

Appendix 8

PROCESSED GRAVITY IN MRT FORMAT

Station	AMG-AGD66	AMG-AGD66	AHD83	ISOGAL65	Ter Cor
Number	EASTING	NORTHING	(Tas) RL	GRAVITY mGal	2.67g/cc
1000	488079.95	5448397.70	36.889	980270.71	0.24
1001	486183.42	5448942.52	17.179	980273.28	0.09
1002	484850.26	5450181.45	6.054	980276.25	0.08
1003	483887.37	5451954.26	3.932	980278.23	0.07
1004	483140.57	5453652.45	2.333	980276.88	0.08
1005	485155.20	5451279.50	24.331	980274.04	0.08
1006	486902.45	5452256.88	47.442	980267.79	0.12
1007	488730.22	5453113.17	29.281	980277.60	0.08
1009	491024.92	5455044.65	48.529	980277.89	0.07
1010	491652.79	5455761.33	45.037	980279.10	0.07
1011	492498.57	5456175.81	36.105	980280.96	0.07
1012	494362.20	5456804.24	55.135	980279.33	0.09
1013	495395.30	5457099.90	56.637	980279.24	0.08
1014	485609.40	5452665.82	33.945	980270.28	0.07
1015	485913.56	5453630.22	33.066	980270.92	0.07
1016	486571.66	5454779.62	33.579	980274.32	0.04
1017	487488.59	5456114.31	41.910	980276.02	0.03
1018	488321.35	5456257.83	39.144	980277.29	0.03
1019	488960.13	5452457.23	48.536	980272.46	0.08
1020	489883.84	5452194.66	53.181	980273.04	0.08
1021	490574.56	5451485.11	76.333	980268.27	0.12
1022	491509.46	5451693.73	70.697	980271.98	0.20
1023	490443.29	5450731.67	148.152	980250.73	0.47
1024	489853.09	5450119.85	180.122	980242.93	0.39
1025	490578.05	5449263.65	96.122	980259.95	0.29
1026	489511.01	5449808.79	172.608	980244.44	1.36
1027	485456.19	5450407.90	22.357	980274.52	0.07
1027	500380.25	5449436.99	110.134	980269.81	0.15
1028	492018.08	5451763.05	54.821	980276.37	0.13
1029	492822.79	5451865.73	58.748	980276.35	0.12
1030	490994.91	5451997.10	52.758	980275.50	0.16
1031	487378.73	5449581.39	38.177	980269.89	0.40
1032	493606.39	5452057.52	90.955	980270.62	0.12
1034	494525.28	5451789.15	122.745	980264.94	0.13
1035	495162.30	5451269.97	116.858	980267.53	0.17
1037	495283.08	5450375.99	77.262	980274.79	0.19
1038	491590.41	5448534.58	49.404	980271.59	0.13
1039	492683.26	5448692.89	69.631	980269.44	0.52

1040	493703.17	5448825.21	93.689	980266.19	0.73
1041	495738.67	5448551.87	86.395	980271.51	0.47
1042	497300.28	5448331.34	96.189	980271.78	0.35
1043	486884.12	5450297.04	27.960	980272.59	0.11
1044	486530.18	5449564.07	16.520	980274.89	0.12
1045	498332.71	5448079.48	124.285	980267.21	0.43
1046	500949.78	5448534.62	132.945	980265.70	0.16
1046	500949.76	5448534.60	132.945	980265.70	0.16
1048	503205.39	5448881.65	94.690	980271.62	0.12
1049	504778.09	5449549.23	75.306	980277.04	0.12
1050	505550.68	5449359.73	90.474	980273.24	0.19
1051	508273.19	5451082.89	46.487	980281.51	0.08
1052	509402.89	5452099.49	64.386	980276.84	0.16
1053	496963.92	5447544.91	121.932	980263.81	0.41
1054	511752.15	5452017.98	69.303	980273.59	0.11
1055	513422.31	5452808.68	87.431	980267.45	0.19
1056	514029.40	5453736.30	36.350	980276.33	0.27
1057	515145.43	5453978.75	87.220	980264.24	0.17
1058	515128.51	5455307.51	63.324	980269.48	0.15
1060	514276.02	5458957.89	15.051	980279.87	0.11
1061	488273.18	5451990.74	70.224	980265.28	0.16
1062	491889.52	5454351.74	62.296	980275.50	0.08
1063	492980.43	5454260.02	69.863	980274.19	0.07
1064	494138.28	5454090.30	68.140	980275.23	0.07
1065	489760.18	5454745.33	58.917	980274.66	0.06
1066	488942.61	5455402.10	51.779	980275.70	0.04
1067	497592.56	5448448.84	99.908	980271.40	0.35
1068	498145.74	5453009.92	65.379	980278.80	0.13
1069	497604.25	5454525.01	28.259	980285.39	0.09
1070	497560.35	5456039.53	24.077	980285.95	0.11
1071	496851.29	5457387.02	19.748	980286.08	0.05
1072	493781.03	5449638.46	108.185	980264.56	0.21
1073	493617.88	5450484.31	105.188	980265.54	0.19
1074	493156.15	5451335.16	73.243	980272.43	0.12
1075	496590.73	5449334.82	84.230	980274.31	0.20
1077	499678.74	5450798.84	75.439	980277.81	0.13
1078	500040.38	5451952.65	72.369	980277.60	0.11
1079	500237.95	5453351.28	59.848	980280.29	0.07
1080	500682.98	5454240.55	57.798	980280.89	0.07
1082	502235.21	5452935.05	100.428	980272.76	0.11
1084	508346.33	5453798.50	60.352	980277.55	0.07

1086	508377.21	5458381.23	28.744	980282.26	0.05
1087	506199.35	5451171.03	79.607	980275.96	0.09
1092	506532.51	5452121.73	63.764	980278.34	0.06
1093	506479.42	5453007.14	65.619	980277.65	0.05
1094	506075.82	5453909.21	54.381	980280.08	0.10
1095	505754.21	5455174.44	62.059	980278.62	0.13
1096	504530.45	5455424.68	101.406	980272.28	0.19
1097	504299.26	5456162.06	98.587	980272.25	0.09
1098	503817.97	5456455.68	77.678	980276.08	0.07
1099	507020.33	5449376.48	98.989	980271.00	0.12
1099	507020.10	5449376.55	99.304	980271.06	0.12
1100	512630.89	5452838.94	93.134	980267.00	0.15
1101	511491.72	5453050.17	65.265	980274.13	0.09
1102	510954.42	5453945.36	70.812	980272.89	0.20
1103	510225.78	5454741.32	39.428	980279.42	0.23
1104	513675.07	5451771.62	91.030	980267.71	0.09
1105	512754.09	5450984.51	132.886	980261.12	0.57
1106	513128.34	5450386.07	114.590	980264.78	0.11
1106	513129.60	5450386.30	114.937	980264.84	0.11
1107	513438.17	5449353.22	104.076	980266.61	0.15
1108	515146.14	5442541.60	322.791	980223.14	0.59
1109	514278.49	5443390.45	251.565	980238.10	0.69
1110	514963.90	5444957.60	279.878	980230.84	0.73
1111	515463.39	5445383.24	210.607	980244.93	0.40
1112	515512.15	5446620.66	161.506	980254.53	0.21
1113	515168.64	5447336.12	133.558	980260.37	0.37
1115	512003.09	5451383.95	92.648	980269.32	0.17
1117	511378.16	5449854.18	142.008	980260.81	0.27
1118	511468.53	5448920.65	146.278	980260.01	0.19
1119	511570.24	5448044.48	162.902	980256.22	0.40
1120	511517.11	5447452.07	149.190	980259.28	0.27
1121	511881.54	5447129.58	208.481	980247.22	0.51
1122	512144.20	5447509.33	238.804	980240.34	0.61
1123	512867.26	5447234.32	212.904	980245.61	0.71
1124	515665.17	5448026.96	102.053	980265.21	0.23
1125	515379.86	5448876.83	93.004	980266.67	0.21
1126	514507.27	5448391.40	122.207	980261.98	0.44
1127	514108.35	5449547.60	130.723	980260.42	0.41
1128	513970.55	5450422.18	88.514	980268.66	0.11
1131	512644.00	5443972.10	189.370	980251.17	0.32
1131	512641.28	5443966.82	188.623	980251.16	0.31

