

APÊNDICE 1
DADOS GRAVIMÉTRICOS

APÊNDICE 1

Valores de g, ar-livre e Bouguer para os pontos medidos neste trabalho.

Tabela A.1 - Valores de g calculados para cada ponto medido neste trabalho, com seus respectivos valores de anomalia ar-livre e Bouguer. NUMES = numero da estação, LON = longitude, LAT = latitude, ALT = altitude, GRVO = valor da gravidade observado, ANFA = valor da anomalia ar-livre e ANBG = valor da anomalia Bouguer.

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
106003	-48.4603	-14.4736	582.73	978131.589	-43.03	-108.26
106004	-48.4888	-14.484	644.37	978119.628	-36.42	-108.55
106005	-48.5133	-14.5016	610.47	978122.497	-44.79	-113.12
106006	-48.5316	-14.5301	565.83	978127.262	-55.04	-118.38
106007	-48.5594	-14.5636	613.85	978118.454	-50.5	-119.21
106008	-48.5753	-14.5871	637.66	978112.519	-50.12	-121.49
106009	-48.59	-14.6124	698.52	978099.909	-45.06	-123.25
106010	-48.5898	-14.6376	620.99	978115.531	-54.48	-123.99
106011	-48.5747	-14.7081	582.94	978124.248	-60.61	-125.86
106012	-48.5478	-14.7161	583.61	978121.472	-63.54	-128.87
106013	-48.5274	-14.6988	641.71	978112.492	-53.82	-125.65
106014	-48.5258	-14.7261	594.37	978122.569	-59.57	-126.09
106015	-48.5084	-14.7411	642.39	978113.22	-54.76	-126.67
106016	-48.5124	-14.7684	632.77	978117.879	-54.28	-125.11
106017	-48.5406	-14.7739	639.42	978116.876	-53.48	-125.05
106018	-48.5675	-14.7641	614.09	978119.568	-58.17	-126.91
106019	-48.5989	-14.7676	560.87	978131.646	-62.67	-125.45
106020	-48.6998	-14.7986	505.66	978144.992	-67.74	-124.34
106021	-48.6991	-14.7443	510.77	978145.24	-63.5	-120.67
106022	-48.6867	-14.7129	505.03	978145.952	-63.17	-119.7
106023	-48.7044	-14.6701	526.13	978143.115	-57.6	-116.49
106024	-48.7274	-14.6125	524.8	978146.87	-51.72	-110.46
106025	-48.7447	-14.5819	560.5	978143.124	-43.1	-105.84
106026	-48.6942	-14.5507	590.16	978132.679	-43.02	-109.08
106027	-48.6781	-14.5084	647.49	978119.216	-36.94	-109.41
106028	-48.6514	-14.4945	660.73	978116.502	-34.96	-108.92
106029	-48.5851	-14.4753	609.56	978127.482	-38.93	-107.16
106030	-48.5815	-14.4399	569.65	978142.821	-34.37	-98.13
106031	-48.601	-14.4204	541.47	978152.287	-32.75	-93.36
106032	-48.6074	-14.3915	543.28	978166.621	-16.6	-77.41
106033	-48.6335	-14.378	621.79	978143.197	-15.21	-84.81
106034	-48.6287	-14.3494	569.69	978162.056	-11.19	-74.96
106035	-48.6136	-14.3226	497.16	978187.19	-7.28	-62.93
106036	-48.5786	-14.3745	575.36	978182.524	9.94	-54.46
106037	-48.6125	-14.2823	542.76	978178.471	-0.19	-60.94
106038	-48.6809	-14.3009	546.62	978151.709	-26.56	-87.74
106039	-48.7116	-14.296	514.45	978158.866	-29.12	-86.7
106040	-48.7409	-14.3014	534	978155.397	-26.79	-86.56
