
4116188	1,20E-08	4,925648057	3,166921024	1952,331134
4116189	1,26E-08	4,492265055	3,257551809	2001,574039
4116190	1,39E-08	3,544287089	3,917994238	2181,142964
4116191	1,37E-08	2,444164922	5,337375525	2413,004029
4116200	1,54E-08	9,627948291	1,264327295	720,7355268
4116201	2,08E-08	9,346872659	2,879433624	964,694769
4116300	1,89E-08	7,063790856	5,800279406	1323,688558
4116301	1,73E-08	6,554106956	6,241026764	1450,392684
4116311	1,98E-08	6,137452242	6,798415143	1430,713886
4116320	1,43E-08	5,502109459	8,271809076	1679,100337
4116325	1,59E-08	5,933227003	7,241699036	1589,722352
4116330	1,34E-08	4,41931366	7,112923796	2053,42716
4116332	1,18E-08	3,398031583	6,265490559	2253,051796
4116333	1,48E-08	2,837706356	5,746089228	2373,741204
4116340	9,56E-09	3,741676597	5,210774819	2265,566212
4116350	9,77E-09	7,335712307	2,116635804	1711,847647
4116351	1,12E-08	5,328940492	4,132312143	2044,066353
4116360	1,54E-08	3,222681034	4,812017344	2221,654733
4116400	1,64E-08	6,848703456	5,143611391	1568,671189
4116401	1,73E-08	6,215028797	5,760384105	1707,77537
4116402	1,75E-08	5,77363027	6,001484531	1795,664297
4116405	1,87E-08	6,256590986	4,514665181	1771,793963

4116406	1,91E-08	6,195116976	4,424535687	1809,665513
4116407	2,00E-08	6,157099202	5,230675337	1965,939015
4116450	9,48E-09	7,706815445	1,701337615	1579,083884
4116451	9,84E-09	7,440690401	1,634774658	1681,071328
4116460	1,52E-08	6,410819916	5,86335753	1795,995756
4116461	1,60E-08	5,75104869	6,88223232	1951,784901
4116470	1,52E-08	4,460266479	2,213676481	1988,017155
4116471	1,63E-08	4,176137256	2,102778766	2042,761334
4116480	1,19E-08	4,925036629	2,414229653	1888,970154
4118100	2,47E-08	7,117138672	6,830966404	2470,792507
4118105	1,84E-08	8,333182363	4,87861872	1897,471417
4118110	1,84E-08	7,844592501	4,601408856	2057,649496
4118220	1,89E-08	11,93550034	10,06826496	1901,53022
4118300	1,33E-08	15,05195045	7,400854155	1198,182438
4118310	5,88E-09	19,00099945	8,220675405	1405,30787
4118320	4,89E-09	16,31743301	2,634562694	1109,00401
4118410	9,34E-09	6,466245042	2,66188616	1896,525485
4118420	9,74E-09	6,388084608	3,282249445	1883,126388
4118440	8,38E-09	7,963095732	2,714770792	1772,0651
4118800	1,08E-08	7,961223167	2,521466376	2580,455373
4118850	1,13E-08	6,646135588	4,155841218	2289,60688
4119050	2,14E-08	4,92043988	0,281098087	451,8622037
4119070	2,25E-08	6,826512184	0,176835676	334,1620855
4119080	2,31E-08	5,967209256	0,322591247	335,7736108
4119090	2,54E-08	7,379537662	0,176111948	329,3376385
4119100	2,20E-08	6,216642341	0,251346292	366,4556125
4119101	2,14E-08	4,84327995	0,289795167	409,5300149
4119150	2,69E-08	8,145963488	0,586164023	337,2656674
4119170	2,70E-08	8,82416101	0,316593059	292,3585958
4119200	2,79E-08	8,23179973	0,396322946	268,3335011
4119201	2,67E-08	7,812874988	0,326047476	276,883075
4119210	2,80E-08	7,971279235	0,656799905	298,2700616
4119220	2,86E-08	8,595151726	0,258129211	265,2000885
4119230	2,90E-08	9,585671697	0,257680056	216,2965943
4119250	2,68E-08	8,668662672	0,311115975	303,2086623
4119251	2,72E-08	8,859716794	0,360577042	305,7375009
4119252	2,70E-08	8,3888316	0,249401037	345,114345
4119260	2,67E-08	8,077837879	0,268801236	330,1945898
4119261	2,65E-08	7,888152969	0,248838367	344,4627405
4119262	2,62E-08	7,566523098	0,222984672	357,5938286
4119263	2,60E-08	7,353461057	0,179843742	369,6501012
4119264	2,67E-08	8,340776707	0,277409099	315,4327902
4119265	2,61E-08	7,722345416	0,236280037	354,8809583
4119270	2,77E-08	9,875881548	0,347865526	259,1188421
4119271	2,77E-08	9,227125573	0,336417357	295,1142319
4119280	2,63E-08	8,661147161	0,295612398	343,6790105
4119281	2,49E-08	7,638091073	0,182776968	387,8831013
4119282	2,44E-08	7,447502151	0,18665187	399,6892676
4119283	2,52E-08	7,641991789	0,139087872	366,113058
4119285	2,65E-08	8,652273516	0,267729615	357,6232215

4119286	2,61E-08	8,275762077	0,190066002	372,2214672
4119288	2,64E-08	8,154693734	0,147207156	350,1235592
4119290	3,06E-08	11,6542698	0,271679464	240,8350724
4119295	3,06E-08	11,80491013	0,343137645	224,041713
4119300	2,49E-08	7,144424551	0,414826944	331,9992355
4119310	3,03E-08	9,955326802	0,13604351	213,7748278
4119311	3,06E-08	9,773908145	0,157526125	223,2479887
4119312	3,08E-08	9,786487577	0,152539547	226,8668673
4119313	3,10E-08	9,805272143	0,1561435	230,8811461
4119315	3,02E-08	10,21017561	0,109453716	208,02137
4119317	2,81E-08	8,729021379	0,329554759	244,6985029
4119318	2,93E-08	10,0611434	0,138267464	209,7645189
4119321	2,90E-08	10,27095447	0,292323199	220,7245589
4119322	2,92E-08	10,37895562	0,283371061	214,9240273
4119325	3,00E-08	10,87775872	0,19969397	206,0061297
4119327	3,00E-08	10,81382477	0,254221843	199,1632116
4119400	2,96E-08	10,24951044	0,230688767	207,6613233
4119410	3,04E-08	11,22344768	0,160428241	198,7629401
4119430	2,58E-08	6,467734872	0,43275789	335,2043868
4119431	2,62E-08	5,682844996	0,289675977	400,9425145
4119440	2,50E-08	5,610560099	0,420328528	388,5974764
4119441	2,49E-08	5,103004404	0,338481909	422,5024759
4119442	2,45E-08	5,17622587	0,385261447	426,3342931
4119445	2,45E-08	6,327514832	0,587317634	355,18464
4119447	2,47E-08	4,439160117	0,276909003	469,1900516
4119450	2,58E-08	5,896069312	0,477506312	379,6073862
4119451	2,57E-08	5,458787691	0,322559165	403,1222961
4119452	2,55E-08	4,805709778	0,349009539	446,9187435
4119453	2,54E-08	4,43222104	0,360360839	472,2141301
4119454	2,48E-08	3,793729029	0,340115128	512,2023261
4119460	2,20E-08	6,841570127	0,243923621	354,5253505
4119461	1,99E-08	6,171923741	0,310304345	376,540504
4119510	2,72E-08	8,844123159	0,47976185	292,8521549
4119600	2,80E-08	8,568381648	0,28244139	228,8118118
4119650	2,39E-08	6,478339294	0,441784794	353,904729
4120100	1,10E-08	4,207483878	0,677166706	820,411924
4120110	1,10E-08	6,68775266	1,694318213	1225,598692
4120111	1,05E-08	5,309531772	2,542760419	1613,473814
4120112	9,95E-09	4,169623158	3,58507342	2586,040934
4120120	8,79E-09	5,384431329	3,083649731	1864,109603
4120121	8,29E-09	5,325247761	2,817179082	1952,942232
4120125	1,04E-08	3,666861083	5,824464821	2168,301806
4120200	9,97E-09	4,952856165	0,770049564	915,2819231
4120202	1,08E-08	5,273611892	0,860077831	1044,030492
4120301	1,02E-08	6,049338789	1,623637427	1345,850162
4120311	1,17E-08	4,484352192	2,035264494	1370,453205
4120320	1,16E-08	6,468910615	1,456841163	1261,852944
4120321	1,25E-08	6,125821349	1,760254928	1442,936899
4120322	1,28E-08	5,126924472	2,760726526	1737,156898
4120331	1,04E-08	4,921692805	3,890065364	2118,480942

4120800	9,57E-09	6,898609827	0,708683672	871,9473346
4120900	1,09E-08	5,493335476	1,714286699	1192,315122
4120901	1,13E-08	5,849591019	2,33855838	1408,091311
4120902	1,16E-08	5,492940319	2,993028678	1634,087291
4120903	1,24E-08	5,006453043	4,004839866	2047,007769
4120950	1,08E-08	6,047548254	2,375423386	1511,807446
4120951	1,38E-08	4,796139539	4,421578087	1967,066855
4120952	1,47E-08	2,881483372	5,70150024	2441,936443
4120953	1,46E-08	2,367520191	5,200659081	2544,035747
4120955	1,12E-08	1,796284173	5,585507615	2696,431665
4120956	8,93E-09	4,807728363	2,991992621	2111,026688
4121100	1,18E-08	6,624415976	0,755388837	938,438233
4121101	1,19E-08	7,107542073	0,685427675	1042,956973
4121102	1,19E-08	7,256239087	0,704369379	1113,995792
4121110	1,27E-08	5,655769626	0,702695549	673,4550851
4121111	1,25E-08	5,717463137	0,705142367	689,3274207
4121120	1,29E-08	6,200849037	0,521742355	743,6202626
4121121	1,24E-08	5,964448112	0,434332603	822,0849519
4121125	1,28E-08	6,327813219	0,478306269	772,3063107
4121126	1,22E-08	6,295958668	0,387794425	842,4650125
4121130	1,24E-08	7,138596923	0,64300789	875,1947087
4121131	1,29E-08	7,172154396	0,608032525	797,0298898
4121140	1,15E-08	7,503919092	0,996446071	1420,909687
4121141	1,22E-08	7,567414903	1,104341512	1244,439727
4121142	1,20E-08	7,731660548	1,108719587	1316,073983
4121145	1,15E-08	7,313163333	0,770648988	1434,113764
4121146	1,23E-08	7,167077309	1,102476031	1214,636713
4121147	1,21E-08	6,931460199	1,274655507	1381,40121
4121150	1,42E-08	8,360551287	0,663053566	671,6585105
4121160	1,41E-08	8,472753599	0,789363508	858,8893232
4121161	1,29E-08	8,546730257	0,87587428	986,760996
4121300	1,69E-08	6,388931725	0,20126203	456,2628285
4121301	1,65E-08	6,007779355	0,19952557	461,3121647
4121302	1,63E-08	5,275922844	0,209711599	467,3969772
4121304	1,59E-08	4,417543549	0,246711732	498,3951926
4121320	2,01E-08	6,950258743	0,338628278	498,5911895
4121321	1,85E-08	6,435068906	0,30379559	543,1827469
4121330	2,26E-08	7,759478502	0,384316971	416,760957
4121340	2,41E-08	7,313506498	0,329528193	429,4807599
4121341	2,42E-08	7,745796609	0,419955008	412,4875099
4121350	2,60E-08	8,485184749	0,617391305	398,1192622
4121400	1,52E-08	8,269171531	0,513994968	999,4264405
4121401	1,37E-08	8,233974544	0,510347049	1160,963839
4121420	1,27E-08	6,651999162	0,626823307	784,8243436
4121430	1,29E-08	5,715641141	0,574652971	710,0538717
4121431	1,25E-08	5,694332229	0,496180218	784,7045088
4121801	1,29E-08	6,38822388	1,32919478	1043,049197
4121802	1,10E-08	5,70869454	1,82593088	1252,861066
4122100	2,17E-08	8,861590551	0,38363316	537,9415718
4122105	2,25E-08	9,06969482	0,492070165	454,6334773

