

ANNO	MES	ID_MUNICIPIO	COD_DENTIFICACION_ELEMENTO_RE	ID_ELEMENTO_RED	INDISPONIBIL_PERIODO_ANTERIOR	INDISPONIBIL_PERIODO_ACTUAL	INDISPONIB_FIN_PERIODO_ACTUAL	PCTJ_DISPONIBILIDAD_MENSUAL	PCTJ_DISPONIBILIDAD_ACUMULADO
2015	2	91001	AMA0001_2G	3	140.333334	112.5	252.833334	0.997209821	0.999518962
2015	2	5318	ANT0004_2G	2	0	18.6	18.6	0.99953869	0.999964612
2015	2	5615	ANT0009_2G	2	11.683333	14.65	26.333333	0.999636657	0.999949899
2015	2	5615	ANT0010_2G	2	4.033333	0	4.033333	1	0.999992326
2015	2	5607	ANT0011_2G	2	0	63.333334	63.333334	0.998429233	0.999879503
2015	2	5607	ANT0015_2G	2	17.266667	0	17.266667	1	0.999967149
2015	2	5615	ANT0019_2G	2	18.233334	0	18.233334	1	0.999965309
2015	2	5376	ANT0020_2G	2	6.933333	0	6.933333	1	0.999986809
2015	2	5001	ANT0024_2G	2	0.716667	0	0.716667	1	0.999998636
2015	2	5656	ANT0027_2G	2	0	177.133333	177.133333	0.995606812	0.999662988
2015	2	5837	ANT0032_2G	2	9.283333	0	9.283333	1	0.999982338
2015	2	5129	ANT0033_2G	2	0	10.283333	10.283333	0.999744957	0.999980435
2015	2	5129	ANT0035_2G	2	0	10.783334	10.783334	0.999732556	0.999979484
2015	2	5679	ANT0036_2G	2	2.183333	0	2.183333	1	0.999995846
2015	2	5172	ANT0037_2G	2	3.033333	0	3.033333	1	0.999994229
2015	2	5390	ANT0039_2G	2	2.016667	0	2.016667	1	0.999996163
2015	2	5030	ANT0041_2G	2	3.8	0	3.8	1	0.99999277
2015	2	5282	ANT0042_2G	2	2.05	0	2.05	1	0.9999961
2015	2	5079	ANT0045_2G	2	4.166667	0	4.166667	1	0.999992073
2015	2	5237	ANT0047_2G	2	8.516667	0	8.516667	1	0.999983796
2015	2	5686	ANT0048_2G	2	868.9	0	868.9	1	0.998346842
2015	2	5854	ANT0058_2G	2	0	251.616667	251.616667	0.993759507	0.999521277

2015	2	5093	ANT0060_2G	2	155.383333	1201.1	1356.483333	0.970210813	0.997419172
2015	2	5893	ANT0062_2G	2	0	1403.166667	1403.166667	0.965199239	0.997330353
2015	2	5854	ANT0063_2G	2	0.8	1208.333333	1209.133333	0.970031415	0.997699518
2015	2	5893	ANT0064_2G	2	27.8333334	0	27.8333334	1	0.999947045
2015	2	5790	ANT0065_2G	2	0	595.7333333	595.7333333	0.985224868	0.998866565
2015	2	5790	ANT0067_2G	2	4.8	824.066667	828.866667	0.979561839	0.998423009
2015	2	5120	ANT0069_2G	2	2.7	819.7	822.4	0.979670139	0.998435312
2015	2	5120	ANT0070_2G	2	0	1837.983334	1837.983334	0.954415096	0.996503076
2015	2	5120	ANT0071_2G	2	0	829.0833333	829.0833333	0.979437417	0.998422596
2015	2	5154	ANT0072_2G	2	0	818.6	818.6	0.979697421	0.998442542
2015	2	5837	ANT0073_2G	2	8.166667	0	8.166667	1	0.999984462
2015	2	5045	ANT0082_2G	2	46.816666	0	46.816666	1	0.999910927
2015	2	5837	ANT0083_2G	2	35.883332	0	35.883332	1	0.999931729
2015	2	5615	ANT0085_2G	2	23.566666	44.15	67.716666	0.99890501	0.999871163
2015	2	5790	ANT0088_2G	2	0	847.416666	847.416666	0.978982722	0.998387716
2015	2	5591	ANT0090_2G	2	0	11.8333333	11.8333333	0.999706515	0.999977486
2015	2	5591	ANT0091_2G	2	102.033333	10.65	112.683333	0.999735863	0.99978561
2015	2	5809	ANT0093_2G	2	2	0	2	1	0.999996195
2015	2	5579	ANT0094_2G	2	0	11.916667	11.916667	0.999704448	0.999977327
2015	2	5250	ANT0095_2G	2	15.033333	0	15.033333	1	0.999971398
2015	2	5541	ANT0096_2G	2	4	0	4	1	0.99999239
2015	2	5861	ANT0097_2G	2	2.25	0	2.25	1	0.999995719
2015	2	5101	ANT0100_2G	2	101.150001	0	101.150001	1	0.999807553
2015	2	5490	ANT0129_2G	2	0	15.416667	15.416667	0.999617642	0.999970668
2015	2	5837	ANT0130_2G	2	3.45	0	3.45	1	0.999993436
2015	2	5318	ANT0137_2G	2	0	183.9	183.9	0.995438988	0.999650114
2015	2	5237	ANT0142_2G	2	8.366667	106.383334	114.750001	0.997361524	0.999781678
2015	2	5837	ANT0152_2G	2	48.366668	0	48.366668	1	0.999907978
2015	2	5129	ANT0155_2G	2	5.266666	0	5.266666	1	0.99998998
2015	2	5861	ANT0156_2G	2	1.85	653.566667	655.416667	0.983790509	0.998753012
2015	2	5237	ANT0157_2G	2	0	75.583334	75.583334	0.998125413	0.999856196
2015	2	5819	ANT0168_2G	2	0	61.566667	61.566667	0.998473049	0.999882864
2015	2	5190	ANT0171_2G	2	0	74.433334	74.433334	0.998153935	0.999858384
2015	2	5656	ANT0176_2G	2	0	166.533333	166.533333	0.995869709	0.999683156
2015	2	5615	ANT0181_2G	2	0	185.45	185.45	0.995400546	0.999647165
2015	2	5790	ANT0185_2G	2	0.683333	1259.616666	1260.299999	0.968759507	0.997602169
2015	2	5579	ANT0188_2G	2	0	14.166667	14.166667	0.999648644	0.999973047

2015	2	15572	ANT0189_2G	2	0	11.833333	11.833333	0.999706515	0.999977486
2015	2	5088	ANT0190_2G	2	4	0	4	1	0.99999239
2015	2	5809	ANT0191_2G	2	1.683333	0	1.683333	1	0.999996797
2015	2	5129	ANT0193_2G	2	0	344.466667	344.466667	0.99145668	0.999344622
2015	2	5615	ANT0199_2G	2	20.5	0	20.5	1	0.999960997
2015	2	5736	ANT1002_2G	2	0	30.166666	230.533333	0.999251819	0.99956139
2015	2	5615	ANT1003_2G	2	8.233334	0	8.233334	1	0.999984335
2015	2	5045	ANT1004_2G	2	114.65	0	114.65	1	0.999781868
2015	2	5667	ANT1008_2G	2	4.116667	352.483333	356.6	0.991257854	0.999321537
2015	2	5895	ANT1009_2G	2	30.45	13.8	44.25	0.999657738	0.999915811
2015	2	5789	ANT1010_2G	2	4.016667	0	4.016667	1	0.999992358
2015	2	5034	ANT1011_2G	2	732.966666	0	732.966666	1	0.998605467
2015	2	5101	ANT1012_2G	2	121.466666	0	121.466666	1	0.999768899
2015	2	5364	ANT1013_2G	2	17.433333	85.783333	103.216666	0.997872437	0.999803621
2015	2	15572	ANT1014_2G	2	0	11.833333	11.833333	0.999706515	0.999977486
2015	2	5480	ANT1016_2G	2	55.95	0	55.95	1	0.99989355
2015	2	5664	ANT1017_2G	2	20.616667	0	20.616667	1	0.999960775
2015	2	5120	ANT1023_2G	2	0	861.133334	861.133334	0.978642526	0.998361618
2015	2	5756	ANT1026_2G	2	0	10.716667	10.716667	0.99973421	0.999979611
2015	2	5031	ANT1027_2G	2	0	119.183334	119.183334	0.997044064	0.999773243
2015	2	5490	ANT1034_2G	2	5.416667	17.383333	22.8	0.999568866	0.999956621
2015	2	5368	ANT1035_2G	2	1.883333	0	1.883333	1	0.999996417
2015	2	5209	ANT1036_2G	2	2.216667	0	2.216667	1	0.999995783
2015	2	5667	ANT1037_2G	2	3.966667	0	3.966667	1	0.999992453
2015	2	5002	ANT1038_2G	2	0	11.15	11.15	0.999723462	0.999978786
2015	2	5480	ANT1041_2G	2	92.4	0	92.4	1	0.999824201
2015	2	5576	ANT1042_2G	2	669.616666	0	669.616666	1	0.998725996
2015	2	5660	ANT1043_2G	2	98.85	11.733333	110.583333	0.999708995	0.999789606
2015	2	5142	ANT1048_2G	2	19.316667	0	19.316667	1	0.999963248
2015	2	5197	ANT1049_2G	2	28.8	37.583333	66.383333	0.999067874	0.9998737
2015	2	5819	ANT1053_2G	2	0	233.983334	233.983334	0.994196842	0.999554826
2015	2	5660	ANT1054_2G	2	122.583333	10.25	132.833333	0.999745784	0.999747273
2015	2	5197	ANT1055_2G	2	27.966667	81.2	109.166667	0.997986111	0.999792301
2015	2	5756	ANT1057_2G	2	117.083333	40.666666	157.749999	0.998991402	0.999699867
2015	2	5642	ANT1058_2G	2	1.95	0	1.95	1	0.99999629
2015	2	5649	ANT1059_2G	2	1352.233333	688.466667	2040.7	0.982924934	0.99611739
2015	2	5665	ANT1061_2G	2	230.533333	0	230.533333	1	0.99956139

2015	2	5670	ANT1062_2G	2	0	1.516667	1.516667	0.999962384	0.999997114
2015	2	5282	ANT1063_2G	2	3.883333	0	3.883333	1	0.999992612
2015	2	5858	ANT1065_2G	2	32.183333	0	32.183333	1	0.999938768
2015	2	5842	ANT1067_2G	2	12.233333	0	12.233333	1	0.999976725
2015	2	5893	ANT1072_2G	2	15.666667	64.583333	80.25	0.998398231	0.999847317
2015	2	15572	ANT1075_2G	2	198.333334	0	198.333334	1	0.999622653
2015	2	5093	ANT1078_2G	2	2.216667	0	2.216667	1	0.999995783
2015	2	5856	ANT1079_2G	2	1.866667	0	1.866667	1	0.999996449
2015	2	5145	ANT1080_2G	2	11.083334	107.85	118.933334	0.997325149	0.999773719
2015	2	5036	ANT1083_2G	2	1.883333	0	1.883333	1	0.999996417
2015	2	5792	ANT1087_2G	2	1.916667	0	1.916667	1	0.999996353
2015	2	5086	ANT1088_2G	2	1.966667	0	1.966667	1	0.999996258
2015	2	5679	ANT1091_2G	2	2.183333	0	2.183333	1	0.999995846
2015	2	5154	ANT1094_2G	2	16.75	0	16.75	1	0.999968132
2015	2	5212	ANT1096_2G	2	0	244	244	0.993948413	0.999535769
2015	2	5501	ANT1097_2G	2	105.366667	0	105.366667	1	0.999799531
2015	2	5591	ANT1098_2G	2	86.116667	0	86.116667	1	0.999836156
2015	2	5425	ANT2002_2G	2	0	23.95	23.95	0.999406002	0.999954433
2015	2	81001	ARA0001_2G	3	0	140.649999	140.649999	0.996511657	0.999732401
2015	2	81794	ARA0002_2G	3	0	8.683333	8.683333	0.99978464	0.999983479
2015	2	63001	ARM0002_2G	2	7.266666	0	7.266666	1	0.999986175
2015	2	63001	ARM0006_2G	2	6.933333	0	6.933333	1	0.999986809
2015	2	63001	ARM0008_2G	2	16.733333	0	16.733333	1	0.999968163
2015	2	63001	ARM0018_2G	2	0	61.583333	61.583333	0.998472636	0.999882832
2015	2	63001	ARM0020_2G	2	7.916666	0	7.916666	1	0.999984938
2015	2	63001	ARM0021_2G	2	7.333334	166.633333	173.966667	0.995867229	0.999669013
2015	2	63001	ARM0022_2G	2	7.316667	0	7.316667	1	0.999986079
2015	2	63001	ARM0025_2G	2	22.866667	0	22.866667	1	0.999956494
2015	2	63001	ARM0027_2G	2	0	2.266667	2.266667	0.999943783	0.999995687
2015	2	8573	ATL0002_2G	2	3.45	0	3.45	1	0.999993436
2015	2	8832	ATL0003_2G	2	431.366667	0	431.366667	1	0.999179287
2015	2	8832	ATL0006_2G	2	45.033334	0	45.033334	1	0.99991432
2015	2	8372	ATL0008_2G	2	225.583333	0	225.583333	1	0.999570808
2015	2	8433	ATL0013_2G	2	13.816667	15.366667	29.183334	0.999618882	0.999944476
2015	2	8685	ATL0014_2G	2	0	269.35	269.35	0.993319692	0.999487538
2015	2	8137	ATL0019_2G	2	2.216667	0	2.216667	1	0.999995783
2015	2	8634	ATL0020_2G	2	0	8.316667	8.316667	0.999793733	0.999984177

2015	2	8560	ATL0021_2G	2	7	0	7	1	0.999986682
2015	2	8372	ATL0022_2G	2	6.616667	0	6.616667	1	0.999987411
2015	2	8436	ATL0027_2G	2	6.983333	0	6.983333	1	0.999986714
2015	2	8558	ATL0029_2G	2	6.716667	6.7	13.416667	0.999833829	0.999974474
2015	2	8638	ATL0030_2G	2	0	6.383333	6.383333	0.999841683	0.999987855
2015	2	8573	ATL0031_2G	2	6.6	0	6.6	1	0.999987443
2015	2	8832	ATL0033_2G	2	431.233334	7.933333	439.166667	0.999803241	0.999164447
2015	2	8675	ATL0035_2G	2	6.75	0	6.75	1	0.999987158
2015	2	8520	ATL0037_2G	2	107.5	10.75	118.25	0.999733383	0.999775019
2015	2	8078	ATL0043_2G	2	0	352.683333	352.683333	0.991252894	0.999328989
2015	2	8433	ATL0044_2G	2	3.4	0	3.4	1	0.999993531
2015	2	8078	ATL0046_2G	2	13.766667	347.300001	361.066668	0.991386409	0.999313039
2015	2	8296	ATL0051_2G	2	39	0	39	1	0.999925799
2015	2	8078	ATL0052_2G	2	0	119.083333	119.083333	0.997046544	0.999773434
2015	2	8638	ATL0053_2G	2	0	6.716666	6.716666	0.999833416	0.999987221
2015	2	8560	ATL0057_2G	2	0	380.516667	380.516667	0.990562583	0.999276034
2015	2	8078	ATL0062_2G	2	154.433333	0	154.433333	1	0.999706177
2015	2	8549	ATL0078_2G	2	336.9	626.799999	963.699999	0.984454365	0.998166476
2015	2	8638	ATL0084_2G	2	220.05	6.516667	226.566667	0.999838376	0.999568937
2015	2	8638	ATL0086_2G	2	0	157.283333	157.283333	0.996099124	0.999700755
2015	2	8638	ATL0087_2G	2	13.383333	0	13.383333	1	0.999974537
2015	2	8634	ATL0088_2G	2	7.083333	440.55	447.633333	0.989073661	0.999148338
2015	2	8573	ATL0089_2G	2	7	0	7	1	0.999986682
2015	2	8573	ATL0090_2G	2	7.166667	0	7.166667	1	0.999986365
2015	2	8078	ATL0093_2G	2	197.016667	111.466667	308.483334	0.99723545	0.999413083
2015	2	8372	ATL0097_2G	2	267.183333	0	267.183333	1	0.99949166
2015	2	8573	ATL0099_2G	2	149.633333	102.183334	251.816667	0.997465691	0.999520897
2015	2	8433	ATL0101_2G	2	16.633333	6.783334	23.416667	0.999831763	0.999955448
2015	2	8433	ATL0106_2G	2	135.533333	84.783333	220.316666	0.997897239	0.999580828
2015	2	8520	ATL0109_2G	2	8.716667	6.783333	15.5	0.999831763	0.99997051
2015	2	8296	ATL0110_2G	2	28.666667	0	28.666667	1	0.999945459
2015	2	8573	ATL0114_2G	2	7.2	0	7.2	1	0.999986301
2015	2	8296	ATL0117_2G	2	7.05	88.466667	95.516667	0.997805886	0.999818271
2015	2	8573	ATL0124_2G	2	3.583333	0	3.583333	1	0.999993182
2015	2	8638	ATL0128_2G	2	0	6.75	6.75	0.999832589	0.999987158
2015	2	8001	BAR0002_2G	2	1.85	0	1.85	1	0.99999648
2015	2	8001	BAR0003_2G	2	77.516666	56.383334	133.9	0.998601604	0.999745244

2015	2	8001	BAR0010_2G	2	1.05	0	1.05	1	0.999998002
2015	2	8001	BAR0011_2G	2	2.016667	0	2.016667	1	0.999996163
2015	2	8001	BAR0013_2G	2	8.616667	22.216667	30.833334	0.999448991	0.999941337
2015	2	8001	BAR0014_2G	2	0	191.4	191.4	0.995252976	0.999635845
2015	2	8001	BAR0016_2G	2	0	32.366667	32.366667	0.999197255	0.99993842
2015	2	8001	BAR0018_2G	2	1.783333	0	1.783333	1	0.999996607
2015	2	8001	BAR0019_2G	2	2.066667	0	2.066667	1	0.999996068
2015	2	8001	BAR0020_2G	2	1.766667	0	1.766667	1	0.999996639
2015	2	8001	BAR0024_2G	2	647.516666	0	647.516666	1	0.998768043
2015	2	8001	BAR0025_2G	2	8.116667	0	8.116667	1	0.999984557
2015	2	8001	BAR0029_2G	2	11.250001	0	11.250001	1	0.999978596
2015	2	8001	BAR0036_2G	2	0	45.75	45.75	0.998865327	0.999912957
2015	2	8001	BAR0045_2G	2	0	6.75	6.75	0.999832589	0.999987158
2015	2	8001	BAR0055_2G	2	1.766667	0	1.766667	1	0.999996639
2015	2	8001	BAR0057_2G	2	1.966667	0	1.966667	1	0.999996258
2015	2	8001	BAR0059_2G	2	199.45	0	199.45	1	0.999620529
2015	2	8001	BAR0060_2G	2	0	670.933334	670.933334	0.983359788	0.998723491
2015	2	8001	BAR0067_2G	2	1.05	0	1.05	1	0.999998002
2015	2	8758	BAR0083_2G	2	132.45	0	132.45	1	0.999748002
2015	2	8001	BAR0084_2G	2	2	0	2	1	0.999996195
2015	2	8758	BAR0087_2G	2	0	7.65	7.65	0.999810268	0.999985445
2015	2	8001	BAR0092_2G	2	11.666667	0	11.666667	1	0.999977803
2015	2	8001	BAR0093_2G	2	118.800001	31.266668	150.066669	0.999224537	0.999714485
2015	2	8001	BAR0095_2G	2	466.416666	0	466.416666	1	0.999112601
2015	2	8001	BAR0096_2G	2	8.233333	0	8.233333	1	0.999984335
2015	2	8001	BAR0100_2G	2	0	8.616667	8.616667	0.999786293	0.999983606
2015	2	8001	BAR0110_2G	2	2.133333	0	2.133333	1	0.999995941
2015	2	8001	BAR0112_2G	2	0	28.183333	28.183333	0.999301009	0.999946379
2015	2	8001	BAR0114_2G	2	2	308.883333	310.883333	0.992339203	0.999408517
2015	2	8001	BAR0115_2G	2	12.583334	0	12.583334	1	0.999976059
2015	2	8001	BAR0116_2G	2	1.716667	0	1.716667	1	0.999996734
2015	2	8001	BAR0117_2G	2	2.016667	121.8	123.816667	0.996979167	0.999764428
2015	2	8001	BAR0119_2G	2	0	7.6	7.6	0.999811508	0.99998554
2015	2	8001	BAR0120_2G	2	705.883332	0	705.883332	1	0.998656995
2015	2	8001	BAR0125_2G	2	0	17.783334	17.783334	0.999558945	0.999966166
2015	2	8001	BAR0128_2G	2	27.333334	0	27.333334	1	0.999947996
2015	2	8001	BAR0130_2G	2	7.183333	7.15	14.333333	0.999822669	0.99997273

2015	2	8001	BAR0134_2G	2	535.933334	0	535.933334	1	0.99898034
2015	2	8001	BAR0135_2G	2	3.216667	0	3.216667	1	0.99999388
2015	2	8001	BAR0137_2G	2	1.55	0	1.55	1	0.999997051
2015	2	8001	BAR0138_2G	2	1.9	0	1.9	1	0.999996385
2015	2	8001	BAR0139_2G	2	131.45	0	131.45	1	0.999749905
2015	2	8001	BAR0144_2G	2	25.4	0	25.4	1	0.999951674
2015	2	8001	BAR0158_2G	2	6.866667	0	6.866667	1	0.999986936
2015	2	8758	BAR0160_2G	2	59.083334	0	59.083334	1	0.999887589
2015	2	8001	BAR0163_2G	2	0	1191.78333	1191.78333	0.970441882	0.997732528
2015	2	8001	BAR0164_2G	2	0	25.766667	25.766667	0.999360946	0.999950977
2015	2	8001	BAR0170_2G	2	2.066667	0	2.066667	1	0.999996068
2015	2	8758	BAR0172_2G	2	1.683333	0	1.683333	1	0.999996797
2015	2	8001	BAR0173_2G	2	256.383333	0	256.383333	1	0.999512208
2015	2	8001	BAR0174_2G	2	40.716667	0	40.716667	1	0.999922533
2015	2	8758	BAR0176_2G	2	175.866667	0	175.866667	1	0.999665398
2015	2	8001	BAR0182_2G	2	1.766667	0	1.766667	1	0.999996639
2015	2	8001	BAR0184_2G	2	55.466666	0	55.466666	1	0.99989447
2015	2	8001	BAR0189_2G	2	98.283333	464.6	562.883333	0.988477183	0.998929065
2015	2	8001	BAR0191_2G	2	0	34.383333	34.383333	0.999147239	0.999934583
2015	2	8001	BAR0197_2G	2	10.266667	344.683333	354.95	0.991451306	0.999324677
2015	2	8001	BAR0198_2G	2	77.25	0	77.25	1	0.999853025
2015	2	8001	BAR0201_2G	2	0	15.516667	15.516667	0.999615162	0.999970478
2015	2	8001	BAR0202_2G	2	271.283333	31.483333	302.766666	0.999219163	0.99942396
2015	2	8001	BAR0203_2G	2	0	16.216667	16.216667	0.999597801	0.999969146
2015	2	8001	BAR0206_2G	2	0	682.666666	682.666666	0.983068783	0.998701167
2015	2	8001	BAR0215_2G	2	0	16.75	16.75	0.999584573	0.999968132
2015	2	8001	BAR0216_2G	2	0	55.816667	55.816667	0.998615658	0.999893804
2015	2	8001	BAR0220_2G	2	2.083333	0	2.083333	1	0.999996036
2015	2	8001	BAR0222_2G	2	0	74.850001	74.850001	0.998143601	0.999857591
2015	2	8001	BAR0227_2G	2	0	2.7	2.7	0.999933036	0.999994863
2015	2	8001	BAR0237_2G	2	82.566667	0	82.566667	1	0.99984291
2015	2	8758	BAR0243_2G	2	2.783333	0	2.783333	1	0.999994704
2015	2	8001	BAR0245_2G	2	2.116667	0	2.116667	1	0.999995973
2015	2	8758	BAR0256_2G	2	6.8	92.766666	99.566666	0.997699239	0.999810566
2015	2	8001	BAR0260_2G	2	0	24.1	24.1	0.999402282	0.999954148
2015	2	8001	BAR0265_2G	2	1.983333	0	1.983333	1	0.999996227
2015	2	8001	BAR0271_2G	2	157.2	0	157.2	1	0.999700913

2015	2	8001	BAR0272_2G	2	5.083333	0	5.083333	1	0.999990329
2015	2	8001	BAR0276_2G	2	0	242.383333	242.383333	0.993988509	0.999538844
2015	2	8001	BAR0277_2G	2	5.2	0	5.2	1	0.999990107
2015	2	8001	BAR0278_2G	2	9.333333	0	9.333333	1	0.999982243
2015	2	8001	BAR0280_2G	2	302.566667	0	302.566667	1	0.99942434
2015	2	8001	BAR0285_2G	2	2.066667	0	2.066667	1	0.999996068
2015	2	8001	BAR0289_2G	2	0	115.416666	115.416666	0.997137483	0.99978041
2015	2	8001	BAR0310_2G	2	363.216667	0	363.216667	1	0.999308949
2015	2	8001	BAR0319_2G	2	0	9.5	9.5	0.999764385	0.999981925
2015	2	8758	BAR0325_2G	2	0	691.483333	691.483333	0.982850116	0.998684392
2015	2	8001	BAR0331_2G	2	0	322.333333	322.333333	0.992005622	0.999386733
2015	2	8573	BAR0341_2G	2	259.35	0	259.35	1	0.999506564
2015	2	8001	BAR0349_2G	2	1.466667	0	1.466667	1	0.99999721
2015	2	8001	BAR0352_2G	2	89.5	0	89.5	1	0.999829718
2015	2	8001	BAR0354_2G	2	2.066667	0	2.066667	1	0.999996068
2015	2	8001	BAR0356_2G	2	0	24.95	24.95	0.9993812	0.99995253
2015	2	8001	BAR0368_2G	2	0	3.216667	3.216667	0.999920222	0.99999388
2015	2	8001	BAR0374_2G	2	0	85.683333	85.683333	0.997874917	0.99983698
2015	2	8758	BAR0379_2G	2	0	67.716667	67.716667	0.998320519	0.999871163
2015	2	8001	BAR0388_2G	2	36.733333	9.683333	46.416666	0.999759838	0.999911688
2015	2	8001	BAR0397_2G	2	23.333334	0	23.333334	1	0.999955606
2015	2	8001	BAR0399_2G	2	123.8	0	123.8	1	0.99976446
2015	2	8758	BAR0400_2G	2	54.933334	0	54.933334	1	0.999895485
2015	2	8001	BAR0404_2G	2	103.216667	0	103.216667	1	0.999803621
2015	2	8001	BAR0405_2G	2	1.516667	0	1.516667	1	0.999997114
2015	2	8001	BAR0409_2G	2	0	31.233333	31.233333	0.999225364	0.999940576
2015	2	8001	BAR0417_2G	2	1.983333	0	1.983333	1	0.999996227
2015	2	8001	BAR0418_2G	2	2	0	2	1	0.999996195
2015	2	8001	BAR0419_2G	2	0	4.633333	4.633333	0.999885086	0.999991185
2015	2	8001	BAR0425_2G	2	6.933333	0	6.933333	1	0.999986809
2015	2	8001	BAR0435_2G	2	0	8.166667	8.166667	0.999797454	0.999984462
2015	2	8001	BAR0438_2G	2	1.983333	0	1.983333	1	0.999996227
2015	2	8758	BAR0446_2G	2	0	7.05	7.05	0.999825149	0.999986587
2015	2	8001	BAR0457_2G	2	7.2	0	7.2	1	0.999986301
2015	2	8758	BAR0461_2G	2	6.933334	0	6.933334	1	0.999986809
2015	2	8758	BAR0463_2G	2	42.966666	0	42.966666	1	0.999918252
2015	2	8001	BAR0470_2G	2	5.666667	0	5.666667	1	0.999989219