106041	-48.7663	-14.3189	527.42	978159.798	-25.17	-84.21
106042	-48.796	-14.3049	555.27	978158.258	-17.52	-79.67
106043	-48.8041	-14.2709	582.23	978155.241	-10.74	-75.91
106044	-48.7845	-14.2483	517.22	978164.372	-20.71	-78.6
106045	-48.7863	-14.2119	505.17	978169.039	-18.2	-74.74
106046	-48.8144	-14.1904	439.22	978185.225	-21.44	-70.6
106047	-48.3841	-14.4841	588.04	978124.825	-48.62	-114.44
106048	-48.4077	-14.4986	586.27	978125.79	-48.83	-114.45
106049	-48.3741	-14.5164	623.2	978117.265	-46.74	-116.49
106051	-48.4789	-14.2941	722.96	978178.697	55.12	-25.8
106052	-48.5065	-14.3432	756.34	978166.836	51.46	-33.2
106053	-48.5069	-14.3783	767.79	978153.513	40.15	-45.79
106054	-48.4936	-14.4278	793.78	978124.458	16.96	-71.88
106055	-48.4332	-14.3294	781.13	978148.923	41.79	-45.64
106056	-48.4786	-14.3537	688.21	978172.882	36.02	-41.01
106057	-48.4811	-14.2754	707.95	978181.804	54.42	-24.82
106002	-49.1413	-14.5242	520	978188.18	-8.01	-66.21
106058	-49.1453	-14.5242	493.02	978193.882	-10.63	-65.82
106059	-49.1534	-14.488	503.46	978193.035	-6.68	-63.03
106060	-49.1566	-14.439	538.06	978189.063	2.16	-58.06
106061	-49.1579	-14.3924	551.9	978192.743	12.14	-49.63
106062	-49.1584	-14.3524	520.67	978194.622	6.12	-52.16
106063	-49.1007	-14.282	501.33	978186.945	-4.49	-60.6

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
106064	-49.1055	-14.3158	510.5	978185.478	-4.58	-61.72
106065	-49.0539	-14.3123	523.67	978175.81	-10.03	-68.65
106066	-48.7717	-14.4677	569.72	978142.795	-35.58	-99.35
106067	-48.7989	-14.4355	562.45	978147.948	-31.27	-94.23
106068	-48.845	-14.3691	505.68	978168.454	-25.4	-82
106069	-48.8592	-14.418	561.95	978151.635	-26.98	-89.88
106070	-48.8952	-14.4114	563.31	978157.33	-20.58	-83.63
106072	-48.9629	-14.4068	480.67	978180.715	-22.49	-76.3
106073	-48.9352	-14.3867	525.96	978169.771	-18.59	-77.46
106071	-48.9622	-14.3295	495.14	978176.013	-19.38	-74.8
106074	-48.932	-14.3488	518.07	978171.857	-17.29	-75.28
106075	-48.9148	-14.362	540.08	978167.244	-15.68	-76.14
106076	-48.9226	-14.2876	480.03	978175.205	-23.04	-76.77
106077	-48.9367	-14.3168	503.86	978172.601	-19.55	-75.95
106078	-48.8862	-14.3577	465.41	978178.387	-27.4	-79.49
106079	-48.9249	-14.511	545.01	978158.487	-29.41	-90.41
106080	-48.9595	-14.5264	485.76	978172.944	-33.91	-88.28
106081	-49.1574	-14.5604	595.25	978171.571	-2.98	-69.61
106082	-49.1627	-14.5908	499.62	978189.632	-15.77	-71.69
106083	-49.1706	-14.6449	579.44	978176.423	-6.73	-71.58
106084	-49.1657	-14.6526	583.26	978175.718	-6.6	-71.88
106085	-49.1557	-14.6613	580.51	978175.371	-8.17	-73.15
106086	-49.1458	-14.669	564.01	978179.619	-9.36	-72.49
106087	-49.1363	-14.6765	594.98	978172.718	-7.07	-73.66
106088	-49.127	-14.6865	544.34	978182.229	-13.59	-74.52