4122111	1,55E-08	8,541474218	0,730000168	1063,492861
4122151	1,20E-08	3,162244754	2,572477901	2506,477762
4122152	1,04E-08	5,62912031	1,82930712	2071,726518
4122153	1,02E-08	5,264487275	1,959928728	2165,075151
4122154	1,41E-08	1,827407538	2,920070826	2705,643748
4122155	9,84E-09	5,223046532	1,406967106	2227,443426
4122160	2,64E-08	9,263337272	0,562136767	372,7800075
4122165	2,61E-08	9,172683558	0,562614865	377,5670448
4122170	2,53E-08	10,39617125	0,51835169	354,9642801
4122180	2,57E-08	11,39387455	0,547132044	371,4344642
4122190	2,83E-08	10,33257024	0,44259239	338,7269669
4122201	2,32E-08	10,961199	0,317393464	476,8625957
4122211	2,21E-08	10,92015999	0,294724151	514,3649307
4122212	2,05E-08	10,74439177	0,224399135	603,4485924
4122220	1,59E-08	11,25089159	0,417652129	902,6499505
4122221	1,42E-08	10,76506595	0,42050775	1108,112317
4122222	1,84E-08	11,65070863	0,444616343	705,157775
4122230	1,88E-08	11,77311753	0,526969658	630,1338281
4122240	1,92E-08	11,60616405	0,454648575	605,9056463
4122250	2,82E-08	10,32542681	0,47578774	309,2473463
4122251	2,88E-08	10,43224381	0,467704357	294,6262264
4122255	2,81E-08	9,819900795	0,48836411	318,8442676
4122260	3,21E-08	12,4586847	0,410650653	244,6956122
4122270	2,99E-08	12,79434713	0,419031643	342,5026378
4122271	3,12E-08	13,12231106	0,426414129	317,9643215
4122280	3,42E-08	13,3098767	0,813482329	366,3687364
4122281	3,41E-08	13,26392921	0,829511883	354,3423647
4122300	3,31E-08	13,18076192	0,490622877	294,8135272
4122350	1,61E-08	10,49937408	0,409005705	973,3431849
4122351	1,44E-08	10,18516342	0,397824302	1134,050249
4122352	1,34E-08	10,20587276	0,375132229	1263,768987
4122360	1,62E-08	10,60838302	0,431407462	953,8666488
4122370	1,48E-08	10,35852482	0,30569742	1070,508232
4122600	1,47E-08	7,723221694	1,135762757	1423,678671
4122601	1,47E-08	7,720646353	1,136335443	1424,898185
4122602	1,26E-08	7,246691151	1,424178084	1731,525218
4122603	1,23E-08	7,170238935	1,458319447	1763,512878
4122620	2,33E-08	10,35497031	0,506133739	401,4140336
4122630	1,81E-08	8,611897753	0,483512998	830,0825579
4122635	1,80E-08	8,35746902	0,443444787	821,3359313
4122636	1,69E-08	8,178174183	0,447400651	905,3873662
4122637	1,75E-08	8,657881011	0,523679871	888,2591689
4122638	1,55E-08	8,308503692	0,518309727	1060,317141
4122639	1,87E-08	8,972715626	0,560777606	778,6525243
4122650	1,33E-08	6,668137616	1,287651496	1116,516835
4122700	1,93E-08	11,16467893	0,418737966	741,212143
4122701	1,85E-08	11,0479669	0,408592496	774,5416334
4122900	1,56E-08	7,644431741	1,120702692	998,374221
4122901	1,49E-08	7,424117889	1,142911125	1027,199628
4122902	1,44E-08	7,30009017	1,16548464	1051,918443

4122903	1,35E-08	6,703261601	1,279197685	1107,896634
4123050	3,64E-08	11,91772323	1,229246548	347,9085765
4123082	3,71E-08	12,61264764	3,750740026	517,4931239
4123083	3,41E-08	12,23882476	6,026148468	682,8244749
4123085	4,21E-08	12,99197048	2,08752098	499,922587
4123090	3,39E-08	12,4725039	0,220814345	154,6622702
4123095	4,29E-08	14,354055	0,737626465	243,8197448
4123110	3,31E-08	12,2581761	0,139854092	169,5528793
4123111	3,41E-08	12,47407458	0,193752207	149,1241651
4123120	3,56E-08	12,59860261	0,28656645	139,1959696
4123130	3,34E-08	11,2382007	0,287585111	222,2484863
4123131	3,09E-08	10,15208148	0,171714299	248,1639614
4123135	3,04E-08	10,04779239	0,221682831	253,6372265
4123136	3,07E-08	9,972581039	0,182922521	253,4095872
4123137	3,26E-08	11,82183596	0,165154026	195,3079448
4123140	3,64E-08	12,90233307	0,329453059	136,9857585
4123200	3,20E-08	10,18332933	0,134969788	287,7370414
4123201	3,39E-08	11,21122284	0,354417229	245,2422577
4123202	3,46E-08	11,50994032	0,402129932	231,7257526
4123205	3,40E-08	10,95665822	0,203250948	267,9795401
4123206	3,40E-08	11,06978661	0,206268235	259,6985006
4123207	3,47E-08	11,5035494	0,423107756	236,7664383
4123208	3,41E-08	10,68470155	0,222966545	295,188033
4123209	3,42E-08	11,12210236	0,145415923	249,9450704
4123220	4,01E-08	13,03039378	0,846590106	265,4050351
4123225	3,64E-08	12,56922719	0,640106796	236,8542714
4123230	3,12E-08	10,21241439	0,358749082	303,4974927
4123235	3,08E-08	9,935946413	0,184215075	310,6416676
4123240	3,46E-08	12,30945894	0,380433691	271,5378246
4123245	3,80E-08	12,80880541	0,833616227	239,3592233
4123250	3,55E-08	12,50568112	0,826163594	279,2763342
4123251	3,57E-08	12,51100138	0,963984792	285,8674912
4123255	3,33E-08	11,43158542	0,781758708	273,90576
4123260	3,07E-08	10,4126487	0,332617059	288,7205864
4123265	3,36E-08	11,8377007	3,252739225	533,930225
4123268	3,53E-08	10,85362331	2,739980133	796,3567443
4123270	3,63E-08	10,30255373	3,205074526	816,8829828
4123271	3,69E-08	10,17676364	3,217814239	845,8631474
4123272	3,91E-08	9,556693337	3,430947274	954,8123121
4123275	3,36E-08	10,87539354	2,072366053	792,8297655
4123277	3,62E-08	11,00878021	2,284016966	869,0833257
4123278	3,66E-08	11,00783905	2,665810823	956,119155
4123280	3,15E-08	11,07066108	0,838242981	277,3013204
4123290	3,63E-08	10,90497482	1,285977724	318,6121891
4123300	3,38E-08	10,74443373	1,355213395	402,2978785
4123310	3,53E-08	12,0544475	0,2316364	247,7693718
4123320	2,94E-08	9,659362452	0,860662314	346,1310278
4123330	4,03E-08	9,767957224	2,358502698	723,6782987
4123331	4,13E-08	9,12685231	3,061006125	790,594566
4123335	4,03E-08	9,056082017	3,861469944	999,9820713

4123341	3,98E-08	9,18102237	3,477762444	994,4340165
4123345	3,69E-08	9,709879506	1,403557353	792,801564
4123347	3,56E-08	9,664658656	1,537494566	720,9113985
4123350	3,30E-08	6,898281465	2,404731939	589,2624141
4123351	3,26E-08	7,041304946	2,37206937	612,3146703
4123352	3,48E-08	8,524700636	1,596530895	494,5679796
4123355	3,26E-08	8,772584899	1,139857911	422,200786
4123357	3,60E-08	8,616434298	1,152350386	478,8506058
4123360	5,07E-08	12,1641567	4,198797011	1205,96281
4123365	4,35E-08	12,03119149	6,367009057	1155,135489
4123370	3,34E-08	11,91385601	2,829619251	650,9933799
4123375	4,30E-08	13,31185392	1,498105033	515,7966329
4123380	4,51E-08	11,36358857	3,325881515	831,9423255
4123382	4,86E-08	11,18672256	3,285732272	881,6870299
4123385	3,76E-08	11,1158339	5,08421806	988,5234848
4123400	3,08E-08	10,05549373	0,854955288	320,3052921
4123510	3,30E-08	10,32043153	0,382423782	320,0763789
4125010	3,59E-08	14,60377848	0,868415793	363,3300007
4125020	3,60E-08	13,31638996	0,332072617	330,8483431
4125025	2,89E-08	13,02286201	0,374858041	395,0007857
4125026	2,98E-08	13,14929917	0,350493439	373,8329575
4125027	3,05E-08	13,27733021	0,327634293	356,1202468
4125028	3,29E-08	13,6066683	0,409246249	335,6135398
4125050	3,26E-08	14,04727498	0,515264666	293,4132939
4125055	3,32E-08	15,07804153	0,629027822	268,4004691
4125063	1,56E-08	12,84285118	0,56913114	1003,434613
4125064	1,36E-08	11,96164806	0,653903672	1242,155504
4125070	2,85E-08	13,69436632	0,282934375	420,1857835
4125075	1,29E-08	10,6100266	1,840678498	1759,223022
4125080	2,55E-08	14,53136181	0,260292584	418,8071444
4125100	1,65E-08	12,2069455	0,321088775	767,5972835
4125110	2,23E-08	13,44671342	0,174134528	554,1825299
4125205	3,66E-08	15,76263712	1,843758886	276,3620011
4125210	3,51E-08	15,80679673	1,605752681	232,2346189
4125500	1,78E-08	11,98753329	0,864461602	1064,895065
4125550	1,83E-08	13,39638007	0,838996629	1081,555786
4125551	1,40E-08	12,00851285	1,261060219	1533,674843
4125552	1,52E-08	7,742012831	2,627023271	2267,560972
4125555	1,70E-08	13,79744226	0,376765024	911,9679134
4125560	1,41E-08	13,02823122	0,344859139	1122,59288
4125565	3,10E-08	15,96973768	0,509194067	282,4544541
4125570	1,46E-08	13,65405722	0,24966481	1047,807763
4125801	1,48E-08	10,56444583	1,133553909	1349,796956
4125802	1,36E-08	10,18146956	1,247658209	1458,100361
4125804	2,17E-08	13,02264917	0,854524485	890,2779028
4125810	2,46E-08	13,39202285	0,168396628	463,6968317
4125900	3,63E-08	14,56365259	1,048379986	276,2061038
4125901	3,61E-08	14,36934561	1,069074533	294,8028951
4125902	3,58E-08	14,48270768	1,325000883	352,3202187
4125904	3,55E-08	14,68794523	2,250983091	518,2321702

4125910	3,53E-08	13,46815997	0,924821764	302,870273
4125911	3,50E-08	13,31772732	0,918915071	324,6647633
4125915	3,67E-08	14,69279367	0,789352219	229,1867263
4125917	3,63E-08	14,23639608	0,702658315	264,3666016
4125918	3,60E-08	14,13506861	0,675824025	295,4728538
4125920	3,60E-08	14,74511412	2,955044807	454,8167166
4125925	3,51E-08	13,60744558	0,640785553	413,5568883
4125930	3,60E-08	14,6613682	1,725295352	486,8345969
4125941	3,61E-08	14,01328393	0,778720757	238,0695069
4125942	3,56E-08	13,52430123	0,86968773	228,674526
4125943	3,50E-08	13,13005878	1,100817746	272,2198056
4125944	3,41E-08	12,71401907	1,357475279	337,6624885
4125950	3,49E-08	13,3221038	0,795876422	343,7153697
4126100	3,99E-08	16,09632869	1,187073238	258,6642166
4126150	3,85E-08	17,42903861	0,426710595	117,2642401
4126301	3,50E-08	16,38763379	0,648341162	225,4766045
4126350	2,07E-08	16,78298141	0,411905809	445,8667734
4126351	1,95E-08	16,56574005	0,502268945	510,6080059
4126701	4,16E-08	16,64335517	0,831772693	171,7124024
4126750	4,00E-08	16,7513044	0,488376027	118,0633125
4126801	2,38E-08	16,04501133	0,507389976	523,5602177
4126802	2,27E-08	16,00514593	0,468705292	550,5583815
4126803	1,80E-08	15,31149546	0,478376702	783,9406648
4126804	2,12E-08	15,92051003	0,471742474	592,2226619
4126805	1,98E-08	15,84549561	0,45507561	644,6026274
4126810	1,95E-08	15,2430052	0,497039089	709,8201604
4126815	1,94E-08	15,15243342	0,629000381	682,8867314
4126850	1,75E-08	15,62956913	0,505690609	769,7516241
4126851	1,79E-08	15,75854466	0,499511225	716,0763393
4127100	3,28E-08	12,7844486	0,806352353	283,9135974
4127150	4,37E-08	15,23270948	0,505013951	150,9035505
4127201	3,21E-08	12,01860276	0,15919132	187,7429052
4127202	3,19E-08	11,80634068	0,158760415	196,7648163
4127400	4,14E-08	14,65256772	0,395738216	128,7234951
4127501	1,86E-08	7,866753245	0,923618273	809,9123599
4127502	1,85E-08	7,831699224	0,926374226	814,0606726
4127503	1,82E-08	7,756463344	0,93319546	823,2671213
4127600	3,98E-08	16,55099633	0,047107276	44,20282686
4127700	4,32E-08	17,12734537	0,387333924	102,6665073
4127701	4,32E-08	16,58006366	0,426628412	126,8514048
4127800	2,32E-08	9,635494511	0,94741912	705,3164161
4127910	4,64E-08	18,34483579	0,524120239	117,0139367
4127920	4,96E-08	18,97130585	0,505978047	91,51978278
4127940	4,80E-08	18,55599676	0,346378427	112,98685
4127941	4,83E-08	18,95623129	0,274879258	81,29130206
4127950	4,83E-08	18,97526427	0,269939038	75,78626564
4132010	2,39E-08	2,345539317	1,447097862	475,9571905
4132200	2,30E-08	4,323827837	0,285709018	434,1381964
4132300	2,42E-08	4,661696891	0,767414996	398,6895918
4132800	2,43E-08	3,727935894	0,654219418	427,5709778