1132	512485.79	5443394.04	111.773	980266.68	0.32
1133	513214.21	5444553.15	235.402	980241.37	0.39
1134	511122.28	5450772.42	88.757	980271.42	0.22
1136	511285.20	5444090.60	175.117	980253.60	0.49
1137	510547.59	5443526.36	140.102	980261.15	0.28
1138	509633.17	5444158.94	78.535	980273.95	0.24
1139	510580.14	5444657.38	112.145	980267.00	0.19
1141	510305.90	5445638.01	138.022	980261.21	0.44
1142	509859.31	5446115.62	115.431	980266.59	0.25
1143	511865.07	5444958.10	162.763	980256.45	0.25
1144	511847.90	5442388.95	136.767	980262.02	0.39
1145	512199.49	5441735.10	195.458	980249.85	0.57
1146	512238.37	5440948.41	178.083	980253.29	0.53
1147	512801.99	5439953.19	180.634	980252.46	0.47
1148	513502.41	5439696.13	218.687	980245.80	0.15
1149	513237.03	5441663.51	261.199	980235.59	0.47
1150	513621.29	5440686.76	254.027	980238.51	0.32
1154	514279.50	5443391.01	252.141	980238.03	0.45
1155	514017.22	5444732.27	254.449	980237.51	0.13
1156	509710.60	5451456.70	103.846	980268.30	0.11
1157	508005.96	5454942.34	65.819	980277.22	0.05
1158	507347.19	5455363.89	49.443	980280.66	0.06
1159	509591.44	5456948.21	7.921	980285.73	0.08
1160	509737.16	5457954.99	9.907	980284.61	0.06
1161	508159.77	5448995.74	64.736	980277.80	0.12
1161	508153.39	5448988.77	64.153	980278.01	0.12
1162	508854.16	5449636.16	64.035	980277.54	0.10
1163	509643.38	5449328.35	103.363	980268.72	0.13
1164	508174.72	5447701.09	67.304	980277.69	0.19
1165	507282.08	5445858.01	79.137	980274.90	0.08
1166	508034.87	5445788.97	106.166	980268.98	0.10
1167	506485.19	5445377.76	81.333	980275.11	0.16
1168	505453.45	5445353.84	132.808	980264.66	0.21
1169	504949.51	5445103.84	215.868	980246.95	0.44
1170	504717.81	5446116.76	148.505	980261.67	0.27
1171	507844.20	5444408.30	87.284	980273.26	0.12
1173	510241.56	5454723.01	41.346	980279.09	0.10
1174	512132.38	5453763.40	91.384	980267.48	0.11
1175	512680.86	5454327.57	79.400	980267.84	0.09
1178	513093.39	5455662.85	51.383	980272.18	0.11
1179	512639.28	5456557.39	45.966	980273.28	0.07

1180	512405.14	5457108.22	38.964	980275.25	0.15
1181	509076.50	5443640.70	58.860	980278.30	0.12
1182	511232.15	5441202.43	91.516	980271.35	0.21
1183	512119.54	5440377.36	133.492	980262.24	0.23
1185	510353.81	5437805.26	76.066	980274.65	0.15
1186	511636.04	5437838.14	115.531	980265.79	0.29
1187	511087.74	5438779.75	85.434	980271.68	0.27
1188	510738.83	5439742.67	98.602	980269.08	0.49
1189	511062.33	5440509.68	118.521	980264.81	0.29
1190	512925.18	5437989.61	123.501	980264.76	0.31
1191	513588.42	5438468.09	241.416	980241.30	0.51
1192	509467.19	5439793.18	133.738	980263.07	0.21
1193	506868.26	5443730.42	109.432	980268.50	0.16
1194	506216.43	5443281.19	202.520	980249.55	0.47
1195	505612.09	5443153.17	167.632	980257.59	0.29
1196	507173.66	5442809.00	162.863	980256.65	0.32
1198	506130.66	5444090.64	141.651	980261.98	0.60
1200	505476.30	5446735.47	102.630	980271.20	0.12
1201	506075.61	5446411.71	96.914	980272.16	0.16
1202	505324.09	5447531.24	90.913	980273.59	0.11
1203	506364.27	5447310.16	128.240	980264.70	0.31
1203	506366.01	5447309.40	127.246	980264.64	0.31
1204	506315.87	5448184.37	120.568	980267.10	0.40
1205	504906.73	5448660.18	85.629	980273.77	0.07
1206	503466.20	5447516.30	122.424	980267.29	0.20
1207	503095.16	5446611.61	189.559	980253.52	0.31
1208	502792.62	5447733.95	130.743	980265.79	0.25
1209	502081.25	5446282.69	165.952	980259.09	0.21
1209	502074.75	5446283.73	182.723	980259.15	0.21
1210	501902.67	5445553.59	142.618	980264.38	0.15
1211	503558.25	5445923.09	197.709	980251.59	0.39
1213	503001.81	5444709.08	166.031	980258.56	0.24
1214	504329.57	5442919.47	144.245	980262.87	0.32
1215	502499.50	5443803.90	107.802	980270.92	0.15
1216	503337.53	5441619.90	101.363	980269.14	0.07
1217	504311.00	5441202.26	102.834	980269.43	0.08
1218	505199.54	5440644.48	100.847	980270.32	0.11
1219	506271.57	5439817.88	110.468	980268.35	0.11
1220	498806.47	5437239.62	76.346	980263.57	0.24
1221	499418.86	5437835.76	140.619	980254.07	0.21
1222	498763.51	5436310.13	21.058	980275.56	0.20