106089	-49.1171	-14.6941	568.14	978177.568	-11.25	-74.84
106090	-49.1048	-14.703	550.96	978181.206	-13.3	-74.97
106091	-49.0959	-14.7096	540.72	978181.846	-16.11	-76.64
106092	-49.0853	-14.7172	513.63	978186.686	-19.97	-77.46
106093	-49.0773	-14.7251	516.72	978185.982	-20.07	-77.91
106094	-49.0707	-14.733	510.5	978188.567	-19.76	-76.9
106095	-49.0695	-14.7448	465.67	978198.217	-24.46	-76.59
106096	-49.064	-14.7572	508.06	978194.651	-15.5	-72.37
106097	-49.0579	-14.7695	532.17	978190.497	-12.76	-72.33
106098	-49.1707	-14.018	516.25	978192.623	17.08	-40.7
106099	-49.0524	-13.8654	461.37	978202.42	16.38	-35.27
106100	-49.0576	-13.8928	450.57	978203.161	12.64	-37.8
106101	-49.0674	-13.9176	482.77	978191.677	10.04	-43.99
106102	-49.0785	-13.9392	469.97	978192.595	6.1	-46.5
106103	-49.0899	-13.9646	457.94	978193.431	2.15	-49.1
106104	-49.0906	-13.9916	521.3	978180.881	8.02	-50.33
106105	-49.0884	-14.0309	539.19	978175.624	6.61	-53.74
106106	-49.0938	-14.0646	487.03	978189.447	2.91	-51.61
106107	-49.1001	-14.09	514.83	978187.705	8.67	-48.96
106108	-49.1071	-14.1196	554.49	978181.791	13.73	-48.33
106109	-49.1159	-14.1426	545.78	978183.976	12.25	-48.84
106110	-49.1246	-14.1706	560.88	978180.956	12.69	-50.09
106111	-49.1287	-14.1977	515.59	978189.23	5.83	-51.89
106112	-49.1328	-14.2241	525.41	978186.857	5.35	-53.46
106113	-49.1395	-14.2503	512.06	978190.114	3.36	-53.96
106114	-49.1477	-14.2809	516.25	978190.614	3.83	-53.95
106115	-49.1276	-14.3883	501.7	978196.272	0.36	-55.8
106116	-49.1367	-14.3524	503.74	978194.912	1.18	-55.2
106117	-49.12	-14.3554	488.82	978194.374	-4.09	-58.8
106118	-49.0933	-14.3581	485.2	978188.428	-11.27	-65.58
106119	-49.0872	-14.3802	485.24	978188.942	-11.7	-66.01
106120	-49.0942	-14.2485	498.7	978187.679	-3.12	-58.94
106121	-49.0696	-14.2371	498.11	978184.021	-6.47	-62.22
106122	-49.0564	-14.2506	472.89	978186.66	-12.19	-65.12
106123	-49.0821	-14.1562	567.87	978176.632	11.14	-52.43
106124	-49.0557	-14.1315	514.44	978182.937	2.01	-55.57
106125	-49.0303	-14.1458	571.17	978169.625	5.59	-58.34
106126	-49.013	-14.1684	540.38	978175.129	0.63	-59.86
106127	-48.9952	-14.1845	507.82	978177.273	-7.97	-64.81
106128	-48.9982	-14.197	553.66	978168.076	-3.55	-65.53
106129	-48.9694	-14.2076	473.91	978180.536	-16.16	-69.2
106130	-48.9376	-14.2222	490.25	978175.03	-17.25	-72.12
106131	-48.9208	-14.2264	426.86	978187.896	-24.13	-71.91
106132	-49.0272	-14.1084	501.43	978184.433	0.48	-55.65
106133	-49.0047	-14.0984	472.45	978188.342	-4.13	-57.02
106134	-48.9812	-14.0997	477.16	978186.4	-4.68	-58.09
106135	-48.9645	-14.1225	475.68	978186.17	-6.34	-59.58

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