4132900	2,50E-08	5,150246444	0,331800148	243,4245643
4133100	2,53E-08	4,959885355	0,309265415	325,7106441
4133200	2,48E-08	6,442918634	0,353405912	297,9697656
4133250	2,55E-08	7,283897448	0,40392376	267,7253733
4133260	2,46E-08	5,538417013	0,375381935	345,9006561
4133300	2,52E-08	7,919997641	0,398695715	281,3694256
4133400	2,45E-08	4,480871253	0,469826144	409,0418645
4133401	2,47E-08	3,904307987	0,512037102	477,0840293
4133450	2,52E-08	5,203544473	0,217634566	236,2279692
4133500	2,99E-08	9,683463894	0,215264736	274,4188825
4133501	2,95E-08	9,540088125	0,200471571	281,2244722
4133550	3,01E-08	9,921067069	0,210616423	273,7950811
4133651	2,83E-08	8,926906501	0,264869233	300,8053023
4133701	2,42E-08	6,580620301	0,340526403	363,7317996
4133750	2,65E-08	8,40127278	0,264075025	260,2400123
4133751	2,65E-08	8,622195132	0,207462957	284,8075993
4133800	2,43E-08	6,184445437	0,543917548	357,0073027
4134300	2,40E-08	7,405724149	0,264167974	259,1212587
4134350	2,52E-08	7,418607694	0,324665123	298,0220339
4134500	2,51E-08	8,610243743	0,250111711	269,4890814
4134501	2,49E-08	8,541735715	0,22589711	258,9518014
4134600	2,51E-08	7,905399675	0,130425707	238,504085
4135100	2,75E-08	9,363282335	0,218241649	251,7241162
4135200	2,94E-08	9,698069673	0,128202373	247,6138357
4135205	2,95E-08	9,803348778	0,112124792	246,3949946
4135210	2,95E-08	9,785672645	0,159395387	269,8463337
4135300	2,58E-08	8,769160982	0,252971992	242,556132
4135400	2,68E-08	9,181567206	0,326720831	286,2413127
4135800	3,32E-08	7,244618986	1,617563348	492,8891316
4136301	3,13E-08	6,666666347	1,876019234	568,2572236
4136400	3,08E-08	7,992985279	1,269131406	259,9805604
4136500	3,47E-08	5,667612776	1,172080189	473,2950289
4143310	3,20E-08	6,239121255	0,873928196	321,205282
4143500	3,19E-08	5,710368958	1,109031755	399,8423892
4143550	2,67E-08	5,861511176	0,412666271	260,3105965
4143710	3,18E-08	5,291497403	2,096829072	495,6898285
4143750	3,41E-08	6,407762985	3,454884572	405,7011472
4143770	3,90E-08	4,892472451	2,969992303	367,8803375
4143790	3,88E-08	5,112918021	2,947628986	346,7199066
4145050	4,56E-08	7,795939114	7,229342277	658,6658814
4145080	4,29E-08	4,433167992	11,43996758	1122,229242
4145081	4,30E-08	3,888217519	12,11095135	1216,441457
4145082	3,82E-08	3,070534949	12,63549582	1348,16215
4145083	3,72E-08	2,994068259	12,45898738	1394,897805
4145085	4,69E-08	4,655325757	11,62062137	1152,297611
4145100	8,44E-08	8,518133668	10,29672456	745,0199957
4145120	7,63E-08	8,415787568	10,28833312	785,3036241
4145130	8,69E-08	8,639169265	5,974144085	468,4321708
4145150	6,42E-08	9,815332262	2,406170446	226,0203173
4145160	4,67E-08	9,781946569	2,524546531	228,0993767

4145161	4,61E-08	9,783390141	2,682439666	258,6692818
4145170	5,99E-08	7,934623005	5,292515353	733,7099163
4145180	5,66E-08	8,568352183	6,366530614	879,2215685
4145190	5,39E-08	8,064157688	8,217454836	745,232548
4145200	5,48E-08	7,615539329	11,66476607	1046,073056
4145300	4,04E-08	2,927735024	15,01574202	1563,642564
4145401	6,82E-08	8,172457622	11,10903552	1118,26022
4145700	3,09E-08	9,788372124	5,253689333	754,7981999
4145900	2,71E-08	9,432193934	5,429800905	933,6202031
4145901	2,44E-08	8,832457351	4,544775134	1078,762525
4146100	4,21E-08	9,150886859	6,97111162	775,4362102
4146110	2,69E-08	8,581843031	5,496248464	1278,499537
4146111	1,97E-08	7,936751577	3,699122789	1419,446859
4146112	1,60E-08	7,295770016	2,225705467	1549,97196
4146115	3,57E-08	9,792218927	7,437769805	1158,823162
4146120	4,27E-08	10,61778653	6,884076596	580,1188459
4146130	2,44E-08	9,04991896	4,421996136	1205,679501
4146140	1,55E-08	7,128262846	2,023540284	1574,606911
4146141	1,78E-08	6,974769766	1,781542793	1553,703967
4146145	1,36E-08	7,235876918	2,21812367	1600,03372
4146180	3,95E-08	11,29081626	6,051571365	791,0878465
4146200	3,65E-08	10,96213612	6,780611703	1123,294845
4146210	3,27E-08	13,49365063	3,838786551	342,3381886
4146230	3,54E-08	13,16462175	4,154110857	355,4250835
4146250	3,27E-08	11,54102783	7,214940333	938,6104418
4146270	3,41E-08	10,80202808	5,099437936	1313,429469
4146281	2,65E-08	11,3054231	3,323698464	1006,072864
4146310	2,06E-08	14,14816742	3,622749467	306,9106667
4146320	2,00E-08	13,22431972	4,269827382	619,2072249
4146330	2,07E-08	12,95644379	5,171075567	818,9720524
4146350	1,87E-08	13,34743148	4,642188364	749,488665
4146360	1,82E-08	13,00813941	3,775954594	948,7004779
4146400	2,05E-08	13,43186475	3,043270535	457,5758739
4146410	1,83E-08	11,68572231	4,302313528	1032,117301
4146610	1,86E-08	11,94460375	6,489206428	982,253112
4146630	1,96E-08	11,56372223	7,701978444	1030,141704
4146900	1,30E-08	14,87781035	4,3052207	709,0191364
4146920	1,36E-08	15,00741131	3,21571345	700,2692856
4146950	1,34E-08	13,8675867	1,896920994	554,5478261
4147010	3,49E-08	4,200243059	1,406114432	266,5753342
4147011	3,49E-08	4,358163118	1,313339989	241,4601933
4147050	3,63E-08	3,861139173	2,271937479	446,4185082
4147110	4,11E-08	4,434784882	3,115296405	426,8815028
4147111	4,04E-08	3,871852444	2,926940528	573,1874837
4147210	4,43E-08	3,861005653	5,287681742	549,8292262
4147310	3,55E-08	7,625570195	0,879368547	111,1640353
4147380	3,67E-08	7,21526778	2,008484574	255,2885404
4147381	3,65E-08	6,532726616	2,550689434	313,5932079
4147410	3,83E-08	9,865742328	0,795610723	152,4484154
4147440	3,68E-08	10,42479297	0,762812267	76,3364968

4147450	3,87E-08	9,730143905	1,209576383	194,2343025
4147460	3,77E-08	6,270485578	2,608969039	388,3253204
4147461	3,78E-08	5,714338947	2,859563541	422,4459501
4147462	3,89E-08	4,53991849	3,160518911	460,2357981
4147463	3,88E-08	4,252434634	2,825707565	538,0508099
4147465	3,99E-08	4,334433966	2,785117008	439,4529868
4147470	3,77E-08	8,247809649	2,347343129	439,3812261
4147475	3,80E-08	8,828046565	1,368307624	236,2568815
4147490	3,78E-08	8,954719987	2,118060331	299,9032232
4147491	3,77E-08	8,576133194	2,374910283	346,4454246
4147500	3,43E-08	6,405787255	2,375661983	399,8605685
4147501	3,39E-08	5,400432938	2,758259116	503,5505455
4147502	3,42E-08	4,305013834	2,989419111	629,1391126
4147505	3,53E-08	5,311925509	2,507088357	501,5127293
4147510	3,84E-08	9,511714813	1,233397842	192,8655675
4147540	3,86E-08	10,50913936	0,714496077	79,25883576
4147600	3,62E-08	8,672794544	2,000969102	388,0354282
4147601	3,59E-08	7,797387379	2,437891744	494,5417476
4147605	3,65E-08	7,019333102	3,756062471	624,6892905
4147606	3,47E-08	7,079497912	2,948933311	551,9712513
4147650	3,54E-08	10,08012393	1,636277054	208,5784287
4147651	3,57E-08	10,39418959	1,372076531	172,5577328
4147700	3,18E-08	8,430290087	2,36153387	427,0468252
4147701	3,32E-08	7,378376878	2,235672981	474,0777723
4147702	3,41E-08	7,015784145	2,427643066	501,1963103
4147703	3,20E-08	8,695489379	2,228776421	400,2123434
4147704	3,09E-08	7,625136141	2,207416329	452,2688959
4147710	3,24E-08	7,684680085	2,04276829	446,1877423
4147715	2,86E-08	7,176396069	2,328537357	496,2169445
4147720	3,28E-08	9,68141587	2,811519645	382,252084
4147721	3,31E-08	9,414363573	2,696397578	430,9239623
4147725	3,16E-08	8,337496912	2,434490479	485,96424
4147726	3,30E-08	8,361994038	2,11953545	533,374333
4147810	3,43E-08	12,70044953	0,122082151	19,43635171
4147900	3,24E-08	11,30140024	2,349504579	388,099425
4147901	3,30E-08	10,52510422	3,397667322	549,4587371
4147902	3,37E-08	10,31339659	3,546535618	586,2592357
4147903	3,43E-08	10,26207421	4,233578121	659,9424583
4147904	3,24E-08	11,30135921	2,349520192	388,1051272
4147905	3,30E-08	11,58238154	1,056419353	194,740028
4147907	3,19E-08	11,74614154	2,599921545	499,8709536
4147950	3,34E-08	13,10221028	1,510051016	205,0812569
4148050	3,31E-08	12,61138454	2,619165837	399,8304015
4148051	3,30E-08	12,50378333	2,786953139	424,7845387
4148060	3,43E-08	14,07326067	0,504175213	121,7454189
4148070	3,48E-08	14,39406968	0,321957139	72,56249714
4148090	3,45E-08	13,68306349	1,04347566	250,5157649
4148091	3,38E-08	13,31683439	1,557259962	324,5318639
4148092	3,40E-08	12,96413545	1,960153449	390,6647158
4148110	3,53E-08	14,44751536	0,343278202	80,2336094

4148121	3,62E-08	15,1457397	0,376738503	90,86217439
4148122	3,47E-08	14,62881911	0,4919803	132,9666201
4148125	3,73E-08	15,12909851	0,219931944	46,62773855
4148210	3,60E-08	14,82139598	0,470376231	170,3104061
4148230	3,57E-08	14,72024943	0,467933877	171,2424576
4148231	3,59E-08	14,94915304	0,451132554	144,8583946
4148232	3,61E-08	15,07097373	0,428032615	134,9704353
4148310	3,71E-08	16,29526659	0,148631625	58,5649841
4148321	3,60E-08	13,25231554	1,682823213	401,8131446
4148325	3,53E-08	15,54070749	0,452899312	186,8886551
4148535	3,72E-08	15,90652037	0,714551299	213,0952962
4148546	3,74E-08	14,19003676	1,507953994	387,1199135
4148570	3,76E-08	17,28244763	0,314661674	82,93729766
4148610	3,51E-08	17,39556592	0,334861912	95,74952557
4148655	3,82E-08	16,16775048	0,639689298	221,7507463
4148720	3,64E-08	17,26209151	0,445180567	141,4132588
4148750	3,82E-08	18,33705801	0,157762886	57,52319503
4148852	4,28E-08	22,1691707	0,071364689	14,52836471
4148855	4,18E-08	20,91444255	0,196802593	31,87176597
4148950	4,30E-08	22,60996745	0,082649825	26,09738079
4149110	4,78E-08	18,44635558	0,325655735	106,4744793
4149120	4,49E-08	17,59162321	0,390258181	120,3867476
4149121	4,43E-08	17,37249479	0,372260008	128,7934532
4149122	4,37E-08	17,11110879	0,347473917	136,6847304
4149123	4,35E-08	16,91292352	0,371844073	149,0134557
4149300	4,51E-08	17,84348224	0,413851105	100,1619779
4149301	4,56E-08	18,00100923	0,404816884	94,09517992
4149310	5,07E-08	18,89668969	0,523555101	58,54989035
4149350	4,44E-08	17,66434053	0,440693639	107,2212259
4149355	4,43E-08	17,34292962	0,422604626	136,0336306
4149360	4,53E-08	17,92143333	0,397467664	99,79483938
4149405	4,21E-08	15,82887662	0,793768374	325,6798552
4149410	4,30E-08	16,5440347	0,55916766	129,409768
4149413	4,31E-08	16,72647916	0,546066956	120,0593767
4149415	4,36E-08	16,01451388	1,016206296	240,4966195
4149420	4,70E-08	18,30367357	0,449275316	101,6974384
4149440	4,29E-08	15,59793668	1,177782093	273,4191889
4149441	4,24E-08	14,97753087	1,341707761	342,6639027
4149510	4,86E-08	18,61865665	0,371814867	81,45405702
4149610	4,47E-08	18,78376612	0,244037692	52,26710799
4149630	4,07E-08	17,31345361	0,512166254	175,6377897
4149631	4,08E-08	17,35027216	0,5092165	173,0616489
4149670	4,18E-08	15,68156111	0,873566392	336,6250268
4149682	3,83E-08	16,91251074	0,52301268	245,6458435
4149690	4,56E-08	18,41077379	0,417805483	87,0196341
4149691	4,50E-08	18,28200089	0,444015091	98,79029908
4149710	4,38E-08	18,43066057	0,275128638	83,17985112
4149780	4,10E-08	18,95795021	0,152585593	61,20401178
4149810	4,28E-08	20,18691781	0,120835597	39,93267989
4149850	4,25E-08	21,45135911	0,17759304	32,05010803