1223	500679.03	5435370.10	137.696	980255.27	0.33
1224	503578.85	5435211.08	153.943	980253.27	0.47
1225	504338.18	5434480.57	171.755	980249.94	0.65
1226	505305.80	5433566.41	262.015	980234.26	0.96
1227	505960.52	5432761.23	266.865	980233.50	0.51
1228	506738.84	5431519.02	233.330	980241.82	0.39
1229	503691.61	5434274.42	293.674	980223.24	0.75
1230	503011.66	5434355.63	315.109	980219.92	0.69
1231	504436.45	5433180.39	341.223	980216.55	0.48
1233	504615.94	5431613.04	313.194	980224.47	0.69
1234	503874.82	5432149.38	240.367	980237.95	0.49
1235	503586.59	5432996.18	243.048	980237.42	0.40
1236	504320.41	5435055.78	209.343	980242.95	0.39
1237	507060.68	5432746.95	286.101	980230.45	0.32
1238	509902.41	5443955.21	99.915	980269.57	0.29
1239	507592.87	5431933.14	302.382	980228.28	0.52
1240	507923.41	5430936.54	223.811	980243.38	0.51
1241	507343.85	5433699.97	407.950	980205.04	0.58
1242	507573.71	5434421.18	403.636	980205.00	0.25
1243	508266.97	5433901.01	436.920	980198.17	0.48
1244	508561.13	5433587.56	443.682	980196.33	0.65
1245	509261.92	5432669.49	431.484	980196.61	1.43
1246	508809.20	5436726.00	177.978	980253.40	0.75
1247	509167.29	5435709.96	187.408	980251.00	1.08
1248	509647.63	5435036.85	126.658	980263.38	0.84
1249	502821.24	5439850.27	90.764	980268.11	0.13
1250	503838.09	5439713.42	94.847	980268.38	0.10
1251	505953.15	5434219.21	369.748	980212.19	0.90
1252	506356.05	5434757.56	358.091	980213.08	0.61
1253	507935.20	5435128.53	425.679	980199.85	0.89
1254	506707.60	5434990.60	384.603	980208.97	0.43
1255	505685.34	5434832.75	294.365	980225.87	0.73
1256	508262.58	5433139.95	386.794	980209.33	0.59
1257	507745.30	5435655.67	419.562	980200.14	1.07
1258	506925.24	5435904.85	406.477	980203.90	1.13
1259	506766.62	5436657.37	341.747	980215.25	0.84
1260	506727.09	5437196.09	228.197	980239.96	0.88
1261	498878.86	5444949.69	120.956	980264.45	0.24
1262	497656.31	5445043.99	154.707	980255.18	0.35
1263	497894.28	5444093.27	218.472	980239.11	0.71
1264	497098.25	5445182.35	182.927	980247.73	0.31

1265	496997.90	5445997.47	196.151	980246.09	0.65
1266	496198.76	5447592.15	137.079	980259.00	0.80
1267	494097.40	5443122.03	53.096	980271.65	0.33
1268	501273.15	5437302.87	112.490	980259.41	0.36
1269	498912.90	5440713.20	159.878	980252.10	0.48
1270	498866.62	5441497.61	174.351	980249.35	0.33
1271	498409.60	5442304.60	238.932	980235.07	0.51
1272	497993.47	5443197.19	216.291	980240.24	0.59
1273	499964.59	5439785.79	156.753	980250.62	0.40
1274	499389.46	5439949.25	111.222	980261.43	0.27
1275	495394.50	5437773.20	24.751	980272.56	0.17
1276	489386.61	5448977.66	157.589	980246.51	0.50
1277	490179.97	5448993.87	66.678	980264.71	0.37
1278	491052.23	5449809.21	114.182	980258.40	0.29
1279	492047.28	5449628.44	62.730	980271.28	0.28
1280	493052.22	5449450.66	72.384	980270.47	0.25
1281	491522.99	5449176.33	47.644	980272.97	0.24
1282	489586.14	5448351.18	59.315	980264.37	0.27
1283	491839.93	5447736.40	108.031	980257.74	0.37
1284	492628.66	5448178.22	114.723	980258.41	0.51
1285	492350.84	5446845.84	154.642	980248.09	0.71
1286	491482.67	5446938.07	102.953	980258.39	0.47
1287	493580.70	5446090.01	72.555	980265.87	1.16
1288	495098.63	5444236.69	89.339	980262.86	0.45
1289	494498.09	5445118.35	119.615	980257.82	0.72
1290	495558.67	5449016.91	73.238	980274.71	0.19
1291	497691.37	5449637.80	167.896	980257.99	0.29
1292	497066.18	5450022.59	146.973	980261.89	0.21
1293	496949.41	5451211.63	143.889	980262.30	0.43
1294	496490.91	5451568.04	94.029	980272.38	0.28
1295	497509.69	5451990.37	96.402	980272.28	0.16
1295	497508.88	5451990.53	96.139	980272.22	0.16
1296	533955.47	5456821.69	91.476	980259.68	0.08
1297	532593.48	5458919.45	27.196	980272.79	0.12
1298	531671.69	5460925.98	41.264	980269.89	0.05
1299	531139.69	5460180.11	38.758	980270.67	0.07
1300	529463.72	5463741.43	17.416	980275.04	0.04
1301	536093.44	5459115.46	5.756	980274.36	0.04
1302	536144.80	5452485.40	63.743	980267.66	0.12
1303	534893.54	5451998.73	52.095	980271.42	0.13
1304	534011.33	5454165.28	110.847	980257.80	0.16

1305	533994.88	5455127.06	109.562	980257.20	0.13
1306	533113.45	5456474.26	113.565	980256.33	0.12
1307	532817.63	5455164.09	84.480	980263.76	0.12
1308	533198.77	5453759.89	130.395	980255.02	0.43
1309	533042.81	5452808.50	121.763	980257.43	0.60
1310	532457.52	5453614.60	58.363	980270.12	0.24
1312	537556.17	5449118.69	57.540	980269.11	0.15
1313	536483.16	5449152.10	75.970	980265.80	0.19
1315	539869.49	5451098.39	94.525	980256.31	0.25
1316	541210.72	5449274.87	94.574	980256.05	0.17
1317	540914.15	5451358.46	68.516	980260.74	0.12
1318	533313.65	5457689.90	91.512	980259.92	0.17
1319	532463.55	5458005.20	109.129	980256.70	0.19
1320	533405.87	5457137.48	97.280	980258.86	0.15
1321	532014.51	5456023.29	66.588	980266.74	0.11
1322	531225.66	5455703.84	39.980	980272.20	0.07
1323	530715.41	5456604.69	48.327	980269.89	0.12
1324	534380.80	5457754.60	20.042	980273.63	0.09
1325	530736.85	5454733.48	38.603	980273.20	0.17
1326	530488.40	5453500.14	61.056	980269.51	0.15
1327	531287.88	5453649.76	83.629	980264.55	0.21
1328	531671.09	5453342.77	61.068	980269.92	0.17
1329	530666.49	5452370.20	136.545	980254.53	0.25
1330	530323.88	5452885.12	84.548	980265.20	0.23
1331	529418.28	5453026.30	66.919	980268.56	0.20
1332	530069.00	5451297.08	75.409	980268.04	0.17
1333	530673.25	5451780.83	115.378	980259.58	0.23
1334	530882.74	5451219.06	123.484	980258.36	0.37
1335	531178.24	5457321.12	58.758	980266.84	0.07
1336	534496.91	5459464.98	1.837	980277.38	0.09
1337	537813.98	5452143.63	35.236	980271.84	0.21
1338	534026.75	5451999.87	55.348	980271.83	0.12
1339	533078.33	5451475.55	96.921	980263.47	0.35
1340	554537.16	5470230.91	18.044	980259.79	0.03
1341	554153.54	5472446.87	12.952	980259.68	0.03
1342	552988.31	5473475.02	27.675	980257.31	0.04
1343	551771.73	5472837.07	10.584	980261.45	0.04
1344	551332.98	5475519.97	36.439	980254.87	0.05
1345	551125.76	5474973.86	23.953	980255.23	0.11
1346	553976.09	5469276.50	21.500	980260.79	0.05
1347	551900.81	5467981.76	50.565	980259.80	0.05