106136	-48.9514	-14.1445	475.65	978185.895	-7.56	-60.8
106137	-48.9349	-14.161	484.75	978184.16	-7.19	-61.45
106138	-48.9555	-14.0989	491.47	978182.433	-4.19	-59.2
106139	-48.9305	-14.118	467.94	978187.954	-6.75	-59.12
106140	-48.9038	-14.1226	484.17	978183.278	-6.61	-60.8
106141	-48.884	-14.1368	480.12	978182.774	-8.97	-62.71
106142	-48.9617	-14.0757	503.08	978176.127	-5.93	-62.24
106143	-48.9316	-14.072	548.74	978169.767	1.96	-59.46
106144	-48.9043	-14.0775	495.77	978178.941	-5.45	-60.94
106145	-48.8756	-14.0772	574.71	978162.617	2.6	-61.73
106146	-48.8484	-14.0653	556.23	978165.257	0.04	-62.22
106147	-48.8302	-14.0458	490.27	978176.116	-8.62	-63.5
106148	-48.8158	-14.0227	491	978173.252	-10.28	-65.24
106149	-48.8019	-14.0031	517.5	978167.2	-7.33	-65.25
106150	-48.8204	-14.0617	517.42	978170.385	-6.65	-64.57
106151	-49.0535	-13.951	534.25	978175.515	8.36	-51.44
106152	-49.0334	-13.9682	500.35	978180.103	1.76	-54.24
106153	-49.0011	-13.971	505.63	978179.644	2.81	-53.79
106154	-48.9749	-13.9605	523.05	978175.683	4.67	-53.87
106155	-48.9616	-13.9373	507.8	978177.633	2.89	-53.94
106156	-48.9446	-13.9069	517.31	978175.201	4.68	-53.22
106157	-48.9717	-13.8996	492.67	978183.789	5.97	-49.18
106158	-49.0012	-13.8946	472.33	978191.159	7.27	-45.6
106159	-49.0405	-13.8849	474.38	978196.5	13.65	-39.45
106160	-49.0558	-13.8874	450.37	978204.013	13.65	-36.76
106161	-48.4607	-14.4729	586.75	978131.216	-42.13	-107.81
106162	-48.1756	-14.5504	531.77	978131.402	-62.31	-121.83
106163	-48.1552	-14.5054	502.87	978136.745	-63.91	-120.2
106164	-48.1906	-14.4964	533.68	978131.758	-59	-118.73
106165	-48.1737	-14.5175	601.85	978116.467	-54.17	-121.54
106166	-48.2051	-14.4762	521.83	978132.566	-60.96	-119.37
106167	-48.2707	-14.5041	515.51	978137.541	-59.16	-116.86
106168	-48.2682	-14.5332	587.84	978121.177	-54.47	-120.27
106169	-48.2673	-14.5554	616.8	978114.653	-53.03	-122.07
106170	-48.2911	-14.5494	574.1	978125.322	-55.28	-119.53
106171	-48.3137	-14.5641	577.95	978125.403	-54.65	-119.34
106172	-48.3423	-14.5595	602.02	978119.742	-52.68	-120.07
106173	-48.3685	-14.5507	527.46	978112.409	-82.64	-141.68
106174	-48.364	-14.5762	649.26	978110.001	-48.58	-121.25
106175	-48.3947	-14.54	686.93	978102.824	-42.54	-119.43
106176	-48.4116	-14.5222	641.59	978112.421	-46.16	-117.97
106177	-48.4383	-14.4995	641.73	978113.963	-43.58	-115.41
106178	-48.3076	-14.1966	449.72	978160.793	-42.89	-93.23
106179	-48.3309	-14.4188	484.46	978142.237	-60.33	-114.55
106180	-48.316	-14.3917	496.66	978138.934	-58.68	-114.27
106181	-48.299	-14.3694	497.95	978136.594	-59.66	-115.39
106182	-48.2859	-14.3446	484.48	978139.379	-59.96	-114.18
106183	-48.2681	-14.3242	486.51	978137.749	-60.08	-114.53