2015	2	8001	BAR0480_2G	2	2.516667	0	2.516667	1	0.999995212
2015	2	8001	BAR0482_2G	2	7.116667	0	7.116667	1	0.99998646
2015	2	8001	BAR0489_2G	2	6.883333	0	6.883333	1	0.999986904
2015	2	8001	BAR0493_2G	2	6.9	0	6.9	1	0.999986872
2015	2	8758	BAR0496_2G	2	3.4	0	3.4	1	0.999993531
2015	2	8001	BAR0498_2G	2	7.166666	0	7.166666	1	0.999986365
2015	2	8758	BAR0500_2G	2	6.933333	0	6.933333	1	0.999986809
2015	2	8001	BAR0509_2G	2	7.15	0	7.15	1	0.999986396
2015	2	8001	BAR0512_2G	2	0	68.75	68.75	0.998294891	0.999869197
2015	2	8001	BAR0515_2G	2	12.6	0	12.6	1	0.999976027
2015	2	8001	BAR0516_2G	2	0	235.366667	235.366667	0.994162533	0.999552194
2015	2	8001	BAR0519_2G	2	7.183333	0	7.183333	1	0.999986333
2015	2	8001	BAR0520_2G	2	6.933333	0	6.933333	1	0.999986809
2015	2	8001	BAR0522_2G	2	1.966667	0	1.966667	1	0.999996258
2015	2	8001	BAR0523_2G	2	6.883333	0	6.883333	1	0.999986904
2015	2	8001	BAR0526_2G	2	6.966666	0	6.966666	1	0.999986745
2015	2	8001	BAR0529_2G	2	95.733333	0	95.733333	1	0.999817859
2015	2	8001	BAR0532_2G	2	0	243.266667	243.266667	0.993966601	0.999537164
2015	2	8001	BAR0585_2G	2	8.566667	68.083333	76.65	0.998311425	0.999854167
2015	2	8001	BAR0587_2G	2	7.066666	88.466666	95.533332	0.997805886	0.999818239
2015	2	8001	BAR0590_2G	2	1.683333	97.066667	98.75	0.997592593	0.999812119
2015	2	8001	BAR8080_2G	2	3.566667	0	3.566667	1	0.999993214
2015	2	8001	BAR8211_2G	2	0	100.233333	100.233333	0.997514054	0.999809297
2015	2	8758	BAR8231_2G	2	7.016667	0	7.016667	1	0.99998665
2015	2	8758	BAR8269_2G	2	0	48.7	48.7	0.998792163	0.999907344
2015	2	8001	BAR8311_2G	2	7.1	0	7.1	1	0.999986492
2015	2	8758	BAR8320_2G	2	0	89.5	89.5	0.997780258	0.999829718
2015	2	8001	BAR8343_2G	2	246.283335	0	246.283335	1	0.999531424
2015	2	11001	BOG0004_2G	2	42.333333	0	42.333333	1	0.999919457
2015	2	11001	BOG0009_2G	2	204	0	204	1	0.999611872
2015	2	11001	BOG0020_2G	2	447.5	0	447.5	1	0.999148592
2015	2	11001	BOG0023_2G	2	26.916667	0	26.916667	1	0.999948789
2015	2	11001	BOG0026_2G	2	136	0	136	1	0.999741248
2015	2	11001	BOG0027_2G	2	59.666667	0	59.666667	1	0.999886479
2015	2	11001	BOG0042_2G	2	0	81.666667	81.666667	0.997974537	0.999844622
2015	2	11001	BOG0045_2G	2	130	0	130	1	0.999752664
2015	2	11001	BOG0046_2G	2	79.25	0	79.25	1	0.99984922

2015	2	11001	BOG0060_2G	2	105.083333	44.833334	149.916667	0.998888062	0.99971477
2015	2	11001	BOG0062_2G	2	0	3.666667	3.666667	0.999909061	0.999993024
2015	2	11001	BOG0070_2G	2	25.25	0	25.25	1	0.99995196
2015	2	11001	BOG0075_2G	2	0	11.366667	11.366667	0.999718089	0.999978374
2015	2	11001	BOG0097_2G	2	0	42.333333	42.333333	0.998950066	0.999919457
2015	2	11001	BOG0106_2G	2	962.416667	0	962.416667	1	0.998168918
2015	2	11001	BOG0109_2G	2	0	158	158	0.996081349	0.999699391
2015	2	11001	BOG0119_2G	2	0	23.583333	23.583333	0.999415096	0.999955131
2015	2	11001	BOG0136_2G	2	75.333333	0	75.333333	1	0.999856672
2015	2	11001	BOG0137_2G	2	20	0	20	1	0.999961948
2015	2	11001	BOG0160_2G	2	23.75	16.166666	39.916666	0.999599041	0.999924055
2015	2	11001	BOG0168_2G	2	1311.833333	0	1311.833333	1	0.997504122
2015	2	11001	BOG0178_2G	2	0	71.833333	71.833333	0.998218419	0.999863331
2015	2	11001	BOG0179_2G	2	14.833333	0	14.833333	1	0.999971778
2015	2	11001	BOG0197_2G	2	83	0	83	1	0.999842085
2015	2	11001	BOG0222_2G	2	8.833333	1913.666667	1922.5	0.952538029	0.996342275
2015	2	11001	BOG0229_2G	2	56.250001	0	56.250001	1	0.999892979
2015	2	11001	BOG0237_2G	2	0	22.75	22.75	0.999435764	0.999956716
2015	2	11001	BOG0243_2G	2	0	191.666667	191.666667	0.995246362	0.999635337
2015	2	11001	BOG0258_2G	2	9.416666	90.916667	100.333333	0.997745122	0.999809107
2015	2	11001	BOG0262_2G	2	44.166667	0	44.166667	1	0.999915969
2015	2	11001	BOG0268_2G	2	0	206.5	206.5	0.994878472	0.999607116
2015	2	11001	BOG0280_2G	2	30	0	30	1	0.999942922
2015	2	11001	BOG0283_2G	2	0	30.666667	30.666667	0.999239418	0.999941654
2015	2	11001	BOG0285_2G	2	31.083333	0	31.083333	1	0.999940861
2015	2	11001	BOG0317_2G	2	0	4.833333	4.833333	0.999880126	0.999990804
2015	2	11001	BOG0321_2G	2	0	179.416667	179.416667	0.995550182	0.999658644
2015	2	11001	BOG0332_2G	2	105.5	0	105.5	1	0.999799277
2015	2	11001	BOG0356_2G	2	0	289.083333	289.083333	0.992830274	0.999449994
2015	2	11001	BOG0362_2G	2	49.166666	0	49.166666	1	0.999906456
2015	2	11001	BOG0378_2G	2	0	162.083333	162.083333	0.995980076	0.999691622
2015	2	11001	BOG0380_2G	2	125.749999	229.750001	355.5	0.994301835	0.99932363
2015	2	11001	BOG0394_2G	2	0	59	59	0.998536706	0.999887747
2015	2	11001	BOG0395_2G	2	27.083334	0	27.083334	1	0.999948472
2015	2	11001	BOG0404_2G	2	589	0	589	1	0.998879376
2015	2	11001	BOG0408_2G	2	0	8.083333	8.083333	0.999799521	0.999984621
2015	2	11001	BOG0415_2G	2	0	70.416667	70.416667	0.998253555	0.999866026

2015	2	11001	BOG0430_2G	2	64.333333	0	64.333333	1	0.9998776
2015	2	11001	BOG0453_2G	2	0	48.5	48.5	0.998797123	0.999907725
2015	2	11001	BOG0457_2G	2	325.916667	0	325.916667	1	0.999379915
2015	2	11001	BOG0501_2G	2	0	102.25	102.25	0.997464038	0.99980546
2015	2	11001	BOG0518_2G	2	7.916667	0	7.916667	1	0.999984938
2015	2	11001	BOG0551_2G	2	93.166667	0	93.166667	1	0.999822742
2015	2	11001	BOG0602_2G	2	34.25	0	34.25	1	0.999934836
2015	2	11001	BOG0605_2G	2	0	16.583333	16.583333	0.999588707	0.999968449
2015	2	11001	BOG0606_2G	2	0	110	110	0.997271825	0.999790715
2015	2	11001	BOG0615_2G	2	0	84	84	0.997916667	0.999840183
2015	2	11001	BOG0650_2G	2	0	10.166667	10.166667	0.999747851	0.999980657
2015	2	11001	BOG0662_2G	2	0	3.833333	3.833333	0.999904927	0.999992707
2015	2	11001	BOG0688_2G	2	636.166667	0	636.166667	1	0.998789637
2015	2	11001	BOG0696_2G	2	0	176.499999	176.499999	0.99562252	0.999664193
2015	2	11001	BOG0703_2G	2	0	266.666667	266.666667	0.993386243	0.999492643
2015	2	11001	BOG0844_2G	2	0	154.833333	154.833333	0.996159888	0.999705416
2015	2	11001	BOG0956_2G	2	33.916667	91.166666	125.083333	0.997738922	0.999762018
2015	2	11001	BOG0967_2G	2	0	124.083333	124.083333	0.996922536	0.999763921
2015	2	11001	BOG1132_2G	2	34.083333	15.166667	49.25	0.999623843	0.999906298
2015	2	11001	BOG1133_2G	2	0	208.166666	208.166666	0.994837136	0.999603945
2015	2	11001	BOG1144_2G	2	0	207.916667	207.916667	0.994843337	0.99960442
2015	2	11001	BOG1213_2G	2	52.25	0	52.25	1	0.99990059
2015	2	13673	BOL0001_2G	2	0	390.616667	390.616667	0.990312087	0.999256818
2015	2	13074	BOL0007_2G	2	6.183333	73.75	79.933333	0.998170883	0.99984792
2015	2	13836	BOL0012_2G	2	294	0	294	1	0.999440639
2015	2	13654	BOL0019_2G	2	0.533333	0	0.533333	1	0.999998985
2015	2	13760	BOL0022_2G	2	6.783333	0	6.783333	1	0.999987094
2015	2	13468	BOL0025_2G	2	5.966667	0	5.966667	1	0.999988648
2015	2	13300	BOL0029_2G	2	0	28.516667	28.516667	0.999292741	0.999945745
2015	2	13042	BOL0030_2G	2	60.416666	226.333333	286.749999	0.994386574	0.999454433
2015	2	13433	BOL0032_2G	2	1.916667	0	1.916667	1	0.999996353
2015	2	13430	BOL0036_2G	2	0	49.166667	49.166667	0.998780589	0.999906456
2015	2	13188	BOL0037_2G	2	0	29.616667	29.616667	0.99926546	0.999943652
2015	2	13647	BOL0039_2G	2	6.85	0	6.85	1	0.999986967
2015	2	13667	BOL0040_2G	2	0	27.3	27.3	0.999322917	0.999948059
2015	2	13001	BOL0043_2G	2	0	68.733333	68.733333	0.998295304	0.999869229
2015	2	13549	BOL0044_2G	2	6.2	0	6.2	1	0.999988204

2015	2	13600	BOL0045_2G	2	0	306.333334	306.333334	0.992402447	0.999417174
2015	2	13268	BOL0047_2G	2	0	27.066667	27.066667	0.999328704	0.999948503
2015	2	13062	BOL0048_2G	2	6.816667	0	6.816667	1	0.999987031
2015	2	13006	BOL0049_2G	2	7.283333	0.9	8.183333	0.999977679	0.99998443
2015	2	13473	BOL0053_2G	2	56	0	56	1	0.999893455
2015	2	13620	BOL0055_2G	2	7.016666	0	7.016666	1	0.99998665
2015	2	13810	BOL0059_2G	2	5.366667	3.483334	8.850001	0.999913608	0.999983162
2015	2	13430	BOL0061_2G	2	20.516667	0.55	21.066667	0.999986359	0.999959919
2015	2	13654	BOL0066_2G	2	1.033333	0	1.033333	1	0.999998034
2015	2	13430	BOL0070_2G	2	19.983333	0.516667	20.5	0.999987186	0.999960997
2015	2	13430	BOL0071_2G	2	0.566667	0	0.566667	1	0.999998922
2015	2	13430	BOL0072_2G	2	136.766667	105.799999	242.566666	0.997375992	0.999538496
2015	2	13244	BOL0073_2G	2	1079.299999	0	1079.299999	1	0.997946537
2015	2	13657	BOL0078_2G	2	1242.333335	0	1242.333335	1	0.997636352
2015	2	13140	BOL0084_2G	2	7.05	0	7.05	1	0.999986587
2015	2	13188	BOL0086_2G	2	0	9.433334	9.433334	0.999766038	0.999982052
2015	2	13430	BOL0087_2G	2	0	46.65	46.65	0.998843006	0.999911244
2015	2	13430	BOL0088_2G	2	0.6	0	0.6	1	0.999998858
2015	2	13212	BOL0089_2G	2	1.933333	3.449999	5.383332	0.999914435	0.999989758
2015	2	13430	BOL0094_2G	2	1.816667	0	1.816667	1	0.999996544
2015	2	13468	BOL0096_2G	2	0	1358.016667	1358.016667	0.966319031	0.997416254
2015	2	13052	BOL0098_2G	2	516.083333	3.533333	519.616666	0.999912368	0.999011384
2015	2	15001	BOY0002_2G	2	0	20.833333	20.833333	0.9994833	0.999960363
2015	2	15469	BOY0008_2G	2	0	337.200002	337.200002	0.991636905	0.999358447
2015	2	15238	BOY0010_2G	2	0	73.833333	73.833333	0.998168816	0.999859526
2015	2	15469	BOY0017_2G	2	0	247.983329	247.983329	0.99384962	0.99952819
2015	2	15491	BOY0027_2G	2	6.333333	0	6.333333	1	0.99998795
2015	2	15051	BOY0037_2G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	15051	BOY0038_2G	2	0	5	5	0.999875992	0.999990487
2015	2	15469	BOY0039_2G	2	0	4.833334	4.833334	0.999880126	0.999990804
2015	2	15238	BOY0044_2G	2	0	7.5	7.5	0.999813988	0.999985731
2015	2	15632	BOY0058_2G	2	0	15.333333	15.333333	0.999619709	0.999970827
2015	2	15632	BOY0059_2G	2	5.583333	0	5.583333	1	0.999989377
2015	2	15572	BOY0070_2G	2	33.166666	0	33.166666	1	0.999936898
2015	2	15466	BOY0103_2G	2	0	1.583333	1.583333	0.999960731	0.999996988
2015	2	68307	BUC0002_2G	2	0	11.666667	11.666667	0.999710648	0.999977803
2015	2	68001	BUC0007_2G	2	2.5	0	2.5	1	0.999995244

2015	2	68001	BUC0019_2G	2	0	45.5	45.5	0.998871528	0.999913432
2015	2	68276	BUC0033_2G	2	68.583333	0	68.583333	1	0.999869514
2015	2	68001	BUC0038_2G	2	0	6.083333	6.083333	0.999849124	0.999988426
2015	2	68276	BUC0040_2G	2	0	1.833333	1.833333	0.99995453	0.999996512
2015	2	68001	BUC0048_2G	2	136.416667	0	136.416667	1	0.999740455
2015	2	17013	CAD0001_2G	2	8.733334	109.15	117.883334	0.997292907	0.999775717
2015	2	17442	CAD0002_2G	2	10.1	107.716667	117.816667	0.997328456	0.999775843
2015	2	17388	CAD0003_2G	2	2.133333	107.216667	109.35	0.997340856	0.999791952
2015	2	66594	CAD0004_2G	2	7.916666	107.9	115.816666	0.997323909	0.999779649
2015	2	17486	CAD0006_2G	2	0.883333	0	0.883333	1	0.999998319
2015	2	17001	CAD0011_2G	2	4.2	0	4.2	1	0.999992009
2015	2	17380	CAD0015_2G	2	0	16.183333	16.183333	0.999598628	0.99996921
2015	2	17380	CAD0016_2G	2	0	17.85	17.85	0.999557292	0.999966039
2015	2	17042	CAD0017_2G	2	0	5.016667	5.016667	0.999875579	0.999990455
2015	2	17013	CAD0018_2G	2	1.983333	0	1.983333	1	0.999996227
2015	2	17614	CAD0019_2G	2	4	0	4	1	0.99999239
2015	2	17380	CAD0020_2G	2	30.816667	15.616667	46.433334	0.999612682	0.999911657
2015	2	17777	CAD0021_2G	2	351.866667	1.533333	353.4	0.999961971	0.999327626
2015	2	17524	CAD0024_2G	2	12.166666	1.7	13.866666	0.999957837	0.999973617
2015	2	17877	CAD0025_2G	2	0	4.933333	4.933333	0.999877646	0.999990614
2015	2	17088	CAD0027_2G	2	0	5.083333	5.083333	0.999873925	0.999990329
2015	2	17042	CAD0028_2G	2	0	4.983333	4.983333	0.999876405	0.999990519
2015	2	17513	CAD0037_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	66318	CAD0041_2G	2	0	4.983333	4.983333	0.999876405	0.999990519
2015	2	17013	CAD0042_2G	2	0	68.85	68.85	0.998292411	0.999869007
2015	2	17380	CAD0045_2G	2	0	15.733333	15.733333	0.999609788	0.999970066
2015	2	17777	CAD0063_2G	2	150.383333	0	150.383333	1	0.999713883
2015	2	76892	CAL0004_2G	2	5.85	0	5.85	1	0.99998887
2015	2	76001	CAL0016_2G	2	0	79.416667	79.416667	0.998030341	0.999848903
2015	2	76001	CAL0022_2G	2	67.3	0	67.3	1	0.999871956
2015	2	76001	CAL0039_2G	2	0	6.233334	6.233334	0.999845403	0.999988141
2015	2	76001	CAL0057_2G	2	253.633333	0	253.633333	1	0.99951744
2015	2	76001	CAL0059_2G	2	0	6.883333	6.883333	0.999829282	0.999986904
2015	2	76001	CAL0065_2G	2	6.683333	0	6.683333	1	0.999987284
2015	2	76001	CAL0068_2G	2	104.95	0	104.95	1	0.999800323
2015	2	76001	CAL0072_2G	2	20.2	13.983333	34.183333	0.999653191	0.999934963
2015	2	76001	CAL0085_2G	2	1038.016666	0	1038.016666	1	0.998025082

2015	2	76001	CAL0086_2G	2	0	5.35	5.35	0.999867312	0.999989821
2015	2	76001	CAL0089_2G	2	0	142.433334	142.433334	0.996467427	0.999729008
2015	2	76001	CAL0090_2G	2	99.183333	0	99.183333	1	0.999811295
2015	2	76001	CAL0098_2G	2	223.433333	3.583333	227.016666	0.999911128	0.999568081
2015	2	76001	CAL0100_2G	2	0	3.833333	3.833333	0.999904927	0.999992707
2015	2	76001	CAL0102_2G	2	0	10.816666	10.816666	0.99973173	0.99997942
2015	2	76001	CAL0112_2G	2	0	6.85	6.85	0.999830109	0.999986967
2015	2	76001	CAL0116_2G	2	108.416667	0	108.416667	1	0.999793728
2015	2	76001	CAL0118_2G	2	0	67.6	67.6	0.998323413	0.999871385
2015	2	76001	CAL0120_2G	2	0	14.766666	14.766666	0.999633763	0.999971905
2015	2	76001	CAL0145_2G	2	22.1	7.4	29.5	0.999816468	0.999943874
2015	2	76001	CAL0195_2G	2	0	44.183333	44.183333	0.998904183	0.999915937
2015	2	76001	CAL0200_2G	2	0	67.65	67.65	0.998322173	0.99987129
2015	2	76001	CAL0218_2G	2	0	67.716667	67.716667	0.998320519	0.999871163
2015	2	76001	CAL0229_2G	2	0	6.733333	6.733333	0.999833003	0.999987189
2015	2	76001	CAL0239_2G	2	0	222.633333	222.633333	0.99447834	0.999576421
2015	2	76001	CAL0281_2G	2	0	112.15	112.15	0.997218502	0.999786625
2015	2	76001	CAL0284_2G	2	0	4.733333	4.733333	0.999882606	0.999990994
2015	2	18001	CAQ0002_2G	3	166.733333	517.633332	684.366665	0.987161872	0.998697933
2015	2	18753	CAQ0003_2G	3	375.733334	1061.600001	1437.333335	0.973670635	0.997265348
2015	2	18247	CAQ0006_2G	3	0	35.9	35.9	0.999109623	0.999931697
2015	2	13001	CAR0014_2G	2	0	23.383333	23.383333	0.999420056	0.999955511
2015	2	13001	CAR0024_2G	2	0	6.416667	6.416667	0.999840856	0.999987792
2015	2	13001	CAR0027_2G	2	0	2.966667	2.966667	0.999926422	0.999994356
2015	2	13001	CAR0043_2G	2	0	380.566666	380.566666	0.990561343	0.999275939
2015	2	13001	CAR0047_2G	2	533.95	0	533.95	1	0.998984113
2015	2	13001	CAR0058_2G	2	0	1.833333	1.833333	0.99995453	0.999996512
2015	2	13001	CAR0062_2G	2	9.183334	0	9.183334	1	0.999982528
2015	2	13001	CAR0069_2G	2	0	1.766667	1.766667	0.999956184	0.999996639
2015	2	13001	CAR0074_2G	2	0	5.683333	5.683333	0.999859044	0.999989187
2015	2	13001	CAR0075_2G	2	0	4.633333	4.633333	0.999885086	0.999991185
2015	2	13001	CAR0077_2G	2	0	229.716667	229.716667	0.994302662	0.999562944
2015	2	13001	CAR0084_2G	2	0	199.15	199.15	0.995060764	0.9996211
2015	2	13001	CAR0088_2G	2	0	63.816667	63.816667	0.998417245	0.999878583
2015	2	13001	CAR0094_2G	2	0	8.083333	8.083333	0.999799521	0.999984621
2015	2	13001	CAR0098_2G	2	0	30.216667	30.216667	0.999250579	0.99994251
2015	2	13001	CAR0122_2G	2	0	2.2	2.2	0.999945437	0.999995814

2015	2	13001	CAR0124_2G	2	0	171.9	171.9	0.995736607	0.999672945
2015	2	13001	CAR0137_2G	2	4.883334	0	4.883334	1	0.999990709
2015	2	13001	CAR0159_2G	2	32.233334	0	32.233334	1	0.999938673
2015	2	13001	CAR0214_2G	2	0	193.883332	193.883332	0.995191386	0.99963112
2015	2	13001	CAR0225_2G	2	0	2.55	2.55	0.999936756	0.999995148
2015	2	85001	CAS0001_2G	3	6.766667	0	6.766667	1	0.999987126
2015	2	85001	CAS0002_2G	3	25.3	119.416667	144.716667	0.997038277	0.999724664
2015	2	85001	CAS0003_2G	3	0	5.783333	5.783333	0.999856564	0.999988997
2015	2	85010	CAS0004_2G	3	511.666661	0	511.666661	1	0.999026509
2015	2	85410	CAS0005_2G	3	2002.216665	0	2002.216665	1	0.996190608
2015	2	85440	CAS0006_2G	3	17.316667	34.616669	51.933336	0.999141452	0.999901192
2015	2	85001	CAS0007_2G	3	0	28.9	28.9	0.999283234	0.999945015
2015	2	85250	CAS0008_2G	3	0	53.15	53.15	0.998681796	0.999898877
2015	2	85001	CAS0010_2G	3	19.4	0	19.4	1	0.99996309
2015	2	85010	CAS0011_2G	3	1994.783326	0	1994.783326	1	0.99620475
2015	2	85010	CAS0012_2G	3	1992.883335	0	1992.883335	1	0.996208365
2015	2	85010	CAS0013_2G	3	466.38333	4	470.38333	0.999900794	0.999105055
2015	2	85263	CAS0022_2G	3	0	53.700001	53.700001	0.998668155	0.999897831
2015	2	19100	CAU0015_2G	2	5.85	0	5.85	1	0.99998887
2015	2	19760	CAU0022_2G	2	0.75	0	0.75	1	0.999998573
2015	2	19760	CAU0024_2G	2	19.166667	0	19.166667	1	0.999963534
2015	2	19548	CAU0026_2G	2	0	3.966666	3.966666	0.99990162	0.999992453
2015	2	19513	CAU0037_2G	2	0	63.583333	63.583333	0.998423032	0.999879027
2015	2	20750	CES0002_2G	2	0	3.833333	3.833333	0.999904927	0.999992707
2015	2	20045	CES0007_2G	2	0	10.833333	10.833333	0.999731316	0.999979389
2015	2	20178	CES0011_2G	2	0	46.683333	46.683333	0.998842179	0.999911181
2015	2	20228	CES0013_2G	2	0	7.916667	7.916667	0.999803654	0.999984938
2015	2	20787	CES0015_2G	2	0	11.916667	11.916667	0.999704448	0.999977327
2015	2	20517	CES0016_2G	2	0	11.833333	11.833333	0.999706515	0.999977486
2015	2	20550	CES0018_2G	2	0	18.75	18.75	0.99953497	0.999964326
2015	2	20383	CES0020_2G	2	0	275.25	275.25	0.993173363	0.999476313
2015	2	20178	CES0021_2G	2	0	12.483333	12.483333	0.999690394	0.999976249
2015	2	20011	CES0022_2G	2	132.750001	0	132.750001	1	0.999747432
2015	2	20011	CES0023_2G	2	4.916667	0	4.916667	1	0.999990646
2015	2	20383	CES0024_2G	2	0	18.666667	18.666667	0.999537037	0.999964485
2015	2	20228	CES0025_2G	2	1.716667	0	1.716667	1	0.999996734
2015	2	20250	CES0028_2G	2	57.166667	0	57.166667	1	0.999891235

2015	2	20001	CES0031_2G	2	0	3.166667	3.166667	0.999921462	0.999993975
2015	2	20175	CES0033_2G	2	0	1.4	1.4	0.999965278	0.999997336
2015	2	20001	CES0035_2G	2	37.749999	79.583333	117.333332	0.998026207	0.999776763
2015	2	20250	CES0037_2G	2	15.466667	5	20.466667	0.999875992	0.99996106
2015	2	20710	CES0038_2G	2	14.166667	0	14.166667	1	0.999973047
2015	2	20614	CES0040_2G	2	3.166667	0	3.166667	1	0.999993975
2015	2	20175	CES0042_2G	2	0	5.166667	5.166667	0.999871858	0.99999017
2015	2	20001	CES0044_2G	2	30	0	30	1	0.999942922
2015	2	20060	CES0046_2G	2	45.083333	0	45.083333	1	0.999914225
2015	2	20295	CES0047_2G	2	49.5	0	49.5	1	0.999905822
2015	2	20011	CES0056_2G	2	102.083333	0	102.083333	1	0.999805778
2015	2	20013	CES0059_2G	2	0	196.916667	196.916667	0.995116154	0.999625349
2015	2	20443	CES0061_2G	2	336.5	0	336.5	1	0.999359779
2015	2	20238	CES0062_2G	2	24.583333	0	24.583333	1	0.999953228
2015	2	20178	CES0067_2G	2	0	7.916667	7.916667	0.999803654	0.999984938
2015	2	20228	CES0068_2G	2	75.383333	7.883333	83.266666	0.999804481	0.999841578
2015	2	20250	CES0073_2G	2	0	3.633333	3.633333	0.999909888	0.999993087
2015	2	27361	CHO0008_2G	2	5.533333	5.516667	11.05	0.999863178	0.999978976
2015	2	27787	CHO0009_2G	2	217.983333	4.033334	222.016667	0.999899967	0.999577594
2015	2	23466	COR0001_2G	2	392.65	197.616666	590.266666	0.995098793	0.998876966
2015	2	23001	COR0008_2G	2	0	19.133333	19.133333	0.999525463	0.999963597
2015	2	23417	COR0026_2G	2	0	100.983333	100.983333	0.997495453	0.99980787
2015	2	23168	COR0041_2G	2	276.3	0	276.3	1	0.999474315
2015	2	23500	COR0044_2G	2	0	289.416667	289.416667	0.992822007	0.999449359
2015	2	23672	COR0048_2G	2	1.766667	0	1.766667	1	0.999996639
2015	2	23417	COR0061_2G	2	0	69.85	69.85	0.998267609	0.999867104
2015	2	23182	COR0079_2G	2	0	155.883333	155.883333	0.996133846	0.999703418
2015	2	23466	COR0086_2G	2	0	21.333333	21.333333	0.999470899	0.999959411
2015	2	23350	COR0089_2G	2	0	823.033331	823.033331	0.979587467	0.998434107
2015	2	23466	COR0090_2G	2	0	807.9	807.9	0.979962798	0.9984629
2015	2	23555	COR0104_2G	2	153.85	0	153.85	1	0.999707287
2015	2	23300	COR0109_2G	2	0	3.133333	3.133333	0.999922288	0.999994039
2015	2	23168	COR0117_2G	2	3.6	0	3.6	1	0.999993151
2015	2	23417	COR0126_2G	2	106.900002	0	106.900002	1	0.999796613
2015	2	23001	COR0129_2G	2	67.833333	0	67.833333	1	0.999870941
2015	2	23660	COR0136_2G	2	1.5	0	1.5	1	0.999997146
2015	2	54001	CUC0008_2G	2	0	2.916667	2.916667	0.999927662	0.999994451