4149851	4,25E-08	21,39781002	0,179904521	31,41314496
4149910	3,92E-08	22,2292498	0,196902787	40,89997802
4149950	4,11E-08	22,12019248	0,159605171	37,94901358
4150250	2,68E-08	17,69667988	0,777973875	331,3107441
4150280	1,79E-08	21,29932826	0,472896676	241,2373514
4150281	1,76E-08	21,30207756	0,478591506	252,09443
4150282	1,66E-08	21,48508381	0,465470577	268,0026486
4150300	2,57E-08	20,40956361	0,329718865	128,9111852
4150310	2,54E-08	19,586324	0,59072154	268,8493812
4150311	2,16E-08	18,61638915	0,914638795	544,3558576
4150315	2,58E-08	19,18169887	0,719446121	297,4370997
4150320	2,63E-08	20,40509343	0,306982693	111,2139864
4150330	2,34E-08	20,09185445	0,59398619	251,2004013
4150331	2,24E-08	19,955377	0,724315379	317,488629
4150400	3,20E-08	20,26724059	0,425981925	98,3588817
4150410	2,89E-08	20,57749081	0,27981914	80,91709984
4150450	1,73E-08	17,64795624	0,479642256	678,9559546
4150451	1,64E-08	17,4593782	0,487118411	721,6850412
4150460	1,83E-08	18,19728584	0,734028331	594,9337782
4150461	1,76E-08	18,21924473	0,725173125	634,107353
4150462	1,67E-08	18,28836336	0,657762055	672,1284929
4150465	1,83E-08	17,90112448	0,523644476	603,5315537
4150471	1,29E-08	17,65967055	0,384916507	791,7131308
4150475	1,43E-08	17,68762015	0,490686275	727,8493725
4150500	2,28E-08	17,56421902	0,449918803	475,353859
4150501	1,92E-08	16,64478654	0,449339202	660,3145621
4150502	1,76E-08	16,38759927	0,397296968	743,0808842
4150503	1,58E-08	15,76576837	0,358161483	885,8576652
4150505	1,89E-08	17,40469232	0,458494505	564,8506851
4150507	1,57E-08	15,4933512	0,360742335	929,8039686
4150510	2,62E-08	17,91105618	0,620126425	350,3875036
4150515	2,37E-08	17,36301738	0,727991703	404,5574453
4150585	1,70E-08	20,85335659	0,687722061	346,6094304
4150600	3,17E-08	18,15523073	0,393490024	172,8717004
4150605	2,99E-08	17,59668125	0,411515234	238,7243939
4150680	3,92E-08	18,43245743	0,469650501	107,1548786
4150681	3,74E-08	18,37200687	0,471699268	116,1720289
4150682	3,51E-08	17,79961372	0,512653805	145,9452232
4150700	4,02E-08	18,18528623	0,352265758	104,0610747
4150800	4,63E-08	18,96956839	0,227175775	61,49512774
4150850	4,73E-08	19,14784579	0,151629726	28,80195811
4151300	1,11E-08	16,50093154	1,152028374	1268,341711
4151400	1,43E-08	11,59951444	2,832366517	2013,802944
4151410	1,40E-08	12,67688314	1,951274086	2008,345797
4151420	1,37E-08	10,26306041	2,085751942	1998,417673
4151421	1,50E-08	8,439227862	4,950648492	2656,788732
4151511	1,22E-08	12,95853838	1,239724435	1599,410869
4151513	1,28E-08	11,06163965	1,755002136	1884,054969
4151514	1,28E-08	10,81488043	1,855009516	1934,974853
4151515	1,17E-08	15,110467	1,063896324	1356,720367

4151600	1,20E-08	9,665502362	1,877345191	2055,396657
4151610	1,12E-08	8,930421065	2,091732152	2257,858278
4151650	1,55E-08	6,094824909	3,286279126	2431,025383
4151651	1,64E-08	5,093426384	3,406528709	2607,1389
4151801	1,24E-08	7,721983347	2,768234844	2272,345261
4151802	1,29E-08	4,74889722	3,52863458	2639,509706
4151803	1,20E-08	3,898912263	3,620679698	2744,995973
4151805	1,71E-08	-0,527026782	6,411661364	3231,660051
4152050	1,03E-08	10,88831061	2,775228339	1722,537728
4152103	1,04E-08	8,186037479	2,976239162	2007,732135
4152110	8,14E-09	11,11088437	2,933347216	1558,597319
4152120	9,61E-09	15,99303645	2,781114725	1210,595074
4152200	1,26E-08	10,96778631	3,030665441	2101,1717
4152201	1,29E-08	10,1948113	2,967270035	2271,183345
4152202	1,09E-08	16,78416348	2,356149985	1158,213904
4152300	1,35E-08	12,47989613	3,174153043	1887,203741
4152301	1,30E-08	11,81842689	2,768058679	2065,464054
4152400	1,36E-08	13,34190364	2,563374795	1653,881642
4152450	1,11E-08	6,409669563	3,306505589	2160,342882
4152460	1,48E-08	4,143517769	5,116153559	2515,998122
4152465	8,99E-09	10,95171974	1,286028639	1922,222871
4152466	9,41E-09	10,46537536	1,354307807	2075,268458
4152500	1,37E-08	15,37999119	1,777542785	1532,646501
4152550	1,09E-08	4,700827056	2,782263873	2202,367117
4152551	1,06E-08	4,040601119	2,384059916	2243,82133
4152552	9,64E-09	3,718785804	1,959191372	2274,63273
4152553	1,09E-08	2,625976623	2,863166964	2481,40466
4152560	9,42E-09	4,164515203	1,124068146	2191,180238
4152570	1,00E-08	3,860928603	1,847908981	2255,873475
4152580	1,12E-08	4,809358729	1,963045303	2152,80431
4152590	1,26E-08	5,615597291	3,453293534	2179,047598
4152600	1,05E-08	9,299484257	2,430870397	2021,440238
4152602	1,37E-08	6,964139098	3,721023387	2352,68002
4152610	1,42E-08	4,057304058	4,124380002	2405,194982
4152620	7,63E-09	7,738081906	3,097605446	2027,515936
4152651	1,66E-08	0,758546914	5,652508061	3015,157928
4152652	1,76E-08	0,453572705	6,340328407	3118,005099
4152660	1,44E-08	6,96272049	4,485495301	2346,728207
4152700	1,51E-08	3,087403484	3,55900208	2366,846013
4152800	1,05E-08	11,3843282	3,449588963	1579,042322
4152900	1,26E-08	9,589367087	3,988078689	2082,781777
4185151	6,70E-08	23,15986176	4,780826255	474,5812927
4185300	6,46E-08	23,91458323	3,149173627	216,2642202
4185350	6,26E-08	24,19622674	2,96226172	203,8339895
4185450	5,95E-08	22,9975944	5,700541647	404,7361319
4185600	5,70E-08	22,94252777	4,585746466	425,600321
4185650	5,70E-08	22,94252777	1,86648232	170,7988646
4202110	9,29E-09	-3,951749217	3,942134759	1216,144975
4203070	6,29E-09	-7,947305128	1,096249364	629,4001555
4203152	6,42E-09	-6,313323325	4,405906328	1067,206411

4203160	6,53E-09	-7,056539885	5,114250856	1193,383512
4203210	5,02E-09	-6,845852263	3,915401343	1015,076476
4203250	8,68E-09	-3,712279935	3,930465465	1117,968934
4203500	7,68E-09	-5,066509989	3,61897602	1130,528083
4203510	8,98E-09	-5,612046516	3,301949518	1168,829627
4203535	9,82E-09	-7,248665078	5,287292561	1427,763051
4203750	1,18E-08	-2,740476044	8,402109487	1446,193867
4203790	1,24E-08	-3,599115673	5,202019516	1277,785827
4203850	1,30E-08	-1,774563016	4,680340509	1110,105947
4203860	1,43E-08	-2,352995617	8,233638182	1228,422998
4203901	1,22E-08	-2,00452749	5,710302255	1137,762918
4203910	1,35E-08	-2,783565275	6,147607091	1305,14946
4204010	2,65E-08	0,289467243	9,144336072	1224,541733
4204100	1,48E-08	-1,809653121	5,436018208	1364,421851
4206100	2,57E-08	1,433718141	8,08116145	1086,601958
4206210	6,26E-08	3,905473989	15,5819849	852,7713415
4206250	1,87E-08	1,212934256	6,202007283	1118,169687
4206300	6,05E-08	7,151402826	3,652343725	222,4997289
4206500	3,52E-08	1,556843832	8,462661427	1474,763525
4206650	3,12E-08	1,73230802	11,79839304	1637,397252
4206840	8,33E-08	5,500600131	11,57836334	874,8515346
4206880	7,27E-08	8,108540056	7,341079311	543,8399021
4206890	4,85E-08	9,015055847	4,601901287	468,9413233
4206920	1,53E-08	-0,620081971	7,7420022	1313,791918
4206950	5,15E-08	3,535967679	12,9707106	1387,530007
4207100	1,89E-08	2,568077907	3,077491365	967,0578254
4207150	1,53E-08	1,790791267	3,1385859	968,8151045
4207160	2,12E-08	2,622859684	3,26195747	1043,087462
4207180	1,88E-08	2,36615673	3,069922881	1002,683119
4207190	2,51E-08	1,739197985	6,807827459	1277,977689
4207200	2,49E-08	2,627899108	3,912626761	1115,07183
4207220	1,88E-08	2,670831837	0,959536373	847,0267602
4207250	1,48E-08	2,31764184	1,909554778	1159,970429
4207300	2,28E-08	1,138245843	6,166508755	1634,065648
4207305	1,75E-08	1,816629677	3,413042085	1398,571718
4207310	2,06E-08	2,372130847	4,259234187	1116,010589
4207320	2,50E-08	2,850031277	6,742239517	1266,29721
4207321	2,62E-08	2,736859514	7,182376708	1290,457602
4207330	2,36E-08	3,228031112	5,342827677	1459,148525
4207350	2,55E-08	2,020395715	9,398446198	1781,51307
4207380	2,70E-08	-0,350051679	10,1172561	1904,648324
4207610	3,05E-08	0,239408953	13,92730972	1930,633711
4207710	2,77E-08	2,719088648	8,516455277	1621,60522
4207750	3,84E-08	1,168830496	12,87289824	1532,850809
4207800	2,38E-08	3,402102413	6,7088265	1250,479893
4207810	1,58E-08	4,045390237	4,336116187	1261,988997
4207820	1,90E-08	4,128194427	2,682945019	1254,350754
4207830	2,74E-08	2,403003465	7,446684148	1364,814965
4207850	3,24E-08	2,398419512	9,828555014	1255,871856
4207860	3,06E-08	3,692162671	8,704652103	1192,175715

4207880	4,05E-08	2,75522097	12,31427942	1367,605351
4207900	2,11E-08	2,667162171	5,14775501	1197,853926
4207910	4,83E-08	5,910958557	12,6357714	1161,630828
4207950	1,87E-08	2,89952774	2,332394428	1652,418216
4208005	1,28E-08	-2,417858299	1,584451799	643,016789
4208040	6,13E-09	-7,95429772	3,679593139	903,0742306
4208041	5,02E-09	-7,983744993	3,465408049	1039,810977
4208042	4,39E-09	-7,9813645	2,371258943	1044,891355
4208065	7,18E-09	-7,791342554	3,297558889	773,2597605
4208130	1,32E-08	-0,433855402	0,920923166	808,3275119
4208150	1,20E-08	-3,31083717	1,53200726	610,1388643
4208168	7,61E-09	-7,59957912	0,381252739	326,0822584
4208221	1,37E-08	-6,927542141	5,857330004	1495,191618
4208225	1,45E-08	-4,983775468	4,263342678	1266,455808
4208267	1,56E-08	-3,481451325	5,62133828	1381,614461
4208270	1,37E-08	-3,291928613	4,408876189	1194,646296
4208275	1,29E-08	-4,062008734	3,522477687	1199,666195
4208280	1,41E-08	-2,288507328	3,537830353	996,2158037
4208287	1,40E-08	-1,099916649	2,481071468	726,7095376
4208289	1,48E-08	-2,259901991	7,434718657	1362,72617
4208290	1,32E-08	-4,809692157	3,861291275	1247,212482
4208325	1,50E-08	-2,885887	9,27112145	1578,910557
4208335	1,17E-08	-2,81851546	0,433133959	504,5494775
4208357	8,16E-09	-7,696139027	0,1970303	398,6751186
4208360	1,61E-08	-1,187326035	5,22869123	1100,368021
4208365	1,44E-08	-0,095139086	1,625394422	730,5219053
4208370	8,84E-09	-6,611643236	0,253521968	359,8735306
4208371	8,83E-09	-6,641520956	0,254279003	361,9628094
4208397	1,34E-08	-0,052547468	0,484699613	596,0324419
4208399	1,72E-08	-1,61880886	5,943533369	1433,96151
4208400	1,47E-08	-0,267963333	1,709836739	718,9015619
4208410	8,30E-09	-8,695370807	0,239376711	438,9498415
4208440	1,23E-08	-1,133206088	0,435998352	494,3205686
4208450	1,54E-08	0,40901635	2,631269863	878,1558602
4208456	1,74E-08	0,112451303	4,868895051	1143,648233
4208457	1,78E-08	-0,033764971	5,653144919	1211,974586
4208461	1,32E-08	-0,734176051	0,71389536	694,2739027
4208530	1,55E-08	1,309546899	1,211977529	829,1208988
4208549	1,92E-08	1,65830555	2,037596861	1108,805755
4208550	1,72E-08	-0,414565457	6,125381822	1266,614591
4208561	1,77E-08	0,415466222	4,283982347	1141,084352
4208562	1,78E-08	-0,223605543	5,0757877	1282,599701
4208565	1,46E-08	0,552857334	0,848907835	804,5584507
4208570	2,20E-08	0,920354987	5,447538488	1151,037436
4208575	1,42E-08	1,081346057	0,598754768	773,408
4208580	1,77E-08	1,659486632	1,712497777	912,1636197
4208585	1,52E-08	1,568374574	1,206301325	791,6755638
4208590	2,44E-08	1,197019958	6,311242311	1135,237931
4208596	1,88E-08	1,473607082	2,878964016	1094,850335
4208630	1,70E-08	0,674305565	3,784398044	1059,210516