106184	-48.2693	-14.2966	449.73	978146.804	-61.18	-111.52
106185	-48.1632	-14.4319	526.12	978130.065	-60.21	-119.1
106186	-48.1379	-14.4442	489.87	978138.164	-63.83	-118.66
106187	-48.1092	-14.4373	464.09	978141.619	-68.03	-119.98
106188	-48.0844	-14.417	514.89	978130.495	-62.6	-120.23
106189	-48.0845	-14.3866	500.21	978130.619	-65.68	-121.67
106190	-48.5817	-14.3053	524.89	978199.188	14.02	-44.73
106191	-48.5363	-14.234	484.85	978220.023	25.57	-28.7
106192	-48.4668	-14.1238	531.41	978196.262	20.9	-38.58
106193	-48.5925	-14.2508	521.2	978189.532	5.57	-52.76
106194	-48.6206	-14.2553	487.71	978179.408	-15.08	-69.67
106195	-48.6483	-14.2539	509.73	978165.759	-21.87	-78.93
106196	-48.6794	-14.2698	521.69	978158.995	-25.63	-84.02
106197	-48.6694	-14.2974	534.56	978153.859	-27.98	-87.81
205117	-49.1411	-14.5246	520		-8.03	-66.23
205116	-48.6122	-14.0223	536.96		-12.57	-72.68
205118	-48.969	-14.0777	492.76		-7.22	-62.38
205119	-48.8564	-14.0992	488.5		-8.99	-63.67
205120	-48.8313	-14.1208	479.32		-13.67	-67.32
205121	-48.797	-14.1149	486.62		-16.09	-70.56
205122	-48.7727	-14.1132	437.49		-23.97	-72.94
205123	-48.9015	-14.0611	504.63		-4.21	-60.69
205124	-48.7689	-13.9921	574.4		0.05	-64.24
205125	-48.7339	-14.0021	487.74		-12.76	-67.35

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
205126	-48.7	-13.9906	540.73		-6.37	-66.89
205127	-48.6809	-14.0201	526.99		-11.19	-70.18
205128	-48.6424	-14.0188	600.97		-3.33	-70.6
205129	-48.7985	-14.0589	455.98		-16.03	-67.07
205130	-48.7772	-14.0516	441.19		-19.03	-68.42
205131	-48.7908	-14.0297	507.54		-9.05	-65.85
205132	-48.7469	-14.057	497.23		-14.12	-69.77
205133	-48.7318	-14.0826	518.21		-14.49	-72.5
205134	-48.7368	-14.1191	444.56		-26.03	-75.79
205135	-48.7061	-14.1107	441.03		-27.69	-77.06
205136	-48.7155	-14.0459	489.22		-16.73	-71.49
205137	-48.6968	-14.0735	491.82		-19.34	-74.38
205138	-48.6722	-14.0965	510.55		-19.55	-76.7
205139	-48.6921	-14.1195	497.2		-22.57	-78.23
205140	-48.7085	-14.147	468.13		-26.18	-78.58
205141	-48.931	-14.046	561.28		4.77	-58.06
205142	-48.9429	-14.0328	618.05		12.07	-57.11
205143	-48.9309	-14.018	695.25		19.28	-58.54
205144	-48.9149	-13.9884	783.62		10.39	-77.32
205145	-48.9093	-14.0354	576.27		4.95	-59.55
205146	-48.8926	-14.0223	565.21		3.42	-59.85
205147	-48.8702	-14.0187	557.4		1.7	-60.69
205148	-48.842	-14.021	500.22		-6.48	-62.47
205149	-48.8891	-13.9646	657.25		16.22	-57.35
205150	-48.8659	-13.9407	741.7		24.38	-58.64
205151	-48.8404	-13.919	685.14		18.02	-58.67
205152	-48.81	-13.9041	690.11		17.67	-59.58
205153	-48.8091	-13.8719	805.5		32.89	-57.27
205154	-48.8308	-13.8521	699.71		30.55	-47.77
205155	-48.8238	-13.822	866.5		43.56	-53.43