2015	2	54001	CUC0012_2G	2	65.416666	0	65.416666	1	0.999875539
2015	2	54001	CUC0021_2G	2	0	3.916666	3.916666	0.99990286	0.999992548
2015	2	54001	CUC0023_2G	2	291.833333	0	291.833333	1	0.999444762
2015	2	54001	CUC0033_2G	2	9.583333	0	9.583333	1	0.999981767
2015	2	25758	CUN0005_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25269	CUN0006_2G	2	12	30.783333	42.783333	0.999236524	0.999918601
2015	2	25473	CUN0007_2G	2	3.616666	0	3.616666	1	0.999993119
2015	2	25286	CUN0008_2G	2	27.933333	1.666667	29.6	0.999958664	0.999943683
2015	2	25430	CUN0009_2G	2	37.65	9.666667	47.316667	0.999760251	0.999909976
2015	2	25269	CUN0012_2G	2	0	2.433334	2.433334	0.999939649	0.99999537
2015	2	25175	CUN0013_2G	2	0	466.733333	466.733333	0.988424272	0.999111999
2015	2	25769	CUN0022_2G	2	0	2.4	2.4	0.999940476	0.999995434
2015	2	25736	CUN0026_2G	2	0	526.016667	526.016667	0.986953952	0.998999207
2015	2	25295	CUN0027_2G	2	0	2.5	2.5	0.999937996	0.999995244
2015	2	25183	CUN0029_2G	2	0	7.416667	7.416667	0.999816055	0.999985889
2015	2	25743	CUN0030_2G	2	2.3	0	2.3	1	0.999995624
2015	2	25307	CUN0034_2G	2	6.9	0	6.9	1	0.999986872
2015	2	25612	CUN0036_2G	2	120.316666	0	120.316666	1	0.999771087
2015	2	25307	CUN0037_2G	2	2.683333	0	2.683333	1	0.999994895
2015	2	25599	CUN0038_2G	2	340.133333	0	340.133333	1	0.999352867
2015	2	25035	CUN0039_2G	2	124.4	99.450002	223.850002	0.997533482	0.999574106
2015	2	25322	CUN0042_2G	2	0	287.05	287.05	0.992880704	0.999453862
2015	2	25797	CUN0044_2G	2	0	809.483333	809.483333	0.979923528	0.998459887
2015	2	25320	CUN0049_2G	2	55.983333	2.5	58.483333	0.999937996	0.99988873
2015	2	25754	CUN0051_2G	2	3.066667	0	3.066667	1	0.999994165
2015	2	25307	CUN0052_2G	2	111.466667	0	111.466667	1	0.999787925
2015	2	25183	CUN0053_2G	2	0	7.799999	7.799999	0.999806548	0.99998516
2015	2	25843	CUN0055_2G	2	0	5.1	5.1	0.999873512	0.999990297
2015	2	25592	CUN0058_2G	2	74.816667	0	74.816667	1	0.999857655
2015	2	25402	CUN0059_2G	2	450.716667	496.983333	947.7	0.987674024	0.998196918
2015	2	25402	CUN0062_2G	2	75.816667	0	75.816667	1	0.999855752
2015	2	25658	CUN0063_2G	2	21.983333	34.166666	56.149999	0.999152612	0.99989317
2015	2	25402	CUN0065_2G	2	75.883333	0	75.883333	1	0.999855625
2015	2	25491	CUN0068_2G	2	26.05	137.716666	163.766666	0.996584408	0.99968842
2015	2	25019	CUN0070_2G	2	502.95	2.5	505.45	0.999937996	0.999038337
2015	2	25019	CUN0071_2G	2	0	5.95	5.95	0.999852431	0.99998868
2015	2	25377	CUN0075_2G	2	0	642.45	642.45	0.98406622	0.998777683

2015	2	11001	CUN0076_2G	2	0	546.766667	546.766667	0.986439319	0.998959729
2015	2	25758	CUN0082_2G	2	0	461.5	461.5	0.988554067	0.999121956
2015	2	25322	CUN0083_2G	2	0	287.05	287.05	0.992880704	0.999453862
2015	2	25320	CUN0084_2G	2	15.25	139.316666	154.566666	0.996544726	0.999705923
2015	2	25377	CUN0085_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25799	CUN0088_2G	2	59.666667	0	59.666667	1	0.999886479
2015	2	25785	CUN0089_2G	2	39.633334	0	39.633334	1	0.999924594
2015	2	25612	CUN0090_2G	2	1.95	37.333334	39.283334	0.999074074	0.99992526
2015	2	25320	CUN0091_2G	2	0	16.816666	16.816666	0.99958292	0.999968005
2015	2	25488	CUN0092_2G	2	2.716667	0	2.716667	1	0.999994831
2015	2	25815	CUN0093_2G	2	355.55	0	355.55	1	0.999323535
2015	2	25307	CUN0095_2G	2	1.916667	39.633334	41.550001	0.99901703	0.999920947
2015	2	25286	CUN0098_2G	2	3.6	2.466666	6.066666	0.999938823	0.999988458
2015	2	25793	CUN0099_2G	2	0	2.7	2.7	0.999933036	0.999994863
2015	2	25781	CUN0100_2G	2	0	2.683333	2.683333	0.999933449	0.999994895
2015	2	25488	CUN0102_2G	2	61.633333	200.333333	261.966666	0.995031415	0.999501585
2015	2	25486	CUN0103_2G	2	0	2.666667	2.666667	0.999933862	0.999994926
2015	2	25740	CUN0104_2G	2	0	12.183333	12.183333	0.999697834	0.99997682
2015	2	25053	CUN0105_2G	2	0	158.416667	158.416667	0.996071015	0.999698598
2015	2	25260	CUN0106_2G	2	0.766667	4.666666	5.433333	0.999884259	0.999989663
2015	2	25772	CUN0108_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	25873	CUN0109_2G	2	0	4.95	4.95	0.999877232	0.999990582
2015	2	25175	CUN0110_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	25513	CUN0113_2G	2	0	291.716667	291.716667	0.992764964	0.999444984
2015	2	25473	CUN0114_2G	2	0	22.999999	22.999999	0.999429564	0.99995624
2015	2	25200	CUN0115_2G	2	0	5.083333	5.083333	0.999873925	0.999990329
2015	2	25594	CUN0117_2G	2	9.716667	0	9.716667	1	0.999981513
2015	2	25335	CUN0118_2G	2	771.4	579.316667	1350.716667	0.985632027	0.997430143
2015	2	25099	CUN0121_2G	2	1278.483336	1.533333	1280.016669	0.999961971	0.997564656
2015	2	25307	CUN0123_2G	2	8.366667	1110.449999	1118.816666	0.972459077	0.997871353
2015	2	25797	CUN0127_2G	2	0	17.316667	17.316667	0.999570519	0.999967054
2015	2	25040	CUN0128_2G	2	348.7	0	348.7	1	0.999336568
2015	2	25151	CUN0130_2G	2	13065.75001	0	13065.75001	1	0.975141267
2015	2	25053	CUN0132_2G	2	0	33.183333	33.183333	0.999177001	0.999936866
2015	2	25645	CUN0135_2G	2	11.366667	0	11.366667	1	0.999978374
2015	2	25407	CUN0137_2G	2	58.6	2.716667	61.316667	0.999932622	0.99988334
2015	2	25513	CUN0139_2G	2	0	2.433334	2.433334	0.999939649	0.99999537

2015	2	25572	CUN0143_2G	2	1.95	14.783333	16.733333	0.99963335	0.999968163
2015	2	25645	CUN0147_2G	2	0	52.05	52.05	0.998709077	0.99990097
2015	2	25899	CUN0148_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	15572	CUN0149_2G	2	13.9	61.066667	74.966667	0.99848545	0.999857369
2015	2	25320	CUN0151_2G	2	0.5	1.233333	1.733333	0.999969411	0.999996702
2015	2	25175	CUN0154_2G	2	0	2.5	2.5	0.999937996	0.999995244
2015	2	25320	CUN0156_2G	2	31.816667	0	31.816667	1	0.999939466
2015	2	25126	CUN0159_2G	2	0	2.5	2.5	0.999937996	0.999995244
2015	2	25402	CUN0160_2G	2	16.266666	133.6	149.866666	0.996686508	0.999714866
2015	2	25843	CUN0163_2G	2	0	2.583333	2.583333	0.999935929	0.999995085
2015	2	25875	CUN0167_2G	2	0	104.183333	104.183333	0.997416088	0.999801782
2015	2	25530	CUN0169_2G	2	14.266666	35.499997	49.766663	0.999119544	0.999905315
2015	2	25426	CUN0175_2G	2	0	4310.883333	4310.883333	0.893083251	0.991798167
2015	2	25317	CUN0177_2G	2	0	2.616667	2.616667	0.999935103	0.999995022
2015	2	25053	CUN0182_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25123	CUN0187_2G	2	1.866667	0	1.866667	1	0.999996449
2015	2	25175	CUN0192_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	25175	CUN0193_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25307	CUN0195_2G	2	106.133333	0	106.133333	1	0.999798072
2015	2	25473	CUN0196_2G	2	0	2.433334	2.433334	0.999939649	0.99999537
2015	2	25286	CUN0197_2G	2	245.633332	152.833333	398.466665	0.996209491	0.999241882
2015	2	25799	CUN0199_2G	2	39.483334	0	39.483334	1	0.99992488
2015	2	25612	CUN0200_2G	2	82.066667	228.283333	310.35	0.994338211	0.999409532
2015	2	25473	CUN0201_2G	2	0	17.850001	17.850001	0.999557292	0.999966039
2015	2	25799	CUN0202_2G	2	39.65	0	39.65	1	0.999924562
2015	2	25799	CUN0203_2G	2	40.083333	0	40.083333	1	0.999923738
2015	2	25269	CUN0212_2G	2	0	5.816667	5.816667	0.999855737	0.999988933
2015	2	25899	CUN0213_2G	2	0	2.5	2.5	0.999937996	0.999995244
2015	2	25269	CUN0215_2G	2	0	4.466666	4.466666	0.99988922	0.999991502
2015	2	25377	CUN0216_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25873	CUN0217_2G	2	0	4.983333	4.983333	0.999876405	0.999990519
2015	2	25488	CUN0218_2G	2	134.5	0	134.5	1	0.999744102
2015	2	25718	CUN0220_2G	2	72.95	2.483333	75.433333	0.999938409	0.999856481
2015	2	25269	CUN0221_2G	2	0	9.7	9.7	0.999759425	0.999981545
2015	2	25658	CUN0226_2G	2	75.85	0	75.85	1	0.999855689
2015	2	25175	CUN0234_2G	2	0	2.483333	2.483333	0.999938409	0.999995275
2015	2	25126	CUN0239_2G	2	506.333333	483.783332	990.116665	0.988001405	0.998116216

2015	2	25126	CUN0269_2G	2	0	827.366666	827.366666	0.979479993	0.998425863
2015	2	25430	CUN0435_2G	2	359.6	30.266667	389.866667	0.999249339	0.999258245
2015	2	25899	CUN0483_2G	2	0	5.233333	5.233333	0.999870205	0.999990043
2015	2	25214	CUN0542_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	44430	GUA0010_2G	2	5.916667	0	5.916667	1	0.999988743
2015	2	44420	GUA0012_2G	2	0	33.5	33.5	0.999169147	0.999936263
2015	2	44650	GUA0015_2G	2	0	15.083333	15.083333	0.999625909	0.999971303
2015	2	44855	GUA0025_2G	2	0	3	3	0.999925595	0.999994292
2015	2	44420	GUA0029_2G	2	0	19.666667	19.666667	0.999512235	0.999962582
2015	2	44090	GUA0031_2G	2	0	111.333333	111.333333	0.997238757	0.999788179
2015	2	44430	GUA0040_2G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	44430	GUA0042_2G	2	0	7.5	7.5	0.999813988	0.999985731
2015	2	44430	GUA0054_2G	2	0	567.5	567.5	0.985925099	0.998920282
2015	2	44430	GUA0079_2G	2	0	300.416667	300.416667	0.99254919	0.999428431
2015	2	44430	GUA0080_2G	2	58.75	301	359.75	0.992534722	0.999315544
2015	2	94001	GUI0001_2G	3	69.833334	50.75	120.583334	0.998741319	0.99977058
2015	2	41132	HUI0001_2G	2	0	10.583333	10.583333	0.999737517	0.999979864
2015	2	41298	HUI0003_2G	2	24.9	10.65	35.55	0.999735863	0.999932363
2015	2	41615	HUI0022_2G	2	0	14.683333	14.683333	0.99963583	0.999972064
2015	2	41026	HUI0024_2G	2	0	10.683333	10.683333	0.999735036	0.999979674
2015	2	41551	HUI0026_2G	2	0	10.666667	10.666667	0.99973545	0.999979706
2015	2	41001	HUI0028_2G	2	0	39.433333	39.433333	0.999021991	0.999924975
2015	2	41615	HUI0029_2G	2	0	10.95	10.95	0.999728423	0.999979167
2015	2	41298	HUI0031_2G	2	0	10.55	10.55	0.999738343	0.999979928
2015	2	41306	HUI0032_2G	2	0	10.583333	10.583333	0.999737517	0.999979864
2015	2	41306	HUI0033_2G	2	0	10.616667	10.616667	0.99973669	0.999979801
2015	2	41668	HUI0034_2G	2	0	10.7	10.7	0.999734623	0.999979642
2015	2	41396	HUI0035_2G	2	23.05	10.766667	33.816667	0.99973297	0.999935661
2015	2	41298	HUI0037_2G	2	0	10.833333	10.833333	0.999731316	0.999979389
2015	2	41244	HUI0038_2G	2	0	10.366667	10.366667	0.99974289	0.999980277
2015	2	41026	HUI0039_2G	2	0	10.766667	10.766667	0.99973297	0.999979515
2015	2	41349	HUI0040_2G	2	0	10.716667	10.716667	0.99973421	0.999979611
2015	2	41524	HUI0043_2G	2	4.883334	570.283333	575.166667	0.985856068	0.998905695
2015	2	41551	HUI0045_2G	2	0	11.016667	11.016667	0.999726769	0.99997904
2015	2	41885	HUI0046_2G	2	0	10.583333	10.583333	0.999737517	0.999979864
2015	2	73483	HUI0056_2G	2	3.5	0	3.5	1	0.999993341
2015	2	73001	IBA0003_2G	2	7.266667	0	7.266667	1	0.999986175

2015	2	73001	IBA0005_2G	2	7.583333	0	7.583333	1	0.999985572
2015	2	73001	IBA0013_2G	2	0	172.383333	172.383333	0.99572462	0.999672026
2015	2	73001	IBA0020_2G	2	129.416667	9.966667	139.383334	0.999752811	0.999734811
2015	2	73001	IBA0025_2G	2	5.066667	0	5.066667	1	0.99999036
2015	2	73001	IBA0038_2G	2	0	11.7	11.7	0.999709821	0.99997774
2015	2	73001	IBA0051_2G	2	142.283333	0	142.283333	1	0.999729294
2015	2	73001	IBA0064_2G	2	0	35.033333	35.033333	0.999131118	0.999933346
2015	2	47703	MAG0001_2G	2	0	46.633333	46.633333	0.998843419	0.999911276
2015	2	47205	MAG0003_2G	2	7.083333	0	7.083333	1	0.999986523
2015	2	47605	MAG0004_2G	2	23.733333	0	23.733333	1	0.999954845
2015	2	47541	MAG0005_2G	2	21.45	0	21.45	1	0.999959189
2015	2	47189	MAG0007_2G	2	2.916667	0	2.916667	1	0.999994451
2015	2	47545	MAG0008_2G	2	0	156.266667	156.266667	0.996124339	0.999702689
2015	2	47980	MAG0013_2G	2	33.916666	0	33.916666	1	0.999935471
2015	2	47288	MAG0017_2G	2	0	40.5	40.5	0.998995536	0.999922945
2015	2	47245	MAG0022_2G	2	0	17.916667	17.916667	0.999555638	0.999965912
2015	2	47288	MAG0028_2G	2	9.75	0	9.75	1	0.99998145
2015	2	47318	MAG0031_2G	2	0	12.566667	12.566667	0.999688327	0.999976091
2015	2	47170	MAG0034_2G	2	0	17.266667	17.266667	0.999571759	0.999967149
2015	2	47980	MAG0036_2G	2	27.083333	0	27.083333	1	0.999948472
2015	2	47692	MAG0037_2G	2	0	77.716667	77.716667	0.998072503	0.999852137
2015	2	47030	MAG0038_2G	2	361.333332	225.583333	586.916665	0.994405175	0.99888334
2015	2	47268	MAG0039_2G	2	24.499999	0	24.499999	1	0.999953387
2015	2	47161	MAG0046_2G	2	6.866667	0	6.866667	1	0.999986936
2015	2	47189	MAG0048_2G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	47745	MAG0049_2G	2	6.733333	6.95	13.683333	0.999827629	0.999973966
2015	2	47245	MAG0054_2G	2	0	11.733333	11.733333	0.999708995	0.999977676
2015	2	47053	MAG0057_2G	2	0	8.916667	8.916667	0.999778853	0.999983035
2015	2	47245	MAG0058_2G	2	189.550001	12.766667	202.316668	0.999683366	0.999615075
2015	2	47189	MAG0061_2G	2	6.75	0	6.75	1	0.999987158
2015	2	47551	MAG0069_2G	2	18.783333	0	18.783333	1	0.999964263
2015	2	47245	MAG0076_2G	2	0	14.183333	14.183333	0.999648231	0.999973015
2015	2	47980	MAG0090_2G	2	35.666667	1.583333	37.25	0.999960731	0.999929129
2015	2	47245	MAG0102_2G	2	0	12.3	12.3	0.99969494	0.999976598
2015	2	47189	MAG0106_2G	2	0	74.083333	74.083333	0.998162616	0.99985905
2015	2	17001	MAN0010_2G	2	6.083333	0	6.083333	1	0.999988426
2015	2	17873	MAN0011_2G	2	6.283333	0	6.283333	1	0.999988045

2015	2	17001	MAN0013_2G	2	97.683333	56.583333	154.266666	0.998596644	0.999706494
2015	2	17001	MAN0020_2G	2	48.183333	0	48.183333	1	0.999908327
2015	2	17873	MAN0026_2G	2	5.083333	0	5.083333	1	0.999990329
2015	2	5001	MED0014_2G	2	10.416667	0	10.416667	1	0.999980181
2015	2	5001	MED0017_2G	2	2.833333	0	2.833333	1	0.999994609
2015	2	5001	MED0024_2G	2	406.666667	0	406.666667	1	0.999226281
2015	2	5001	MED0033_2G	2	0	284.166667	284.166667	0.992952216	0.999459348
2015	2	5001	MED0055_2G	2	0	114.166667	114.166667	0.997168485	0.999782788
2015	2	5001	MED0092_2G	2	0	206.25	206.25	0.994884673	0.999607591
2015	2	5001	MED0100_2G	2	0	238.583333	238.583333	0.994082755	0.999546074
2015	2	5001	MED0155_2G	2	259.5	0	259.5	1	0.999506279
2015	2	5266	MED0189_2G	2	262.833333	0	262.833333	1	0.999499937
2015	2	5212	MED0229_2G	2	93.666667	0	93.666667	1	0.999821791
2015	2	5001	MED0241_2G	2	16.583333	0	16.583333	1	0.999968449
2015	2	5001	MED0271_2G	2	260.416667	0	260.416667	1	0.999504534
2015	2	5001	MED0286_2G	2	259	0	259	1	0.99950723
2015	2	5001	MED0357_2G	2	0	137.05	137.05	0.996600942	0.99973925
2015	2	5001	MED0565_2G	2	0	142.333333	142.333333	0.996469907	0.999729198
2015	2	5001	MED1018_2G	2	0	80	80	0.998015873	0.999847793
2015	2	5001	MED1021_2G	2	0	87.083333	87.083333	0.997840195	0.999834316
2015	2	5001	MED1023_2G	2	20.916667	0	20.916667	1	0.999960204
2015	2	5001	MED1037_2G	2	260.283334	0	260.283334	1	0.999504788
2015	2	5001	MED1061_2G	2	0	206.75	206.75	0.994872272	0.99960664
2015	2	5001	MED1062_2G	2	0	178.333333	178.333333	0.99557705	0.999660705
2015	2	5001	MED1064_2G	2	0	70.333333	70.333333	0.998255622	0.999866185
2015	2	5212	MED1066_2G	2	5.083333	0	5.083333	1	0.999990329
2015	2	5001	MED1074_2G	2	261.5	0	261.5	1	0.999502473
2015	2	5001	MED1081_2G	2	10.333333	31.666667	42	0.999214616	0.999920091
2015	2	5001	MED2005_2G	2	98	0	98	1	0.999813546
2015	2	5001	MED2010_2G	2	11.916667	0	11.916667	1	0.999977327
2015	2	5001	MED2016_2G	2	0	58.666667	58.666667	0.998544974	0.999888382
2015	2	5001	MED2026_2G	2	0	67.833334	67.833334	0.998317626	0.999870941
2015	2	5001	MED2029_2G	2	0	167.833333	167.833333	0.995837467	0.999680682
2015	2	5001	MED2053_2G	2	18.5	0	18.5	1	0.999964802
2015	2	5001	MED2066_2G	2	0	137.5	137.5	0.996589782	0.999738394
2015	2	50573	MET0001_2G	2	0	13.933333	13.933333	0.999654431	0.999973491
2015	2	50313	MET0006_2G	2	10.05	254.633333	264.683333	0.993684689	0.999496417

2015	2	50313	MET0013_2G	2	10.033334	104.8	114.833334	0.997400794	0.99978152
2015	2	50689	MET0014_2G	2	10.866667	110.249998	121.116665	0.997265625	0.999769565
2015	2	50001	MET0015_2G	2	1402.483333	0	1402.483333	1	0.997331653
2015	2	50318	MET0020_2G	2	9.733334	102.200001	111.933335	0.997465278	0.999787037
2015	2	50110	MET0023_2G	2	17.733333	38.899999	56.633332	0.999035218	0.99989225
2015	2	50689	MET0024_2G	2	14.483333	103.283334	117.766667	0.997438409	0.999775939
2015	2	50287	MET0025_2G	2	9.983334	103.15	113.133334	0.997441716	0.999784754
2015	2	50568	MET0027_2G	2	41.466667	29.45	70.916667	0.999269593	0.999865075
2015	2	50711	MET0030_2G	2	20.983334	201.616667	222.600001	0.994999587	0.999576484
2015	2	50400	MET0034_2G	2	677.766661	49.816666	727.583327	0.998764468	0.998615709
2015	2	50150	MET0035_2G	2	10.183333	103.883334	114.066667	0.997423528	0.999782978
2015	2	50573	MET0037_2G	2	0	13.783334	13.783334	0.999658151	0.999973776
2015	2	50251	MET0055_2G	2	80.416667	2394.666665	2475.083332	0.940608466	0.995290937
2015	2	23001	MON0006_2G	2	0	6.266667	6.266667	0.999844577	0.999988077
2015	2	23001	MON0030_2G	2	190.033333	6.533333	196.566666	0.999837963	0.999626015
2015	2	23001	MON0036_2G	2	0	9.133333	9.133333	0.999773479	0.999982623
2015	2	23001	MON0052_2G	2	0	71.5	71.5	0.998226687	0.999863965
2015	2	23001	MON0069_2G	2	91.933334	168.649999	260.583333	0.995817212	0.999504217
2015	2	23001	MON0088_2G	2	6.433333	0	6.433333	1	0.99998776
2015	2	23001	MON8041_2G	2	0	10.333333	10.333333	0.999743717	0.99998034
2015	2	52240	NAR0005_2G	2	0	5.433333	5.433333	0.999865245	0.999989663
2015	2	52356	NAR0009_2G	2	0	4.616666	4.616666	0.999885499	0.999991216
2015	2	52399	NAR0015_2G	2	0	2.25	2.25	0.999944196	0.999995719
2015	2	52573	NAR0017_2G	2	0	5.433333	5.433333	0.999865245	0.999989663
2015	2	52835	NAR0020_2G	2	100.633334	6.716667	107.350001	0.999833416	0.999795757
2015	2	52390	NAR0025_2G	2	52.183334	0	52.183334	1	0.999900717
2015	2	52001	NAR0035_2G	2	53.833334	0	53.833334	1	0.999897577
2015	2	52693	NAR0036_2G	2	0	486.833333	486.833333	0.987925761	0.999073757
2015	2	52110	NAR0042_2G	2	4.95	487.65	492.6	0.987905506	0.999062785
2015	2	52378	NAR0044_2G	2	0	486.85	486.85	0.987925347	0.999073725
2015	2	52835	NAR0048_2G	2	80.333334	48.766667	129.100001	0.998790509	0.999754376
2015	2	52835	NAR0051_2G	2	30.300001	37.933333	68.233334	0.999059193	0.99987018
2015	2	52215	NAR0062_2G	2	0	4.966667	4.966667	0.999876819	0.99999055
2015	2	52835	NAR0078_2G	2	5.916667	0	5.916667	1	0.999988743
2015	2	52835	NAR0084_2G	2	6.033333	0	6.033333	1	0.999988521
2015	2	41001	NEI0002_2G	2	0	14.716667	14.716667	0.999635003	0.999972
2015	2	41001	NEI0004_2G	2	50.133334	41.15	91.283334	0.998979415	0.999826325

2015	2	41001	NEI0008_2G	2	0	14.783333	14.783333	0.99963335	0.999971873
2015	2	41001	NEI0013_2G	2	0	13	13	0.999677579	0.999975266
2015	2	41001	NEI0018_2G	2	0	3.333333	3.333333	0.999917328	0.999993658
2015	2	41001	NEI0023_2G	2	0	14.6	14.6	0.999637897	0.999972222
2015	2	41001	NEI0036_2G	2	0	115.55	115.55	0.997134177	0.999780156
2015	2	54498	NST0011_2G	2	0	25	25	0.99937996	0.999952435
2015	2	54405	NST0015_2G	2	46.833334	5.416666	52.25	0.999865658	0.99990059
2015	2	54261	NST0017_2G	2	0	40.333333	40.333333	0.998999669	0.999923262
2015	2	54670	NST0020_2G	2	0	3.333333	3.333333	0.999917328	0.999993658
2015	2	54874	NST0024_2G	2	5.833334	73.166667	79.000001	0.998185351	0.999849696
2015	2	54385	NST0026_2G	2	76.083334	50.75	126.833334	0.998741319	0.999758688
2015	2	54673	NST0036_2G	2	0	45	45	0.998883929	0.999914384
2015	2	54553	NST0052_2G	2	0	54.75	54.75	0.998642113	0.999895833
2015	2	54405	NST0058_2G	2	0	37.25	37.25	0.999076141	0.999929129
2015	2	54498	NST0059_2G	2	3.166667	0	3.166667	1	0.999993975
2015	2	54498	NST0060_2G	2	3.25	0	3.25	1	0.999993817
2015	2	52001	PAS0007_2G	2	3.066667	0	3.066667	1	0.999994165
2015	2	66001	PER0001_2G	2	0	5.05	5.05	0.999874752	0.999990392
2015	2	66001	PER0008_2G	2	63.533333	0	63.533333	1	0.999879122
2015	2	66001	PER0009_2G	2	0	612.75	612.75	0.984802827	0.998834189
2015	2	66170	PER0027_2G	2	0	19.033334	19.033334	0.999527943	0.999963787
2015	2	66001	PER0029_2G	2	33.033333	0	33.033333	1	0.999937151
2015	2	66170	PER0037_2G	2	0	2.616667	2.616667	0.999935103	0.999995022
2015	2	66001	PER0042_2G	2	0	28.433334	28.433334	0.999294808	0.999945903
2015	2	66170	PER0043_2G	2	1.083333	3.666667	4.75	0.999909061	0.999990963
2015	2	66001	PER0047_2G	2	0	7.566667	7.566667	0.999812335	0.999985604
2015	2	66001	PER0079_2G	2	20.533333	17.25	37.783333	0.999572173	0.999928114
2015	2	19001	POP0008_2G	2	0	15.75	15.75	0.999609375	0.999970034
2015	2	19001	POP0017_2G	2	0	6.55	6.55	0.99983755	0.999987538
2015	2	86001	PUT0001_2G	3	906.666667	0	906.666667	1	0.998274987
2015	2	27001	QBD0001_2G	2	0	5.016667	5.016667	0.999875579	0.999990455
2015	2	27001	QBD0002_2G	2	0	2637.833338	2637.833338	0.934577546	0.994981291
2015	2	27001	QBD0003_2G	2	0	4.1	4.1	0.999898313	0.999992199
2015	2	63470	QUI0001_2G	2	20.7	0	20.7	1	0.999960616
2015	2	63594	QUI0002_2G	2	393	0	393	1	0.999252283
2015	2	63130	QUI0003_2G	2	5.516666	0	5.516666	1	0.999989504
2015	2	63130	QUI0005_2G	2	373.133333	0	373.133333	1	0.999290081