1348	555207.92	5465883.10	45.491	980257.45	0.04
1349	555939.60	5465460.96	40.488	980258.40	0.05
1350	552614.39	5461305.24	91.616	980254.29	0.12
1351	550488.00	5461268.47	66.550	980257.49	0.07
1352	549540.77	5461643.55	43.930	980261.16	0.13
1353	551253.75	5469603.85	30.468	980262.40	0.03
1354	551828.70	5470164.13	33.406	980260.03	0.03
1355	551542.15	5460620.56	79.164	980256.18	0.19
1357	554009.68	5458529.84	105.316	980252.52	0.37
1358	554822.14	5459307.63	119.692	980248.84	0.19
1359	554794.57	5460201.39	73.948	980257.54	0.07
1360	555141.84	5460853.55	98.447	980252.02	0.11
1361	556078.88	5461089.85	91.778	980251.82	0.07
1362	555549.17	5461954.90	85.763	980253.39	0.12
1363	555250.89	5462953.62	73.822	980255.20	0.08
1364	555011.89	5463572.87	56.959	980258.28	0.07
1365	557216.28	5459012.79	135.993	980243.84	0.18
1366	557382.36	5459643.32	104.768	980249.52	0.40
1367	550979.25	5463550.85	60.835	980260.16	0.04
1368	543846.35	5462189.60	18.272	980265.52	0.03
1369	543323.78	5463058.50	19.626	980264.52	0.05
1370	555900.15	5470024.76	19.622	980259.45	0.03
1371	553026.54	5464812.72	100.518	980251.10	0.60
1372	525455.81	5416815.11	381.735	980220.29	1.85
1373	525845.08	5415685.67	452.785	980208.81	2.28
1374	526175.20	5414826.92	356.702	980227.12	1.82
1375	526314.33	5413866.08	342.947	980231.30	1.80
1376	527081.77	5412565.57	434.344	980215.79	2.66
1377	527931.55	5412773.78	463.891	980207.84	2.25
1378	526780.37	5412037.18	328.572	980236.02	2.64
1379	526111.88	5412984.33	321.143	980237.67	1.67
1380	527481.71	5416771.43	671.227	980161.04	2.00
1381	528726.05	5416121.52	813.514	980134.09	1.85
1382	529265.03	5416750.17	783.657	980139.57	2.25
1383	525873.20	5416866.50	483.722	980199.64	2.89
1384	526816.04	5414225.61	476.188	980204.83	2.60
1385	525428.17	5415188.95	334.137	980231.51	1.97
1386	526539.60	5417236.23	562.237	980181.92	2.93
1387	528148.50	5415560.20	715.879	980154.43	2.07
1388	526799.18	5415989.27	579.651	980181.24	2.48
1389	527933.32	5414653.93	591.356	980179.78	2.31

1390	528346.85	5413609.64	617.997	980176.56	2.17
1391	529525.00	5413480.46	657.820	980166.88	2.01
1392	530368.87	5413026.61	691.065	980159.55	2.94
1393	530861.72	5412086.34	643.799	980169.28	3.12
1394	531092.03	5411302.05	619.716	980174.94	3.15
1395	529968.52	5414270.21	764.310	980144.53	2.01
1396	528678.37	5415005.76	782.184	980141.85	2.79
1397	529018.57	5415245.16	841.508	980129.83	1.59
1398	529427.62	5414332.58	835.864	980130.66	2.06
1399	530944.60	5417699.70	987.938	980096.10	3.20
1400	530691.11	5416319.47	847.804	980127.17	3.21
1401	531382.28	5415480.81	891.023	980120.52	2.45
1402	531573.93	5414652.52	863.228	980126.18	2.87
1403	528895.59	5412655.26	633.610	980174.46	2.53
1404	529486.93	5411987.88	647.759	980171.16	1.85
1405	530710.92	5414859.79	656.772	980163.71	4.53
1406	530349.58	5415786.53	685.790	980158.25	3.89
1407	531690.30	5413726.72	827.251	980133.93	2.30
1408	532627.22	5414379.36	905.833	980117.64	1.87
1409	532267.51	5415628.11	967.006	980105.00	1.60
1410	531767.98	5416580.66	986.998	980098.63	1.59
1411	528803.40	5420201.40	449.006	980206.12	1.88
1412	529667.90	5419643.36	547.459	980185.96	2.44
1413	530728.27	5419017.56	687.808	980157.09	2.79
1414	531134.29	5418665.43	764.085	980141.60	2.53
1415	529126.11	5421022.17	399.217	980216.29	1.73
1416	530182.85	5420454.16	529.507	980190.08	2.25
1417	531033.72	5420410.53	674.712	980159.80	2.63
1418	531590.52	5419676.96	731.655	980148.65	2.16
1419	531706.88	5419151.29	786.111	980136.95	2.48
1420	529269.63	5421688.23	459.786	980203.96	1.61
1421	523854.30	5418532.90	389.976	980220.96	1.07
1422	523149.94	5417936.28	421.488	980215.10	0.84
1423	523487.83	5417166.20	426.040	980214.66	1.03
1424	522702.02	5418750.61	398.204	980219.22	0.97
1425	522649.73	5419324.80	417.901	980215.53	0.53
1426	531134.36	5425844.53	502.770	980195.03	1.72
1427	531432.03	5425324.04	518.061	980191.90	1.20
1428	530798.80	5424756.46	457.270	980204.11	1.07
1429	531456.44	5424277.07	488.758	980198.49	1.61
1430	531803.23	5424270.63	550.706	980185.93	2.01

1431	531883.28	5427590.53	403.500	980215.03	1.23
1432	532386.43	5423441.67	637.303	980169.37	2.24
1433	533161.90	5422683.30	695.410	980158.65	1.73
1434	534377.85	5422187.87	748.047	980148.86	1.49
1435	536394.59	5421890.03	675.367	980163.78	1.13
1436	532781.67	5425138.79	556.462	980185.98	1.16
1437	533260.73	5423996.72	678.491	980161.62	1.84
1438	533944.67	5424916.51	622.998	980173.06	1.17
1439	533853.34	5422985.14	679.634	980161.97	1.81
1440	534413.10	5423555.28	717.904	980153.67	1.33
1441	535305.31	5423373.21	668.527	980164.02	0.73
1442	530472.41	5427370.98	436.190	980208.07	1.55
1443	526992.77	5427879.01	464.119	980201.11	1.01
1444	527200.54	5428641.57	483.730	980197.38	1.80
1445	527249.58	5429286.44	525.129	980189.63	2.11
1446	532547.32	5426864.83	480.554	980200.38	1.51
1447	533061.20	5427603.28	562.370	980183.03	1.44
1448	532148.80	5428468.50	406.905	980214.39	1.00
1449	533864.44	5427260.57	590.814	980178.36	1.04
1450	534719.88	5427108.15	614.899	980173.53	1.31
1451	535760.39	5426679.17	628.739	980171.16	1.43
1452	535653.49	5427677.77	552.398	980186.55	0.96
1453	535351.29	5426143.73	624.448	980172.26	0.73
1454	534947.90	5427562.52	577.303	980180.40	2.37
1455	532013.21	5429527.87	411.593	980213.08	0.64
1456	532865.61	5428418.66	419.253	980211.68	1.08
1457	533990.67	5428417.23	425.044	980210.45	1.32
1458	534401.98	5429336.56	543.824	980187.44	1.07
1459	534662.40	5430602.80	635.259	980168.12	1.13
1460	535585.83	5430992.09	664.855	980160.83	1.47
1461	534649.76	5428304.02	428.224	980209.94	1.43
1462	533802.02	5430066.58	693.200	980155.57	2.11
1463	533384.18	5430907.03	652.411	980163.16	1.93
1464	536222.43	5431045.02	693.445	980153.11	2.49
1465	537024.80	5429812.90	636.706	980166.25	1.36
1466	537028.59	5428935.06	629.094	980168.48	1.71
1467	538309.44	5428573.87	559.119	980183.16	1.35
1468	533284.69	5429473.48	597.212	980175.65	2.48
1469	534657.36	5434658.15	592.836	980173.91	2.65
1470	534797.30	5436111.83	583.955	980174.62	2.19
1471	533842.35	5435440.21	541.164	980184.90	1.57