205156	-48.8296	-13.7906	510.99		7.83	-49.36
205157	-48.8242	-13.7571	528.79		9.79	-49.4
205158	-48.8461	-13.7312	477.31		6.44	-46.99
205159	-48.865	-13.6967	406.06		3.64	-41.81
205160	-48.9227	-13.705	371.25		-3.44	-44.99
205161	-48.9365	-13.739	385.96		-1.93	-45.13
205162	-48.9461	-13.7754	411.66		1.26	-44.82
205163	-48.9584	-13.8141	443.98		4.16	-45.54
205164	-48.948	-13.8444	463.62		4.39	-47.51
205165	-48.9791	-13.8519	422		1.61	-45.62
205166	-48.7783	-13.9063	649.5		10.26	-62.44
205167	-48.7897	-13.9356	662.54		12.5	-61.66
205168	-48.7647	-13.9565	580.2		1.45	-63.49
205169	-48.6964	-13.7754	766.54		36.35	-49.45
205170	-48.7117	-13.7882	678.95		25.51	-50.48
205171	-48.6705	-13.8002	766.93		33.43	-52.41
201172	-48.6349	-13.8079	690.55		23.79	-53.5
205173	-48.5935	-13.8002	710.82		25.02	-54.54
205174	-48.5316	-13.833	658.7		12.82	-60.91
205175	-48.5479	-13.8614	587.52		3.7	-62.06
205176	-48.5535	-13.8965	559.22		-1.25	-63.85
205177	-48.5595	-13.9292	615.29		2.41	-66.46
205178	-48.5447	-13.9514	567.94		-7.96	-71.53
205179	-48.5389	-13.9761	538.1		-11.4	-71.63
205180	-48.5383	-14.0051	499.2		-15.13	-71
205181	-48.5179	-14.0206	439.24		-23.21	-72.38
205182	-48.543	-14.0199	434.9		-22.81	-71.49
205183	-48.6096	-13.8794	666.6		17.67	-56.94
205184	-48.6051	-13.9181	609.47		5.51	-62.7
205185	-48.6235	-13.9617	580.34		-1.6	-66.56
205186	-48.623	-13.9616	530.38		-8.3	-67.67
205187	-48.5646	-14.0396	539.79		-14.07	-74.49
205188	-48.5931	-14.0359	594.11		-7.96	-74.46
205189	-48.5951	-14.0618	545.16		-13.5	-74.52
205190	-48.5817	-14.0901	475.81		-21.3	-74.56
205191	-48.5739	-14.1125	439.08		-23.9	-73.05
205192	-48.1877	-13.6066	514.32		-21.57	-79.14
205193	-48.1862	-13.6235	616.77		-12.22	-81.25
205194	-48.1399	-13.7386	336.18		-40.64	-78.27
205195	-48.1566	-13.714	346.93		-40.31	-79.14
205196	-48.1532	-13.6822	402.3		-36.9	-81.93
205197	-48.1665	-13.6519	430.78		-34.8	-83.02

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
205198	-48.1456	-13.7577	345.98		-42.55	-81.27
205199	-48.2237	-13.5317	377.32		-13.98	-56.21
205200	-48.2433	-13.5515	383.34		-14.23	-57.13
205201	-48.3762	-13.7439	498.41		-0.45	-56.24
205202	-48.3609	-13.7685	524.62		-2.44	-61.16
205203	-48.3498	-13.7904	479.96		-12.63	-66.35
205204	-48.3933	-13.7662	515.06		1.06	-56.59
205205	-48.3968	-13.7787	441.43		-8.75	-58.16
205206	-48.4494	-13.7189	582.67		14.57	-50.65
205207	-48.4278	-13.7329	596.41		14.04	-52.71
205208	-48.3795	-13.6886	624.14		10.01	-59.85
205209	-48.3654	-13.636	539.4		1.71	-58.66
205210	-48.3007	-13.5881	485.45		0.1	-54.24
205211	-48.2697	-13.5536	455.09		2.41	-48.53
205212	-48.4019	-13.0431	431.87		13.63	-34.71
205213	-48.3647	-12.9684	431.44		16.44	-31.85