2015	2	63690	QUI0008_2G	2	17.85	268.466667	286.316667	0.993341601	0.999455257
2015	2	63470	QUI0009_2G	2	20.4	0	20.4	1	0.999961187
2015	2	63594	QUI0010_2G	2	718.066667	0	718.066667	1	0.998633815
2015	2	63272	QUI0011_2G	2	13.333333	0	13.333333	1	0.999974632
2015	2	63272	QUI0012_2G	2	13.95	0	13.95	1	0.999973459
2015	2	63470	QUI0014_2G	2	20.316667	0	20.316667	1	0.999961346
2015	2	63690	QUI0016_2G	2	7.566667	0	7.566667	1	0.999985604
2015	2	63212	QUI0019_2G	2	406.466667	0	406.466667	1	0.999226662
2015	2	63401	QUI0020_2G	2	19.983334	0	19.983334	1	0.99996198
2015	2	63001	QUI0022_2G	2	7.366667	0	7.366667	1	0.999985984
2015	2	63130	QUI0024_2G	2	0	3.583333	3.583333	0.999911128	0.999993182
2015	2	44001	RIO0008_2G	2	0	17.5	17.5	0.999565972	0.999966705
2015	2	44001	RIO0017_2G	2	0	9.75	9.75	0.999758185	0.99998145
2015	2	44001	RIO0021_2G	2	162.5	0	162.5	1	0.99969083
2015	2	44001	RIO8001_2G	2	0	125.416667	125.416667	0.996889468	0.999761384
2015	2	66001	RIS0003_2G	2	0	203.966666	203.966666	0.994941303	0.999611936
2015	2	66001	RIS0004_2G	2	0	5.033333	5.033333	0.999875165	0.999990424
2015	2	63190	RIS0008_2G	2	28.316667	0	28.316667	1	0.999946125
2015	2	66001	RIS0009_2G	2	0	5	5	0.999875992	0.999990487
2015	2	66440	RIS0010_2G	2	11.766667	1.533333	13.3	0.999961971	0.999974696
2015	2	66088	RIS0011_2G	2	0	5.016667	5.016667	0.999875579	0.999990455
2015	2	66001	RIS0029_2G	2	0	4.833333	4.833333	0.999880126	0.999990804
2015	2	66001	RIS0031_2G	2	43.616667	0	43.616667	1	0.999917015
2015	2	66045	RIS0033_2G	2	0	4.816667	4.816667	0.999880539	0.999990836
2015	2	66001	RIS0035_2G	2	17.9	160.733334	178.633334	0.996013558	0.999660134
2015	2	66594	RIS0036_2G	2	13.599999	107.783333	121.383332	0.997326802	0.999769058
2015	2	66687	RIS0041_2G	2	0	4.8	4.8	0.999880952	0.999990868
2015	2	66400	RIS0048_2G	2	0	3.866667	3.866667	0.999904101	0.999992643
2015	2	66088	RIS0050_2G	2	0	25.183333	25.183333	0.999375413	0.999952087
2015	2	88001	SAN0001_2G	3	1792.166666	80.583333	1872.749999	0.998001405	0.996436929
2015	2	88001	SAN0002_2G	3	89.5326	84	173.5326	0.997916667	0.999669839
2015	2	88001	SAN0003_2G	3	573.749999	84.083333	657.833332	0.9979146	0.998748415
2015	2	88001	SAN0004_2G	3	555.833333	82.333333	638.166666	0.997958003	0.998785832
2015	2	88001	SAN0005_2G	3	1809.083334	83.083333	1892.166667	0.997939401	0.996399987
2015	2	88564	SAN0006_2G	3	5.566667	134.7	140.266667	0.996659226	0.99973313
2015	2	88564	SAN0007_2G	3	6.816667	179.116667	185.933334	0.995557622	0.999646246
2015	2	88001	SAN0008_2G	3	2017.783333	82.333333	2100.116666	0.997958003	0.996004344

2015	2	88001	SAN0009_2G	3	1300.766667	80.833333	1381.6	0.997995205	0.997371385
2015	2	88001	SAN0010_2G	3	544.749999	142.083333	686.833332	0.996476108	0.998693239
2015	2	88001	SAN0011_2G	3	542.916667	82.833333	625.75	0.997945602	0.998809456
2015	2	68547	SAT0002_2G	2	92.25	0	92.25	1	0.999824486
2015	2	68209	SAT0014_2G	2	0	3.083333	3.083333	0.999923528	0.999994134
2015	2	68500	SAT0015_2G	2	0	1.833333	1.833333	0.99995453	0.999996512
2015	2	68770	SAT0016_2G	2	0	4.833333	4.833333	0.999880126	0.999990804
2015	2	68770	SAT0017_2G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	15686	SAT0019_2G	2	0	4.833334	4.833334	0.999880126	0.999990804
2015	2	68077	SAT0021_2G	2	0	140.100001	140.100001	0.996525298	0.999733447
2015	2	68861	SAT0022_2G	2	0	5	5	0.999875992	0.999990487
2015	2	68081	SAT0042_2G	2	26.25	0	26.25	1	0.999950057
2015	2	68655	SAT0045_2G	2	64.25	51.25	115.5	0.998728919	0.999780251
2015	2	68081	SAT0051_2G	2	126.083333	0	126.083333	1	0.999760115
2015	2	68689	SAT0055_2G	2	40.166667	22.75	62.916667	0.999435764	0.999880296
2015	2	68190	SAT0061_2G	2	0	259.083333	259.083333	0.993574322	0.999507071
2015	2	68190	SAT0063_2G	2	33	857.5	890.5	0.978732639	0.998305746
2015	2	68327	SAT0064_2G	2	0	4.833334	4.833334	0.999880126	0.999990804
2015	2	68190	SAT0065_2G	2	34.583334	852.416667	887.000001	0.978858714	0.998312405
2015	2	68190	SAT0066_2G	2	35.583334	0	35.583334	1	0.9999323
2015	2	68655	SAT0067_2G	2	47.583333	50.75	98.333333	0.998741319	0.999812912
2015	2	54385	SAT0068_2G	2	50.416667	22.666667	73.083334	0.999437831	0.999860953
2015	2	68655	SAT0069_2G	2	48.416667	22.666667	71.083334	0.999437831	0.999864758
2015	2	68418	SAT0075_2G	2	1.583333	0	1.583333	1	0.999996988
2015	2	68235	SAT0077_2G	2	35.083334	0	35.083334	1	0.999933251
2015	2	68573	SAT0080_2G	2	35	0	35	1	0.999933409
2015	2	68572	SAT0081_2G	2	0	25.333334	25.333334	0.999371693	0.999951801
2015	2	68081	SAT0083_2G	2	32.666667	0	32.666667	1	0.999937849
2015	2	68745	SAT0086_2G	2	34.333333	0	34.333333	1	0.999934678
2015	2	68770	SAT0105_2G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	68092	SAT0109_2G	2	52.5	23	75.5	0.999429563	0.999856355
2015	2	68547	SAT0110_2G	2	15.583333	0	15.583333	1	0.999970351
2015	2	68081	SAT0114_2G	2	34.166667	0	34.166667	1	0.999934995
2015	2	68406	SAT0120_2G	2	0	144.583334	144.583334	0.996414104	0.999724918
2015	2	70001	SIN0006_2G	2	0	129.266667	129.266667	0.996793981	0.999754059
2015	2	70001	SIN0008_2G	2	116.333335	0	116.333335	1	0.999778666
2015	2	70001	SIN0010_2G	2	0	129.2	129.2	0.996795635	0.999754186

2015	2	70001	SIN0013_2G	2	107.883333	0	107.883333	1	0.999794743
2015	2	70001	SIN0017_2G	2	0	84.75	84.75	0.997898065	0.999838756
2015	2	70001	SIN0021_2G	2	0	13.25	13.25	0.999671379	0.999974791
2015	2	70001	SIN0023_2G	2	220.466667	0	220.466667	1	0.999580543
2015	2	70001	SIN0036_2G	2	0	1.333333	1.333333	0.999966931	0.999997463
2015	2	70001	SIN0041_2G	2	0	697.466667	697.466667	0.98270172	0.998673009
2015	2	70001	SIN0048_2G	2	0	258.75	258.75	0.993582589	0.999507705
2015	2	70001	SIN8028_2G	2	79.866667	22.75	102.616667	0.999435764	0.999804763
2015	2	70001	SIN8030_2G	2	4.016667	67.466667	71.483334	0.99832672	0.999863997
2015	2	47001	SMA0003_2G	2	0	42.833333	42.833333	0.998937665	0.999918506
2015	2	47001	SMA0021_2G	2	133.75	21	154.75	0.999479167	0.999705575
2015	2	47001	SMA0023_2G	2	20.583333	0	20.583333	1	0.999960838
2015	2	47001	SMA0026_2G	2	7.916667	19.416667	27.333334	0.999518436	0.999947996
2015	2	47001	SMA0053_2G	2	0	290.5	290.5	0.992795139	0.999447298
2015	2	47001	SMA0059_2G	2	33.583333	0	33.583333	1	0.999936105
2015	2	47001	SMA0062_2G	2	0	156.083333	156.083333	0.996128886	0.999703038
2015	2	47001	SMA0069_2G	2	3.5	0	3.5	1	0.999993341
2015	2	47001	SMA0070_2G	2	0	13.583333	13.583333	0.999663112	0.999974157
2015	2	47001	SMA0078_2G	2	0	41.666667	41.666667	0.998966601	0.999920726
2015	2	47001	SMA0085_2G	2	0	71.75	71.75	0.998220486	0.999863489
2015	2	47001	SMA0087_2G	2	4.75	0	4.75	1	0.999990963
2015	2	47001	SMA0089_2G	2	0	286.166667	286.166667	0.992902612	0.999455543
2015	2	47001	SMA0094_2G	2	70.500001	0	70.500001	1	0.999865868
2015	2	47001	SMA0099_2G	2	4.833333	40	44.833333	0.999007937	0.999914701
2015	2	47001	SMA0105_2G	2	0	62.666667	62.666667	0.998445767	0.999880771
2015	2	47001	SMA0117_2G	2	0	49.416667	49.416667	0.998774388	0.99990598
2015	2	47001	SMA0124_2G	2	20.583333	0	20.583333	1	0.999960838
2015	2	47001	SMA0140_2G	2	30.333333	0	30.333333	1	0.999942288
2015	2	47001	SMA8114_2G	2	255.75	0	255.75	1	0.999513413
2015	2	47001	SMA8115_2G	2	0	264.150001	264.150001	0.993448661	0.999497432
2015	2	70678	SUC0003_2G	2	0	280.333333	280.333333	0.993047288	0.999466641
2015	2	70215	SUC0009_2G	2	0	7.95	7.95	0.999802827	0.999984874
2015	2	70771	SUC0011_2G	2	4.5	0	4.5	1	0.999991438
2015	2	70742	SUC0012_2G	2	0	3.4	3.4	0.999915675	0.999993531
2015	2	70820	SUC0019_2G	2	196.3	0	196.3	1	0.999626522
2015	2	70508	SUC0020_2G	2	146.933334	0	146.933334	1	0.999720446
2015	2	70429	SUC0021_2G	2	7.883333	1.75	9.633333	0.999956597	0.999981672

2015	2	70233	SUC0023_2G	2	16.883334	0	16.883334	1	0.999967878
2015	2	70473	SUC0024_2G	2	0	3.95	3.95	0.999902034	0.999992485
2015	2	70713	SUC0027_2G	2	331.466667	0	331.466667	1	0.999369356
2015	2	70215	SUC0030_2G	2	0	5.266667	5.266667	0.999869378	0.99998998
2015	2	70702	SUC0036_2G	2	0	7.35	7.35	0.999817708	0.999986016
2015	2	70265	SUC0044_2G	2	8.966667	0	8.966667	1	0.99998294
2015	2	70001	SUC0045_2G	2	0	10.683333	10.683333	0.999735036	0.999979674
2015	2	70820	SUC0048_2G	2	3.033334	0	3.033334	1	0.999994229
2015	2	70820	SUC0049_2G	2	348.816667	0	348.816667	1	0.999336346
2015	2	70418	SUC0050_2G	2	1.15	0	1.15	1	0.999997812
2015	2	70702	SUC0054_2G	2	0	6.416666	6.416666	0.999840856	0.999987792
2015	2	70820	SUC0063_2G	2	0	154.233333	154.233333	0.996174769	0.999706558
2015	2	70742	SUC0064_2G	2	0	2.766667	2.766667	0.999931382	0.999994736
2015	2	70215	SUC0071_2G	2	0	10.683333	10.683333	0.999735036	0.999979674
2015	2	70215	SUC0072_2G	2	0	10.6	10.6	0.999737103	0.999979833
2015	2	73449	TOL0001_2G	2	36.583334	200.533333	237.116667	0.995026455	0.999548865
2015	2	25488	TOL0002_2G	2	9.866666	321.099999	330.966665	0.99203621	0.999370307
2015	2	73275	TOL0006_2G	2	192.666666	0	192.666666	1	0.999633435
2015	2	73268	TOL0007_2G	2	4.466666	0	4.466666	1	0.999991502
2015	2	73349	TOL0008_2G	2	11.733334	3.933333	15.666667	0.999902447	0.999970193
2015	2	73443	TOL0010_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	73001	TOL0013_2G	2	1.783333	0	1.783333	1	0.999996607
2015	2	73449	TOL0014_2G	2	1.916667	205.716667	207.633334	0.9948979	0.999604959
2015	2	73124	TOL0015_2G	2	38.816667	0	38.816667	1	0.999926148
2015	2	73148	TOL0016_2G	2	0	207.466667	207.466667	0.994854497	0.999605277
2015	2	73217	TOL0019_2G	2	9.666667	0	9.666667	1	0.999981608
2015	2	73483	TOL0020_2G	2	10.083333	0	10.083333	1	0.999980816
2015	2	73585	TOL0021_2G	2	1.85	0	1.85	1	0.99999648
2015	2	73168	TOL0023_2G	2	2.1	0	2.1	1	0.999996005
2015	2	73275	TOL0024_2G	2	2.033333	0	2.033333	1	0.999996131
2015	2	73055	TOL0026_2G	2	0	2.5	2.5	0.999937996	0.999995244
2015	2	73408	TOL0027_2G	2	0	2.466666	2.466666	0.999938823	0.999995307
2015	2	73861	TOL0028_2G	2	7.1	17.716667	24.816667	0.999560599	0.999952784
2015	2	73449	TOL0030_2G	2	21.883333	200.066667	221.95	0.995038029	0.999577721
2015	2	73678	TOL0031_2G	2	1181.933332	0	1181.933332	1	0.997751268
2015	2	73026	TOL0032_2G	2	7.033333	17.7	24.733333	0.999561012	0.999952943
2015	2	73055	TOL0034_2G	2	0	2.483333	2.483333	0.999938409	0.999995275

2015	2	73001	TOL0035_2G	2	33.55	0	33.55	1	0.999936168
2015	2	73001	TOL0036_2G	2	38.816667	0	38.816667	1	0.999926148
2015	2	73200	TOL0037_2G	2	97.183333	419.250001	516.433334	0.989601934	0.99901744
2015	2	73547	TOL0047_2G	2	4	17.683333	21.683333	0.999561425	0.999958746
2015	2	73504	TOL0048_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	73217	TOL0051_2G	2	1.966667	0	1.966667	1	0.999996258
2015	2	73349	TOL0059_2G	2	31.783333	1.25	33.033333	0.999968998	0.999937151
2015	2	73268	TOL0062_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	73124	TOL0064_2G	2	38.25	0	38.25	1	0.999927226
2015	2	73449	TOL0069_2G	2	1.666667	200.083333	201.75	0.995037616	0.999616153
2015	2	73124	TOL0071_2G	2	38.683333	0	38.683333	1	0.999926402
2015	2	73449	TOL0079_2G	2	1.666667	200.066667	201.733334	0.995038029	0.999616185
2015	2	15001	TUN0009_2G	2	18.266667	0	18.266667	1	0.999965246
2015	2	15001	TUN0011_2G	2	0	83.916667	83.916667	0.997918733	0.999840341
2015	2	76834	VAC0013_2G	2	5.199999	0	5.199999	1	0.999990107
2015	2	76147	VAC0014_2G	2	2.216667	0	2.216667	1	0.999995783
2015	2	76111	VAC0017_2G	2	0	3.483333	3.483333	0.999913608	0.999993373
2015	2	76895	VAC0020_2G	2	6.816667	0	6.816667	1	0.999987031
2015	2	76823	VAC0022_2G	2	19.933333	0	19.933333	1	0.999962075
2015	2	76126	VAC0023_2G	2	3.55	0	3.55	1	0.999993246
2015	2	76400	VAC0029_2G	2	0	7.783333	7.783333	0.999806961	0.999985192
2015	2	76109	VAC0040_2G	2	0	3.066667	3.066667	0.999923942	0.999994165
2015	2	76233	VAC0043_2G	2	3.55	0	3.55	1	0.999993246
2015	2	76233	VAC0044_2G	2	3.316667	0	3.316667	1	0.99999369
2015	2	76233	VAC0045_2G	2	11.333333	0	11.333333	1	0.999978437
2015	2	76130	VAC0049_2G	2	0	6.933333	6.933333	0.999828042	0.999986809
2015	2	76377	VAC0062_2G	2	3.616667	0	3.616667	1	0.999993119
2015	2	76126	VAC0064_2G	2	3.316667	0	3.316667	1	0.99999369
2015	2	76109	VAC0066_2G	2	62.75	212.6	275.35	0.994727183	0.999476123
2015	2	76306	VAC0074_2G	2	13.216666	0	13.216666	1	0.999974854
2015	2	76122	VAC0075_2G	2	6.483333	0	6.483333	1	0.999987665
2015	2	76233	VAC0078_2G	2	4.066667	0	4.066667	1	0.999992263
2015	2	76233	VAC0082_2G	2	62.95	30.866666	93.816666	0.999234458	0.999821506
2015	2	76606	VAC0083_2G	2	3.3	0	3.3	1	0.999993721
2015	2	76377	VAC0087_2G	2	3.266667	0	3.266667	1	0.999993785
2015	2	76233	VAC0088_2G	2	3.383333	0	3.383333	1	0.999993563
2015	2	76520	VAC0089_2G	2	1.95	0	1.95	1	0.99999629

2015	2	76109	VAC0090_2G	2	0	384.983333	384.983333	0.990451802	0.999267536
2015	2	76606	VAC0091_2G	2	3.316666	0	3.316666	1	0.99999369
2015	2	76020	VAC0094_2G	2	0	36.35	36.35	0.999098462	0.999930841
2015	2	76828	VAC0099_2G	2	4.95	0	4.95	1	0.999990582
2015	2	76130	VAC0101_2G	2	20.183334	0	20.183334	1	0.999961599
2015	2	76109	VAC0105_2G	2	5.266667	25.033333	30.3	0.999379134	0.999942352
2015	2	76109	VAC0110_2G	2	0	23.183333	23.183333	0.999425017	0.999955892
2015	2	76520	VAC0112_2G	2	4	0	4	1	0.99999239
2015	2	76126	VAC0113_2G	2	413.633333	0	413.633333	1	0.999213026
2015	2	76109	VAC0128_2G	2	1.55	0	1.55	1	0.999997051
2015	2	76233	VAC0130_2G	2	3.416667	0	3.416667	1	0.999993499
2015	2	76520	VAC0133_2G	2	2.133333	0	2.133333	1	0.999995941
2015	2	76606	VAC0135_2G	2	3.15	0	3.15	1	0.999994007
2015	2	76109	VAC0138_2G	2	5.166667	18	23.166667	0.999553571	0.999955923
2015	2	76275	VAC0139_2G	2	0	71.416667	71.416667	0.998228753	0.999864124
2015	2	76520	VAC0164_2G	2	0	12.433333	12.433333	0.999691634	0.999976344
2015	2	20001	VAL0008_2G	2	5	0	5	1	0.999990487
2015	2	20001	VAL0011_2G	2	139.333333	0	139.333333	1	0.999734906
2015	2	20001	VAL0042_2G	2	6.916667	0	6.916667	1	0.99998684
2015	2	20001	VAL0044_2G	2	0	129.166667	129.166667	0.996796462	0.999754249
2015	2	20001	VAL0052_2G	2	0	38.166667	38.166667	0.999053406	0.999927385
2015	2	20001	VAL0059_2G	2	54.5	0	54.5	1	0.999896309
2015	2	20001	VAL0067_2G	2	52.75	0	52.75	1	0.999899639
2015	2	97001	VAU0001_2G	3	61	1644.25	1705.25	0.95921999	0.996755613
2015	2	99001	VIC0001_2G	3	674.25	2.666667	676.916667	0.999933862	0.998712107
2015	2	99773	VIC0003_2G	3	1858.416668	55.416667	1913.833335	0.998625579	0.996358765
2015	2	99773	VIC0005_2G	3	9039.700001	2369.233333	11408.93333	0.941239253	0.978293506
2015	2	99773	VIC0006_2G	3	171.916667	36.500001	208.416668	0.999094742	0.999603469
2015	2	99773	VIC0007_2G	3	3.583333	0	3.583333	1	0.999993182
2015	2	50001	VIL0003_2G	2	0	2	2	0.999950397	0.999996195
2015	2	50001	VIL0005_2G	2	2.5	0	2.5	1	0.999995244
2015	2	50001	VIL0006_2G	2	1.25	0	1.25	1	0.999997622
2015	2	50001	VIL0009_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	50001	VIL0011_2G	2	1.833333	2.916667	4.75	0.999927662	0.999990963
2015	2	50001	VIL0012_2G	2	3.083333	0	3.083333	1	0.999994134
2015	2	50001	VIL0014_2G	2	1.833333	4.166667	6	0.99989666	0.999988584
2015	2	50001	VIL0019_2G	2	1.833333	3.166667	5	0.999921462	0.999990487

2015	2	50001	VIL0020_2G	2	3.166667	0	3.166667	1	0.999993975
2015	2	50001	VIL0021_2G	2	1.75	768.833333	770.583333	0.980931713	0.998533898
2015	2	50001	VIL0028_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	50001	VIL0032_2G	2	1.833333	0	1.833333	1	0.999996512
2015	2	50001	VIL0033_2G	2	13.083333	0	13.083333	1	0.999975108
2015	2	50001	VIL0034_2G	2	1.833333	42.25	44.083333	0.998952133	0.999916128
2015	2	50001	VIL0045_2G	2	3.083333	103.083333	106.166666	0.99744337	0.999798009
2015	2	91001	AMA0001_3G	3	156.800001	140.516668	297.316669	0.996514964	0.999434329
2015	2	5318	ANT0004_3G	2	0	10.45	10.45	0.999740823	0.999980118
2015	2	5615	ANT0019_3G	2	7.383333	0	7.383333	1	0.999985953
2015	2	5656	ANT0027_3G	2	0	181.3	181.3	0.995503472	0.999655061
2015	2	5837	ANT0032_3G	2	3.333333	0	3.333333	1	0.999993658
2015	2	5129	ANT0035_3G	2	5.4	0	5.4	1	0.999989726
2015	2	5679	ANT0036_3G	2	7.15	0	7.15	1	0.999986396
2015	2	5390	ANT0039_3G	2	7.133333	0	7.133333	1	0.999986428
2015	2	5390	ANT0040_3G	2	6.95	0	6.95	1	0.999986777
2015	2	5030	ANT0041_3G	2	7.166667	0	7.166667	1	0.999986365
2015	2	5282	ANT0042_3G	2	7.166667	0	7.166667	1	0.999986365
2015	2	15572	ANT0046_3G	2	0	11.933333	11.933333	0.999704034	0.999977296
2015	2	5237	ANT0047_3G	2	660.5	0	660.5	1	0.998743341
2015	2	5686	ANT0049_3G	2	216.9	11.166667	228.066667	0.999723049	0.999566083
2015	2	5854	ANT0058_3G	2	0	821.566667	821.566667	0.979623843	0.998436898
2015	2	5790	ANT0065_3G	2	0	922.950001	922.950001	0.977109375	0.998244007
2015	2	5790	ANT0067_3G	2	0	168.033331	168.033331	0.995832507	0.999680302
2015	2	5154	ANT0072_3G	2	0	181.25	181.25	0.995504712	0.999655156
2015	2	5837	ANT0073_3G	2	2.4	0	2.4	1	0.999995434
2015	2	5266	ANT0077_3G	2	19.95	0	19.95	1	0.999962043
2015	2	5045	ANT0082_3G	2	2.133333	0	2.133333	1	0.999995941
2015	2	5615	ANT0085_3G	2	6.8	29.8	36.6	0.999260913	0.999930365
2015	2	5579	ANT0094_3G	2	119.75	0	119.75	1	0.999772165
2015	2	5250	ANT0095_3G	2	7.016667	0	7.016667	1	0.99998665
2015	2	5861	ANT0097_3G	2	154.616666	100.883333	255.499999	0.997497933	0.999513889
2015	2	5321	ANT0107_3G	2	19.966667	0	19.966667	1	0.999962012
2015	2	5306	ANT0113_3G	2	698.07935	0	698.07935	1	0.998671843
2015	2	5837	ANT0122_3G	2	6.45	0	6.45	1	0.999987728
2015	2	5837	ANT0130_3G	2	2.7	0	2.7	1	0.999994863
2015	2	5318	ANT0137_3G	2	0	181.75	181.75	0.995492312	0.999654205

2015	2	5154	ANT0138_3G	2	0	143.899999	143.899999	0.996431052	0.999726218
2015	2	15572	ANT0139_3G	2	0	11.533333	11.533333	0.999713955	0.999978057
2015	2	5425	ANT0144_3G	2	216.616666	10.683333	227.299999	0.999735036	0.999567542
2015	2	5697	ANT0149_3G	2	0	464.6	464.6	0.988477183	0.999116058
2015	2	5495	ANT0151_3G	2	0	38.316667	38.316667	0.999049686	0.999927099
2015	2	5837	ANT0152_3G	2	5.15	0	5.15	1	0.999990202
2015	2	5658	ANT0165_3G	2	239.533335	14.966667	254.500002	0.999628803	0.999515791
2015	2	5819	ANT0168_3G	2	233.649999	15.183333	248.833332	0.999623429	0.999526573
2015	2	5656	ANT0176_3G	2	0	165.483333	165.483333	0.995895751	0.999685153
2015	2	5615	ANT0181_3G	2	0	182.433333	182.433333	0.995475364	0.999652905
2015	2	5579	ANT0188_3G	2	119.583333	0	119.583333	1	0.999772482
2015	2	5809	ANT0191_3G	2	8.066667	78.85	86.916667	0.998044395	0.999834633
2015	2	5129	ANT0193_3G	2	0	339.683333	339.683333	0.991575314	0.999353723
2015	2	5837	ANT0195_3G	2	3.816667	0	3.816667	1	0.999992738
2015	2	5001	ANT0197_3G	2	4.333333	0	4.333333	1	0.999991755
2015	2	5736	ANT1002_3G	2	0	18.833333	18.833333	0.999532903	0.999964168
2015	2	5045	ANT1004_3G	2	109.75	0	109.75	1	0.999791191
2015	2	5667	ANT1008_3G	2	0	179.266667	179.266667	0.995553902	0.999658929
2015	2	5895	ANT1009_3G	2	0	7.616667	7.616667	0.999811095	0.999985509
2015	2	5789	ANT1010_3G	2	7.15	0	7.15	1	0.999986396
2015	2	5034	ANT1011_3G	2	735.6	76.633334	812.233334	0.998099372	0.998454655
2015	2	5101	ANT1012_3G	2	84	0	84	1	0.999840183
2015	2	5364	ANT1013_3G	2	16.416667	39.066667	55.483334	0.999031085	0.999894438
2015	2	15572	ANT1014_3G	2	0	12	12	0.999702381	0.999977169
2015	2	5480	ANT1016_3G	2	58.566667	0	58.566667	1	0.999888572
2015	2	5045	ANT1019_3G	2	4.35	0	4.35	1	0.999991724
2015	2	5120	ANT1023_3G	2	0	351.566667	351.566667	0.991280589	0.999331114
2015	2	5282	ANT1024_3G	2	6.6	0	6.6	1	0.999987443
2015	2	5756	ANT1026_3G	2	70.533333	0	70.533333	1	0.999865804
2015	2	5368	ANT1035_3G	2	7.083333	0	7.083333	1	0.999986523
2015	2	5209	ANT1036_3G	2	8.083333	0	8.083333	1	0.999984621
2015	2	5002	ANT1038_3G	2	5.366667	28.783333	34.15	0.999286128	0.999935027
2015	2	5480	ANT1041_3G	2	70.55	0	70.55	1	0.999865772
2015	2	5197	ANT1049_3G	2	4.983333	22.25	27.233333	0.999448165	0.999948186
2015	2	5234	ANT1050_3G	2	6.45	0	6.45	1	0.999987728
2015	2	5284	ANT1051_3G	2	6.566667	0	6.566667	1	0.999987506
2015	2	5361	ANT1052_3G	2	231.850001	15.166667	247.016668	0.999623843	0.999530029

2015	2	5819	ANT1053_3G	2	233.983332	15.266667	249.249999	0.999621362	0.99952578
2015	2	5642	ANT1058_3G	2	8.05	74.9	82.95	0.998142361	0.99984218
2015	2	5649	ANT1059_3G	2	1424.633333	303.833333	1728.466666	0.992464451	0.996711441
2015	2	5665	ANT1061_3G	2	239.816667	18.616667	258.433334	0.999538277	0.999508308
2015	2	5670	ANT1062_3G	2	216.616667	10.6	227.216667	0.999737103	0.9995677
2015	2	5282	ANT1063_3G	2	7.566667	0	7.566667	1	0.999985604
2015	2	5847	ANT1064_3G	2	6.6	0	6.6	1	0.999987443
2015	2	5858	ANT1065_3G	2	38.8	0	38.8	1	0.99992618
2015	2	5842	ANT1067_3G	2	26.733334	0	26.733334	1	0.999949137
2015	2	5190	ANT1069_3G	2	6.466667	0	6.466667	1	0.999987697
2015	2	5690	ANT1070_3G	2	0	62.816667	62.816667	0.998442047	0.999880486
2015	2	5885	ANT1071_3G	2	214.883333	10.5	225.383333	0.999739583	0.999571188
2015	2	5893	ANT1072_3G	2	15.75	69.816667	85.566667	0.998268436	0.999837202
2015	2	5240	ANT1073_3G	2	133.833334	0	133.833334	1	0.99974537
2015	2	5264	ANT1077_3G	2	206.833334	11.216667	218.050001	0.999721809	0.999585141
2015	2	5093	ANT1078_3G	2	8	0	8	1	0.999984779
2015	2	5856	ANT1079_3G	2	7.166667	0	7.166667	1	0.999986365
2015	2	5145	ANT1080_3G	2	8.15	0	8.15	1	0.999984494
2015	2	5318	ANT1082_3G	2	0	430.783333	430.783333	0.98931589	0.999180397
2015	2	5036	ANT1083_3G	2	20.4	0	20.4	1	0.999961187
2015	2	5792	ANT1087_3G	2	7.2	77.866666	85.066666	0.998068783	0.999838153
2015	2	5376	ANT1090_3G	2	0	451.566667	451.566667	0.98880043	0.999140855
2015	2	5679	ANT1091_3G	2	7.116667	0	7.116667	1	0.99998646
2015	2	5154	ANT1094_3G	2	0	220.233333	220.233333	0.994537864	0.999580987
2015	2	5212	ANT1096_3G	2	0	231.633333	231.633333	0.994255126	0.999559297
2015	2	5501	ANT1097_3G	2	104.783333	0	104.783333	1	0.999800641
2015	2	5591	ANT1099_3G	2	0	12.133333	12.133333	0.999699074	0.999976915
2015	2	81001	ARA0001_3G	3	0	13.45	13.45	0.999666419	0.99997441
2015	2	81794	ARA0002_3G	3	6.616667	2.516667	9.133334	0.999937583	0.999982623
2015	2	81001	ARA0010_3G	3	3.45	29.633333	33.083333	0.999265046	0.999937056
2015	2	63001	ARM0004_3G	2	165.183333	0	165.183333	1	0.999685724
2015	2	63001	ARM0011_3G	2	0	4.25	4.25	0.999894593	0.999991914
2015	2	63001	ARM0018_3G	2	0	56.133333	56.133333	0.998607804	0.999893201
2015	2	63001	ARM0021_3G	2	0	168.25	168.25	0.995827133	0.99967989
2015	2	63001	ARM0030_3G	2	289.6	0	289.6	1	0.999449011
2015	2	8832	ATL0003_3G	2	8.75	0	8.75	1	0.999983352
2015	2	8372	ATL0008_3G	2	289.733332	0	289.733332	1	0.999448757