1472	532094.62	5434487.05	495.303	980191.32	5.20
1473	539114.89	5428622.61	567.823	980181.20	1.01
1474	539112.47	5427246.20	595.401	980176.23	0.96
1475	539883.62	5426474.80	605.644	980174.68	0.73
1476	539297.74	5426042.44	561.283	980183.63	0.64
1477	541546.83	5429588.81	497.380	980190.08	2.72
1478	542101.13	5428177.36	696.940	980151.84	1.40
1479	532336.55	5426234.79	417.772	980212.40	1.43
1480	538552.57	5429293.83	601.633	980173.02	1.25
1481	538205.48	5429926.88	538.129	980184.91	1.55
1482	538054.56	5422681.20	667.812	980164.22	0.77
1483	538950.49	5422734.27	617.186	980174.18	0.72
1484	538806.13	5421847.84	644.663	980169.63	0.80
1485	540033.72	5422969.69	587.579	980180.56	0.45
1486	539747.61	5422029.33	594.520	980180.14	0.40
1487	539137.24	5422807.09	610.100	980175.80	0.59
1488	539062.58	5423718.00	579.043	980181.39	0.39
1490	529877.87	5427000.33	536.803	980187.57	1.67
1491	529993.00	5428835.70	560.347	980183.05	1.23
1492	541667.63	5424721.18	605.392	980174.52	0.76
1493	541721.47	5425847.51	618.881	980170.54	1.04
1494	542578.79	5426404.76	748.277	980142.15	1.27
1496	518634.53	5425020.37	381.026	980218.46	0.40
1497	519815.55	5424595.46	399.738	980214.49	0.79
1498	518153.89	5432319.74	174.414	980253.13	0.85
1499	517427.10	5427854.70	305.473	980226.91	1.41
1500	516498.51	5426369.40	369.279	980219.21	0.53
1501	517432.58	5425636.37	362.510	980220.56	0.82
1502	518371.40	5423989.06	379.470	980219.53	0.74
1503	518852.33	5423257.03	394.816	980217.46	0.64
1504	520428.40	5423768.50	428.083	980209.87	0.85
1505	521504.75	5423266.48	436.916	980207.24	1.69
1506	522069.30	5422312.57	417.491	980211.12	1.44
1507	520649.06	5424550.65	424.782	980209.73	1.47
1508	519414.20	5429758.38	388.572	980209.93	1.65
1509	515208.15	5426617.79	394.518	980215.95	0.47
1510	514381.39	5427077.83	372.057	980220.49	0.68
1511	514249.80	5426190.50	387.793	980218.81	0.73
1512	513537.51	5426697.60	365.572	980223.29	0.75
1513	513679.12	5428460.04	341.697	980225.54	0.89
1514	515409.11	5427610.10	370.535	980219.91	0.63

1515	515099.21	5425946.83	345.859	980226.33	0.65
1516	520524.49	5426374.61	542.856	980185.71	1.87
1517	520706.25	5426953.09	558.445	980180.91	1.57
1518	521279.57	5423870.28	497.800	980195.55	1.65
1519	519263.08	5431665.69	330.659	980221.68	1.32
1520	521240.85	5432025.08	531.276	980180.67	1.87
1521	519935.70	5428529.50	521.911	980185.39	0.91
1522	519365.28	5427590.52	523.361	980188.52	1.85
1523	519198.64	5426621.39	441.616	980205.95	1.16
1524	518017.45	5438026.76	340.566	980220.24	0.25
1525	518921.70	5437885.84	282.106	980231.92	0.29
1526	518331.81	5437199.07	324.393	980223.64	0.24
1527	519459.16	5434523.82	231.249	980243.32	0.33
1528	519558.50	5433121.20	184.195	980252.12	0.61
1529	520984.63	5433147.11	265.264	980235.25	2.03
1530	520963.50	5428112.83	495.503	980187.01	1.37
1531	518555.92	5426833.19	404.056	980212.62	1.44
1532	518976.98	5426330.02	416.797	980209.68	1.12
1533	517956.95	5441286.11	218.316	980243.81	0.20
1534	517510.10	5441715.40	215.196	980244.45	0.23
1535	517709.60	5442746.25	206.536	980245.27	0.24
1536	517026.11	5443534.89	186.553	980249.61	0.24
1537	516536.59	5444292.18	188.764	980248.98	0.32
1538	516257.39	5445003.11	165.663	980253.57	0.20
1539	513695.54	5434074.98	120.330	980263.97	0.48
1540	521086.97	5455318.36	82.708	980262.53	0.08
1541	521402.59	5454295.08	98.969	980259.08	0.11
1542	521257.98	5453370.08	106.001	980258.58	0.20
1543	521465.10	5452594.90	120.705	980256.19	0.21
1545	521237.55	5450490.08	118.872	980257.88	0.27
1546	520411.34	5449475.23	162.567	980249.39	0.21
1547	520463.88	5448002.61	185.643	980246.09	0.49
1548	520955.81	5447292.24	173.601	980248.41	0.35
1549	520789.65	5444344.46	265.595	980231.01	0.45
1550	521830.12	5445688.99	202.373	980243.14	0.48
1551	521116.26	5445814.44	217.946	980240.02	0.59
1552	521351.79	5446853.35	162.653	980250.68	0.49
1553	521452.81	5448565.71	148.997	980251.84	0.35
1554	522165.74	5454609.41	72.000	980264.59	0.09
1555	520500.35	5454223.91	71.631	980265.93	0.12
1556	520020.86	5453746.54	45.744	980271.79	0.11