205214	-48.3478	-12.963	357.3		11.07	-28.92
205215	-48.3801	-12.9826	456.65		17.92	-33.19
205216	-48.3848	-12.9377	426.3		10.47	-37.25
205217	-48.3721	-13.0116	478.69		25.25	-28.33
205218	-48.3454	-13.0195	460.03		31.04	-20.46
205219	-48.3226	-13.0005	460.03		34.23	-17.26
205220	-48.2997	-12.9906	408.46		32.19	-13.53
205221	-48.2819	-12.9648	389.39		22.07	-21.51
205222	-48.2507	-12.9686	340.24		2.39	-35.69
205223	-48.2304	-12.9711	322.59		-12.91	-49.02
205224	-48.2553	-12.7405	277.69		-19.81	-50.9
205225	-48.2316	-12.7274	278.96		-21.24	-52.46
205226	-48.2096	-12.7434	313.41		-18.44	-53.52
205227	-48.2127	-12.7697	285.69		-20.83	-52.8
205228	-48.1984	-12.7917	293.53		-21.56	-54.41
205229	-48.1944	-12.8182	287		-24.08	-56.2
205230	-48.1887	-12.8445	297.09		-22.99	-56.24
205231	-48.1821	-12.8703	285.01		-26.88	-58.79
205232	-48.1737	-12.8959	284.26		-28.55	-60.37
205233	-48.1593	-12.9227	294.77		-28.18	-61.17
205234	-48.1417	-12.9417	291.51		-28.6	-61.23
205235	-48.1273	-12.9671	301.65		-30.14	-63.9
205236	-48.1178	-12.9921	328.89		-27.58	-64.39
205237	-48.4289	-13.1246	496.85		20.15	-35.46
205238	-48.429	-13.1246	475.21		8.91	-44.28
205239	-48.4343	-13.1615	504.12		10.3	-46.13
205240	-48.608	-13.1106	440.99		6.21	-43.15
205241	-48.6102	-13.0873	367.54		-3.1	-44.24
205242	-48.6305	-13.0623	349.32		-5.85	-44.95
205243	-48.6515	-13.0206	358.61		-5.08	-45.22
205244	-48.6858	-13.0204	373.99		-3.99	-45.85
205245	-48.6399	-13.0406	352.91		-6.31	-45.81
205246	-48.7405	-13.191	391.68		-2.92	-46.77
205247	-48.778	-13.2009	356.71		-2.31	-42.24
205248	-48.8238	-13.1967	336.24		2.79	-34.84
205249	-48.8634	-13.1924	303.14		2.45	-31.48
205250	-48.7976	-13.2049	353.9		1.53	-38.08
205251	-48.8112	-12.8831	317.16		2.05	-33.45
205252	-48.7822	-12.9118	331.88		2.64	-34.51
205253	-48.7856	-12.9529	358.85		2.79	-37.37
205254	-48.7976	-12.9945	361.76		1.78	-38.71
205255	-48.8377	-13.0098	306.56		0.95	-33.36
205256	-48.8428	-13.0501	328.65		2.14	-34.64
205257	-48.8284	-13.0894	324.73		-2.64	-38.99
205258	-48.7977	-13.1246	361.26		-0.68	-41.11
205259	-48.7622	-13.1615	386.63		-1.12	-44.4
205260	-49.1446	-13.4353	397.29		8.98	-35.48
205261	-49.0843	-13.2791	361.66		9.71	-30.77
205262	-49.0793	-13.2257	362.61		6.67	-33.92
205263	-49.0775	-13.1824	345.11		5.71	-32.92
205264	-49.0814	-13.1437	334.85		9.03	-28.45
205265	-49.0828	-13.1085	343.25		10.31	-28.11
205266	-49.0961	-13.0695	315.22		11.51	-23.77
205267	-49.078	-13.0348	333.92		12.6	-24.77
205268	-49.0806	-12.9884	297.07		9.65	-23.6
205269	-49.0447	-13.0378	343.55		14.47	-23.98

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
205270	-49.0514	-13.0707	376.59		14.53	-27.62
205271	-49.0338	-13.1155	388.43		16.43	-27.05