2015	2	8433	ATL0013_3G	2	0	10.65	10.65	0.999735863	0.999979737
2015	2	8685	ATL0014_3G	2	0	267.5	267.5	0.993365575	0.999491058
2015	2	8137	ATL0019_3G	2	465.750002	24.133333	489.883335	0.999401455	0.999067954
2015	2	8634	ATL0020_3G	2	0	2.183333	2.183333	0.99994585	0.999995846
2015	2	8372	ATL0022_3G	2	293.983334	117.683333	411.666667	0.997081267	0.999216768
2015	2	8606	ATL0028_3G	2	0	4.466667	4.466667	0.99988922	0.999991502
2015	2	8558	ATL0029_3G	2	0	28.033333	28.033333	0.999304729	0.999946664
2015	2	8638	ATL0030_3G	2	0	2.166667	2.166667	0.999946263	0.999995878
2015	2	8849	ATL0032_3G	2	7.85	12.183334	20.033334	0.999697834	0.999961885
2015	2	8832	ATL0033_3G	2	424.3	6.616667	430.916667	0.999835896	0.999180143
2015	2	8078	ATL0043_3G	2	4.033333	101.916667	105.95	0.997472305	0.999798421
2015	2	8078	ATL0046_3G	2	0	98	98	0.997569444	0.999813546
2015	2	8078	ATL0052_3G	2	5.383333	103.566666	108.949999	0.997431382	0.999792713
2015	2	8638	ATL0053_3G	2	122.266667	2.183333	124.45	0.99994585	0.999763223
2015	2	8520	ATL0055_3G	2	0	69.566667	69.566667	0.998274636	0.999867643
2015	2	8560	ATL0057_3G	2	0	3.116667	3.116667	0.999922702	0.99999407
2015	2	8078	ATL0062_3G	2	158.583334	0	158.583334	1	0.999698281
2015	2	8832	ATL0077_3G	2	0	4.083333	4.083333	0.999898727	0.999992231
2015	2	8549	ATL0078_3G	2	265.266667	1414.116667	1679.383334	0.964927662	0.996804826
2015	2	8606	ATL0083_3G	2	0	64.916666	64.916666	0.998389964	0.99987649
2015	2	8638	ATL0084_3G	2	0	2.166667	2.166667	0.999946263	0.999995878
2015	2	8634	ATL0088_3G	2	0	475.916667	475.916667	0.988196511	0.999094527
2015	2	8078	ATL0092_3G	2	3.716667	0	3.716667	1	0.999992929
2015	2	8078	ATL0093_3G	2	526.75	111.233334	637.983334	0.997241237	0.998786181
2015	2	8372	ATL0097_3G	2	265.983333	0	265.983333	1	0.999493943
2015	2	8372	ATL0098_3G	2	112.900001	0	112.900001	1	0.999785198
2015	2	8573	ATL0099_3G	2	148.666667	99.966667	248.633334	0.997520668	0.999526953
2015	2	8638	ATL0100_3G	2	0	2.2	2.2	0.999945437	0.999995814
2015	2	8433	ATL0101_3G	2	0	2.166667	2.166667	0.999946263	0.999995878
2015	2	8433	ATL0106_3G	2	0	79.5	79.5	0.998028274	0.999848744
2015	2	8558	ATL0107_3G	2	0	8.566666	8.566666	0.999787533	0.999983701
2015	2	8638	ATL0108_3G	2	385.266667	2.183333	387.45	0.99994585	0.999262842
2015	2	8520	ATL0109_3G	2	0	2.166667	2.166667	0.999946263	0.999995878
2015	2	8558	ATL0121_3G	2	49.85	0	49.85	1	0.999905156
2015	2	8638	ATL0128_3G	2	0	2.166667	2.166667	0.999946263	0.999995878
2015	2	8001	BAR0013_3G	2	0	18.116667	18.116667	0.999550678	0.999965531
2015	2	8001	BAR0015_3G	2	0	4.233333	4.233333	0.999895007	0.999991946

2015	2	8001	BAR0029_3G	2	2.6	0	2.6	1	0.999995053
2015	2	8001	BAR0033_3G	2	7.3	0	7.3	1	0.999986111
2015	2	8001	BAR0036_3G	2	0	41.033333	41.033333	0.998982308	0.99992193
2015	2	8001	BAR0057_3G	2	0	124.683333	124.683333	0.996907655	0.999762779
2015	2	8001	BAR0059_3G	2	137.549999	0	137.549999	1	0.999738299
2015	2	8001	BAR0060_3G	2	0	231.45	231.45	0.994259673	0.999559646
2015	2	8758	BAR0071_3G	2	0	22.5	22.5	0.999441964	0.999957192
2015	2	8001	BAR0075_3G	2	0	23.116667	23.116667	0.99942667	0.999956019
2015	2	8001	BAR0076_3G	2	0	11.466667	11.466667	0.999715608	0.999978184
2015	2	8001	BAR0081_3G	2	0	2.516667	2.516667	0.999937583	0.999995212
2015	2	8758	BAR0083_3G	2	129.65	0	129.65	1	0.99975333
2015	2	8758	BAR0087_3G	2	0	6.583333	6.583333	0.999836723	0.999987475
2015	2	8001	BAR0092_3G	2	10.05	0	10.05	1	0.999980879
2015	2	8001	BAR0099_3G	2	0	85.666667	85.666667	0.997875331	0.999837012
2015	2	8001	BAR0109_3G	2	108.683333	10.5	119.183333	0.999739583	0.999773243
2015	2	8001	BAR0114_3G	2	0	238.516667	238.516667	0.994084408	0.999546201
2015	2	8001	BAR0117_3G	2	75.449999	0	75.449999	1	0.99985645
2015	2	8001	BAR0130_3G	2	6.8	26.616667	33.416667	0.999339864	0.999936422
2015	2	8001	BAR0139_3G	2	125.716667	0	125.716667	1	0.999760813
2015	2	8001	BAR0165_3G	2	0	6.583333	6.583333	0.999836723	0.999987475
2015	2	8001	BAR0173_3G	2	250.516667	0	250.516667	1	0.99952337
2015	2	8001	BAR0192_3G	2	0	31.233333	31.233333	0.999225364	0.999940576
2015	2	8001	BAR0197_3G	2	4.166667	339.15	343.316667	0.991588542	0.99934681
2015	2	8001	BAR0198_3G	2	74.633333	0	74.633333	1	0.999858004
2015	2	8001	BAR0201_3G	2	0	4.916667	4.916667	0.999878059	0.999990646
2015	2	8001	BAR0202_3G	2	261.766666	0	261.766666	1	0.999501966
2015	2	8001	BAR0203_3G	2	0	68.95	68.95	0.998289931	0.999868817
2015	2	8001	BAR0206_3G	2	0	666.233334	666.233334	0.983476356	0.998732433
2015	2	8001	BAR0216_3G	2	0	52.483333	52.483333	0.99869833	0.999900146
2015	2	8001	BAR0220_3G	2	0	465.416667	465.416667	0.988456928	0.999114504
2015	2	8001	BAR0222_3G	2	24	0	24	1	0.999954338
2015	2	8001	BAR0223_3G	2	167.233333	0	167.233333	1	0.999681824
2015	2	8001	BAR0226_3G	2	0	2.733333	2.733333	0.999932209	0.9999948
2015	2	8001	BAR0236_3G	2	0	167.533333	167.533333	0.995844907	0.999681253
2015	2	8758	BAR0256_3G	2	0	88.883333	88.883333	0.997795552	0.999830892
2015	2	8001	BAR0260_3G	2	0	3.35	3.35	0.999916915	0.999993626
2015	2	8001	BAR0271_3G	2	232.933333	163.5	396.433333	0.99594494	0.999245751

2015	2	8001	BAR0280_3G	2	1231.416667	0	1231.416667	1	0.997657122
2015	2	8001	BAR0285_3G	2	0	139.5	139.5	0.996540179	0.999734589
2015	2	8001	BAR0309_3G	2	0	14.666667	14.666667	0.999636243	0.999972095
2015	2	8001	BAR0310_3G	2	139.866667	1145	1284.866667	0.971602183	0.997555429
2015	2	8001	BAR0312_3G	2	18.200001	0	18.200001	1	0.999965373
2015	2	8001	BAR0319_3G	2	0	9.75	9.75	0.999758185	0.99998145
2015	2	8758	BAR0325_3G	2	0	686.8	686.8	0.98296627	0.998693303
2015	2	8001	BAR0328_3G	2	0	77.566667	77.566667	0.998076224	0.999852423
2015	2	8001	BAR0331_3G	2	0	321.016667	321.016667	0.992038277	0.999389238
2015	2	8001	BAR0336_3G	2	0	3.866667	3.866667	0.999904101	0.999992643
2015	2	8001	BAR0364_3G	2	0	5.483333	5.483333	0.999864005	0.999989567
2015	2	8001	BAR0371_3G	2	0	19.233332	19.233332	0.999522983	0.999963407
2015	2	8573	BAR0382_3G	2	75.883333	0	75.883333	1	0.999855625
2015	2	8001	BAR0388_3G	2	45.733333	0	45.733333	1	0.999912988
2015	2	8001	BAR0392_3G	2	0	9.6	9.6	0.999761905	0.999981735
2015	2	8001	BAR0399_3G	2	84.1	0	84.1	1	0.999839992
2015	2	8758	BAR0400_3G	2	39.516667	0	39.516667	1	0.999924816
2015	2	8001	BAR0404_3G	2	159.733333	0	159.733333	1	0.999696093
2015	2	8001	BAR0417_3G	2	0	8.283333	8.283333	0.99979456	0.99998424
2015	2	8758	BAR0446_3G	2	0	149.266667	149.266667	0.99629795	0.999716007
2015	2	8001	BAR0488_3G	2	3.15	0	3.15	1	0.999994007
2015	2	8001	BAR0502_3G	2	0	25.533333	25.533333	0.999366733	0.999951421
2015	2	8001	BAR0512_3G	2	0	64.8	64.8	0.998392857	0.999876712
2015	2	8001	BAR0516_3G	2	0	233.833333	233.833333	0.994200562	0.999555112
2015	2	8001	BAR0529_3G	2	87.716667	11.316666	99.033333	0.999719329	0.99981158
2015	2	8001	BAR0532_3G	2	0	298.166667	298.166667	0.992604993	0.999432712
2015	2	8001	BAR0536_3G	2	0	14.25	14.25	0.999646577	0.999972888
2015	2	8001	BAR0540_3G	2	5.466667	0	5.466667	1	0.999989599
2015	2	8001	BAR0585_3G	2	0	64.983333	64.983333	0.99838831	0.999876364
2015	2	8001	BAR8211_3G	2	0	73.3	73.3	0.998182044	0.99986054
2015	2	11001	BOG0004_3G	2	41.783333	0	41.783333	1	0.999920504
2015	2	11001	BOG0012_3G	2	0	27.433334	27.433334	0.99931961	0.999947806
2015	2	11001	BOG0020_3G	2	237.883334	0	237.883334	1	0.999547406
2015	2	11001	BOG0023_3G	2	26.383334	0	26.383334	1	0.999949803
2015	2	11001	BOG0026_3G	2	137.45	0	137.45	1	0.999738489
2015	2	11001	BOG0027_3G	2	1396.85	0	1396.85	1	0.997342371
2015	2	11001	BOG0039_3G	2	0	14.666667	14.666667	0.999636243	0.999972095

2015	2	11001	BOG0040_3G	2	0	12.716667	12.716667	0.999684606	0.999975805
2015	2	11001	BOG0045_3G	2	134.1	0	134.1	1	0.999744863
2015	2	11001	BOG0046_3G	2	86.533334	0	86.533334	1	0.999835363
2015	2	11001	BOG0060_3G	2	106.55	100.616664	207.166664	0.997504547	0.999605847
2015	2	11001	BOG0070_3G	2	16.3	0	16.3	1	0.999968988
2015	2	11001	BOG0071_3G	2	0	9.283333	9.283333	0.999769759	0.999982338
2015	2	11001	BOG0079_3G	2	7.25	0	7.25	1	0.999986206
2015	2	11001	BOG0089_3G	2	0	54.716667	54.716667	0.99864294	0.999895897
2015	2	11001	BOG0090_3G	2	0	52.25	52.25	0.998704117	0.99990059
2015	2	11001	BOG0091_3G	2	0	6.483333	6.483333	0.999839203	0.999987665
2015	2	11001	BOG0094_3G	2	0	125.75	125.75	0.9968812	0.99976075
2015	2	11001	BOG0097_3G	2	0	40.183333	40.183333	0.99900339	0.999923548
2015	2	11001	BOG0102_3G	2	0	12.000001	12.000001	0.999702381	0.999977169
2015	2	11001	BOG0106_3G	2	960.383333	0	960.383333	1	0.998172787
2015	2	11001	BOG0109_3G	2	0	88.716667	88.716667	0.997799686	0.999831209
2015	2	11001	BOG0134_3G	2	0	29.816667	29.816667	0.999260499	0.999943271
2015	2	11001	BOG0136_3G	2	70.9	0	70.9	1	0.999865107
2015	2	11001	BOG0137_3G	2	20.116667	52.233333	72.35	0.99870453	0.999862348
2015	2	11001	BOG0146_3G	2	0	529.7	529.7	0.986862599	0.998992199
2015	2	11001	BOG0162_3G	2	6.916667	0	6.916667	1	0.99998684
2015	2	11001	BOG0168_3G	2	1300.383333	0	1300.383333	1	0.997525907
2015	2	11001	BOG0178_3G	2	0	71.416667	71.416667	0.998228753	0.999864124
2015	2	11001	BOG0179_3G	2	14.45	0	14.45	1	0.999972508
2015	2	11001	BOG0197_3G	2	82.55	0	82.55	1	0.999842941
2015	2	11001	BOG0214_3G	2	0	8.533333	8.533333	0.99978836	0.999983765
2015	2	11001	BOG0222_3G	2	9.516667	1914.566667	1924.083334	0.952515708	0.996339263
2015	2	11001	BOG0229_3G	2	53.516666	0	53.516666	1	0.99989818
2015	2	11001	BOG0237_3G	2	0	22.383333	22.383333	0.999444858	0.999957414
2015	2	11001	BOG0243_3G	2	0	191.5	191.5	0.995250496	0.999635654
2015	2	11001	BOG0258_3G	2	9.616667	0	9.616667	1	0.999981703
2015	2	11001	BOG0260_3G	2	0	8.566667	8.566667	0.999787533	0.999983701
2015	2	11001	BOG0278_3G	2	0	11.900001	11.900001	0.999704861	0.999977359
2015	2	11001	BOG0280_3G	2	30.2	0	30.2	1	0.999942542
2015	2	11001	BOG0283_3G	2	0	23.766667	23.766667	0.999410549	0.999954782
2015	2	11001	BOG0285_3G	2	21.683333	0	21.683333	1	0.999958746
2015	2	11001	BOG0317_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	11001	BOG0321_3G	2	0	181.216667	181.216667	0.995505539	0.999655219

2015	2	11001	BOG0332_3G	2	106.933333	0	106.933333	1	0.99979655
2015	2	11001	BOG0342_3G	2	0	20.899999	20.899999	0.999481647	0.999960236
2015	2	11001	BOG0356_3G	2	0	167.5	167.5	0.995845734	0.999681317
2015	2	11001	BOG0378_3G	2	0	154.566667	154.566667	0.996166501	0.999705923
2015	2	11001	BOG0395_3G	2	24.85	0	24.85	1	0.999952721
2015	2	11001	BOG0408_3G	2	0	7.616666	7.616666	0.999811095	0.999985509
2015	2	11001	BOG0410_3G	2	21.333333	0	21.333333	1	0.999959411
2015	2	11001	BOG0415_3G	2	0	68.733333	68.733333	0.998295304	0.999869229
2015	2	11001	BOG0430_3G	2	60.966667	0	60.966667	1	0.999884006
2015	2	11001	BOG0453_3G	2	0	56.516667	56.516667	0.998598297	0.999892472
2015	2	11001	BOG0494_3G	2	0	7.383333	7.383333	0.999816882	0.999985953
2015	2	11001	BOG0497_3G	2	0	8.166667	8.166667	0.999797454	0.999984462
2015	2	11001	BOG0501_3G	2	0	124.400001	124.400001	0.996914683	0.999763318
2015	2	11001	BOG0510_3G	2	0	6.5	6.5	0.99983879	0.999987633
2015	2	11001	BOG0518_3G	2	7.566667	0	7.566667	1	0.999985604
2015	2	11001	BOG0540_3G	2	0	18.516666	18.516666	0.999540757	0.99996477
2015	2	11001	BOG0548_3G	2	0	5.183333	5.183333	0.999871445	0.999990138
2015	2	11001	BOG0551_3G	2	74.25	0	74.25	1	0.999858733
2015	2	11001	BOG0555_3G	2	0	52.25	52.25	0.998704117	0.99990059
2015	2	25214	BOG0567_3G	2	3.916667	0	3.916667	1	0.999992548
2015	2	11001	BOG0602_3G	2	34.616667	0	34.616667	1	0.999934139
2015	2	11001	BOG0605_3G	2	0	326.583336	326.583336	0.991900215	0.999378647
2015	2	11001	BOG0688_3G	2	635.733333	0	635.733333	1	0.998790462
2015	2	11001	BOG0693_3G	2	9.45	0	9.45	1	0.999982021
2015	2	11001	BOG0696_3G	2	0	179.6	179.6	0.995545635	0.999658295
2015	2	11001	BOG0703_3G	2	0	266.8	266.8	0.993382937	0.99949239
2015	2	11001	BOG0745_3G	2	0	2.716667	2.716667	0.999932622	0.999994831
2015	2	11001	BOG0788_3G	2	0	10.033333	10.033333	0.999751157	0.999980911
2015	2	11001	BOG0795_3G	2	0	52.25	52.25	0.998704117	0.99990059
2015	2	11001	BOG0802_3G	2	0	62.016667	62.016667	0.998461888	0.999882008
2015	2	11001	BOG0814_3G	2	0	22.266666	22.266666	0.999447751	0.999957636
2015	2	11001	BOG0844_3G	2	0	155	155	0.996155754	0.999705099
2015	2	11001	BOG0851_3G	2	0	72.15	72.15	0.998210565	0.999862728
2015	2	11001	BOG0862_3G	2	0	52.266667	52.266667	0.998703704	0.999900558
2015	2	11001	BOG0882_3G	2	0	37.266666	37.266666	0.999075728	0.999929097
2015	2	11001	BOG0909_3G	2	0	4.716667	4.716667	0.999883019	0.999991026
2015	2	11001	BOG0917_3G	2	845.566667	0	845.566667	1	0.998391235

2015	2	11001	BOG0925_3G	2	0	18.433333	18.433333	0.999542824	0.999964929
2015	2	11001	BOG0929_3G	2	0	225.483333	225.483333	0.994407655	0.999570998
2015	2	11001	BOG0938_3G	2	6.65	0	6.65	1	0.999987348
2015	2	11001	BOG0956_3G	2	0	3264.466668	3264.466668	0.919036045	0.993789066
2015	2	11001	BOG0958_3G	2	0	12.700001	12.700001	0.99968502	0.999975837
2015	2	11001	BOG0976_3G	2	0	12.583332	12.583332	0.999687913	0.999976059
2015	2	11001	BOG0985_3G	2	0	21.099999	21.099999	0.999476687	0.999959855
2015	2	11001	BOG1016_3G	2	0	26.883333	26.883333	0.999333251	0.999948852
2015	2	11001	BOG1018_3G	2	0	28.35	28.35	0.999296875	0.999946062
2015	2	11001	BOG1032_3G	2	0	52.25	52.25	0.998704117	0.99990059
2015	2	25754	BOG1049_3G	2	0	54.2	54.2	0.998655754	0.99989688
2015	2	11001	BOG1063_3G	2	0	52.233333	52.233333	0.99870453	0.999900622
2015	2	11001	BOG1098_3G	2	197.883334	0	197.883334	1	0.99962351
2015	2	11001	BOG1102_3G	2	0	631.383333	631.383333	0.984340691	0.998798738
2015	2	11001	BOG1116_3G	2	0	7.55	7.55	0.999812748	0.999985635
2015	2	11001	BOG1119_3G	2	20.65	10.283333	30.933333	0.999744957	0.999941147
2015	2	11001	BOG1123_3G	2	1483.45	0	1483.45	1	0.997177607
2015	2	11001	BOG1132_3G	2	0	105.983333	105.983333	0.997371445	0.999798357
2015	2	11001	BOG1133_3G	2	0	208.383334	208.383334	0.994831763	0.999603532
2015	2	11001	BOG1137_3G	2	0	6	6	0.99985119	0.999988584
2015	2	11001	BOG1144_3G	2	0	208.433334	208.433334	0.994830522	0.999603437
2015	2	11001	BOG1164_3G	2	965.7	52.233333	1017.933333	0.99870453	0.998063293
2015	2	11001	BOG1182_3G	2	1333.333333	0	1333.333333	1	0.997463217
2015	2	11001	BOG1186_3G	2	0	10.383333	10.383333	0.999742477	0.999980245
2015	2	11001	BOG1202_3G	2	0	11.616667	11.616667	0.999711888	0.999977898
2015	2	11001	BOG1213_3G	2	52.483333	0	52.483333	1	0.999900146
2015	2	11001	BOG1226_3G	2	0	52.35	52.35	0.998701637	0.9999004
2015	2	11001	BOG1238_3G	2	0	10.166667	10.166667	0.999747851	0.999980657
2015	2	11001	BOG1258_3G	2	0	79.083333	79.083333	0.998038608	0.999849537
2015	2	25754	BOG1273_3G	2	187.316667	144.416667	331.733334	0.996418237	0.999368848
2015	2	11001	BOG1275_3G	2	0	62.3	62.3	0.998454861	0.999881469
2015	2	11001	BOG1290_3G	2	0	63.95	63.95	0.998413938	0.99987833
2015	2	11001	BOG1310_3G	2	15.6	690.65	706.25	0.982870784	0.998656298
2015	2	11001	BOG1314_3G	2	0	52.216667	52.216667	0.998704944	0.999900653
2015	2	11001	BOG1341_3G	2	0	26.05	26.05	0.999353919	0.999950438
2015	2	11001	BOG1345_3G	2	0	6.5	6.5	0.99983879	0.999987633
2015	2	11001	BOG1353_3G	2	0	24.383333	24.383333	0.999395255	0.999953609

2015	2	11001	BOG1359_3G	2	0	52.25	52.25	0.998704117	0.99990059
2015	2	11001	BOG1372_3G	2	0	2.083333	2.083333	0.99994833	0.999996036
2015	2	11001	BOG1379_3G	2	12.466667	0	12.466667	1	0.999976281
2015	2	11001	BOG1446_3G	2	375.65	1144.783333	1520.433333	0.971607556	0.997107243
2015	2	11001	BOG1449_3G	2	27	341.066667	368.066667	0.991541005	0.999299721
2015	2	11001	BOG1453_3G	2	0	192.833333	192.833333	0.995217427	0.999633118
2015	2	11001	BOG1454_3G	2	9.116667	4.5	13.616667	0.999888393	0.999974093
2015	2	11001	BOG1455_3G	2	15.7	0	15.7	1	0.999970129
2015	2	11001	BOG1461_3G	2	778.8	0	778.8	1	0.998518265
2015	2	11001	BOG1462_3G	2	400.983333	288.566667	689.55	0.992843089	0.998688071
2015	2	11001	BOG1463_3G	2	568.266667	210	778.266667	0.994791667	0.99851928
2015	2	11001	BOG1484_3G	2	0	32.416667	32.416667	0.999196015	0.999938324
2015	2	11001	BOG1580_3G	2	588.56667	9.166666	597.733336	0.999772652	0.99886276
2015	2	11001	BOG1596_3G	2	0	953.233333	953.233333	0.9763583	0.99818639
2015	2	13673	BOL0001_3G	2	3.433333	389.433333	392.866666	0.990341435	0.999252537
2015	2	13001	BOL0005_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13074	BOL0007_3G	2	0	32.133333	32.133333	0.999203042	0.999938864
2015	2	13836	BOL0012_3G	2	21.033333	8.233333	29.266666	0.9997958	0.999944318
2015	2	13650	BOL0014_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	13657	BOL0017_3G	2	40.916666	147.3	188.216666	0.996346726	0.999641901
2015	2	13140	BOL0018_3G	2	3.733333	0	3.733333	1	0.999992897
2015	2	13654	BOL0019_3G	2	44.35	189.999999	234.349999	0.995287698	0.999554129
2015	2	13244	BOL0020_3G	2	0	66.3	66.3	0.998355655	0.999873858
2015	2	13430	BOL0021_3G	2	0	37.616666	37.616666	0.999067047	0.999928431
2015	2	13760	BOL0022_3G	2	0	15.633334	15.633334	0.999612269	0.999970256
2015	2	13001	BOL0023_3G	2	21.283334	0	21.283334	1	0.999959507
2015	2	13248	BOL0028_3G	2	34.883333	181.783333	216.666666	0.995491485	0.999587773
2015	2	13300	BOL0029_3G	2	0	31.983333	31.983333	0.999206763	0.999939149
2015	2	13838	BOL0033_3G	2	0	4.35	4.35	0.999892113	0.999991724
2015	2	13894	BOL0034_3G	2	34.9	147.583333	182.483333	0.996339699	0.999652809
2015	2	13430	BOL0036_3G	2	0	46.166667	46.166667	0.998854993	0.999912164
2015	2	13188	BOL0037_3G	2	9.566667	102.833333	112.4	0.99744957	0.999786149
2015	2	13780	BOL0038_3G	2	0	5.766667	5.766667	0.999856978	0.999989028
2015	2	13667	BOL0040_3G	2	173.383333	32.466666	205.849999	0.999194775	0.999608352
2015	2	13212	BOL0046_3G	2	34.9	191.7	226.6	0.995245536	0.999568874
2015	2	13268	BOL0047_3G	2	0	26.366667	26.366667	0.999346065	0.999949835
2015	2	13006	BOL0049_3G	2	6.316667	3.433333	9.75	0.999914848	0.99998145