4208640	1,75E-08	1,789592171	2,385090097	1025,701864
4208645	1,66E-08	2,405381486	0,818627387	855,7291119
4208650	1,34E-08	1,149190596	0,385077546	668,0881699
4208730	1,62E-08	0,86122763	1,384029429	814,8576512
4208734	2,61E-08	-0,558185348	8,941899021	1912,324573
4208770	1,65E-08	0,984071697	1,763509283	926,2897178
4208780	1,57E-08	1,776028509	0,846291962	798,201309
4208793	1,53E-08	1,330308538	0,857723685	735,085697
4208798	1,48E-08	1,166319941	0,882160342	730,0345365
4208810	1,71E-08	2,702079562	0,985090371	848,9895458
4208821	1,34E-08	0,72620627	0,497568109	615,5129612
4208857	1,47E-08	0,857865589	0,43189678	638,0710487
4208870	1,79E-08	1,420828118	2,105745655	1025,027754
4208880	1,38E-08	-0,445265358	0,517099116	532,3611823
4208881	1,36E-08	-0,976306105	0,553485179	498,8255837
4208920	2,99E-08	-0,875449415	10,1286022	2018,207524
4208921	2,68E-08	-0,447837445	8,311290996	1894,979404
4208940	2,00E-08	1,349074177	2,520310938	1405,830727
4208950	1,79E-08	2,029082569	0,659528647	1018,635726
4208960	1,83E-08	2,136327197	0,888770967	1038,755463
4208962	1,67E-08	2,365248914	0,618096864	827,0813105
4208971	1,36E-08	-3,504917774	0,41541917	429,625399
4208987	1,29E-08	-2,333286459	0,385587284	469,7993244
4209150	6,06E-09	-8,94822761	0,506416466	255,1889504
4209500	5,91E-09	-10,82899144	0,68415429	413,8389913
4209600	6,67E-09	-11,95148012	0,171317822	250,7688124
4209650	4,22E-09	-13,75883571	0,26879785	46,24132223
4209805	7,23E-09	-11,39654958	0,156573919	242,5163248
4213011	2,10E-08	1,043446328	9,307610272	1833,872408
4213025	1,69E-08	-4,253720476	0,377842514	166,371114
4213030	3,34E-08	-2,041298051	11,46144986	2174,295183
4213031	2,14E-08	0,809992253	3,699433808	1403,074341
4213041	2,29E-08	-0,825135983	7,078366901	1871,432273
4213045	2,79E-08	-2,269045249	9,266668813	2134,721868
4213046	2,54E-08	-1,938034072	9,24742617	2074,535465
4213047	1,72E-08	1,804405944	3,391286383	1382,173659
4213050	1,86E-08	1,396207119	1,644054766	1266,504368
4213055	1,35E-08	4,252962637	0,582276829	1052,415093
4213070	2,12E-08	-0,8436137	6,296225222	1949,846777
4213071	1,93E-08	0,390958408	4,360424947	1678,187722
4213080	2,21E-08	-0,935833359	5,508906626	2020,223782
4213095	2,34E-08	1,783609491	6,498687113	1707,943965
4213101	2,06E-08	1,762352599	4,759295941	1640,108156
4213102	1,77E-08	3,438101351	3,085565427	1377,176281
4213103	1,54E-08	4,055048559	2,034674008	1196,862199
4213105	2,24E-08	1,957025542	9,708985385	1828,43609
4213110	1,77E-08	1,930220231	6,953196294	1743,877489
4213111	1,57E-08	3,872252986	3,04521348	1376,603561
4213120	1,91E-08	3,63005478	2,212415666	1452,726129
4213131	2,02E-08	0,62116278	4,033095781	1658,258838

4213134	1,88E-08	1,131509112	3,334047729	1540,361001
4213140	1,18E-08	3,711652218	0,370839595	622,7690661
4213141	1,32E-08	2,772631663	0,278669983	654,3505304
4213150	1,56E-08	2,895167944	1,002834217	1183,468354
4213160	1,61E-08	2,808628597	0,690995112	938,1136696
4213170	1,57E-08	3,133926888	0,418574583	727,1157658
4213171	2,36E-08	1,288483963	0,498501297	404,4346656
4213172	1,94E-08	2,261068948	0,612249996	382,0333333
4213180	1,55E-08	2,890991249	0,681737604	879,7858939
4213191	1,66E-08	3,235181876	0,244991521	495,2550428
4213193	1,65E-08	3,157156715	0,280343541	484,2639099
4213200	1,17E-08	2,745741525	0,192637443	550,9959808
4213201	1,19E-08	3,188499711	0,280590977	587,3310802
4213202	1,25E-08	2,948586576	0,310319742	588,7151503
4213210	2,33E-08	2,511999759	0,519043495	426,3157219
4213211	2,29E-08	2,825048989	0,448337224	418,5454714
4213241	1,51E-08	2,165229954	0,378259603	425,2245672
4213250	1,59E-08	3,148643598	2,544458135	1256,753744
4213275	1,40E-08	3,107080272	0,159616271	572,9526548
4213286	1,49E-08	-2,118151683	0,427139455	511,4920462
4213300	1,75E-08	1,586265635	2,023918264	1023,04149
4213340	1,21E-08	3,773193768	0,599180164	973,8680752
4213375	2,32E-08	-0,10669983	4,56162753	1674,79077
4213400	1,40E-08	3,265103648	1,558708998	1036,198123
4213410	1,55E-08	-1,650956218	0,348086636	278,1191938
4213415	2,06E-08	1,585129896	0,465700832	396,3137543
4213435	1,60E-08	1,610646087	0,128702786	254,0944898
4213440	1,50E-08	1,932137104	1,196760085	826,2020645
4213485	1,63E-08	3,090340345	0,056430585	251,0555764
4213495	1,22E-08	4,024015216	0,3260508	645,2333897
4213510	1,38E-08	1,022433724	0,35626526	433,1062268
4213531	1,53E-08	0,646206531	0,455927426	531,5422599
4213540	1,59E-08	0,738405291	0,611247662	633,7532605
4213550	1,44E-08	2,123825261	1,125894769	806,841783
4213551	1,44E-08	2,027649023	1,073978283	778,3852218
4213552	1,44E-08	2,538802051	1,322850574	907,8801435
4213557	1,52E-08	1,285168157	0,487484864	625,859697
4213562	1,58E-08	2,462717314	1,300321127	1084,86777
4213563	1,80E-08	1,822531011	1,987285756	1297,036629
4213566	1,43E-08	0,755476311	0,317796499	518,8529974
4213570	1,34E-08	2,344851421	0,307665797	568,009281
4213571	1,44E-08	1,310405693	0,175385811	539,4253287
4213573	1,37E-08	2,81870885	0,275136602	558,0585625
4213574	1,33E-08	2,403763067	0,30104141	571,5537989
4213576	1,47E-08	1,265194115	0,263806447	545,9461926
4213590	1,40E-08	3,454275352	0,229864606	559,7937971
4213593	1,28E-08	3,419777846	0,215147314	615,340867
4213594	1,38E-08	3,647285099	0,241671902	568,3103032
4213601	1,54E-08	-1,158504503	0,230427329	254,9090682
4213603	1,53E-08	1,047061288	0,354059408	407,0728848

4213605	1,68E-08	3,329906315	0,13908643	496,9663961
4213610	1,55E-08	3,285395677	0,097940404	383,6345358
4213640	3,35E-08	-1,711067849	10,52924657	2249,299896
4213650	1,38E-08	2,820563593	0,274547403	555,1116443
4213675	1,59E-08	1,662431914	0,468827593	432,0368337
4213680	1,75E-08	4,5082979	0,180605869	367,4318066
4213683	1,74E-08	4,33312457	0,175119141	359,4337684
4213690	1,75E-08	2,857927285	0,115558165	329,8687195
4213700	1,59E-08	-1,790437535	0,284314606	239,5407438
4213715	1,71E-08	-3,559847436	0,144893209	163,0437158
4213720	1,61E-08	2,180743823	0,554098558	528,8853995
4213730	1,70E-08	-0,232640605	0,109755192	250,0062256
4213765	1,85E-08	1,597639635	1,736152312	1256,31872
4213770	1,70E-08	2,519774668	0,13463659	286,9549625
4213780	1,77E-08	2,532730997	0,120860862	330,3644119
4213790	1,69E-08	2,82515849	0,269379326	355,7691797
4213800	2,20E-08	2,397398903	0,447803695	396,3025632
4213820	3,04E-08	-2,770201609	8,589421118	2268,789635
4213835	2,26E-08	-0,543189643	4,629666447	1809,051002
4213850	2,18E-08	2,169276875	0,656098955	384,0976611
4213880	2,28E-08	2,297832658	0,546113568	422,2042022
4213890	2,43E-08	2,505866093	0,578264765	458,4636766
4213905	2,40E-08	1,7154184	0,4118976	456,4299591
4213910	2,35E-08	1,53186668	0,42902432	450,1630859
4213920	3,31E-08	-1,89272323	10,62355885	2406,423913
4213925	2,40E-08	-1,821095454	10,03731233	2085,711407
4213945	2,17E-08	1,338923139	0,367192107	409,7405167
4213955	2,22E-08	2,228949065	0,472032076	409,3973701
4213956	2,19E-08	2,349816251	0,504720578	396,0148357
4214010	9,78E-09	-8,433996517	0,183648876	308,5367081
4214040	2,47E-08	-4,540737014	0,957650796	493,1836916
4214050	8,79E-09	-9,292645282	0,192988109	284,965089
4214080	2,18E-08	-0,575671978	0,196059246	276,1449176
4214090	9,78E-09	-8,98274402	0,219169012	256,5801321
4214091	1,17E-08	-6,738874589	0,222783319	367,1836417
4214105	1,33E-08	-5,741261772	0,332966756	310,9804531
4214210	1,37E-08	1,228019358	0,506775018	625,5669289
4214260	1,45E-08	-0,938938344	0,433492889	461,9087348
4214261	1,46E-08	-1,368347993	0,425786144	434,1904708
4214263	1,44E-08	-0,909413939	0,428391572	472,9377181
4214264	1,38E-08	0,280282124	0,428024326	519,5682579
4214265	1,34E-08	0,675426689	0,380140292	542,3524454
4214275	1,68E-08	-4,092849516	0,287472929	237,4200239
4214280	1,60E-08	-5,205763745	0,273943904	237,0195138
4214287	1,56E-08	-1,900794669	0,5459643	445,0051197
4214290	1,45E-08	-1,200436462	0,527946484	530,1881201
4214295	1,38E-08	0,168460762	0,44354073	589,8992772
4214298	1,36E-08	0,716839121	0,308838113	476,8684221
4214300	1,33E-08	1,025559785	0,426107492	592,0147564
4214380	2,13E-08	0,178433243	0,40504722	341,6480318

4214390	2,07E-08	-0,161915149	0,297795809	323,9051745
4214400	2,27E-08	0,725392399	0,265133532	410,7256588
4214410	2,39E-08	0,992218757	0,338741232	482,3125156
4214420	2,30E-08	-0,190182496	0,249582947	376,836739
4214430	2,29E-08	-0,577362108	0,211157514	324,1646251
4214450	2,05E-08	-1,304892619	0,18373964	228,0791004
4214470	2,05E-08	-1,27607419	0,206743071	237,527052
4214475	1,83E-08	-2,222204172	0,059021014	118,1250564
4214500	2,22E-08	0,848182733	0,411950771	331,7813306
4214505	2,20E-08	0,721282674	0,586916093	298,150764
4214507	2,36E-08	0,228100756	0,379414029	408,4509459
4214520	2,20E-08	0,169851546	0,280664028	287,7185499
4214530	2,68E-08	1,105876003	0,435199731	332,3281512
4214551	2,55E-08	1,303440369	0,330675039	286,5006209
4214560	2,33E-08	0,119363682	0,184289404	200,3226485
4214565	2,09E-08	-0,100995083	0,069684128	96,75489196
4214610	2,79E-08	1,549171591	0,377585186	320,6835226
4214621	2,86E-08	0,842653062	0,458726596	355,4186287
4214655	2,71E-08	0,368809292	0,503012131	357,6308911
4214670	2,59E-08	-0,304614167	0,616029003	343,2689787
4214701	2,75E-08	-3,232466412	0,792561048	498,0722774
4214801	2,21E-08	-4,525255777	0,608259378	382,0039367
4214900	2,24E-08	-5,107744527	0,720967404	384,836306
4215011	2,32E-08	3,187103538	5,093603727	1350,164109
4215040	2,14E-08	2,258786552	7,521339088	1832,402302
4215050	2,37E-08	2,666732064	5,455187934	1416,720856
4215051	2,85E-08	2,098962323	6,434067409	1569,901375
4215070	1,93E-08	3,660111237	7,118352232	1406,759305
4215090	1,86E-08	3,371389008	3,853302318	1693,024619
4215100	1,83E-08	4,082116183	5,24764032	1084,22667
4215101	1,85E-08	4,063593975	5,301439351	1093,958152
4215102	1,86E-08	4,149049484	5,272724614	1090,308906
4215103	1,88E-08	4,241030405	5,193794967	1082,627516
4215120	2,31E-08	3,277116574	4,394644047	1380,040421
4215125	2,96E-08	3,310669705	6,813512647	1374,923817
4215130	2,69E-08	2,540521657	4,494763701	1383,857008
4215150	3,81E-08	2,88325288	5,786072621	1418,910991
4215160	3,96E-08	3,14023938	10,92579393	1627,444537
4215165	4,48E-08	2,716611099	12,9762784	1263,43771
4215180	2,45E-08	3,548638231	5,717359091	1295,048126
4215200	3,28E-08	1,433478975	9,933193687	1581,293829
4215210	2,63E-08	2,880293295	8,283471902	1541,268302
4215230	3,71E-08	3,729592261	8,970838257	1448,246803
4215260	4,02E-08	2,505929409	11,53552221	1546,763008
4215270	4,00E-08	2,11170011	12,16921933	1738,978914
4215300	3,55E-08	3,020492012	7,829561672	1478,678883
4215330	3,78E-08	3,54001963	9,355112451	1412,911765
4215335	4,05E-08	2,334472275	12,13790164	1565,263291
4215340	2,37E-08	3,28221764	6,740072561	1465,83435
4215426	4,09E-08	0,944540275	12,76728427	1738,749269