1557	519693.52	5454833.70	32.409	980274.03	0.11
1558	519538.35	5456194.29	25.129	980274.58	0.08
1559	522623.50	5452283.50	117.362	980255.87	0.23
1560	518766.89	5456978.97	28.374	980273.57	0.07
1561	520023.47	5458464.26	18.910	980274.31	0.04
1562	524249.90	5457469.91	53.140	980266.76	0.09
1563	522832.30	5455952.90	47.398	980269.65	0.08
1564	520926.19	5451282.72	115.600	980258.27	0.16
1565	522722.29	5450293.75	101.498	980260.26	0.31
1566	522674.62	5454092.20	52.894	980268.66	0.15
1567	522993.89	5453586.11	54.195	980268.75	0.11
1568	523875.60	5454482.38	41.510	980272.01	0.07
1569	524743.16	5455423.04	54.946	980269.11	0.12
1570	524555.36	5456597.33	82.758	980262.80	0.15
1571	523254.79	5456881.56	32.774	980272.64	0.12
1572	516157.45	5456432.95	107.165	980260.56	0.21
1573	517077.24	5456972.78	51.647	980271.48	0.15
1574	518062.22	5457974.01	13.722	980276.69	0.08
1575	517279.37	5458357.63	52.623	980269.24	0.16
1576	516981.39	5459114.33	39.271	980271.56	0.11
1577	516875.57	5459868.70	9.167	980277.77	0.06
1578	516059.94	5459362.91	68.411	980266.43	0.08
1579	515182.73	5459127.59	38.263	980274.47	0.09
1580	514370.58	5459873.32	6.484	980281.66	0.11
1581	515982.82	5458406.94	85.834	980264.45	0.15
1582	517300.93	5452069.10	116.102	980259.17	0.17
1583	516968.37	5450326.35	105.286	980262.96	0.16
1584	517812.92	5449141.21	123.297	980259.04	0.12
1585	518138.50	5450359.32	106.881	980262.11	0.15
1586	517774.49	5451244.41	92.106	980264.88	0.15
1587	518654.19	5451454.66	86.646	980265.51	0.12
1588	519189.24	5449617.85	97.672	980263.89	0.24
1589	519178.58	5448803.45	135.330	980256.29	0.17
1590	515925.10	5450099.60	124.009	980259.65	0.11
1591	515506.38	5449621.17	82.728	980268.20	0.35
1592	518961.47	5447642.27	184.099	980247.05	0.43
1593	519864.54	5447281.16	192.840	980245.32	0.36
1594	519730.79	5447845.60	162.953	980251.15	0.31
1595	519319.70	5446496.15	149.301	980254.52	0.15
1596	518967.60	5445671.60	154.576	980254.26	0.11
1597	517455.09	5447128.00	128.527	980259.65	0.24

1598	519235.74	5444080.15	151.120	980254.99	0.19
1599	520848.70	5444830.35	222.946	980239.77	0.36
1600	519991.47	5444031.07	170.353	980251.35	0.29
1601	526793.63	5451549.39	71.386	980267.81	0.16
1602	526891.66	5452331.79	81.447	980264.79	0.15
1603	526581.88	5449573.51	89.545	980264.86	0.21
1604	526905.29	5448577.90	78.186	980267.35	0.23
1605	526087.00	5453144.60	41.756	980272.93	0.15
1606	529789.94	5447708.86	109.117	980262.89	0.16
1607	527928.39	5447205.84	54.138	980273.83	0.15
1608	526995.99	5447012.84	52.202	980272.47	0.16
1609	528472.54	5448319.97	58.692	980272.30	0.16
1610	528268.45	5449129.04	48.917	980273.83	0.19
1611	529930.28	5449729.63	76.504	980268.00	0.15
1612	531941.64	5448888.54	146.311	980255.52	0.25
1613	532722.59	5449364.78	184.820	980246.32	0.52
1614	532366.45	5448728.47	117.564	980261.61	0.25
1615	531741.74	5448201.95	149.088	980255.37	0.40
1616	533034.34	5448593.30	133.908	980257.73	0.29
1617	529754.13	5448697.98	90.508	980266.14	0.27
1618	531242.42	5447510.46	126.416	980260.31	0.29
1619	531929.22	5446848.44	163.660	980253.39	0.32
1620	525264.32	5449859.26	105.824	980259.54	0.19
1621	525185.29	5451506.29	89.905	980263.12	0.17
1622	505469.52	5425772.07	24.245	980288.41	0.61
1623	506299.43	5425353.93	48.128	980284.12	0.81
1624	504444.94	5429442.77	172.290	980256.10	0.41
1625	504743.15	5428880.39	177.665	980256.15	0.63
1626	510304.85	5425041.10	270.347	980243.32	0.69
1627	507847.71	5430948.94	224.817	980242.55	0.90
1628	507026.92	5430674.56	280.718	980232.10	0.84
1629	507902.73	5429986.83	217.888	980249.34	0.53
1630	509401.61	5431091.67	333.380	980219.24	0.80
1631	508957.30	5431998.29	496.175	980184.31	2.91
1632	508318.18	5431406.00	317.792	980223.90	1.15
1633	508454.50	5432234.14	396.170	980207.12	1.13
1634	510929.81	5431459.28	136.642	980261.37	0.68
1635	515268.58	5433459.80	137.384	980260.68	0.36
1636	514433.40	5433042.26	195.196	980247.91	0.37
1637	513778.66	5433473.17	203.125	980247.01	0.41
1638	512525.79	5436667.30	104.055	980268.39	0.21

1639	511145.60	5433586.54	178.703	980253.18	0.55
1640	510006.75	5433409.71	181.619	980252.07	1.24
1641	510285.50	5433848.42	176.760	980253.90	0.53
1642	517243.26	5432171.38	216.007	980245.68	0.68
1643	516945.08	5433467.35	201.927	980249.60	0.37
1644	538353.74	5436219.01	165.839	980254.68	0.52
1645	538115.95	5431404.88	267.880	980235.75	1.67
1646	538731.66	5430625.32	307.377	980227.47	2.49
1647	538097.89	5430491.99	390.470	980212.25	2.87
1648	537294.91	5432010.42	316.950	980225.92	1.93
1649	541736.74	5432613.96	348.053	980217.41	2.36
1650	540701.77	5433242.39	473.922	980191.05	3.25
1651	542318.10	5431911.00	268.477	980233.57	0.68
1652	541697.75	5431216.04	269.834	980233.51	1.84
1653	543104.34	5432560.03	286.232	980227.83	1.43
1654	543291.92	5433839.67	239.988	980237.89	0.72
1655	542709.59	5435739.64	177.006	980251.37	0.37
1657	543986.77	5433269.55	332.858	980217.00	1.01
1658	544338.45	5432108.18	496.608	980182.95	2.25
1659	544535.17	5431087.04	603.978	980161.86	1.85
1660	545167.78	5430967.05	668.689	980145.06	3.67
1661	544884.38	5433085.03	336.872	980213.41	1.44
1662	545661.25	5433823.47	244.793	980229.54	1.42
1663	547931.40	5435905.52	163.722	980242.61	1.41
1664	547000.50	5433625.76	273.849	980219.84	3.73
1665	549130.23	5434787.98	409.299	980191.87	3.53
1666	549895.25	5434689.01	490.082	980173.00	3.91
1667	547338.36	5438934.79	135.654	980248.87	0.64
1668	545826.50	5439220.60	164.993	980245.16	0.56
1669	546750.15	5437543.83	149.333	980247.44	0.53
1670	546004.30	5436775.17	172.561	980244.03	0.63
1671	545379.96	5438536.76	174.208	980244.38	0.54
1672	550386.79	5435809.73	165.238	980238.73	2.69
1673	552093.73	5435744.28	300.288	980213.96	1.97
1674	552127.16	5434777.13	419.591	980189.67	1.51
1675	552220.56	5436295.67	286.371	980217.16	1.09
1676	550388.87	5437176.82	232.846	980228.19	1.21
1677	540063.03	5440545.62	135.323	980258.56	0.36
1678	551108.43	5438725.13	263.748	980221.73	1.13
1679	550752.39	5438930.06	205.159	980233.41	0.96
1680	552028.20	5444217.03	69.582	980258.17	0.43