2015	2	13473	BOL0053_3G	2	46.016667	0	46.016667	1	0.999912449
2015	2	13810	BOL0059_3G	2	71.466667	3.35	74.816667	0.999916915	0.999857655
2015	2	13430	BOL0061_3G	2	40.466667	59.466667	99.933334	0.998525132	0.999809868
2015	2	13657	BOL0063_3G	2	34.966667	147.783333	182.75	0.996334739	0.999652302
2015	2	13650	BOL0064_3G	2	0	5.716667	5.716667	0.999858218	0.999989124
2015	2	13468	BOL0065_3G	2	0	5.75	5.75	0.999857391	0.99998906
2015	2	13654	BOL0066_3G	2	35.116667	148.016667	183.133334	0.996328952	0.999651573
2015	2	13430	BOL0070_3G	2	220.35	59.583333	279.933333	0.998522239	0.999467402
2015	2	13430	BOL0071_3G	2	8.55	0	8.55	1	0.999983733
2015	2	13430	BOL0072_3G	2	142.1	109.100001	251.200001	0.997294147	0.99952207
2015	2	13244	BOL0073_3G	2	1080.183333	0	1080.183333	1	0.997944857
2015	2	13468	BOL0075_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	13673	BOL0076_3G	2	3.966667	4.083333	8.05	0.999898727	0.999984684
2015	2	13657	BOL0078_3G	2	38.983333	181.133333	220.116666	0.995507606	0.999581209
2015	2	13001	BOL0081_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13654	BOL0083_3G	2	35	164.75	199.75	0.995913938	0.999619958
2015	2	13430	BOL0085_3G	2	0	50.766666	50.766666	0.998740906	0.999903412
2015	2	13188	BOL0086_3G	2	0	16.083334	16.083334	0.999601108	0.9999694
2015	2	13430	BOL0087_3G	2	0	50.166667	50.166667	0.998755787	0.999904554
2015	2	13430	BOL0088_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	13468	BOL0091_3G	2	0	5.65	5.65	0.999859871	0.99998925
2015	2	13430	BOL0092_3G	2	4.416667	0	4.416667	1	0.999991597
2015	2	13244	BOL0093_3G	2	0	75.783333	75.783333	0.998120453	0.999855816
2015	2	13468	BOL0096_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	13052	BOL0098_3G	2	67.383333	0	67.383333	1	0.999871797
2015	2	13836	BOL0100_3G	2	853.033333	8.566667	861.6	0.999787533	0.998360731
2015	2	15759	BOY0006_3G	2	7.5	0	7.5	1	0.999985731
2015	2	15759	BOY0007_3G	2	177.833333	0	177.833333	1	0.999661657
2015	2	15238	BOY0011_3G	2	0	7.983333	7.983333	0.999802001	0.999984811
2015	2	15516	BOY0014_3G	2	0	6.833333	6.833333	0.999830522	0.999986999
2015	2	15176	BOY0016_3G	2	28.416666	0	28.416666	1	0.999945935
2015	2	15469	BOY0017_3G	2	0	79.549999	79.549999	0.998027034	0.999848649
2015	2	15759	BOY0019_3G	2	0	7.9	7.9	0.999804067	0.99998497
2015	2	15759	BOY0023_3G	2	0	6.15	6.15	0.99984747	0.999988299
2015	2	15224	BOY0031_3G	2	0	70.216666	70.216666	0.998258515	0.999866407
2015	2	15808	BOY0032_3G	2	0	7.3	7.3	0.999818948	0.999986111
2015	2	15051	BOY0037_3G	2	0	3.133333	3.133333	0.999922288	0.999994039

2015	2	15646	BOY0047_3G	2	2.183333	0	2.183333	1	0.999995846
2015	2	15759	BOY0054_3G	2	0	7.833333	7.833333	0.999805721	0.999985096
2015	2	15176	BOY0063_3G	2	27.683334	0	27.683334	1	0.99994733
2015	2	15759	BOY0066_3G	2	8.45	0	8.45	1	0.999983923
2015	2	15176	BOY0074_3G	2	60	0	60	1	0.999885845
2015	2	15599	BOY0088_3G	2	0	6.783333	6.783333	0.999831763	0.999987094
2015	2	15238	BOY0096_3G	2	7.266667	0	7.266667	1	0.999986175
2015	2	15757	BOY0102_3G	2	6.933333	0	6.933333	1	0.999986809
2015	2	15238	BOY0107_3G	2	0	6.766667	6.766667	0.999832176	0.999987126
2015	2	15176	BOY0109_3G	2	76.583334	0	76.583334	1	0.999854294
2015	2	15176	BOY0117_3G	2	60.533335	4.933333	65.466668	0.999877646	0.999875444
2015	2	68307	BUC0002_3G	2	9.5	0	9.5	1	0.999981925
2015	2	68001	BUC0003_3G	2	0	130.716667	130.716667	0.996758019	0.9997513
2015	2	68001	BUC0005_3G	2	0	135.183333	135.183333	0.996647239	0.999742802
2015	2	68001	BUC0013_3G	2	0	129.55	129.55	0.996786954	0.99975352
2015	2	68276	BUC0017_3G	2	0	125.766667	125.766667	0.996880787	0.999760718
2015	2	68001	BUC0018_3G	2	0	122.85	122.85	0.996953125	0.999766267
2015	2	68001	BUC0019_3G	2	0	103.966666	103.966666	0.997421462	0.999802194
2015	2	68001	BUC0020_3G	2	0	87.766666	87.766666	0.997823247	0.999833016
2015	2	68001	BUC0027_3G	2	115.066666	0	115.066666	1	0.999781076
2015	2	68001	BUC0035_3G	2	0	145.716667	145.716667	0.996385995	0.999722761
2015	2	68307	BUC0039_3G	2	8.116667	0	8.116667	1	0.999984557
2015	2	68276	BUC0040_3G	2	0	9.45	9.45	0.999765625	0.999982021
2015	2	68001	BUC0041_3G	2	0	97.4	97.4	0.997584325	0.999814688
2015	2	68001	BUC0042_3G	2	0	11.95	11.95	0.999703621	0.999977264
2015	2	68276	BUC0045_3G	2	0	106.683333	106.683333	0.997354084	0.999797026
2015	2	68001	BUC0047_3G	2	0	139.133333	139.133333	0.996549272	0.999735287
2015	2	68001	BUC0048_3G	2	135.366667	0	135.366667	1	0.999742453
2015	2	68276	BUC0053_3G	2	0	143.033333	143.033333	0.996452546	0.999727867
2015	2	68001	BUC0061_3G	2	0	19.033333	19.033333	0.999527943	0.999963787
2015	2	68276	BUC0082_3G	2	0	11.866667	11.866667	0.999705688	0.999977423
2015	2	68276	BUC0085_3G	2	0	13.033334	13.033334	0.999676753	0.999975203
2015	2	68001	BUC0086_3G	2	0	99.266667	99.266667	0.997538029	0.999811136
2015	2	68001	BUC0093_3G	2	47.766667	0	47.766667	1	0.99990912
2015	2	68001	BUC0106_3G	2	0	147.716667	147.716667	0.996336392	0.999718956
2015	2	68001	BUC0112_3G	2	0	162.833333	162.833333	0.995961475	0.999690195
2015	2	68276	BUC0122_3G	2	0	143	143	0.996453373	0.99972793

2015	2	68276	BUC0130_3G	2	0	144.383333	144.383333	0.996419064	0.999725298
2015	2	68307	BUC0135_3G	2	9.516667	0	9.516667	1	0.999981894
2015	2	68001	BUC0162_3G	2	0	821.7	821.7	0.979620536	0.998436644
2015	2	68001	BUC0180_3G	2	0	105.683333	105.683333	0.997378886	0.999798928
2015	2	17442	CAD0002_3G	2	7.833333	105.683333	113.516666	0.997378886	0.999784025
2015	2	17001	CAD0010_3G	2	2.85	0	2.85	1	0.999994578
2015	2	17380	CAD0012_3G	2	0	11.6	11.6	0.999712302	0.99997793
2015	2	17380	CAD0015_3G	2	0	11.516667	11.516667	0.999714368	0.999978089
2015	2	17380	CAD0016_3G	2	0	11.616667	11.616667	0.999711888	0.999977898
2015	2	17042	CAD0017_3G	2	0	3.833333	3.833333	0.999904927	0.999992707
2015	2	17013	CAD0018_3G	2	7.766667	0	7.766667	1	0.999985223
2015	2	17380	CAD0020_3G	2	0	12.366667	12.366667	0.999693287	0.999976471
2015	2	17877	CAD0025_3G	2	0	3.566667	3.566667	0.999911541	0.999993214
2015	2	17088	CAD0027_3G	2	0	3.616667	3.616667	0.999910301	0.999993119
2015	2	17042	CAD0028_3G	2	0	4.083333	4.083333	0.999898727	0.999992231
2015	2	17433	CAD0034_3G	2	0	11.666667	11.666667	0.999710648	0.999977803
2015	2	17444	CAD0035_3G	2	0	12.433333	12.433333	0.999691634	0.999976344
2015	2	17513	CAD0037_3G	2	7.066667	0	7.066667	1	0.999986555
2015	2	17662	CAD0040_3G	2	0	11.533333	11.533333	0.999713955	0.999978057
2015	2	66318	CAD0041_3G	2	0	3.9	3.9	0.999903274	0.99999258
2015	2	17495	CAD0044_3G	2	0	11.433333	11.433333	0.999716435	0.999978247
2015	2	17380	CAD0045_3G	2	0	12.35	12.35	0.9996937	0.999976503
2015	2	17380	CAD0049_3G	2	0	22.883333	22.883333	0.999432457	0.999956462
2015	2	17380	CAD0075_3G	2	0	12.25	12.25	0.999696181	0.999976693
2015	2	76001	CAL0102_3G	2	0	1.25	1.25	0.999968998	0.999997622
2015	2	76001	CAL0140_3G	2	0	2.133333	2.133333	0.99994709	0.999995941
2015	2	13001	CAR0001_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0002_3G	2	10.9	0	10.9	1	0.999979262
2015	2	13001	CAR0003_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0004_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0005_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0008_3G	2	10.833333	0	10.833333	1	0.999979389
2015	2	13001	CAR0009_3G	2	10.866667	0	10.866667	1	0.999979325
2015	2	13001	CAR0010_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0011_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0012_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0013_3G	2	10.8	0	10.8	1	0.999979452

2015	2	13001	CAR0015_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0016_3G	2	10.866667	0	10.866667	1	0.999979325
2015	2	13001	CAR0017_3G	2	10.866667	0	10.866667	1	0.999979325
2015	2	13001	CAR0019_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0020_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0023_3G	2	10.85	0	10.85	1	0.999979357
2015	2	13001	CAR0024_3G	2	10.8	40.916667	51.716667	0.998985202	0.999901605
2015	2	13001	CAR0025_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0026_3G	2	10.833333	0	10.833333	1	0.999979389
2015	2	13001	CAR0031_3G	2	10.833333	0	10.833333	1	0.999979389
2015	2	13001	CAR0033_3G	2	1684.55	0	1684.55	1	0.996794996
2015	2	13001	CAR0034_3G	2	10.866667	0	10.866667	1	0.999979325
2015	2	13001	CAR0035_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0037_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0043_3G	2	10.816667	379.733333	390.55	0.990582011	0.999256944
2015	2	13001	CAR0044_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0045_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0046_3G	2	10.9	0	10.9	1	0.999979262
2015	2	13001	CAR0050_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0057_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0058_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0059_3G	2	10.9	0	10.9	1	0.999979262
2015	2	13001	CAR0060_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0065_3G	2	10.85	0	10.85	1	0.999979357
2015	2	13001	CAR0067_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0076_3G	2	10.916667	0	10.916667	1	0.99997923
2015	2	13001	CAR0084_3G	2	10.833333	237.016667	247.85	0.99412161	0.999528444
2015	2	13001	CAR0094_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0102_3G	2	10.883333	0	10.883333	1	0.999979294
2015	2	13001	CAR0105_3G	2	10.783333	0	10.783333	1	0.999979484
2015	2	13001	CAR0106_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0107_3G	2	10.916667	0	10.916667	1	0.99997923
2015	2	13001	CAR0110_3G	2	10.8	0	10.8	1	0.999979452
2015	2	13001	CAR0112_3G	2	10.816667	0	10.816667	1	0.99997942
2015	2	13001	CAR0113_3G	2	10.9	0	10.9	1	0.999979262
2015	2	13001	CAR0116_3G	2	0	7.85	7.85	0.999805308	0.999985065
2015	2	13001	CAR0119_3G	2	10.9	0	10.9	1	0.999979262

2015	2	13001	CAR0128_3G	2	10.916667	0	10.916667	1	0.99997923
2015	2	13001	CAR0137_3G	2	0	6.05	6.05	0.99984995	0.999988489
2015	2	13001	CAR0157_3G	2	0	112.95	112.95	0.997198661	0.999785103
2015	2	13001	CAR0202_3G	2	0	7.983333	7.983333	0.999802001	0.999984811
2015	2	13836	CAR0204_3G	2	0	7.9	7.9	0.999804067	0.99998497
2015	2	13001	CAR0214_3G	2	155.05	8.066667	163.116667	0.999799934	0.999689656
2015	2	13001	CAR0225_3G	2	0	20.783333	20.783333	0.99948454	0.999960458
2015	2	13001	CAR0260_3G	2	0	129.916667	129.916667	0.99677786	0.999752822
2015	2	13001	CAR0263_3G	2	51.45	0	51.45	1	0.999902112
2015	2	85001	CAS0002_3G	3	0	68.666667	68.666667	0.998296958	0.999869356
2015	2	85410	CAS0005_3G	3	130.466666	0	130.466666	1	0.999751776
2015	2	85440	CAS0006_3G	3	7.35	10.933333	18.283333	0.999728836	0.999965214
2015	2	85001	CAS0007_3G	3	87.716668	23.116667	110.833335	0.99942667	0.99978913
2015	2	85250	CAS0008_3G	3	5.383333	0	5.383333	1	0.999989758
2015	2	85162	CAS0014_3G	3	0	10.383333	10.383333	0.999742477	0.999980245
2015	2	85263	CAS0022_3G	3	6.566667	0	6.566667	1	0.999987506
2015	2	85001	CAS0035_3G	3	0	7.85	7.85	0.999805308	0.999985065
2015	2	85001	CAS0039_3G	3	73.466667	15.633333	89.1	0.999612269	0.999830479
2015	2	85010	CAS0040_3G	3	0	280.733333	280.733333	0.993037368	0.99946588
2015	2	85410	CAS0041_3G	3	137.366667	0	137.366667	1	0.999738648
2015	2	85010	CAS0045_3G	3	5.083333	0	5.083333	1	0.999990329
2015	2	19548	CAU0006_3G	2	5.25	4.55	9.8	0.999887153	0.999981355
2015	2	19001	CAU0008_3G	2	0.816667	1.566666	2.383333	0.999961144	0.999995466
2015	2	19807	CAU0009_3G	2	0.866667	8.716667	9.583334	0.999783813	0.999981767
2015	2	19743	CAU0012_3G	2	0.666667	1.083333	1.75	0.999973132	0.99999667
2015	2	19256	CAU0013_3G	2	0.783333	0.9	1.683333	0.999977679	0.999996797
2015	2	19075	CAU0014_3G	2	1.466667	1.283333	2.75	0.999968171	0.999994768
2015	2	19760	CAU0022_3G	2	6.9	0	6.9	1	0.999986872
2015	2	19824	CAU0029_3G	2	0.783333	1.116667	1.9	0.999972305	0.999996385
2015	2	19212	CAU0030_3G	2	0	13.633333	13.633333	0.999661872	0.999974061
2015	2	19137	CAU0050_3G	2	2.95	1.183334	4.133334	0.999970651	0.999992136
2015	2	19130	CAU0056_3G	2	1.216667	0.95	2.166667	0.999976438	0.999995878
2015	2	19397	CAU0062_3G	2	6.55	0	6.55	1	0.999987538
2015	2	20750	CES0002_3G	2	0	2.6	2.6	0.999935516	0.999995053
2015	2	20045	CES0007_3G	2	0	33.983333	33.983333	0.999157159	0.999935344
2015	2	20400	CES0010_3G	2	3.733333	0	3.733333	1	0.999992897
2015	2	20032	CES0012_3G	2	8.166667	3.6	11.766667	0.999910714	0.999977613

2015	2	20787	CES0015_3G	2	0	11.616667	11.616667	0.999711888	0.999977898
2015	2	20517	CES0016_3G	2	0	11.633333	11.633333	0.999711475	0.999977867
2015	2	20550	CES0018_3G	2	0	18.25	18.25	0.999547371	0.999965278
2015	2	20011	CES0022_3G	2	152.133333	0	152.133333	1	0.999710553
2015	2	20383	CES0024_3G	2	0	18.266667	18.266667	0.999546958	0.999965246
2015	2	20175	CES0033_3G	2	3.833333	0	3.833333	1	0.999992707
2015	2	20001	CES0035_3G	2	179.616667	0	179.616667	1	0.999658264
2015	2	20250	CES0037_3G	2	14.966667	4.566667	19.533334	0.999886739	0.999962836
2015	2	20614	CES0040_3G	2	302.683334	144.083333	446.766667	0.996426505	0.999149987
2015	2	20060	CES0046_3G	2	43.8	0	43.8	1	0.999916667
2015	2	20295	CES0047_3G	2	46.016667	0	46.016667	1	0.999912449
2015	2	20011	CES0056_3G	2	152.1	0	152.1	1	0.999710616
2015	2	20013	CES0059_3G	2	0	193.05	193.05	0.995212054	0.999632705
2015	2	20443	CES0061_3G	2	334.183333	0	334.183333	1	0.999364187
2015	2	20238	CES0062_3G	2	23.5	0	23.5	1	0.999955289
2015	2	20228	CES0068_3G	2	0	14.8	14.8	0.999632937	0.999971842
2015	2	20400	CES0069_3G	2	0	607.983333	607.983333	0.984921048	0.998843258
2015	2	20011	CES0070_3G	2	5.45	0	5.45	1	0.999989631
2015	2	20250	CES0073_3G	2	4.183333	4.483333	8.666666	0.999888806	0.999983511
2015	2	20001	CES0078_3G	2	0	2.616667	2.616667	0.999935103	0.999995022
2015	2	27787	CHO0009_3G	2	441.733333	0	441.733333	1	0.999159564
2015	2	23466	COR0002_3G	2	0	5.866667	5.866667	0.999854497	0.999988838
2015	2	23350	COR0003_3G	2	0	5.833333	5.833333	0.999855324	0.999988902
2015	2	23466	COR0004_3G	2	0	5.883333	5.883333	0.999854084	0.999988806
2015	2	23079	COR0005_3G	2	98.966666	5.716667	104.683333	0.999858218	0.999800831
2015	2	23586	COR0013_3G	2	3.816667	0	3.816667	1	0.999992738
2015	2	23417	COR0014_3G	2	0	4.9	4.9	0.999878472	0.999990677
2015	2	23660	COR0017_3G	2	4.133333	0	4.133333	1	0.999992136
2015	2	23660	COR0019_3G	2	10.416667	0	10.416667	1	0.999980181
2015	2	23670	COR0022_3G	2	0	5.883333	5.883333	0.999854084	0.999988806
2015	2	23670	COR0024_3G	2	0	5.783333	5.783333	0.999856564	0.999988997
2015	2	23675	COR0027_3G	2	0	5.883333	5.883333	0.999854084	0.999988806
2015	2	23570	COR0028_3G	2	0	5.85	5.85	0.999854911	0.99998887
2015	2	23068	COR0030_3G	2	4.716667	5.866667	10.583334	0.999854497	0.999979864
2015	2	23660	COR0038_3G	2	0	5.633333	5.633333	0.999860284	0.999989282
2015	2	23580	COR0039_3G	2	0	5.833333	5.833333	0.999855324	0.999988902
2015	2	23464	COR0040_3G	2	44.833333	0	44.833333	1	0.999914701

2015	2	23168	COR0041_3G	2	56.883333	5.816667	62.7	0.999855737	0.999880708
2015	2	23500	COR0044_3G	2	0	297.166667	297.166667	0.992629795	0.999434614
2015	2	23675	COR0052_3G	2	0	5.65	5.65	0.999859871	0.99998925
2015	2	23675	COR0068_3G	2	0	9.333333	9.333333	0.999768519	0.999982243
2015	2	23500	COR0069_3G	2	0	6.166667	6.166667	0.999847057	0.999988267
2015	2	23419	COR0080_3G	2	0	5.866667	5.866667	0.999854497	0.999988838
2015	2	23464	COR0085_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	23466	COR0086_3G	2	0	5.75	5.75	0.999857391	0.99998906
2015	2	23466	COR0087_3G	2	0	5.9	5.9	0.999853671	0.999988775
2015	2	23350	COR0089_3G	2	0	6.1	6.1	0.99984871	0.999988394
2015	2	23466	COR0090_3G	2	0	38.083334	38.083334	0.999055473	0.999927543
2015	2	23555	COR0104_3G	2	0	87.983333	87.983333	0.997817874	0.999832604
2015	2	23660	COR0107_3G	2	0	6.2	6.2	0.99984623	0.999988204
2015	2	23079	COR0112_3G	2	0	5.65	5.65	0.999859871	0.99998925
2015	2	23189	COR0116_3G	2	4.05	6.2	10.25	0.99984623	0.999980498
2015	2	23168	COR0117_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	23660	COR0119_3G	2	254.466667	95.15	349.616667	0.997640129	0.999334824
2015	2	23417	COR0127_3G	2	0	5.75	5.75	0.999857391	0.99998906
2015	2	23500	COR0144_3G	2	0	6.333333	6.333333	0.999842923	0.99998795
2015	2	23660	COR8081_3G	2	0	7.2	7.2	0.999821429	0.999986301
2015	2	54001	CUC0001_3G	2	25.1	0	25.1	1	0.999952245
2015	2	54001	CUC0002_3G	2	26.116667	0	26.116667	1	0.999950311
2015	2	54001	CUC0003_3G	2	25.483333	0	25.483333	1	0.999951516
2015	2	54001	CUC0004_3G	2	0	43.199999	43.199999	0.998928571	0.999917808
2015	2	54001	CUC0005_3G	2	0	8.083333	8.083333	0.999799521	0.999984621
2015	2	54001	CUC0007_3G	2	0	5.283333	5.283333	0.999868965	0.999989948
2015	2	54001	CUC0008_3G	2	0	7.166667	7.166667	0.999822255	0.999986365
2015	2	54001	CUC0009_3G	2	0	2.266667	2.266667	0.999943783	0.999995687
2015	2	54001	CUC0010_3G	2	0	5.283333	5.283333	0.999868965	0.999989948
2015	2	54001	CUC0012_3G	2	75.433333	3.933333	79.366666	0.999902447	0.999848998
2015	2	54001	CUC0013_3G	2	0	5.416667	5.416667	0.999865658	0.999989694
2015	2	54001	CUC0015_3G	2	0	5.4	5.4	0.999866071	0.999989726
2015	2	54001	CUC0017_3G	2	131.166667	5.15	136.316667	0.999872272	0.999740646
2015	2	54001	CUC0021_3G	2	52.516667	24.9	77.416667	0.99938244	0.999852708
2015	2	54001	CUC0024_3G	2	25.2	0	25.2	1	0.999952055
2015	2	54001	CUC0025_3G	2	25.166667	0	25.166667	1	0.999952118
2015	2	54001	CUC0027_3G	2	25.466667	0	25.466667	1	0.999951547

2015	2	54001	CUC0030_3G	2	0	5.183333	5.183333	0.999871445	0.999990138
2015	2	54001	CUC0038_3G	2	0	6.55	6.55	0.99983755	0.999987538
2015	2	54001	CUC0039_3G	2	25.233333	0	25.233333	1	0.999951991
2015	2	54001	CUC0041_3G	2	0	18.149999	18.149999	0.999549851	0.999965468
2015	2	54001	CUC0042_3G	2	0	5.25	5.25	0.999869792	0.999990011
2015	2	54001	CUC0043_3G	2	74.833334	2.333333	77.166667	0.99994213	0.999853184
2015	2	54874	CUC0044_3G	2	3.766667	0	3.766667	1	0.999992834
2015	2	54001	CUC0045_3G	2	0	5.1	5.1	0.999873512	0.999990297
2015	2	54001	CUC0046_3G	2	84	3.95	87.95	0.999902034	0.999832667
2015	2	54001	CUC0049_3G	2	9.15	0	9.15	1	0.999982591
2015	2	54001	CUC0051_3G	2	0	5.616667	5.616667	0.999860698	0.999989314
2015	2	54001	CUC0055_3G	2	24.916667	0	24.916667	1	0.999952594
2015	2	54001	CUC0057_3G	2	0	5.1	5.1	0.999873512	0.999990297
2015	2	54001	CUC0058_3G	2	25.1	0	25.1	1	0.999952245
2015	2	54001	CUC0061_3G	2	0	7.05	7.05	0.999825149	0.999986587
2015	2	54001	CUC0062_3G	2	25.3	5.333333	30.633333	0.999867725	0.999941717
2015	2	54001	CUC0064_3G	2	0	5.116667	5.116667	0.999873099	0.999990265
2015	2	54001	CUC0070_3G	2	25.333333	0	25.333333	1	0.999951801
2015	2	54001	CUC0071_3G	2	3.783333	0	3.783333	1	0.999992802
2015	2	54001	CUC0073_3G	2	25.333333	13.366667	38.7	0.999668485	0.99992637
2015	2	54001	CUC0074_3G	2	0	5.183333	5.183333	0.999871445	0.999990138
2015	2	54001	CUC0075_3G	2	30.783333	97.183333	127.966666	0.997589699	0.999756532
2015	2	54001	CUC0080_3G	2	0	5.2	5.2	0.999871032	0.999990107
2015	2	25754	CUN0002_3G	2	43.6	0	43.6	1	0.999917047
2015	2	25269	CUN0006_3G	2	9.566667	26.716666	36.283333	0.999337384	0.999930968
2015	2	25175	CUN0013_3G	2	0	460.383333	460.383333	0.988581763	0.99912408
2015	2	25175	CUN0017_3G	2	0	114.7	114.7	0.997155258	0.999781773
2015	2	25214	CUN0018_3G	2	0	11.866667	11.866667	0.999705688	0.999977423
2015	2	25312	CUN0033_3G	2	500.8	129.55	630.35	0.996786954	0.998800704
2015	2	25612	CUN0036_3G	2	104.833333	0	104.833333	1	0.999800545
2015	2	25599	CUN0038_3G	2	0	99.033333	99.033333	0.997543816	0.99981158
2015	2	25035	CUN0039_3G	2	265.783334	1855.6	2121.383334	0.953978175	0.995963883
2015	2	25322	CUN0042_3G	2	0	284.216667	284.216667	0.992950976	0.999459253
2015	2	25307	CUN0052_3G	2	116.966666	0	116.966666	1	0.999777461
2015	2	25843	CUN0055_3G	2	0	119.500001	119.500001	0.99703621	0.999772641
2015	2	25402	CUN0059_3G	2	73.666667	249.533332	323.199999	0.993811177	0.999385084
2015	2	25488	CUN0060_3G	2	508.766666	197.633333	706.399999	0.99509838	0.998656012

2015	2	25402	CUN0062_3G	2	73.65	5.683333	79.333333	0.999859044	0.999849061
2015	2	25658	CUN0063_3G	2	129.983334	9.15	139.133334	0.999773065	0.999735287
2015	2	25402	CUN0065_3G	2	73.633333	5.7	79.333333	0.999858631	0.999849061
2015	2	25019	CUN0070_3G	2	0	5.7	5.7	0.999858631	0.999989155
2015	2	25377	CUN0075_3G	2	0	544.716667	544.716667	0.986490162	0.998963629
2015	2	11001	CUN0076_3G	2	0	694.500001	694.500001	0.982775298	0.998678653
2015	2	25785	CUN0089_3G	2	13.85	0	13.85	1	0.999973649
2015	2	25612	CUN0090_3G	2	0	32.45	32.45	0.999195188	0.999938261
2015	2	25320	CUN0091_3G	2	0	14.15	14.15	0.999649058	0.999973078
2015	2	25307	CUN0095_3G	2	0	32.433333	32.433333	0.999195602	0.999938293
2015	2	25793	CUN0099_3G	2	0	94.749999	94.749999	0.99765005	0.99981973
2015	2	25781	CUN0100_3G	2	0	113.983333	113.983333	0.997173032	0.999783137
2015	2	25488	CUN0102_3G	2	73.85	197.9	271.75	0.995091766	0.999482972
2015	2	25486	CUN0103_3G	2	0	105.483333	105.483333	0.997383846	0.999799309
2015	2	25053	CUN0105_3G	2	0	143.083333	143.083333	0.996451306	0.999727771
2015	2	25260	CUN0106_3G	2	10.3	0	10.3	1	0.999980403
2015	2	25513	CUN0113_3G	2	0	444.433333	444.433333	0.988977348	0.999154427
2015	2	25200	CUN0115_3G	2	7.366667	98.666667	106.033334	0.99755291	0.999798262
2015	2	25099	CUN0121_3G	2	15.533333	8.733333	24.266666	0.999783399	0.999953831
2015	2	25307	CUN0123_3G	2	0	22.816667	22.816667	0.99943411	0.999956589
2015	2	25797	CUN0127_3G	2	500.866667	137.7	638.566667	0.996584821	0.998785071
2015	2	25040	CUN0128_3G	2	343.683333	0	343.683333	1	0.999346112
2015	2	25845	CUN0129_3G	2	0	11.666667	11.666667	0.999710648	0.999977803
2015	2	25151	CUN0130_3G	2	10731.20705	0	10731.20705	1	0.979582939
2015	2	25053	CUN0132_3G	2	0	35.116667	35.116667	0.999129051	0.999933187
2015	2	25645	CUN0135_3G	2	500.9	129.483333	630.383333	0.996788608	0.998800641
2015	2	25407	CUN0137_3G	2	55.7	121.583333	177.283333	0.99698454	0.999662703
2015	2	25645	CUN0147_3G	2	500.866667	129.566667	630.433334	0.996786541	0.998800545
2015	2	25175	CUN0154_3G	2	0	15.866667	15.866667	0.999606481	0.999969812
2015	2	25843	CUN0163_3G	2	0	103.766667	103.766667	0.997426422	0.999802575
2015	2	25875	CUN0167_3G	2	0	5.683333	5.683333	0.999859044	0.999989187
2015	2	25530	CUN0169_3G	2	0	24.233335	24.233335	0.999398975	0.999953894
2015	2	25878	CUN0171_3G	2	447.366666	0	447.366666	1	0.999148846
2015	2	25317	CUN0177_3G	2	0	99.250001	99.250001	0.997538442	0.999811168
2015	2	25307	CUN0195_3G	2	116.733334	0	116.733334	1	0.999777905
2015	2	25286	CUN0197_3G	2	475.666667	144.766666	620.433333	0.996409557	0.998819571
2015	2	25799	CUN0199_3G	2	13.833333	0	13.833333	1	0.999973681