4215430	4,23E-08	1,783870112	12,31924217	1653,317126
4215440	3,46E-08	0,352028472	13,49972453	2143,742824
4215660	3,20E-08	-0,327493729	10,19416738	1767,575824
4215670	3,22E-08	-1,069391441	11,11430133	1916,783968
4215706	2,54E-08	0,325200836	9,30370659	1744,112935
4215710	2,24E-08	0,053326082	8,225844064	1854,889647
4215750	2,59E-08	-0,542058361	8,610537151	1775,64263
4215900	2,32E-08	2,369254129	6,59937206	1744,786277
4220100	1,08E-08	3,785888679	0,699309913	882,2457413
4220310	1,13E-08	3,858402795	0,627828163	828,7273467
4220501	1,23E-08	4,589625084	1,108508208	1318,737743
4231101	3,67E-08	4,705542947	0,938786842	162,1119297
4231200	3,32E-08	3,191204521	1,463905246	359,7512365
4231250	3,26E-08	2,764272066	2,129988819	351,5800712
4231500	3,91E-08	5,416972351	0,765696961	106,7280108
4231590	3,69E-08	4,801472092	0,928811511	166,3081358
4231602	3,36E-08	3,07823077	1,564157882	337,6855187
4231621	3,42E-08	2,826063931	1,799724757	365,5160202
4231650	3,91E-08	4,083139117	1,224369139	229,6837077
4231680	3,78E-08	4,844189957	0,555063291	118,4646146
4231700	4,19E-08	4,982524279	1,090342446	155,1485602
4231800	3,76E-08	4,829126568	0,44963643	84,89277549
4232030	2,21E-08	2,514623407	0,769340751	297,5050917
4232600	2,37E-08	1,25413416	0,912762995	364,6708867
4232700	2,37E-08	1,112906644	0,744366838	328,4440716
4232750	2,51E-08	1,135084052	0,806561173	402,8377979
4232800	3,07E-08	1,976644212	0,933358097	404,4981113
4232890	3,27E-08	2,749145436	0,88645189	457,0110478
4232900	3,21E-08	3,318734895	1,271390985	475,9873596
4234100	2,61E-08	4,560899692	0,899587996	336,011392
4234300	3,03E-08	6,143807675	0,374053413	262,1150585
4234400	2,76E-08	4,220306654	0,638752351	282,4767551
4234550	3,30E-08	4,340333176	1,014477891	401,7508337
4234600	3,35E-08	5,536975923	0,386615829	293,0342663
4234650	2,72E-08	6,326684832	0,704958378	316,9722624
4234670	3,24E-08	6,140170883	0,40377322	300,232841
4234680	3,06E-08	6,397071229	0,307972805	230,9608883
4234700	3,27E-08	6,246268104	0,349440844	354,6053348
4234701	3,18E-08	6,131477485	0,352256437	403,871932
4234720	3,22E-08	6,390908982	0,35410823	353,3527368
4234850	3,22E-08	7,164542547	0,203790275	296,7908135
4234900	3,13E-08	7,512098867	0,222832035	264,4088258
4235100	2,93E-08	6,635824766	0,322020807	382,6736855
4235101	2,90E-08	6,430738594	0,312734219	408,1470315
4235190	2,99E-08	8,260490585	0,15155259	237,2371752
4235200	3,10E-08	7,76302569	0,205254245	257,3370593
4235300	3,12E-08	7,480868636	0,235140288	291,5985269
4235301	3,18E-08	7,189704775	0,251311044	320,4672144
4235400	3,14E-08	7,755027257	0,223555666	260,8762834
4235490	3,05E-08	6,679857974	0,261715635	380,6862406

4235500	3,04E-08	6,916921249	0,336612583	355,7001111
4236050	2,72E-08	8,62238582	0,150761673	199,6385911
4236100	2,47E-08	6,990055528	0,424395033	233,9802236
4236300	2,48E-08	7,13826278	0,541060656	272,1137441
4236500	2,89E-08	7,017083301	1,092692461	231,9130435
4236700	2,96E-08	5,884618107	0,447772102	231,2586309
4243070	2,69E-08	4,798411952	1,045793612	246,5640582
4243141	3,24E-08	4,064252264	1,398324878	289,0982132
4243151	2,72E-08	5,476155967	0,507435302	268,6494472
4243160	3,16E-08	5,83394886	0,226028099	84,08179959
4243200	3,50E-08	3,334860992	2,963918968	588,3247232
4243210	3,38E-08	3,32906876	2,231006698	385,3147059
4243215	3,25E-08	3,533431344	1,726414025	382,7035663
4243240	3,39E-08	5,839681632	2,447892153	296,3183275
4243250	3,48E-08	5,248305511	0,154207553	51,29522431
4243280	3,65E-08	4,599146592	1,475990764	388,1191867
4243310	3,05E-08	1,785174926	1,424897204	385,9254727
4243330	4,42E-08	1,872815189	2,59857635	553,9218721
4243340	3,81E-08	3,984578713	1,991914161	342,878659
4243370	3,62E-08	3,370877966	1,716441801	404,1590292
4243450	3,43E-08	1,274317327	3,980482957	494,6484594
4243550	3,46E-08	2,432912331	1,439925946	293,5306795
4243800	2,93E-08	-2,264543017	1,947869135	576,7515919
4243910	2,91E-08	-2,217927951	2,082055156	608,0692548
4244450	2,59E-08	-4,008322265	1,386783443	454,3454403
4244500	2,72E-08	-3,485414656	0,794128806	511,0352516
4244501	2,64E-08	-4,014923215	0,628397968	528,2333838
4244720	3,66E-08	1,504382544	0,806081489	225,2149039
4244730	3,64E-08	2,52152566	0,931437179	311,80279
4244750	4,12E-08	2,781911725	1,777163252	322,9311295
4244760	3,94E-08	2,96949643	0,628575233	267,87028
4244770	4,10E-08	3,955407967	0,479392779	150,8015784
4244780	4,74E-08	4,021962273	0,58614977	191,2106578
4244785	5,14E-08	4,516361237	0,986879268	125,3913934
4244788	4,28E-08	4,104416801	0,467556363	168,5440599
4244792	4,60E-08	5,162861252	1,121522771	177,4166667
4244795	4,35E-08	4,927706525	0,589531095	84,63492847
4244840	3,33E-08	2,571088511	1,75330757	312,0225114
4244850	3,55E-08	2,317342752	1,806604795	346,3419272
4244870	3,58E-08	3,31559537	1,631475895	373,0129376
4244880	3,69E-08	3,873319345	1,09278587	228,7572033
4244900	3,36E-08	5,727683904	0,583642491	59,04828326
4244910	4,14E-08	5,591666794	1,924559695	169,6075314
4244915	4,62E-08	5,042718354	2,356844559	367,3597756
4244950	4,00E-08	5,471857213	1,091133902	184,9233038
4244960	4,50E-08	5,369368272	0,964875009	139,7977145
4244970	4,54E-08	6,13433342	0,837551991	127,0649547
4244985	4,34E-08	6,237544835	0,71472238	172,6280941
4244995	4,39E-08	6,723311921	0,432803761	111,6471292
4358110	1,85E-08	18,50965182	7,103402748	1395,735223

4997050	1,02E-07	21,03431709	8,175073909	1224,499494
5101020	5,74E-08	25,20284501	1,566225321	196,2728578
5101110	6,45E-08	21,1057785	6,70877786	510,3960684
5101118	6,28E-08	21,87911072	3,166921375	488,8004053
5101161	3,95E-08	21,39372425	1,990879666	613,590859
5101170	3,29E-08	22,96177341	3,508588156	200,3438202
5101180	3,37E-08	23,35705104	6,784410871	285,5433071
5101190	2,55E-08	23,09861145	2,245192735	239,2924037
5101200	2,02E-08	22,26620609	0,747443464	360,3126568
5101301	2,06E-08	20,62319432	0,997897172	282,7114017
5101307	1,97E-08	21,52176223	1,499041606	296,8077394
5101381	3,00E-08	19,43268959	2,385947073	236,8612151
5104223	1,81E-08	19,40368879	0,519309917	351,1156687
5104228	2,10E-08	17,04092385	0,896649951	497,3898386
5109150	1,57E-08	21,8923151	0,984668959	666,1675091
5109170	1,90E-08	23,97139707	0,880185973	461,943577
5202030	3,24E-08	18,27400903	3,311238356	255,892046
5202044	3,13E-08	15,7571092	3,510105586	679,0862794
5202070	3,19E-08	14,19064409	3,720235969	858,2354585
5202080	3,25E-08	14,72178017	4,669144717	618,9249483
5202110	3,01E-08	16,53966675	2,446947349	116,952919
5202150	2,63E-08	11,9278441	2,442015777	832,4425223
5202155	2,80E-08	14,23642532	1,275435568	648,9506173
5202160	2,80E-08	14,38176748	4,187386921	340,0801619
5202185	2,60E-08	11,73802807	2,135718185	1053,744722
5202226	2,36E-08	10,64247208	2,707649975	1062,631579
5204106	1,73E-08	15,03348584	1,057676475	380,6459355
5204120	2,52E-08	12,19239948	1,912116954	915,9927198
5302100	2,29E-08	12,05652096	3,24595528	490,4479527
5302229	2,59E-08	10,52229651	3,449179092	894,6350364
5302242	3,09E-08	10,04019944	5,960312911	796,9275996
5302400	1,91E-08	13,27334131	0,922850743	194,5802191
5304019	3,02E-08	10,2924366	5,004922167	1111,77886
5304030	3,24E-08	11,56893645	7,056682534	818,2104677
5304065	1,87E-08	13,27795449	1,037556322	375,2748191
5402100	1,67E-08	14,39363372	0,193367938	23,73657025
5402102	1,92E-08	13,7200524	0,191112236	73,81776323
5402103	1,92E-08	14,01179778	0,142825982	21,8381027
5402390	1,78E-08	13,74120931	0,204368293	115,5786984
5404265	1,33E-08	15,05242581	1,367011902	499,1808745
5405030	1,55E-08	15,26248337	1,469758817	418,9657303
5405035	1,64E-08	14,92455597	1,785077781	368,8636364
5405041	1,48E-08	15,42260055	1,926502847	346,2127006
5405046	1,61E-08	15,02251712	1,638352425	219,0267062
5405050	1,38E-08	15,3242425	1,194041872	301,18375
5405095	8,21E-09	17,65125427	1,666811274	378,317
5405130	1,68E-08	15,30691681	0,871441927	182,6211009
5410100	1,11E-08	22,50946386	0,264272693	226,6933894
5606010	1,45E-08	15,98083344	0,272189622	188,0945946
5606020	1,47E-08	15,0345409	0,619715774	256,9338342

5606030	1,91E-08	14,68947746	0,935821254	198,0435503
5606045	2,29E-08	14,2660553	0,917760986	199,2653061
5607010	1,27E-08	18,1821711	0,953843515	234,0389405
5607400	9,58E-09	23,71732238	0,900186325	449,2385863
5607410	9,82E-09	23,94518988	0,898272505	359,4670065
5607451	1,03E-08	24,56020355	0,402014545	634,9283497
5608024	2,15E-08	25,41270425	1,024371545	353,9955482
5608060	3,53E-08	26,16500626	0,725205447	326,0726991
5608100	3,04E-08	24,71512734	1,357280794	422,4585381
5608200	3,48E-08	26,02431224	0,6450918	371,493335
5608300	3,36E-08	26,15278937	1,358522881	297,4968284
5708110	1,96E-08	25,64589668	0,4752534	242,8280626
5708145	3,22E-08	25,95043499	0,546997972	186,3766438
5708157	4,92E-08	26,41903414	0,422407932	62,4370522
5708185	4,01E-08	25,70334068	0,607253946	116,8906093
5708190	4,44E-08	26,28772278	0,524377238	63,21686747
5708200	4,23E-08	25,75572205	1,007620557	282,7424125
5709100	2,72E-08	26,16548566	0,383425892	183,5346216
5710060	8,19E-09	20,48360195	0,590165605	723,7503678
5712090	1,77E-08	24,91858368	0,32102717	362,3820513
5712100	1,52E-08	24,66864159	0,706314011	422,3968475
5803030	1,90E-08	12,54279237	1,109485145	117,428167
5803200	2,59E-08	11,56244431	4,264459784	331,4363636
5863101	5,47E-08	14,01583405	3,969237704	247,6661238
5865300	4,82E-08	11,57362512	2,073569967	414,2353534
5865810	6,43E-08	11,72275009	1,673829244	501,4947368
5869401	9,69E-08	5,878702599	9,572377592	737,384709
5869501	1,09E-07	4,898667051	12,22377899	830,2845787
6123150	2,31E-08	11,87958298	0,481122718	46,95779817
6123700	2,38E-08	10,84772452	2,257800516	403,0037736
6125440	2,07E-08	13,11919403	2,320312207	480,3832685
6125540	2,44E-08	11,48116684	1,526857189	535,1103448
6128100	2,34E-08	11,23061891	4,584541198	755,8972857
6139220	3,37E-08	9,071235039	5,844973199	661,9742765
6139240	3,39E-08	8,904582977	4,238793732	475,3863014
6139360	2,83E-08	10,64584729	3,451532004	529,8667267
6139640	2,72E-08	11,03830566	0,910429094	277,5405405
6140250	1,95E-08	7,828056444	1,630052973	495,6888859
6140400	2,03E-08	8,013876587	1,564676942	467,8806359
6140401	2,02E-08	8,009917679	1,544903369	471,1109368
6140480	2,48E-08	7,953519497	1,926935163	444,3589202
6140700	2,50E-08	7,045963222	2,702674517	699,6185102
6142100	2,33E-08	7,139917524	3,050483393	559,3926272
6142110	1,85E-08	8,438921373	1,218603332	432,9168108
6142120	2,19E-08	7,786753016	1,987497286	404,6196825
6196020	1,48E-08	17,62656931	4,038598954	409,740605
6229100	2,79E-08	6,288719151	0,786586336	140,6919548
6229500	2,24E-08	4,527278395	1,162085492	258,1411441
6233100	2,45E-08	6,878830155	1,021141837	149,1007008
6233150	2,56E-08	6,91855545	0,587252294	163,7110215