1681	553552.89	5441283.31	196.125	980234.99	0.88
1682	551737.45	5440172.72	112.190	980250.95	1.04
1683	553597.20	5443432.90	163.891	980241.02	0.27
1684	552981.44	5444228.14	150.705	980242.24	0.36
1685	552703.20	5445172.71	135.450	980245.00	0.35
1686	553479.87	5445002.78	145.232	980243.57	0.36
1687	552570.18	5448892.00	110.652	980250.89	0.33
1688	551771.94	5449189.10	78.777	980256.76	0.24
1689	552849.67	5450873.71	77.639	980257.36	0.12
1690	554141.67	5444251.69	116.768	980252.20	0.29
1691	554435.70	5445616.16	109.291	980253.78	0.20
1692	554259.12	5446828.79	102.593	980254.85	0.23
1693	554307.56	5448270.10	82.001	980259.04	0.27
1694	554044.60	5449443.67	65.190	980262.26	0.21
1695	555933.19	5445377.99	121.911	980253.23	0.40
1696	555939.83	5446871.31	93.832	980257.91	0.24
1697	555706.30	5447995.04	81.977	980259.87	0.35
1698	558600.10	5444046.70	275.576	980225.34	0.33
1699	555980.59	5444431.97	165.057	980244.77	0.49
1700	554890.12	5443212.23	125.302	980251.38	0.44
1701	556635.15	5438863.09	377.387	980202.67	1.60
1702	556988.60	5440483.17	405.607	980197.26	2.15
1703	557068.20	5441335.66	387.278	980201.89	2.24
1704	559170.50	5441873.70	242.219	980229.46	0.36
1705	558125.02	5442174.29	275.178	980225.33	0.69
1706	558018.52	5443184.57	363.643	980207.62	0.63
1707	556202.08	5442247.23	274.163	980223.09	1.41
1708	556547.16	5441126.99	281.815	980222.84	1.13
1709	556158.58	5440203.82	222.775	980233.63	0.97
1710	553931.02	5437300.45	381.499	980198.84	0.41
1711	554196.60	5439559.42	285.019	980218.56	0.60
1712	553765.27	5438199.03	341.105	980207.16	0.68
1713	554661.31	5438828.05	336.824	980208.25	0.39
1714	555878.79	5435943.12	290.136	980217.32	0.63
1715	553651.91	5436786.55	385.435	980197.28	0.97
1716	553747.91	5434984.04	585.346	980155.31	3.05
1717	554864.04	5434205.32	479.602	980177.28	2.35
1718	554269.32	5433661.24	428.958	980188.31	2.16
1719	554862.45	5432537.36	321.352	980209.48	2.18
1720	554209.26	5431402.75	327.439	980208.85	1.33
1721	553044.78	5431363.19	386.472	980196.26	2.07

1722	553277.45	5430983.90	393.344	980194.91	2.27
1723	552286.96	5430659.34	513.416	980170.63	4.11
1724	552986.43	5430183.34	568.724	980158.51	4.32
1725	557368.62	5435533.56	257.690	980226.35	0.47
1726	556386.55	5435078.46	274.636	980221.36	0.80
1727	555186.99	5437481.42	296.710	980216.01	0.83
1728	555198.85	5435094.89	321.266	980210.77	1.60
1729	556788.81	5432923.04	414.716	980192.58	1.92
1730	557817.31	5432367.53	364.338	980203.57	1.27
1731	558928.19	5432030.77	321.236	980215.07	0.97
1732	558444.14	5432857.76	293.215	980219.86	0.91
1733	557447.05	5432873.46	333.877	980209.76	1.17
1734	556845.48	5431650.85	372.897	980201.29	1.87
1735	555097.20	5431617.60	327.299	980208.76	1.69
1736	561051.93	5439080.32	234.977	980227.55	0.45
1737	558208.77	5434322.79	259.693	980227.07	0.75
1738	559038.48	5434893.52	253.029	980228.71	0.51
1739	551763.02	5431315.58	495.509	980173.20	4.15
1740	552158.48	5431474.84	513.241	980170.81	3.08
1741	553815.69	5430392.97	397.244	980193.78	2.36
1742	553933.94	5429736.66	406.236	980192.81	2.16
1743	554939.10	5428514.40	412.078	980191.99	2.17
1744	555342.80	5429831.60	314.712	980211.27	0.99
1745	554607.98	5427956.90	465.365	980180.78	2.27
1746	557741.78	5425512.08	347.597	980205.31	1.97
1747	555666.72	5426822.54	376.428	980200.17	1.24
1748	554720.46	5426543.49	405.962	980192.94	1.76
1749	553638.46	5426921.64	412.790	980190.01	2.76
1750	554634.38	5429343.42	403.001	980193.40	2.40
1751	555475.43	5427633.33	419.401	980190.39	2.37
1752	554945.01	5427360.50	370.238	980199.90	2.00
1753	553325.65	5427218.48	472.835	980178.17	2.85
1754	556070.27	5429417.13	284.431	980217.86	0.87
1755	556238.78	5429130.25	288.731	980216.87	0.73
1756	559029.67	5435863.12	238.571	980231.04	0.27
1757	562028.80	5440694.64	267.618	980219.37	0.40
1758	562656.48	5440043.47	291.939	980214.66	0.64
1759	563183.02	5438971.52	322.998	980208.21	0.93
1760	562436.69	5438418.14	348.998	980203.12	0.99
1761	562718.28	5437705.77	417.156	980189.34	1.68
1762	563439.11	5438272.36	379.373	980196.74	1.39