2015	2	25612	CUN0200_3G	2	235.283333	211.433333	446.716666	0.994756118	0.999150082
2015	2	25473	CUN0201_3G	2	0	6.433333	6.433333	0.999840443	0.99998776
2015	2	25799	CUN0202_3G	2	13.933334	0	13.933334	1	0.999973491
2015	2	25799	CUN0203_3G	2	13.466667	0	13.466667	1	0.999974378
2015	2	25488	CUN0218_3G	2	104.25	197.866667	302.116667	0.995092593	0.999425197
2015	2	25718	CUN0220_3G	2	71.333333	5.683333	77.016666	0.999859044	0.999853469
2015	2	25126	CUN0239_3G	2	0	469.716667	469.716667	0.988350281	0.999106323
2015	2	25799	CUN0240_3G	2	45.466666	0	45.466666	1	0.999913496
2015	2	25269	CUN0242_3G	2	531.016667	0	531.016667	1	0.998989694
2015	2	25214	CUN0246_3G	2	0	114.45	114.45	0.997161458	0.999782249
2015	2	25740	CUN0247_3G	2	13.733333	0	13.733333	1	0.999973871
2015	2	25758	CUN0250_3G	2	21.366667	0	21.366667	1	0.999959348
2015	2	25473	CUN0252_3G	2	32.45	6.816667	39.266667	0.999830936	0.999925292
2015	2	25430	CUN0255_3G	2	9.75	0	9.75	1	0.99998145
2015	2	25899	CUN0256_3G	2	9.483333	100.233333	109.716666	0.997514054	0.999791254
2015	2	25899	CUN0257_3G	2	4.333333	0	4.333333	1	0.999991755
2015	2	25175	CUN0259_3G	2	0	529.466667	529.466667	0.986868386	0.998992643
2015	2	25758	CUN0267_3G	2	104.9	0	104.9	1	0.999800419
2015	2	25126	CUN0269_3G	2	0	1197.233333	1197.233333	0.970306713	0.997722159
2015	2	25307	CUN0272_3G	2	116.883333	0	116.883333	1	0.999777619
2015	2	25175	CUN0279_3G	2	147.283333	99.216667	246.5	0.997539269	0.999531012
2015	2	25754	CUN0282_3G	2	0	53.066667	53.066667	0.998683862	0.999899036
2015	2	25486	CUN0295_3G	2	0	104.283335	104.283335	0.997413608	0.999801592
2015	2	25817	CUN0297_3G	2	21.366667	0	21.366667	1	0.999959348
2015	2	25377	CUN0306_3G	2	0	130.866667	130.866667	0.996754299	0.999751015
2015	2	25175	CUN0310_3G	2	448.083334	139.716666	587.8	0.996534805	0.998881659
2015	2	25430	CUN0322_3G	2	87.716667	0	87.716667	1	0.999833111
2015	2	25430	CUN0323_3G	2	14.666667	0	14.666667	1	0.999972095
2015	2	25754	CUN0328_3G	2	0	24.383333	24.383333	0.999395255	0.999953609
2015	2	25290	CUN0370_3G	2	0	35.15	35.15	0.999128224	0.999933124
2015	2	25513	CUN0385_3G	2	5.716667	399.15	404.866667	0.990100446	0.999229706
2015	2	25307	CUN0390_3G	2	7.95	0	7.95	1	0.999984874
2015	2	25286	CUN0399_3G	2	73.2	0	73.2	1	0.999860731
2015	2	25430	CUN0401_3G	2	14.7	0	14.7	1	0.999972032
2015	2	25307	CUN0407_3G	2	116.916666	0	116.916666	1	0.999777556
2015	2	25175	CUN0415_3G	2	0	20.699999	20.699999	0.999486607	0.999960616
2015	2	25473	CUN0431_3G	2	108.116667	633.05	741.166667	0.984299355	0.998589866

2015	2	25377	CUN0447_3G	2	307.85	156.533333	464.383333	0.996117725	0.99911647
2015	2	25899	CUN0460_3G	2	0	107.783333	107.783333	0.997326802	0.999794933
2015	2	25269	CUN0464_3G	2	406.316667	0	406.316667	1	0.999226947
2015	2	25843	CUN0468_3G	2	1427.883332	513.166667	1941.049999	0.987272652	0.996306982
2015	2	25875	CUN0470_3G	2	0	107.633333	107.633333	0.997330522	0.999795218
2015	2	25473	CUN0478_3G	2	0	28.9	28.9	0.999283234	0.999945015
2015	2	25645	CUN0479_3G	2	501.083334	136.033333	637.116667	0.996626157	0.99878783
2015	2	25899	CUN0483_3G	2	0	97.783334	97.783334	0.997574818	0.999813959
2015	2	25843	CUN0543_3G	2	0	532.849999	532.849999	0.986784474	0.998986206
2015	2	25175	CUN0553_3G	2	119.933333	0	119.933333	1	0.999771816
2015	2	44430	GUA0001_3G	2	0	77.433334	77.433334	0.99807953	0.999852676
2015	2	44098	GUA0002_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44430	GUA0009_3G	2	0	69.733334	69.733334	0.998270503	0.999867326
2015	2	44430	GUA0010_3G	2	10	2.15	12.15	0.999946677	0.999976884
2015	2	44420	GUA0012_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	44078	GUA0013_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44279	GUA0014_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44650	GUA0015_3G	2	0	27.716667	27.716667	0.999312583	0.999947267
2015	2	44430	GUA0016_3G	2	0	65.333333	65.333333	0.99837963	0.999875698
2015	2	44874	GUA0017_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44110	GUA0018_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	44279	GUA0019_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44430	GUA0020_3G	2	0	88.033334	88.033334	0.997816634	0.999832509
2015	2	44090	GUA0022_3G	2	8.183333	0	8.183333	1	0.99998443
2015	2	44430	GUA0024_3G	2	0	66.8	66.8	0.998343254	0.999872907
2015	2	44855	GUA0025_3G	2	0	21.9	21.9	0.999456845	0.999958333
2015	2	44090	GUA0031_3G	2	8.15	76.05	84.2	0.998113839	0.999839802
2015	2	44650	GUA0032_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	44430	GUA0034_3G	2	0	14.55	14.55	0.999639137	0.999972317
2015	2	44430	GUA0039_3G	2	0	71.833332	71.833332	0.998218419	0.999863331
2015	2	44430	GUA0040_3G	2	0	79.149999	79.149999	0.998036954	0.99984941
2015	2	44430	GUA0043_3G	2	0	70.25	70.25	0.998257688	0.999866343
2015	2	44430	GUA0045_3G	2	0	69.2	69.2	0.99828373	0.999868341
2015	2	44430	GUA0046_3G	2	0	77.766667	77.766667	0.998071263	0.999852042
2015	2	44279	GUA0047_3G	2	0	4.55	4.55	0.999887153	0.999991343
2015	2	44430	GUA0048_3G	2	0	78.95	78.95	0.998041915	0.999849791
2015	2	44430	GUA0050_3G	2	0	72.533333	72.533333	0.998201058	0.999861999

2015	2	44430	GUA0051_3G	2	0	73.366667	73.366667	0.99818039	0.999860413
2015	2	44430	GUA0053_3G	2	0	72.750001	72.750001	0.998195684	0.999861587
2015	2	44430	GUA0055_3G	2	0	68.983333	68.983333	0.998289104	0.999868753
2015	2	44650	GUA0058_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44650	GUA0060_3G	2	0	4.55	4.55	0.999887153	0.999991343
2015	2	44078	GUA0061_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44874	GUA0063_3G	2	0	4.55	4.55	0.999887153	0.999991343
2015	2	44430	GUA0066_3G	2	0	18.966667	18.966667	0.999529597	0.999963914
2015	2	44078	GUA0067_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	44078	GUA0068_3G	2	0	4.5	4.5	0.999888393	0.999991438
2015	2	44098	GUA0069_3G	2	0	4.55	4.55	0.999887153	0.999991343
2015	2	44279	GUA0070_3G	2	0	4.5	4.5	0.999888393	0.999991438
2015	2	44650	GUA0071_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	44078	GUA0073_3G	2	0	4.533333	4.533333	0.999887566	0.999991375
2015	2	44001	GUA0074_3G	2	8.183333	0	8.183333	1	0.99998443
2015	2	44430	GUA0079_3G	2	0	70.05	70.05	0.998262649	0.999866724
2015	2	44430	GUA0080_3G	2	59.183333	67.733334	126.916667	0.998320106	0.99975853
2015	2	44430	GUA0082_3G	2	0	73.95	73.95	0.998165923	0.999859304
2015	2	44430	GUA0089_3G	2	0	57.6	57.6	0.998571429	0.999890411
2015	2	44650	GUA8052_3G	2	0	4.516667	4.516667	0.999887979	0.999991407
2015	2	94001	GUI0001_3G	3	61.45	71.366666	132.816666	0.998229993	0.999747305
2015	2	95001	GUV0001_3G	3	7.883333	0	7.883333	1	0.999985001
2015	2	41132	HUI0001_3G	2	0	9.016667	9.016667	0.999776372	0.999982845
2015	2	41298	HUI0003_3G	2	0	17.166667	17.166667	0.999574239	0.999967339
2015	2	41026	HUI0024_3G	2	0	9	9	0.999776786	0.999982877
2015	2	41551	HUI0026_3G	2	0	16.35	16.35	0.999594494	0.999968893
2015	2	41615	HUI0029_3G	2	0	9.033333	9.033333	0.999775959	0.999982813
2015	2	41298	HUI0031_3G	2	0	9.05	9.05	0.999775546	0.999982782
2015	2	41306	HUI0032_3G	2	0	9.016667	9.016667	0.999776372	0.999982845
2015	2	41668	HUI0034_3G	2	0	16.266667	16.266667	0.999596561	0.999969051
2015	2	41396	HUI0035_3G	2	20.066667	9.133333	29.2	0.999773479	0.999944444
2015	2	41244	HUI0038_3G	2	0	9	9	0.999776786	0.999982877
2015	2	41349	HUI0040_3G	2	0	9.033333	9.033333	0.999775959	0.999982813
2015	2	41359	HUI0042_3G	2	0	71.250001	71.250001	0.998232887	0.999864441
2015	2	41524	HUI0043_3G	2	1387.799999	1653.049999	3040.849998	0.959001736	0.994214517
2015	2	41319	HUI0044_3G	2	0	235.749999	235.749999	0.994153026	0.999551465
2015	2	41551	HUI0045_3G	2	0	16.783334	16.783334	0.999583747	0.999968068

2015	2	41885	HUI0046_3G	2	52.883333	9.7	62.583333	0.999759425	0.99988093
2015	2	41006	HUI0048_3G	2	0	18.95	18.95	0.99953001	0.999963946
2015	2	41298	HUI0058_3G	2	0	16.3	16.3	0.999595734	0.999968988
2015	2	41396	HUI0059_3G	2	20.466666	9	29.466666	0.999776786	0.999943937
2015	2	73001	IBA0003_3G	2	4.15	0	4.15	1	0.999992104
2015	2	73001	IBA0004_3G	2	5.1	0	5.1	1	0.999990297
2015	2	73001	IBA0011_3G	2	0	8.416667	8.416667	0.999791253	0.999983987
2015	2	73001	IBA0012_3G	2	0	6.1	6.1	0.99984871	0.999988394
2015	2	73001	IBA0020_3G	2	124	19.399999	143.399999	0.999518849	0.999727169
2015	2	73001	IBA0021_3G	2	0	1407.383333	1407.383333	0.965094659	0.99732233
2015	2	73001	IBA0025_3G	2	5.333333	0	5.333333	1	0.999989853
2015	2	73001	IBA0026_3G	2	38.516667	0	38.516667	1	0.999926719
2015	2	73001	IBA0029_3G	2	3.233333	0	3.233333	1	0.999993848
2015	2	73001	IBA0032_3G	2	0	7.366667	7.366667	0.999817295	0.999985984
2015	2	73001	IBA0038_3G	2	0	7.5	7.5	0.999813988	0.999985731
2015	2	73001	IBA0051_3G	2	141.133334	0	141.133334	1	0.999731481
2015	2	73001	IBA0056_3G	2	7.3	0	7.3	1	0.999986111
2015	2	73001	IBA0059_3G	2	9.866666	155.933334	165.8	0.996132606	0.999684551
2015	2	73001	IBA0075_3G	2	142.433334	0	142.433334	1	0.999729008
2015	2	73001	IBA0076_3G	2	0	939.85	939.85	0.976690228	0.998211853
2015	2	73001	IBA0078_3G	2	157.116666	0	157.116666	1	0.999701072
2015	2	73001	IBA0079_3G	2	4059.116666	132.533333	4191.649999	0.996712963	0.992025019
2015	2	47703	MAG0001_3G	2	0	52.583333	52.583333	0.99869585	0.999899956
2015	2	47205	MAG0003_3G	2	17.85	0	17.85	1	0.999966039
2015	2	47545	MAG0008_3G	2	0	243.583334	243.583334	0.993958747	0.999536561
2015	2	47720	MAG0011_3G	2	26.283333	4.2	30.483333	0.999895833	0.999942003
2015	2	47288	MAG0017_3G	2	0	3.666667	3.666667	0.999909061	0.999993024
2015	2	47555	MAG0018_3G	2	0	5.933333	5.933333	0.999852844	0.999988711
2015	2	47245	MAG0022_3G	2	4.433333	49.950001	54.383334	0.998761161	0.999896531
2015	2	47551	MAG0023_3G	2	5.333333	0	5.333333	1	0.999989853
2015	2	47318	MAG0031_3G	2	4.366667	5.883333	10.25	0.999854084	0.999980498
2015	2	47707	MAG0032_3G	2	0	5.883333	5.883333	0.999854084	0.999988806
2015	2	47798	MAG0033_3G	2	0	152.933333	152.933333	0.996207011	0.999709031
2015	2	47980	MAG0036_3G	2	59.766666	0	59.766666	1	0.999886289
2015	2	47692	MAG0037_3G	2	0	80.816667	80.816667	0.997995618	0.999846239
2015	2	47030	MAG0038_3G	2	323.183334	176.283334	499.466668	0.995627894	0.999049721
2015	2	47268	MAG0039_3G	2	43.750001	0	43.750001	1	0.999916762

2015	2	47258	MAG0041_3G	2	0	3.933333	3.933333	0.999902447	0.999992516
2015	2	47745	MAG0049_3G	2	4.016667	3.5	7.516667	0.999913194	0.999985699
2015	2	47053	MAG0057_3G	2	0	8.283333	8.283333	0.99979456	0.99998424
2015	2	47245	MAG0058_3G	2	319.033333	64.466667	383.5	0.998401124	0.999270358
2015	2	47189	MAG0060_3G	2	0	2.416667	2.416667	0.999940063	0.999995402
2015	2	47189	MAG0061_3G	2	6.316667	0	6.316667	1	0.999987982
2015	2	47189	MAG0063_3G	2	0	131.583333	131.583333	0.996736524	0.999749651
2015	2	47189	MAG0072_3G	2	33.9	0	33.9	1	0.999935502
2015	2	47245	MAG0076_3G	2	0	12.683333	12.683333	0.999685433	0.999975869
2015	2	47555	MAG0082_3G	2	0	5.983333	5.983333	0.999851604	0.999988616
2015	2	47555	MAG0083_3G	2	4.016667	0	4.016667	1	0.999992358
2015	2	47980	MAG0090_3G	2	70.4	0	70.4	1	0.999866058
2015	2	47551	MAG0095_3G	2	9.366667	9.533334	18.900001	0.999763558	0.999964041
2015	2	47555	MAG0098_3G	2	0	5.85	5.85	0.999854911	0.99998887
2015	2	47245	MAG0102_3G	2	3.983333	12.716667	16.7	0.999684606	0.999968227
2015	2	47189	MAG0106_3G	2	0	73.2	73.2	0.998184524	0.999860731
2015	2	47189	MAG0137_3G	2	0	2.433333	2.433333	0.999939649	0.99999537
2015	2	47555	MAG8081_3G	2	0	5.883333	5.883333	0.999854084	0.999988806
2015	2	17001	MAN0013_3G	2	93.25	52.15	145.4	0.998706597	0.999723364
2015	2	17001	MAN0020_3G	2	27.8	0	27.8	1	0.999947108
2015	2	17001	MAN0028_3G	2	156.900001	0	156.900001	1	0.999701484
2015	2	17001	MAN0041_3G	2	0	594.85	594.85	0.985246776	0.998868246
2015	2	5001	MED0003_3G	2	92.85	0	92.85	1	0.999823345
2015	2	5001	MED0024_3G	2	405.066667	0	405.066667	1	0.999229325
2015	2	5001	MED0033_3G	2	0	278.683333	278.683333	0.993088211	0.999469781
2015	2	5001	MED0055_3G	2	0	114.333333	114.333333	0.997164352	0.999782471
2015	2	5360	MED0064_3G	2	120.416667	0	120.416667	1	0.999770897
2015	2	5266	MED0081_3G	2	385.95	0	385.95	1	0.999265696
2015	2	5360	MED0087_3G	2	5.4	402.133333	407.533333	0.990026455	0.999224632
2015	2	5001	MED0092_3G	2	0	201.05	201.05	0.995013641	0.999617485
2015	2	5001	MED0098_3G	2	0	72.25	72.25	0.998208085	0.999862538
2015	2	5001	MED0100_3G	2	0	235.566667	235.566667	0.994157573	0.999551814
2015	2	5001	MED0155_3G	2	251.5	0	251.5	1	0.999521499
2015	2	5266	MED0189_3G	2	648.616667	0	648.616667	1	0.99876595
2015	2	5212	MED0229_3G	2	93.25	0	93.25	1	0.999822584
2015	2	5001	MED0241_3G	2	13.566667	0	13.566667	1	0.999974188
2015	2	5001	MED0244_3G	2	10.3	0	10.3	1	0.999980403

2015	2	5001	MED0271_3G	2	251.483334	0	251.483334	1	0.999521531
2015	2	5001	MED0286_3G	2	251.516667	0	251.516667	1	0.999521468
2015	2	5380	MED0298_3G	2	3.25	5.816667	9.066667	0.999855737	0.99998275
2015	2	5001	MED0312_3G	2	12.183333	0	12.183333	1	0.99997682
2015	2	5001	MED0355_3G	2	187.799999	0	187.799999	1	0.999642694
2015	2	5001	MED0469_3G	2	6.683333	0	6.683333	1	0.999987284
2015	2	5001	MED0503_3G	2	0	227.266667	227.266667	0.994363426	0.999567605
2015	2	5266	MED0504_3G	2	47.75	243	290.75	0.993973214	0.999446823
2015	2	5001	MED0505_3G	2	0	7.6	7.6	0.999811508	0.99998554
2015	2	5001	MED0506_3G	2	0	227.383333	227.383333	0.994360532	0.999567383
2015	2	5001	MED0507_3G	2	0	284.1	284.1	0.992953869	0.999459475
2015	2	5631	MED0508_3G	2	0	227.2	227.2	0.994365079	0.999567732
2015	2	5088	MED0509_3G	2	0	227.466667	227.466667	0.994358466	0.999567225
2015	2	5001	MED0512_3G	2	0	9.3	9.3	0.999769345	0.999982306
2015	2	5001	MED1018_3G	2	0	79.716667	79.716667	0.9980229	0.999848332
2015	2	5001	MED1021_3G	2	0	85.966667	85.966667	0.99786789	0.999836441
2015	2	5001	MED1037_3G	2	251.5	0	251.5	1	0.999521499
2015	2	5360	MED1059_3G	2	5.45	0	5.45	1	0.999989631
2015	2	5001	MED1061_3G	2	0	201.033333	201.033333	0.995014054	0.999617516
2015	2	5001	MED1062_3G	2	0	169.733334	169.733334	0.995790344	0.999677067
2015	2	5001	MED1064_3G	2	0	65.983333	65.983333	0.998363509	0.999874461
2015	2	5212	MED1066_3G	2	13.083333	0	13.083333	1	0.999975108
2015	2	5001	MED1074_3G	2	251.516667	0	251.516667	1	0.999521468
2015	2	5001	MED1081_3G	2	7.383333	30.983333	38.366666	0.999231564	0.999927004
2015	2	5001	MED2005_3G	2	97.3	0	97.3	1	0.999814878
2015	2	5001	MED2010_3G	2	11.483333	0	11.483333	1	0.999978152
2015	2	5001	MED2016_3G	2	0	57.966667	57.966667	0.998562335	0.999889713
2015	2	5001	MED2086_3G	2	54.683333	21.566667	76.25	0.999465112	0.999854928
2015	2	50006	MET0002_3G	2	9.116666	6872.45	6881.566666	0.829552331	0.986907217
2015	2	50001	MET0003_3G	2	654.333335	394.099999	1048.433334	0.990225694	0.998005264
2015	2	50313	MET0013_3G	2	54.566667	388.316666	442.883333	0.99036913	0.999157376
2015	2	50689	MET0014_3G	2	0	387.133334	387.133334	0.990398479	0.999263445
2015	2	50606	MET0016_3G	2	0	384.6	384.6	0.99046131	0.999268265
2015	2	50226	MET0017_3G	2	396.783333	0	396.783333	1	0.999245085
2015	2	50001	MET0019_3G	2	658.350001	390.316668	1048.666669	0.990319527	0.99800482
2015	2	50318	MET0020_3G	2	0	385.866667	385.866667	0.990429894	0.999265855
2015	2	50110	MET0023_3G	2	0	10.333334	10.333334	0.999743717	0.99998034

2015	2	50287	MET0025_3G	2	0	382.583334	382.583334	0.990511326	0.999272102
2015	2	50568	MET0027_3G	2	7.383333	16.7	24.083333	0.999585813	0.999954179
2015	2	50711	MET0030_3G	2	3.066667	383.1	386.166667	0.990498512	0.999265284
2015	2	50400	MET0034_3G	2	7.25	5.683334	12.933334	0.999859044	0.999975393
2015	2	50150	MET0035_3G	2	0	383.399999	383.399999	0.990491071	0.999270548
2015	2	50573	MET0037_3G	2	0	704.883334	704.883334	0.982517774	0.998658898
2015	2	50006	MET0045_3G	2	127.216664	276.866668	404.083332	0.993133267	0.999231196
2015	2	50313	MET0047_3G	2	213.883332	365.600001	579.483333	0.99093254	0.998897482
2015	2	50689	MET0053_3G	2	0	383.316667	383.316667	0.990493138	0.999270706
2015	2	50001	MET0058_3G	2	347.533334	104.283333	451.816667	0.997413608	0.999140379
2015	2	50313	MET9013_3G	2	10.733334	385.866667	396.600001	0.990429894	0.999245434
2015	2	23001	MON0001_3G	2	0	6.283333	6.283333	0.999844163	0.999988045
2015	2	23001	MON0036_3G	2	0	7.983333	7.983333	0.999802001	0.999984811
2015	2	23001	MON0052_3G	2	0	70.083333	70.083333	0.998261822	0.99986666
2015	2	23001	MON8024_3G	2	0	11.116667	11.116667	0.999724289	0.99997885
2015	2	52356	NAR0002_3G	2	0	1.25	1.25	0.999968998	0.999997622
2015	2	52240	NAR0005_3G	2	0	3.716667	3.716667	0.999907821	0.999992929
2015	2	52001	NAR0006_3G	2	0	0.916667	0.916667	0.999977265	0.999998256
2015	2	52788	NAR0007_3G	2	0	1.45	1.45	0.999964038	0.999997241
2015	2	52838	NAR0010_3G	2	0	1.25	1.25	0.999968998	0.999997622
2015	2	52356	NAR0011_3G	2	0	1.366666	1.366666	0.999966105	0.9999974
2015	2	52678	NAR0014_3G	2	0	0.616667	0.616667	0.999984706	0.999998827
2015	2	52399	NAR0015_3G	2	0.733333	0.95	1.683333	0.999976438	0.999996797
2015	2	52240	NAR0022_3G	2	0	0.533333	0.533333	0.999986772	0.999998985
2015	2	52001	NAR0024_3G	2	0.683333	0.566667	1.25	0.999985946	0.999997622
2015	2	52001	NAR0027_3G	2	0.866667	0.616667	1.483334	0.999984706	0.999997178
2015	2	52356	NAR0030_3G	2	0	0.983333	0.983333	0.999975612	0.999998129
2015	2	52585	NAR0031_3G	2	0	1.066666	1.066666	0.999973545	0.999997971
2015	2	52317	NAR0033_3G	2	0	0.55	0.55	0.999986359	0.999998954
2015	2	52110	NAR0042_3G	2	0	11.649999	11.649999	0.999711062	0.999977835
2015	2	52378	NAR0044_3G	2	0	10.716667	10.716667	0.99973421	0.999979611
2015	2	52215	NAR0062_3G	2	0	0.566667	0.566667	0.999985946	0.999998922
2015	2	52356	NAR0071_3G	2	0	11.483333	11.483333	0.999715195	0.999978152
2015	2	52687	NAR0075_3G	2	0	0.616667	0.616667	0.999984706	0.999998827
2015	2	52240	NAR0077_3G	2	5.9	0.55	6.45	0.999986359	0.999987728
2015	2	52356	NAR0079_3G	2	0	1.233334	1.233334	0.999969411	0.999997653
2015	2	52356	NAR0080_3G	2	0	1.166666	1.166666	0.999971065	0.99999778

2015	2	52356	NAR0082_3G	2	0	1.333334	1.333334	0.999966931	0.999997463
2015	2	52356	NAR0086_3G	2	271.1	1.3	272.4	0.999967758	0.999481735
2015	2	41001	NEI0002_3G	2	0	18.55	18.55	0.999539931	0.999964707
2015	2	41001	NEI0008_3G	2	0	13.05	13.05	0.999676339	0.999975171
2015	2	41001	NEI0013_3G	2	0	9.6	9.6	0.999761905	0.999981735
2015	2	41001	NEI0016_3G	2	33.033333	0	33.033333	1	0.999937151
2015	2	41001	NEI0019_3G	2	7.666667	0	7.666667	1	0.999985413
2015	2	41001	NEI0023_3G	2	0	82.433333	82.433333	0.997955522	0.999843163
2015	2	41001	NEI0024_3G	2	0	24.466667	24.466667	0.999393188	0.99995345
2015	2	41001	NEI0026_3G	2	6.083333	0	6.083333	1	0.999988426
2015	2	41001	NEI0028_3G	2	0	13.5	13.5	0.999665179	0.999974315
2015	2	41001	NEI0042_3G	2	4.816667	0	4.816667	1	0.999990836
2015	2	41001	NEI0044_3G	2	7.016667	0	7.016667	1	0.99998665
2015	2	41001	NEI0053_3G	2	0	12.983333	12.983333	0.999677993	0.999975298
2015	2	54405	NST0001_3G	2	10.966667	0	10.966667	1	0.999979135
2015	2	54498	NST0009_3G	2	169.15	15.35	184.5	0.999619296	0.999648973
2015	2	54498	NST0010_3G	2	8.7	37.366666	46.066666	0.999073247	0.999912354
2015	2	54498	NST0011_3G	2	0	15.366667	15.366667	0.999618882	0.999970764
2015	2	54518	NST0013_3G	2	9.1	0	9.1	1	0.999982686
2015	2	54172	NST0016_3G	2	12.416667	0	12.416667	1	0.999976376
2015	2	54670	NST0020_3G	2	20.483333	0	20.483333	1	0.999961029
2015	2	54498	NST0021_3G	2	3.45	37.4	40.85	0.999072421	0.999922279
2015	2	54385	NST0026_3G	2	45.15	22.416667	67.566667	0.999444031	0.999871449
2015	2	54003	NST0027_3G	2	0	19.733333	19.733333	0.999510582	0.999962456
2015	2	54498	NST0035_3G	2	0	7.483333	7.483333	0.999814401	0.999985762
2015	2	54099	NST0037_3G	2	7.166667	0	7.166667	1	0.999986365
2015	2	54518	NST0038_3G	2	6.616667	0	6.616667	1	0.999987411
2015	2	54206	NST0040_3G	2	628.383337	0	628.383337	1	0.998804446
2015	2	54405	NST0058_3G	2	0	28.383334	28.383334	0.999296048	0.999945998
2015	2	54498	NST0059_3G	2	3.5	28.216667	31.716667	0.999300182	0.999939656
2015	2	54498	NST0070_3G	2	3.566667	15.433334	19.000001	0.999617229	0.999963851
2015	2	54498	NST0071_3G	2	3.366667	30.383333	33.75	0.999246445	0.999935788
2015	2	54498	NST0072_3G	2	26.783333	15.616666	42.399999	0.999612682	0.99991933
2015	2	54405	NST0074_3G	2	10.9	7.483333	18.383333	0.999814401	0.999965024
2015	2	54498	NST0076_3G	2	6.733334	37.333333	44.066667	0.999074074	0.999916159
2015	2	54498	NST0077_3G	2	3.433333	37.5	40.933333	0.99906994	0.999922121
2015	2	54498	NST0078_3G	2	3.366667	45.183333	48.55	0.998879382	0.999907629