6233170	2,40E-08	6,226182876	0,48628127	193,8458065
6233220	2,52E-08	-0,212305472	2,321361141	930,166043
6233221	2,15E-08	1,640388907	1,597715282	459,3851153
6233250	2,34E-08	7,064639015	0,40973949	123,2009043
6233300	2,01E-08	5,674972153	0,344592543	140,9020979
6233350	1,93E-08	6,429479777	0,353200723	181,2430638
6233400	1,71E-08	2,178020604	0,964041699	427,4943086
6233401	2,15E-08	1,602566667	1,889140761	503,5792828
6233410	1,90E-08	5,36846957	0,626325355	95,48624643
6233440	1,90E-08	6,071121732	0,439368987	73,42729295
6233450	2,92E-08	-0,306961326	3,701289963	793,3101564
6233500	4,23E-08	-0,99338035	3,560525498	737,1174153
6233550	1,97E-08	2,238278836	1,349137412	344,5131965
6233551	2,01E-08	1,677176298	1,618862287	437,7342562
6233600	1,74E-08	5,924305725	0,331618945	47,36134068
6233650	2,07E-08	0,769621031	1,946807865	469,7677483
6233680	2,34E-08	-1,931620086	2,797521277	710,6373354
6233690	1,99E-08	-0,597482217	1,693397154	489,7687846
6233700	1,99E-08	1,557310311	1,535754102	277,6320369
6233710	2,00E-08	-1,142405301	1,943418124	491,6352251
6233750	2,28E-08	-2,112566837	2,943683439	603,6382742
6233780	1,74E-08	-0,251699583	0,873639244	282,5490542
6233800	1,73E-08	0,406788532	1,009391109	244,0827236
6233850	1,70E-08	-0,991985235	1,747705248	417,5958245
6233870	1,76E-08	1,195661044	0,759626041	128,9373858
6233910	1,65E-08	-1,424542574	1,431381418	407,543556
6242401	3,24E-08	7,089164372	4,273624731	817,5655917
6246611	4,11E-08	5,069476572	8,255389544	1259,525501
6335020	2,92E-08	8,773732292	2,702035619	481,8216846
6335050	2,95E-08	8,730352774	2,825059887	504,3259422
6335060	2,95E-08	8,700007612	2,874683723	512,7998335
6335070	2,97E-08	8,674835384	2,915719204	520,9205802
6335100	3,10E-08	8,386701709	3,371111972	586,6792621
6335115	2,28E-08	9,491658535	1,889566891	351,813247
6335125	3,49E-08	8,048909819	3,996203533	599,5585559
6335150	3,14E-08	8,323422381	3,450885267	601,0674534
6335170	4,03E-08	7,775378443	5,141369516	814,7710664
6335180	3,63E-08	8,12048148	4,323327088	718,7092763
6335200	4,12E-08	7,647294544	5,344540359	845,6117577
6335240	2,01E-08	8,523378615	1,512310982	377,5907081
6335290	2,14E-08	8,766817078	1,517500506	409,7790833
6335300	2,04E-08	9,563399863	1,54457026	322,4111431
6335301	1,97E-08	8,386485427	1,379940355	403,6951101
6335302	2,00E-08	8,4427166	1,461920942	383,0678799
6335304	2,03E-08	8,627959701	1,542092017	360,6872053
6335350	2,33E-08	8,799706945	1,810884801	327,0773579
6335400	4,69E-08	6,691142966	6,718780671	1064,732108
6335500	1,98E-08	8,419192823	1,33825096	389,7517863
6335600	2,40E-08	9,023307614	1,692481362	448,0138606
6335601	2,57E-08	9,024824944	1,878659245	493,0427919

6335602	2,74E-08	8,755665076	1,936197301	552,9520528
6335800	1,94E-08	8,133852277	1,762797094	433,4412107
6336050	2,70E-08	9,626521794	1,560371648	341,9969852
6336500	2,70E-08	9,684290709	1,475710832	335,0287233
6336900	2,40E-08	9,912595501	1,265101468	302,8296341
6337100	2,30E-08	8,303977097	2,067127538	343,066588
6337200	2,21E-08	8,651898071	1,373495281	221,5220117
6337250	2,09E-08	8,864678318	0,886550576	139,0799264
6337400	2,25E-08	8,246069924	2,124468649	382,9081928
6337501	2,02E-08	9,011268707	0,491230763	99,95847151
6337502	1,98E-08	8,982496475	0,551400013	108,9377492
6337503	2,53E-08	8,310083008	2,440947019	557,8976684
6337504	2,53E-08	8,380571546	2,08460482	483,4126479
6337505	2,53E-08	8,371397048	2,048736523	462,9241826
6337506	2,30E-08	8,240762747	2,080830569	373,6832709
6337507	2,38E-08	8,311115079	1,946398413	375,5494915
6337508	2,29E-08	8,234379838	1,98288681	380,7011134
6337509	2,16E-08	8,521130732	1,668482945	232,243095
6337510	2,17E-08	8,618967392	1,4931971	204,6185546
6337511	2,08E-08	8,155866022	2,267749993	406,2246115
6337512	2,05E-08	8,13290277	2,249565937	420,8338565
6337513	2,09E-08	8,163343473	2,32342956	400,6361969
6337514	2,30E-08	8,257638556	2,082347797	360,9183176
6337515	2,30E-08	8,479104587	1,759654297	286,8803468
6337516	2,28E-08	8,25819924	2,088495932	370,5440376
6337517	2,30E-08	8,392180884	1,934840642	315,437166
6337518	2,30E-08	8,361961864	1,992065323	326,4759809
6337519	2,26E-08	8,24800298	2,148540759	378,2053829
6338100	2,35E-08	9,29319852	0,331939153	61,17263717
6338110	2,36E-08	9,367286891	0,315526852	70,83352853
6338120	2,39E-08	9,355630997	0,324053862	84,91127684
6338130	2,37E-08	9,366734963	0,3104629	78,13758755
6338800	2,44E-08	8,557464236	0,199298629	26,89813857
6340050	2,13E-08	9,062406509	0,418808741	70,85499651
6340110	1,87E-08	8,658603238	1,046242257	286,6400238
6340120	2,02E-08	8,035512954	1,572062938	463,7602356
6340130	1,97E-08	8,235327278	1,418219982	418,0467759
6340140	1,90E-08	8,37652767	1,341663841	377,6269127
6340150	1,87E-08	8,618098867	1,099086718	303,8449062
6340160	1,89E-08	8,418842719	1,300013388	365,306185
6340170	1,94E-08	8,291541541	1,384048428	409,654581
6340180	1,90E-08	8,389106646	1,329499149	374,3092387
6340190	2,00E-08	8,092760406	1,538014167	452,0396971
6340200	1,79E-08	8,551868005	1,46243648	283,0805712
6340300	1,79E-08	8,602650585	1,242563038	290,5963865
6340301	1,79E-08	8,499412996	1,352845663	321,6812735
6340501	1,75E-08	9,386412759	0,368826483	79,29251779
6340510	1,76E-08	9,359648104	0,374491502	83,04303901
6340600	1,84E-08	8,406686745	1,414540124	435,7426781
6340610	1,76E-08	9,362373181	0,463327269	114,3877906

6340611	1,75E-08	9,380887247	0,416172637	97,3045095
6340700	1,71E-08	9,349518364	0,495576508	154,9718641
6340800	1,94E-08	9,007134516	0,728848673	203,9695658
6341500	1,86E-08	8,935775538	0,464357066	60,06097002
6342200	4,86E-08	5,216722909	7,225289737	1171,180333
6342510	3,92E-08	6,475321352	4,823810506	1038,064736
6342520	2,15E-08	8,39954119	1,087303716	481,0137986
6342600	2,61E-08	8,092081689	1,840247633	618,247565
6342800	2,64E-08	8,059696133	2,041774949	625,9324629
6342900	3,22E-08	7,082436848	3,990450512	829,2675016
6342920	2,59E-08	8,115945782	1,795288182	606,1632231
6342925	2,90E-08	7,749063163	3,185017775	741,4844917
6342926	3,95E-08	5,639004794	10,10826046	1353,930838
6343100	4,90E-08	3,551493761	10,42765541	1660,237591
6343500	4,63E-08	4,624249769	9,673049011	1258,708942
6343900	4,36E-08	5,113313045	7,912491162	1246,375597
6357010	1,82E-08	8,532055825	0,574119104	172,056376
6357500	1,95E-08	8,452178753	0,887165802	237,371476
6357501	2,03E-08	8,83966584	0,965259847	218,3725986
6357502	2,42E-08	8,102541829	1,916970337	378,5491344
6401080	2,75E-08	1,259081584	2,795627532	668,4680335
6401090	3,12E-08	2,278810651	2,112292776	493,5283431
6401200	2,65E-08	1,360370318	1,765529965	761,6066955
6401500	4,89E-08	0,600259075	2,885674305	788,3198594
6401601	2,12E-08	2,048666573	2,944826972	525,3332483
6421500	3,06E-08	9,598657537	1,253254118	284,7269635
6435060	2,92E-08	8,774567337	2,700132615	481,4859365
6502120	3,38E-08	9,52816015	0,643867893	93,35874649
6502121	3,38E-08	9,517066163	0,659472147	98,7716522
6502151	3,36E-08	9,204769839	0,380346587	76,79877257
6502160	2,96E-08	9,154240561	0,509996854	86,67831412
6503180	3,64E-08	9,608693583	0,939749654	70,73581674
6503260	4,33E-08	9,456544197	1,670371651	124,9857238
6503290	3,25E-08	9,166436125	1,704904514	146,3100624
6503300	2,98E-08	9,072552358	1,026828347	135,3654808
6503351	2,77E-08	9,195632271	0,593816437	96,8305716
6503353	2,54E-08	9,278190102	0,420794443	92,12961177
6542100	2,62E-08	8,165442984	2,850269206	554,4049195
6544100	2,06E-08	8,535518114	2,187475924	376,749798
6545050	4,26E-08	8,439548251	5,251494118	617,0776612
6545190	4,99E-08	5,367247349	9,91910886	1162,958313
6545200	3,90E-08	9,189217391	3,269104527	351,1133743
6545300	3,87E-08	8,943832096	5,433409476	612,4516051
6545700	3,32E-08	7,166367077	6,89296933	1194,159391
6545800	3,19E-08	9,570294261	3,514626623	530,5339058
6546610	3,79E-08	6,25489153	6,400752903	1013,227422
6546802	4,35E-08	5,721050111	8,629235097	1188,765116
6547200	2,56E-08	8,961687064	3,337000612	867,423224
6547500	2,32E-08	9,636241887	3,540947928	628,092523
6549100	4,97E-08	4,805578908	10,04987327	835,8579976

6549180	4,99E-08	3,788444519	13,36396695	1249,211419
6603310	3,49E-08	8,367500305	1,777201401	141,1041022
6603320	3,18E-08	8,59832256	0,933789118	105,9636225
6603350	2,96E-08	8,771543498	1,459070562	143,603913
6604100	7,06E-08	7,119643103	5,698711975	309,5221554
6604190	1,09E-07	6,409777832	6,096288802	425,1163166
6604201	3,58E-08	7,916112822	1,676306989	277,2612104
6604205	4,33E-08	7,793440389	1,598400177	339,7871658
6604220	9,14E-08	6,651317628	4,415382631	234,3895821
6604240	4,78E-08	8,201587011	2,180461893	198,8872902
6604250	4,21E-08	8,729769506	1,25564921	181,9817385
6604260	4,95E-08	8,134861823	2,586531189	233,5932954
6604270	5,21E-08	7,953985884	1,259579449	153,4546009
6604280	5,56E-08	7,522398557	2,610832791	321,0714286
6604500	5,07E-08	7,671738098	2,164657238	226,8122535
6604510	4,97E-08	7,703688948	1,603024308	241,7651515
6604601	6,17E-08	5,373826585	4,114796512	482,2771922
6604605	7,24E-08	5,098475667	6,93350934	542,2614522
6604610	5,50E-08	5,915330547	4,151300869	406,6858788
6604625	2,91E-08	8,319115125	1,635732095	109,5294789
6604635	6,56E-08	6,844696453	4,250384581	399,9563636
6604640	7,56E-08	6,735581216	5,665873945	334,3073903
6604645	4,51E-08	7,621132468	2,660968349	240,0521429
6604650	3,82E-08	6,1958297	3,542917575	454,4982336
6604655	3,59E-08	6,247818591	2,537343946	461,6902011
6604660	4,40E-08	7,577328567	1,610840178	158,7841788
6604665	3,31E-08	7,957313129	0,931744261	142,3758865
6604670	2,92E-08	7,899413084	1,051823314	184,971826
6604690	3,43E-08	7,803559751	3,202717196	356,9788084
6604710	2,78E-08	7,870583344	2,081773914	303,4915773
6604750	3,22E-08	7,898172292	2,271915774	263,0813222
6604760	2,57E-08	8,247207802	1,35071805	235,0380488
6604800	3,46E-08	6,554480726	4,137872306	511,3214018
6604830	3,07E-08	7,185904848	2,236734931	264,9971518
6604840	3,12E-08	8,052985361	0,763218447	86,88860941
6604850	2,92E-08	7,428178694	1,931864269	243,2719191
6604860	3,78E-08	6,345573713	2,264789868	441,5409322
6604880	5,97E-08	6,375554469	5,099003248	367,3895785
6604910	3,96E-08	7,548536128	2,206896824	257,4610829
6604920	4,32E-08	7,578617334	2,105087986	283,5868459
6605100	4,06E-08	8,562929352	2,155859724	220,3127641
6605200	3,10E-08	8,927762441	2,091524251	232,3278719
6605230	2,51E-08	9,350533528	0,441252182	79,76065995
6605235	2,70E-08	9,289083099	0,448714862	87,50951087
6605300	3,49E-08	7,400142237	2,109954128	285,1001693
6605310	3,75E-08	7,494543981	2,927871893	426,2512334
6605320	2,32E-08	8,503543715	0,60953939	114,6635472
6605330	2,75E-08	7,994165348	1,797215926	222,6860759
6605360	4,06E-08	7,927580382	2,119758872	247,4332805
6605365	3,20E-08	7,470805359	0,871967005	317,4285714