1763	564465.23	5439625.18	532.774	980164.03	1.64
1764	564318.42	5440172.64	579.883	980150.87	4.80
1765	564664.82	5438646.08	537.281	980164.30	1.85
1766	560672.70	5447979.70	221.463	980236.09	0.29
1767	561489.25	5453348.84	677.041	980128.81	10.78
1768	559806.92	5450929.85	279.685	980221.57	0.61
1769	563036.86	5447932.83	266.378	980225.62	0.40
1770	557967.30	5450049.80	148.766	980248.79	0.49
1771	555916.63	5450766.78	133.172	980248.69	0.41
1772	555410.49	5450177.51	151.601	980245.08	0.48
1773	556152.10	5449588.63	155.375	980245.01	0.63
1774	553788.60	5450828.51	55.209	980263.31	0.35
1775	556391.81	5453497.12	119.298	980251.28	0.80
1776	557739.10	5454620.92	256.176	980223.13	0.56
1777	555754.90	5454990.95	331.864	980207.11	0.97
1778	554224.93	5455616.71	231.596	980225.37	0.88
1779	553052.20	5454575.55	60.506	980259.94	0.48
1780	561090.76	5446608.91	253.479	980228.88	0.29
1781	557356.90	5449113.37	180.340	980242.96	1.16
1782	553471.74	5453071.96	89.389	980255.19	0.36
1783	552961.43	5453583.29	59.705	980260.90	0.37
1784	556633.85	5452600.43	206.358	980234.50	1.05
1785	556168.51	5451789.66	135.152	980249.02	0.69
1786	558185.37	5452260.48	289.951	980218.06	0.55
1787	558954.07	5453276.74	293.279	980216.16	0.60
1788	559640.69	5454235.42	231.876	980225.86	0.96
1791	560430.93	5454919.06	210.409	980228.36	0.99
1792	558849.94	5456274.27	328.238	980204.27	1.59
1793	557888.93	5455994.59	162.369	980240.54	0.52
1794	557964.52	5456430.03	172.752	980238.10	0.56
1795	557347.55	5457287.72	125.007	980247.48	0.31
1796	556922.50	5455948.81	162.145	980241.29	0.36
1797	556704.16	5456974.88	165.041	980239.95	0.31
1798	555565.83	5456292.20	204.949	980232.48	0.61
1799	554872.60	5456796.04	203.147	980233.35	0.32
1800	555488.75	5454353.28	362.397	980198.96	2.83
1801	559604.58	5456918.09	169.599	980235.93	0.79
1802	561239.40	5455380.81	205.499	980214.82	0.43
1803	562076.76	5455004.57	252.945	980220.01	0.88
1804	563209.70	5455132.89	289.766	980229.73	0.56
1805	563170.77	5457923.43	158.826	980237.91	0.21

1806	561849.40	5459650.30	123.507	980243.37	0.11
1807	561493.41	5458540.51	148.118	980239.50	0.09
1808	560336.36	5458789.40	146.781	980239.07	0.08
1809	546676.67	5446748.85	144.249	980243.40	0.17
1810	549218.28	5446617.07	187.975	980233.58	0.81
1811	548502.35	5446030.06	167.451	980238.52	0.33
1812	558287.73	5459288.64	192.063	980231.09	0.59
1813	557756.30	5460019.76	176.692	980234.24	0.89
1814	559895.29	5460589.72	156.489	980236.76	0.16
1815	559224.97	5461622.02	114.865	980243.47	0.15
1816	559100.00	5463082.67	97.336	980246.54	0.21
1817	544041.15	5415974.73	487.806	980201.94	1.30
1818	545098.56	5416802.91	503.383	980195.97	1.85
1819	546014.47	5417604.98	482.336	980198.24	2.00
1820	539421.45	5418534.00	659.422	980169.61	1.07
1821	538197.44	5418267.27	726.761	980156.03	1.83
1822	537602.61	5418694.08	822.796	980135.97	2.31
1823	538433.15	5417226.31	807.820	980140.38	1.49
1824	539213.89	5417581.59	720.866	980157.90	1.57
1825	537857.78	5416838.90	835.094	980135.04	1.56
1826	537597.47	5415947.66	854.919	980132.23	1.28
1827	538984.66	5415959.27	828.963	980138.16	0.77
1828	537975.42	5407578.31	361.265	980234.95	1.21
1829	538471.71	5408356.55	378.210	980232.66	0.96
1830	539388.20	5409040.08	465.031	980213.47	1.17
1831	540048.34	5408061.22	393.815	980226.33	0.67
1832	539967.07	5407334.27	372.209	980230.47	0.53
1833	539475.62	5406307.44	362.652	980233.13	0.44
1834	538399.72	5407058.51	362.541	980234.33	0.52
1835	538028.20	5405613.62	365.056	980232.10	1.43
1836	537521.26	5415246.84	850.413	980133.71	0.89
1837	537983.08	5417523.79	892.736	980122.17	1.36
1838	540300.67	5418326.61	661.362	980168.98	1.15
1839	539685.35	5420625.61	606.700	980178.84	0.64
1840	540698.02	5420589.30	628.045	980174.39	0.53
1841	540995.45	5421589.18	633.137	980172.79	0.68
1842	540713.14	5422280.98	608.458	980177.22	0.59
1843	539748.66	5421091.67	609.420	980177.41	0.81
1844	538738.74	5418780.93	641.100	980172.40	1.24
1845	538512.63	5415395.46	857.340	980132.62	0.63
1846	539324.84	5414693.20	816.541	980141.09	0.92

1847	539673.52	5413499.22	744.349	980156.42	1.07
1848	540772.56	5411031.39	591.537	980187.37	1.44
1849	541237.52	5412258.48	715.685	980161.44	1.36
1850	540638.66	5413259.32	698.876	980164.94	1.53
1851	540329.94	5414662.72	804.079	980142.48	2.05
1852	540518.59	5415166.22	749.703	980153.77	1.84
1853	537997.46	5414604.69	789.595	980147.06	0.97
1854	537061.83	5414462.40	788.497	980146.20	1.12
1855	537096.74	5413290.38	712.795	980163.13	1.32
1856	537644.78	5412386.92	698.550	980166.97	1.59
1857	537483.92	5411784.62	630.341	980180.24	1.82
1858	537620.37	5411212.26	579.516	980190.43	2.11
1859	539970.31	5412447.12	661.848	980172.78	1.73
1860	538949.01	5412752.03	649.763	980175.73	2.65
1861	538514.42	5413684.64	736.545	980159.34	1.27
1862	538692.15	5414062.58	790.367	980147.43	1.60
1863	536437.01	5413191.40	651.362	980173.40	2.29
1864	536172.78	5412416.21	552.076	980193.02	2.41
1865	535832.52	5413254.68	677.755	980166.69	2.20
1866	536535.78	5414322.04	759.060	980150.45	2.31
1867	537108.62	5408327.60	371.870	980233.85	1.72
1868	529585.94	5405421.79	344.041	980236.05	0.56
1869	529719.16	5406317.04	322.975	980241.86	0.52
1870	529134.93	5407089.52	307.310	980243.79	1.04
1871	533689.48	5402279.25	484.649	980213.34	2.13
1872	533742.39	5401351.98	643.288	980183.76	1.73
1873	533479.01	5400548.68	680.899	980178.14	1.61
1874	534207.22	5400664.47	662.422	980180.76	2.65
1875	534498.15	5400054.25	645.505	980184.47	1.17
1876	537533.02	5403021.96	553.354	980193.42	0.91
1877	539783.85	5402626.35	638.119	980175.74	0.77
1878	539139.11	5405407.05	365.724	980232.43	1.37
1879	518747.29	5408847.89	115.056	980284.07	0.33
1880	519334.83	5408221.19	90.173	980289.40	0.24
3103	514411.15	5451664.96	60.575	980272.68	0.19
3591	518105.92	5447588.60	185.383	980247.75	0.64
9000	510475.18	5419043.94	97.356	980279.38	0.21
9002	489693.77	5447728.07	46.828	980268.77	0.09
9003	533789.69	5458932.97	15.190	980274.70	0.11
9012	544223.59	5407911.96	386.476	980226.08	1.51
9013	531309.57	5426472.17	395.947	980216.48	0.71

9500	518986.58	5441357.89	206.388	980245.53	0.30
9501	561688.21	5442110.54	175.008	980238.96	0.56