2015	2	54518	NST0084_3G	2	4.1	0	4.1	1	0.999992199
2015	2	52001	PAS0001_3G	2	0.95	1.533334	2.483334	0.999961971	0.999995275
2015	2	52001	PAS0002_3G	2	45.516665	1.516667	47.033332	0.999962384	0.999910515
2015	2	52001	PAS0003_3G	2	0.966667	1.5	2.466667	0.999962798	0.999995307
2015	2	52001	PAS0005_3G	2	0.9	1.2	2.1	0.999970238	0.999996005
2015	2	52001	PAS0006_3G	2	0.933333	1.433334	2.366667	0.999964451	0.999995497
2015	2	52001	PAS0007_3G	2	0	1.6	1.6	0.999960317	0.999996956
2015	2	52001	PAS0008_3G	2	0.9	1.366667	2.266667	0.999966104	0.999995687
2015	2	52001	PAS0010_3G	2	0	15.483333	15.483333	0.999615989	0.999970542
2015	2	52001	PAS0011_3G	2	0	1.533333	1.533333	0.999961971	0.999997083
2015	2	52001	PAS0012_3G	2	0	1.366666	1.366666	0.999966105	0.9999974
2015	2	52001	PAS0013_3G	2	246.599999	0	246.599999	1	0.999530822
2015	2	52001	PAS0014_3G	2	0	1.25	1.25	0.999968998	0.999997622
2015	2	52001	PAS0015_3G	2	0	0.533333	0.533333	0.999986772	0.999998985
2015	2	52001	PAS0016_3G	2	0	0.633333	0.633333	0.999984292	0.999998795
2015	2	52001	PAS0017_3G	2	0.75	23.733333	24.483333	0.999411376	0.999953418
2015	2	52001	PAS0018_3G	2	0	1.516667	1.516667	0.999962384	0.999997114
2015	2	52001	PAS0019_3G	2	0	25.366666	25.366666	0.999370866	0.999951738
2015	2	52001	PAS0020_3G	2	6.116667	1.516667	7.633334	0.999962384	0.999985477
2015	2	52001	PAS0021_3G	2	0	1.133333	1.133333	0.999971892	0.999997844
2015	2	52001	PAS0022_3G	2	0	0.55	0.55	0.999986359	0.999998954
2015	2	52001	PAS0023_3G	2	0	0.583333	0.583333	0.999985532	0.99999889
2015	2	52001	PAS0024_3G	2	0.85	0.6	1.45	0.999985119	0.999997241
2015	2	52001	PAS0026_3G	2	0.9	5.116666	6.016666	0.999873099	0.999988553
2015	2	52001	PAS0028_3G	2	0	1.266666	1.266666	0.999968585	0.99999759
2015	2	52001	PAS0029_3G	2	1.05	1.633333	2.683333	0.999959491	0.999994895
2015	2	52001	PAS0030_3G	2	0	0.533333	0.533333	0.999986772	0.999998985
2015	2	52001	PAS0031_3G	2	0	0.55	0.55	0.999986359	0.999998954
2015	2	52001	PAS0032_3G	2	0	1.266666	1.266666	0.999968585	0.99999759
2015	2	52001	PAS0033_3G	2	0.866667	1.133333	2	0.999971892	0.999996195
2015	2	52001	PAS0034_3G	2	0.8	1.15	1.95	0.999971478	0.99999629
2015	2	52001	PAS0035_3G	2	0.833333	1.233334	2.066667	0.999969411	0.999996068
2015	2	52001	PAS0036_3G	2	0	1.4	1.4	0.999965278	0.999997336
2015	2	52001	PAS0038_3G	2	0	0.55	0.55	0.999986359	0.999998954
2015	2	52001	PAS0039_3G	2	0	1.233334	1.233334	0.999969411	0.999997653
2015	2	52001	PAS0040_3G	2	0.8	0.566667	1.366667	0.999985946	0.9999974
2015	2	52001	PAS0041_3G	2	28.05	1.583333	29.633333	0.999960731	0.99994362

2015	2	66001	PER0008_3G	2	57.983333	0	57.983333	1	0.999889682
2015	2	66001	PER0020_3G	2	101.7	0	101.7	1	0.999806507
2015	2	66001	PER0029_3G	2	30.866667	212.266667	243.133334	0.99473545	0.999537418
2015	2	66001	PER0034_3G	2	0	2.633333	2.633333	0.999934689	0.99999499
2015	2	66001	PER0042_3G	2	0	11.566667	11.566667	0.999713128	0.999977993
2015	2	66170	PER0043_3G	2	1.466667	0	1.466667	1	0.99999721
2015	2	66001	PER0047_3G	2	0	5.5	5.5	0.999863591	0.999989536
2015	2	66001	PER0055_3G	2	30.866667	0	30.866667	1	0.999941273
2015	2	66001	PER0060_3G	2	0	5.333333	5.333333	0.999867725	0.999989853
2015	2	66001	PER0061_3G	2	0	4.716667	4.716667	0.999883019	0.999991026
2015	2	66001	PER0081_3G	2	0	4.716667	4.716667	0.999883019	0.999991026
2015	2	19001	POP0001_3G	2	0.966667	1.433334	2.400001	0.999964451	0.999995434
2015	2	19001	POP0002_3G	2	0.85	8.216667	9.066667	0.999796214	0.99998275
2015	2	19001	POP0003_3G	2	1.066667	1.533333	2.6	0.999961971	0.999995053
2015	2	19001	POP0004_3G	2	0.9	1.166667	2.066667	0.999971065	0.999996068
2015	2	19001	POP0005_3G	2	1.083333	1.8	2.883333	0.999955357	0.999994514
2015	2	19001	POP0006_3G	2	1.366667	1.316667	2.683334	0.999967345	0.999994895
2015	2	19001	POP0008_3G	2	1.833333	16.550001	18.383334	0.999589534	0.999965024
2015	2	19001	POP0009_3G	2	0.816667	1.183334	2.000001	0.999970651	0.999996195
2015	2	19001	POP0010_3G	2	0.8	0.583333	1.383333	0.999985532	0.999997368
2015	2	19001	POP0011_3G	2	1.25	1.816666	3.066666	0.999954944	0.999994165
2015	2	19001	POP0012_3G	2	0.683333	1.133334	1.816667	0.999971892	0.999996544
2015	2	19001	POP0014_3G	2	1.45	1.766666	3.216666	0.999956184	0.99999388
2015	2	19001	POP0015_3G	2	1.633333	1.383333	3.016666	0.999965691	0.999994261
2015	2	19001	POP0016_3G	2	0.8	1.7	2.5	0.999957837	0.999995244
2015	2	19001	POP0017_3G	2	1.35	1.116667	2.466667	0.999972305	0.999995307
2015	2	19001	POP0018_3G	2	0.933333	2.566667	3.5	0.999936343	0.999993341
2015	2	19001	POP0019_3G	2	0.966667	1.316667	2.283334	0.999967345	0.999995656
2015	2	19001	POP0023_3G	2	0.783333	0.55	1.333333	0.999986359	0.999997463
2015	2	19001	POP0024_3G	2	0.683333	1.5	2.183333	0.999962798	0.999995846
2015	2	19001	POP0027_3G	2	0.866667	1.733333	2.6	0.999957011	0.999995053
2015	2	19001	POP0029_3G	2	0.666667	0.95	1.616667	0.999976438	0.999996924
2015	2	19001	POP0030_3G	2	0.833333	1	1.833333	0.999975198	0.999996512
2015	2	19001	POP0031_3G	2	0.966667	5.133333	6.1	0.999872685	0.999988394
2015	2	19001	POP0032_3G	2	0.966667	2.683333	3.65	0.999933449	0.999993056
2015	2	86001	PUT0001_3G	3	21.5	0	21.5	1	0.999959094
2015	2	27001	QBD0001_3G	2	173.683333	6.533333	180.216666	0.999837963	0.999657122

2015	2	27001	QBD0002_3G	2	1305.766667	71.7	1377.466667	0.998221726	0.997379249
2015	2	63470	QUI0001_3G	2	21.983333	0	21.983333	1	0.999958175
2015	2	63470	QUI0009_3G	2	21.433333	0	21.433333	1	0.999959221
2015	2	63594	QUI0010_3G	2	166.266667	0	166.266667	1	0.999683663
2015	2	63470	QUI0014_3G	2	22.3	0	22.3	1	0.999957572
2015	2	63690	QUI0016_3G	2	7.15	0	7.15	1	0.999986396
2015	2	63111	QUI0018_3G	2	321.983332	9.216667	331.199999	0.999771412	0.999369863
2015	2	63401	QUI0020_3G	2	21.566666	0	21.566666	1	0.999958968
2015	2	63001	QUI0022_3G	2	5.766667	0	5.766667	1	0.999989028
2015	2	63470	QUI0023_3G	2	16.066666	0	16.066666	1	0.999969432
2015	2	63001	QUI0037_3G	2	0	102.066667	102.066667	0.997468585	0.999805809
2015	2	44001	RIO0002_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0003_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0004_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0005_3G	2	8.233333	0	8.233333	1	0.999984335
2015	2	44001	RIO0006_3G	2	8.166667	0	8.166667	1	0.999984462
2015	2	44001	RIO0007_3G	2	8.183333	0	8.183333	1	0.999984443
2015	2	44001	RIO0008_3G	2	8.166667	5.35	13.516667	0.999867312	0.999974283
2015	2	44001	RIO0009_3G	2	8.266667	0	8.266667	1	0.999984272
2015	2	44001	RIO0010_3G	2	8.183333	0	8.183333	1	0.999984443
2015	2	44001	RIO0011_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0012_3G	2	8.233333	0	8.233333	1	0.999984335
2015	2	44001	RIO0015_3G	2	8.25	0	8.25	1	0.999984304
2015	2	44001	RIO0017_3G	2	8.15	8.166667	16.316667	0.999797454	0.999968956
2015	2	44001	RIO0018_3G	2	8.233333	0	8.233333	1	0.999984335
2015	2	44001	RIO0019_3G	2	8.25	0	8.25	1	0.999984304
2015	2	44001	RIO0020_3G	2	8.166667	0	8.166667	1	0.999984462
2015	2	44001	RIO0021_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0022_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0023_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0024_3G	2	8.133333	0	8.133333	1	0.999984526
2015	2	44001	RIO0025_3G	2	8.25	0	8.25	1	0.999984304
2015	2	44001	RIO0026_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0028_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0029_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0030_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0031_3G	2	8.15	0	8.15	1	0.999984494

2015	2	44001	RIO0032_3G	2	8.2	0	8.2	1	0.999984399
2015	2	44001	RIO0033_3G	2	8.25	0	8.25	1	0.999984304
2015	2	44001	RIO0034_3G	2	8.166667	0	8.166667	1	0.999984462
2015	2	44001	RIO0035_3G	2	8.166667	0	8.166667	1	0.999984462
2015	2	44001	RIO0038_3G	2	8.183333	0	8.183333	1	0.999984443
2015	2	44001	RIO0039_3G	2	8.15	0	8.15	1	0.999984494
2015	2	44001	RIO0040_3G	2	8.183333	0	8.183333	1	0.999984443
2015	2	44001	RIO0041_3G	2	8.183333	0	8.183333	1	0.999984443
2015	2	44001	RIO0042_3G	2	8.233333	0	8.233333	1	0.999984335
2015	2	44001	RIO8001_3G	2	8.2	121.183333	129.383333	0.996994461	0.999753837
2015	2	44001	RIO8027_3G	2	8.166667	0	8.166667	1	0.999984462
2015	2	66001	RIS0003_3G	2	0	146.933334	146.933334	0.99635582	0.999720446
2015	2	66001	RIS0009_3G	2	0	3.35	3.35	0.999916915	0.999993626
2015	2	66088	RIS0011_3G	2	0	3.183333	3.183333	0.999921048	0.999993943
2015	2	66001	RIS0029_3G	2	0	4.716667	4.716667	0.999883019	0.999991026
2015	2	66383	RIS0032_3G	2	40.366667	3.883333	44.25	0.999903687	0.999915811
2015	2	66045	RIS0033_3G	2	0	4.483333	4.483333	0.999888806	0.99999147
2015	2	66456	RIS0034_3G	2	0	3.2	3.2	0.999920635	0.999993912
2015	2	66001	RIS0035_3G	2	5.95	149.733334	155.683334	0.996286376	0.999703799
2015	2	66594	RIS0036_3G	2	7.216667	105.716667	112.933334	0.997378059	0.999785134
2015	2	66682	RIS0038_3G	2	509.216667	0	509.216667	1	0.999031171
2015	2	66687	RIS0041_3G	2	0	4.633333	4.633333	0.999885086	0.999991185
2015	2	66001	RIS0045_3G	2	0	442.266666	442.266666	0.989031085	0.999158549
2015	2	66088	RIS0050_3G	2	0	4.133333	4.133333	0.999897487	0.999992136
2015	2	66001	RIS0051_3G	2	0	3.2	3.2	0.999920635	0.999993912
2015	2	66001	RIS0054_3G	2	0	3.883333	3.883333	0.999903687	0.999992612
2015	2	88001	SAN0001_3G	3	1779.766667	77.483333	1857.25	0.99807829	0.996466419
2015	2	88001	SAN0002_3G	3	364.55	77.533333	442.083333	0.99807705	0.999158898
2015	2	88001	SAN0003_3G	3	563.833334	77.5	641.333334	0.998077877	0.998779807
2015	2	88001	SAN0004_3G	3	122.3687	77.5	199.8687	0.998077877	0.999619732
2015	2	88001	SAN0005_3G	3	1750.35	77.55	1827.9	0.998076637	0.99652226
2015	2	88001	SAN0008_3G	3	2004.116666	77.5	2081.616666	0.998077877	0.996039542
2015	2	88001	SAN0009_3G	3	1281.033333	77.533333	1358.566666	0.99807705	0.997415208
2015	2	88001	SAN0013_3G	3	0	93.366667	93.366667	0.997684358	0.999822362
2015	2	68418	SAT0004_3G	2	0	5.733333	5.733333	0.999857804	0.999989092
2015	2	68679	SAT0008_3G	2	0	127.7	127.7	0.996832837	0.99975704
2015	2	15686	SAT0019_3G	2	6.916667	3.216667	10.133334	0.999920222	0.99998072

2015	2	68077	SAT0021_3G	2	0	90.600001	90.600001	0.997752976	0.999827626
2015	2	68861	SAT0022_3G	2	0	3.3	3.3	0.999918155	0.999993721
2015	2	68406	SAT0023_3G	2	0	16.1	16.1	0.999600694	0.999969368
2015	2	68081	SAT0032_3G	2	2.733333	0	2.733333	1	0.9999948
2015	2	68655	SAT0045_3G	2	41.366666	22.683334	64.05	0.999437417	0.999878139
2015	2	68081	SAT0047_3G	2	2.683333	0	2.683333	1	0.999994895
2015	2	68190	SAT0061_3G	2	0	137.916666	137.916666	0.996579448	0.999737601
2015	2	68327	SAT0064_3G	2	0	3.166667	3.166667	0.999921462	0.999993975
2015	2	68689	SAT0071_3G	2	0	226.3	226.3	0.994387401	0.999569444
2015	2	68895	SAT0072_3G	2	3.533333	30.216667	33.75	0.999250579	0.999935788
2015	2	68235	SAT0077_3G	2	42.483334	30.05	72.533334	0.999254712	0.999861999
2015	2	68572	SAT0081_3G	2	0	48.266666	48.266666	0.99880291	0.999908168
2015	2	68385	SAT0099_3G	2	175.816666	361.25	537.066666	0.991040427	0.998978184
2015	2	68770	SAT0105_3G	2	6.783333	3.2	9.983333	0.999920635	0.999981006
2015	2	68092	SAT0109_3G	2	67.85	22.45	90.3	0.999443204	0.999828196
2015	2	68547	SAT0110_3G	2	13.35	0	13.35	1	0.9999746
2015	2	68081	SAT0124_3G	2	2.716667	0	2.716667	1	0.999994831
2015	2	68276	SAT0143_3G	2	0	8.9	8.9	0.999779266	0.999983067
2015	2	68081	SAT0150_3G	2	2.6	0	2.6	1	0.999995053
2015	2	68547	SAT0159_3G	2	0	11.916667	11.916667	0.999704448	0.999977327
2015	2	70001	SIN0006_3G	2	0	127.616667	127.616667	0.996834904	0.999757198
2015	2	70001	SIN0008_3G	2	92.049999	0	92.049999	1	0.999824867
2015	2	70001	SIN0010_3G	2	0	127.6	127.6	0.996835317	0.99975723
2015	2	70001	SIN0013_3G	2	106.333333	0	106.333333	1	0.999797692
2015	2	70001	SIN0017_3G	2	0	82	82	0.99796627	0.999843988
2015	2	70001	SIN0018_3G	2	5.083333	0	5.083333	1	0.999990329
2015	2	70001	SIN0041_3G	2	0	750.066667	750.066667	0.981397156	0.998572933
2015	2	70001	SIN0047_3G	2	6.35	0	6.35	1	0.999987919
2015	2	70001	SIN0048_3G	2	0	255.016667	255.016667	0.993675182	0.999514808
2015	2	70001	SIN8028_3G	2	73.016667	0	73.016667	1	0.999861079
2015	2	70001	SIN8030_3G	2	4.7	68.216667	72.916667	0.998308118	0.99986127
2015	2	47001	SMA0003_3G	2	0	48.35	48.35	0.998800843	0.99990801
2015	2	47001	SMA0021_3G	2	132.450001	17.2	149.650001	0.999573413	0.999715278
2015	2	47001	SMA0023_3G	2	4.05	0	4.05	1	0.999992295
2015	2	47001	SMA0026_3G	2	9.416667	18.733333	28.15	0.999535384	0.999946442
2015	2	47001	SMA0053_3G	2	0	290.4	290.4	0.992797619	0.999447489
2015	2	47001	SMA0059_3G	2	35.35	0	35.35	1	0.999932744

2015	2	47001	SMA0062_3G	2	0	155.683333	155.683333	0.996138806	0.999703799
2015	2	47001	SMA0069_3G	2	3.3	0	3.3	1	0.999993721
2015	2	47001	SMA0070_3G	2	0	12.333333	12.333333	0.999694114	0.999976535
2015	2	47001	SMA0085_3G	2	0	71.25	71.25	0.998232887	0.999864441
2015	2	47001	SMA0087_3G	2	5.033333	0	5.033333	1	0.999990424
2015	2	47001	SMA0089_3G	2	0	287.383333	287.383333	0.992872437	0.999453228
2015	2	47001	SMA0094_3G	2	65.683334	0	65.683334	1	0.999875032
2015	2	47001	SMA0099_3G	2	4.2	0	4.2	1	0.999992009
2015	2	47001	SMA0105_3G	2	0	62.516667	62.516667	0.998449487	0.999881057
2015	2	47001	SMA0117_3G	2	0	46.283333	46.283333	0.9988521	0.999911942
2015	2	47001	SMA0121_3G	2	7.166667	0	7.166667	1	0.999986365
2015	2	47001	SMA0124_3G	2	17.866667	0	17.866667	1	0.999966007
2015	2	47001	SMA0133_3G	2	154.466667	0	154.466667	1	0.999706114
2015	2	47001	SMA0156_3G	2	16	0	16	1	0.999969559
2015	2	47001	SMA8114_3G	2	256.533333	0	256.533333	1	0.999511923
2015	2	47001	SMA8115_3G	2	0	269.849999	269.849999	0.993307292	0.999486587
2015	2	70678	SUC0003_3G	2	7.35	0	7.35	1	0.999986016
2015	2	70771	SUC0011_3G	2	3.9	0	3.9	1	0.99999258
2015	2	70713	SUC0015_3G	2	4.416667	0	4.416667	1	0.999991597
2015	2	70235	SUC0018_3G	2	4.533333	4.616667	9.15	0.999885499	0.999982591
2015	2	70820	SUC0019_3G	2	194.666667	0	194.666667	1	0.99962963
2015	2	70508	SUC0020_3G	2	4.35	0	4.35	1	0.999991724
2015	2	70429	SUC0021_3G	2	6.3	3.416667	9.716667	0.999915261	0.999981513
2015	2	70233	SUC0023_3G	2	0.933333	453.05	453.983333	0.988763641	0.999136257
2015	2	70820	SUC0032_3G	2	25.333333	0	25.333333	1	0.999951801
2015	2	70702	SUC0036_3G	2	0	7.5	7.5	0.999813988	0.999985731
2015	2	70429	SUC0043_3G	2	3.8	3.766667	7.566667	0.999906581	0.999985604
2015	2	70265	SUC0044_3G	2	3.866667	16.366667	20.233334	0.999594081	0.999961504
2015	2	70001	SUC0045_3G	2	4.116667	49.083333	53.2	0.998782655	0.999898782
2015	2	70820	SUC0048_3G	2	0	4.633333	4.633333	0.999885086	0.999991185
2015	2	70820	SUC0049_3G	2	514.5	0	514.5	1	0.999021119
2015	2	70678	SUC0053_3G	2	3.55	0	3.55	1	0.999993246
2015	2	70702	SUC0054_3G	2	0	45.066667	45.066667	0.998882275	0.999914257
2015	2	70713	SUC0055_3G	2	105.699999	117.583334	223.283333	0.997083747	0.999575184
2015	2	70823	SUC0058_3G	2	0	61.033333	61.033333	0.998486276	0.999883879
2015	2	70820	SUC0063_3G	2	0	280.333333	280.333333	0.993047288	0.999466641
2015	2	70713	SUC0066_3G	2	0	66.416667	66.416667	0.998352761	0.999873636

2015	2	70215	SUC0071_3G	2	0	10.516667	10.516667	0.99973917	0.999979991
2015	2	70215	SUC0072_3G	2	0	9.95	9.95	0.999753224	0.999981069
2015	2	70235	SUC0073_3G	2	4.116667	7.933334	12.050001	0.999803241	0.999977074
2015	2	73449	TOL0001_3G	2	481.066666	197.9	678.966666	0.995091766	0.998708206
2015	2	25488	TOL0002_3G	2	1518.233332	315	1833.233332	0.9921875	0.996512113
2015	2	73067	TOL0005_3G	2	0	785	785	0.980530754	0.998506469
2015	2	73349	TOL0008_3G	2	9.533333	9.8	19.333333	0.999756944	0.999963217
2015	2	73449	TOL0014_3G	2	0	200.633334	200.633334	0.995023975	0.999618278
2015	2	73671	TOL0018_3G	2	0	262.95	262.95	0.993478423	0.999499715
2015	2	73168	TOL0023_3G	2	57.933333	0	57.933333	1	0.999889777
2015	2	73861	TOL0028_3G	2	6.416667	60.683333	67.1	0.998494957	0.999872336
2015	2	73411	TOL0029_3G	2	9.383333	0	9.383333	1	0.999982147
2015	2	73449	TOL0030_3G	2	478.016666	197.85	675.866666	0.995093006	0.998714105
2015	2	73678	TOL0031_3G	2	1036.716666	0	1036.716666	1	0.998027556
2015	2	73026	TOL0032_3G	2	6.4	16.783333	23.183333	0.999583747	0.999955892
2015	2	73200	TOL0037_3G	2	200.350001	251.866666	452.216667	0.993753307	0.999139618
2015	2	73352	TOL0039_3G	2	0	336.183333	336.183333	0.99166212	0.999360382
2015	2	73547	TOL0047_3G	2	0	16.2	16.2	0.999598214	0.999969178
2015	2	73504	TOL0048_3G	2	0	174.25	174.25	0.995678323	0.999668474
2015	2	73349	TOL0059_3G	2	12.4	9.166666	21.566666	0.999772652	0.999958968
2015	2	73449	TOL0069_3G	2	0	202.816667	202.816667	0.994969825	0.999614124
2015	2	73124	TOL0071_3G	2	35.816666	0	35.816666	1	0.999931856
2015	2	73449	TOL0079_3G	2	0	197.85	197.85	0.995093006	0.999623573
2015	2	73449	TOL0083_3G	2	368.033333	197.866667	565.9	0.995092593	0.998923326
2015	2	73275	TOL0099_3G	2	10.566667	155.45	166.016667	0.996144593	0.999684139
2015	2	73275	TOL0151_3G	2	0	154.816666	154.816666	0.996160301	0.999705448
2015	2	15001	TUN0004_3G	2	16.966667	0	16.966667	1	0.999967719
2015	2	15001	TUN0005_3G	2	6.533333	0	6.533333	1	0.99998757
2015	2	15001	TUN0008_3G	2	0	7.866667	7.866667	0.999804894	0.999985033
2015	2	15001	TUN0010_3G	2	7.75	0	7.75	1	0.999985255
2015	2	15001	TUN0011_3G	2	0	77.266667	77.266667	0.998083664	0.999852993
2015	2	15001	TUN0012_3G	2	7.666667	0	7.666667	1	0.999985413
2015	2	15001	TUN0013_3G	2	22.283333	0	22.283333	1	0.999957604
2015	2	15001	TUN0014_3G	2	0	7.15	7.15	0.999822669	0.999986396
2015	2	15001	TUN0019_3G	2	18.016667	0	18.016667	1	0.999965722
2015	2	15001	TUN0023_3G	2	16.816667	0	16.816667	1	0.999968005
2015	2	15001	TUN0025_3G	2	16.883333	0	16.883333	1	0.999967878

2015	2	76147	VAC0014_3G	2	1.533333	9.933333	11.466666	0.999753638	0.999978184
2015	2	76736	VAC0021_3G	2	1.066667	0	1.066667	1	0.999997971
2015	2	76147	VAC0026_3G	2	102.583333	793.1	895.683333	0.980329861	0.998295884
2015	2	76109	VAC0038_3G	2	521.5	120.416668	641.916668	0.997013475	0.998778697
2015	2	76109	VAC0066_3G	2	0	45.7	45.7	0.998866567	0.999913052
2015	2	76122	VAC0075_3G	2	0	35.25	35.25	0.999125744	0.999932934
2015	2	76147	VAC0081_3G	2	106.783333	296.633333	403.416666	0.992643022	0.999232464
2015	2	76109	VAC0105_3G	2	17.3	16.25	33.55	0.999596974	0.999936168
2015	2	76147	VAC0121_3G	2	30.949999	16.1	47.049999	0.999600694	0.999910483
2015	2	66001	VAC0134_3G	2	0	27.433334	27.433334	0.99931961	0.999947806
2015	2	76147	VAC0153_3G	2	0	17.849999	17.849999	0.999557292	0.999966039
2015	2	76147	VAC0166_3G	2	0	8.083333	8.083333	0.999799521	0.999984621
2015	2	76109	VAC0176_3G	2	0	22.2	22.2	0.999449405	0.999957763
2015	2	76147	VAC0185_3G	2	255.9	0	255.9	1	0.999513128
2015	2	76109	VAC0204_3G	2	7.616667	0	7.616667	1	0.999985509
2015	2	76109	VAC0209_3G	2	7.55	66.433334	73.983334	0.998352348	0.99985924
2015	2	76895	VAC0220_3G	2	0	15.216667	15.216667	0.999622603	0.999971049
2015	2	20001	VAL0011_3G	2	138.45	0	138.45	1	0.999736587
2015	2	20001	VAL0035_3G	2	11.633333	0	11.633333	1	0.999977867
2015	2	20001	VAL0036_3G	2	0	29.183333	29.183333	0.999276207	0.999944476
2015	2	20001	VAL0044_3G	2	0	128.116667	128.116667	0.996822503	0.999756247
2015	2	20001	VAL0052_3G	2	0	34.416666	34.416666	0.999146412	0.999934519
2015	2	20001	VAL0059_3G	2	50.966667	0	50.966667	1	0.999903031
2015	2	20001	VAL0067_3G	2	49.666666	0	49.666666	1	0.999905505
2015	2	20001	VAL0075_3G	2	0	7.333333	7.333333	0.999818122	0.999986048
2015	2	97001	VAU0001_3G	3	60.333334	1364.216667	1424.550001	0.966165261	0.997289669
2015	2	99001	VIC0001_3G	3	62.566667	0	62.566667	1	0.999880961
2015	2	50001	VIL0005_3G	2	2.166667	0	2.166667	1	0.999995878
2015	2	50001	VIL0012_3G	2	84.633334	0	84.633334	1	0.999838978
2015	2	50001	VIL0020_3G	2	85.666666	0	85.666666	1	0.999837012
2015	2	50001	VIL0033_3G	2	74.45	0	74.45	1	0.999858352
2015	2	50001	VIL0034_3G	2	0	33.316667	33.316667	0.999173694	0.999936612
2015	2	50001	VIL0040_3G	2	55.666666	345.633334	401.3	0.991427745	0.999236492
2015	2	50001	VIL0041_3G	2	5.55	0	5.55	1	0.999989441
2015	2	50001	VIL0045_3G	2	83.2	103.116667	186.316667	0.997442543	0.999645516
2015	2	50001	VIL0047_3G	2	28.033333	0	28.033333	1	0.999946664
2015	2	50001	VIL0051_3G	2	85.75	0	85.75	1	0.999836853

2015	2	50001	VIL0055_3G	2	0	9.233333	9.233333	0.999770999	0.999982433
2015	2	50001	VIL0060_3G	2	0	791.116666	791.116666	0.980379051	0.998494831
2015	2	50001	VIL0077_3G	2	2.6	0	2.6	1	0.999995053