6605385	6,44E-08	8,378503964	5,503401177	295,9050773
6605390	6,17E-08	8,519496498	4,607840438	237,9470297
6605400	2,17E-08	9,524747087	0,21375859	13,49770992
6605440	4,35E-08	8,236055853	2,137328027	232,8861162
6605450	5,38E-08	8,065465563	3,01085138	274,908632
6605480	5,54E-08	8,446555328	3,218073509	237,240928
6605520	4,36E-08	7,540137133	1,387534364	395,8818898
6605540	4,26E-08	7,897690064	3,366815154	362,1598755
6605550	3,69E-08	8,247587116	2,728990833	272,2128816
6605560	3,82E-08	7,947293343	2,496070999	270,5095806
6605570	3,24E-08	8,216697587	1,621377954	186,6555538
6605575	2,99E-08	8,368808817	1,682548602	202,8499318
6605590	3,32E-08	7,588725907	1,939751576	355,9012114
6605600	2,45E-08	9,23633778	0,928322655	144,1746029
6605620	3,30E-08	8,645384284	2,060249264	263,1250762
6605630	3,00E-08	8,940598151	1,42520187	215,6888822
6605631	3,55E-08	8,500027466	1,575535185	319,2195846
6605640	2,03E-08	9,350362364	0,724675494	118,426301
6605650	2,10E-08	9,509978925	0,463916726	104,0646552
6605660	2,16E-08	9,500462119	0,469129509	108,3038933
6605670	2,19E-08	9,504982978	0,673552471	168,422877
6605680	2,21E-08	9,127528596	0,716932658	125,3399103
6605700	2,29E-08	8,465638733	1,498361435	194,7422753
6605710	2,30E-08	8,455943632	1,67036444	314,9713805
6605720	2,57E-08	9,017610348	1,151241453	135,4477612
6605730	2,79E-08	7,967210418	2,216146475	302,5283768
6606100	2,02E-08	9,445286771	0,779679638	84,75510204
6606200	1,99E-08	9,398856166	0,443536402	98,02592593
6606250	2,07E-08	9,611814755	0,321885998	42,97066482
6606300	1,95E-08	9,555388641	0,572626096	110,7537954
6606400	2,05E-08	9,676602208	0,567304107	102,8877039
6606500	1,98E-08	9,557536621	0,61261582	91,04336653
6606510	1,95E-08	9,555388641	0,666364746	91,89522059
6606550	2,01E-08	9,33236084	0,817996643	112,9885714
6606560	2,02E-08	9,40926384	0,418884859	74,27842042
6606570	2,02E-08	9,650510416	0,760914751	62,59789474
6606580	2,03E-08	9,346639252	0,612456251	110,2344398
6606590	2,01E-08	9,330327182	0,603260129	87,24886317
6606700	1,96E-08	9,87988626	0,603929927	83,46090535
6606710	1,93E-08	9,702875503	0,561586632	62,08482564
6606720	2,04E-08	9,844306792	0,603862202	74,47131745
6606790	1,95E-08	10,12384799	0,452992872	79,05277973
6606850	1,99E-08	9,735599639	0,557455751	72,80322906
6606870	2,04E-08	9,645950039	0,349917553	62,6873706
6606880	2,13E-08	9,758916473	0,401303681	49,76646248
6606900	2,00E-08	9,885483452	0,253455203	47,59481038
6606950	1,82E-08	10,17674393	0,50255344	66,67227378
6607100	4,37E-08	9,754843176	2,053204115	328,2486398
6607101	4,46E-08	9,620749664	1,499427062	444,5106383
6607115	4,29E-08	10,30719731	1,273370985	171,6894771

6607120	4,18E-08	10,34777876	1,366294131	196,6325879
6607130	4,28E-08	9,930251222	1,178459311	154,8461996
6607131	4,22E-08	9,909777832	1,209088508	163,8085366
6607140	4,25E-08	9,874550677	1,153036394	161,6280164
6607150	4,35E-08	9,731435468	1,383975747	182,694783
6607200	3,80E-08	9,898025186	1,710470989	246,1965486
6607210	2,85E-08	10,03102798	1,273943322	151,8933824
6607220	2,71E-08	10,09710832	1,674478221	133,7562563
6607225	2,85E-08	10,03102798	1,708215996	149,8023952
6607230	2,94E-08	9,992730971	1,430414066	139,6518438
6607235	3,00E-08	9,968972015	2,083751064	199,3049645
6607240	2,79E-08	9,739447002	1,192097458	109,0519248
6607250	2,76E-08	9,960361481	0,941559632	105,2682927
6607300	2,40E-08	9,834943032	1,724316533	127,4391892
6607310	2,22E-08	9,817166901	1,210000782	149,333003
6607320	2,16E-08	9,991983217	0,547289187	137,8043254
6607330	2,38E-08	9,811801609	0,647583954	88,76121076
6607335	2,09E-08	9,999388886	1,031900751	141,9907407
6607340	2,06E-08	9,713169418	0,759468894	133,6986532
6607345	2,38E-08	9,706992168	0,944038554	149,4434255
6607347	2,30E-08	9,758699171	0,901436197	160,651856
6607350	2,31E-08	9,593000031	1,093025472	192,7224158
6607520	2,41E-08	9,709710275	0,842419129	107,5133675
6607530	2,61E-08	10,559902	0,870257463	66,86594203
6607540	2,56E-08	10,33464049	1,187225551	111,6864112
6607550	2,40E-08	9,736170572	0,863451077	107,965738
6607560	2,45E-08	10,4110223	1,00127253	78,60725076
6607570	2,50E-08	10,72555542	0,646604307	48,04065041
6607650	2,27E-08	9,802957186	0,750455539	108,787969
6607651	2,27E-08	9,802961369	0,750408941	108,7776855
6607701	2,22E-08	9,752411618	0,681676327	122,3778479
6607705	2,65E-08	9,686343757	1,292396328	138,625
6607710	2,40E-08	9,665721893	0,949857868	136,6221162
6607711	2,40E-08	9,665721893	1,147123547	151,3455882
6607750	2,15E-08	10,01227798	0,709193785	120,2407603
6607760	2,75E-08	9,806262765	0,550636623	73,5352459
6607800	2,37E-08	9,951499939	1,606549452	122,7540193
6607820	2,41E-08	9,841972351	0,672579278	39,75490196
6607830	2,07E-08	10,05558847	0,573675768	100,235172
6607835	2,15E-08	10,01227798	0,711247236	78,89759036
6607840	1,95E-08	10,12322235	0,595316598	68,7533828
6607850	2,16E-08	10,34797211	0,598702226	46,06128405
6607851	2,32E-08	10,03295717	0,954195619	74,87602776
6607950	2,16E-08	10,41331054	1,020104275	85,51089109
6608100	4,63E-08	8,210229462	3,08422685	335,9675259
6608101	6,34E-08	7,854360962	3,22808465	378,5845411
6608110	3,06E-08	8,616665544	1,918903497	228,2209502
6608160	3,94E-08	9,699234168	6,3713918	335,7819149
6608170	6,34E-08	7,854360962	4,075969891	285,7676269
6608190	5,33E-08	8,420711888	2,755815536	266,6571649

6608200	4,82E-08	9,196270544	1,955521101	208,8296274
6608210	5,45E-08	8,839005443	2,431499751	235,9960971
6608220	4,96E-08	9,060888288	2,409937619	234,3981763
6608230	4,92E-08	9,294691319	1,745606965	88,7602459
6608300	4,67E-08	9,05390534	3,294833598	308,5054085
6608500	5,06E-08	8,223265383	2,759648593	383,4592371
6608501	3,50E-08	8,819476107	2,017078179	226,1365164
6608502	5,50E-08	8,19291687	3,246663482	492,4302326
6608510	2,42E-08	9,279102738	1,09080764	134,5034904
6608520	3,49E-08	8,423224909	2,687514177	298,3638107
6608600	4,68E-08	9,176417455	3,448398423	274,02574
6609100	2,71E-08	8,990773434	1,999502944	226,1188511
6609110	2,53E-08	9,674158633	0,926412421	74,1326624
6609400	2,11E-08	9,552915741	0,686995092	100,7150598
6609500	3,11E-08	8,754026157	1,537406809	174,4201859
6609510	2,35E-08	9,468333435	1,042019498	133,0060976
6609520	2,20E-08	9,130396674	0,578033657	98,41457158
6609530	2,39E-08	9,141001314	0,434485016	93,56264412
6609540	2,22E-08	9,260138702	0,392344112	88,89083419
6609560	2,05E-08	9,610848963	0,520532348	119,5275888
6609570	2,56E-08	9,019329721	1,888958018	181,4489796
6731350	2,57E-08	5,85601815	1,160692516	165,1489061
6731710	1,80E-08	-8,032446034	4,64602012	431,6830671
6731920	1,83E-08	-2,977524116	1,227412434	511,6571996
6742451	2,12E-08	7,034842406	3,434887052	764,3266585
6742500	2,47E-08	8,845463391	2,807565715	490,5787887
6742700	1,93E-08	7,634963572	2,945217741	540,2290603
6742800	2,42E-08	8,968869053	2,707408745	473,8235254
6742900	2,35E-08	8,94439144	2,632950527	460,5736811
6742912	2,14E-08	8,758885529	2,410903029	485,7178659
6830511	1,77E-08	-2,467680398	1,190302253	364,8553273
6854101	1,79E-08	4,022942244	0,499657292	129,6967738
6854200	1,66E-08	3,629511443	0,27660648	104,4049622
6854210	1,68E-08	3,228845412	0,288828909	112,3356677
6854300	1,68E-08	2,860735689	0,228569738	128,0672731
6854301	1,70E-08	2,877724849	0,275559588	118,8623579
6854320	1,61E-08	2,767832198	0,325293684	123,6771148
6854500	1,61E-08	1,862610808	0,464121046	184,178649
6854590	1,68E-08	1,764419934	0,540017734	209,6059189
6854591	1,61E-08	1,813799207	0,499472406	198,3187136
6854600	1,75E-08	0,842998665	0,43712006	190,9851951
6854620	1,59E-08	1,444566794	0,262863318	136,2665217
6854700	1,48E-08	-0,125572298	0,667763376	241,6284513
6854701	1,51E-08	-0,354259064	0,702999447	261,6638956
6854710	1,40E-08	-0,513551338	0,62954166	264,9963849
6854800	1,65E-08	2,829182847	0,278688302	119,197656
6854900	1,70E-08	3,98896741	0,317494443	92,7410905
6855100	1,96E-08	4,879880021	0,431495869	79,83385749
6855200	1,74E-08	3,535088199	0,574653614	128,6867473
6855250	1,68E-08	3,285180793	0,555727031	137,555102

6855280	1,68E-08	3,109791964	0,416047151	165,4769305
6855400	1,83E-08	3,06194638	0,535987823	132,7856042
6855401	1,91E-08	2,173203425	0,618607704	177,7141249
6855402	1,68E-08	3,09674038	0,576865122	134,7231722
6855500	1,98E-08	4,559584259	0,591448725	90,65577485
6935020	5,30E-08	5,026997174	11,88936299	1590,880362
6935051	4,65E-08	6,796393472	6,620003101	1047,590479
6935053	4,69E-08	6,693671094	6,71448287	1064,088298
6935054	4,91E-08	6,24907153	6,70769948	1124,505627
6935055	5,14E-08	5,682773915	7,546887692	1231,055852
6935145	7,02E-08	2,235807221	12,17347879	2000,359914
6935300	4,64E-08	6,801497897	7,213410804	1062,751255
6935301	4,36E-08	7,252835152	6,062798394	1001,312242
6935302	4,48E-08	6,867249838	6,632570136	1077,2441
6935310	5,52E-08	4,994651976	9,696271334	1240,266923
6935320	4,87E-08	6,361729994	5,446389296	1064,627037
6935400	4,12E-08	8,439588979	3,839870817	769,3853482
6935401	4,57E-08	7,981750184	4,784627559	907,2045365
6935402	4,62E-08	7,935668984	6,129665141	1018,49894
6935500	6,51E-08	3,205181338	11,80035607	1750,222227
6939050	4,79E-08	5,031382193	10,40518246	1546,153077
6939200	5,83E-08	2,424614812	13,74508719	2075,647021
6939500	6,11E-08	1,845497278	14,08805229	2185,350888
6943100	6,78E-08	-0,158620701	11,74241735	2331,064689
6948100	5,99E-08	3,934508191	15,00360899	1677,907526
6948110	5,94E-08	0,831317089	13,27667176	2141,398182
6970250	1,91E-08	1,500677756	0,38301665	142,8470337
6970500	1,86E-08	-0,146961357	0,471790524	158,258274
6970700	1,76E-08	-2,541029135	0,719445647	162,0074516
6971130	1,80E-08	-0,678285571	1,424304199	208,133632
6971600	1,77E-08	-0,005442103	0,495248215	164,5509664
6972430	1,98E-08	3,765428831	0,382184136	105,3661259
6973300	2,09E-08	5,728650174	0,295404831	174,4946406
6974011	2,07E-08	6,582841531	0,548787473	193,7222333
6977100	1,86E-08	3,93662156	0,664643069	183,3401553
6978250	1,49E-08	7,326491492	0,600055957	147,6447297