205272	-49.0401	-13.1473	372.59		14.34	-27.36
205273	-48.8513	-12.9235	281.61		-1.58	-33.1
205274	-48.8814	-12.948	319.8		7.87	-27.93
205275	-48.925	-12.956	354.14		16.51	-23.13
205276	-48.9578	-12.9904	355.9		15.21	-24.63
205277	-48.9689	-13.0338	363.31		14.19	-26.48
205278	-48.9857	-13.0741	357.65		14.4	-25.63
205279	-48.9439	-13.6288	389.02		8.17	-35.37
205280	-48.9325	-13.6043	383.12		8.87	-34.01
205281	-48.9121	-13.5799	395.9		10.75	-33.56
205282	-48.9469	-13.5002	383.44		14.47	-28.45
205283	-48.9469	-13.5002	362.66		14.76	-25.83
205284	-48.9532	-13.4547	345.52		17.89	-20.79
205285	-48.8871	-13.5512	384.9		7.95	-35.13
205286	-48.889	-13.5008	366.59		6.68	-34.35
205287	-48.9136	-13.4642	343.9		19.03	-19.47
205288	-49.0587	-13.2964	332.45		14	-23.21
205289	-49.0054	-13.2957	343.23		6.46	-31.96
205290	-48.9624	-13.2764	327.53		5.11	-31.55
205291	-48.9239	-13.2608	303.77		3.89	-30.11
205292	-48.8756	-13.2353	319.91		6.39	-29.42
205293	-48.9021	-13.2396	312.54		4.85	-30.13
205294	-48.8791	-13.6544	384.08		2.5	-40.49
205295	-48.8467	-13.6356	379.8		2.16	-40.35
205296	-48.8199	-13.6031	381.25		2.17	-40.5
205297	-48.7899	-13.5754	404.42		3.37	-41.9
205298	-48.766	-13.5404	372.32		-3.11	-44.79
404252	-49.1412	-14.5245	522.77		-7.22	-65.73
404250	-49.1053	-14.5269	527.84		-10.41	-69.49
404253	-49.1043	-14.4386	532.39		-3.53	-63.13
404254	-49.0617	-14.4448	516.63		-10.54	-68.37
404255	-49.0247	-14.4236	502.48		-14.52	-70.76
404256	-49.0096	-14.3861	497.89		-16.67	-72.4
404257	-48.9936	-14.384	445.59		-23.69	-73.57
404258	-49.2026	-14.3957	562.16		10.97	-51.95
404259	-49.2311	-14.3937	577.46		4.37	-60.26
404260	-49.2373	-14.3663	468.01		-6.15	-58.53
404261	-49.2512	-14.3978	596.72		0.92	-65.87
404262	-49.2753	-14.4043	662.97		10.14	-64.07
404263	-49.2489	-14.4481	528.63		-10.24	-69.41
404264	-49.235	-14.4658	534.99		-10.91	-70.8
404265	-49.2132	-14.4746	554.98		-10.6	-72.71
404266	-49.1928	-14.4855	554.39		-9.33	-71.38
404267	-49.4029	-14.7243	574.82		-8.01	-72.35
404268	-49.3888	-14.7071	553.87		-9.93	-71.92
404269	-49.3717	-14.694	560.46		-9.17	-71.9
404270	-49.3709	-14.6806	562.68		-10.15	-73.13
404271	-49.3576	-14.6747	579.9		-10.21	-75.11
404272	-49.3609	-14.6506	643.44		-3.95	-75.97
404273	-49.3619	-14.645	650.05		-2.32	-75.08
404274	-49.3713	-14.6315	779.18		13.28	-73.93
404275	-49.3886	-14.6259	763.58		14.36	-71.11
404276	-49.3674	-14.6116	803.36		17.93	-71.99
404277	-49.3818	-14.5908	716.53		10.83	-69.37
404278	-49.405	-14.5801	693		12.14	-65.43
404279	-49.4124	-14.5592	680.49		12.66	-63.51
404280	-49.3876	-14.5683	706.51		12.85	-66.23
404281	-49.3677	-14.5463	662.49		5.23	-68.93
404282	-49.3579	-14.5295	646.09		3.34	-68.98
404283	-49.3461	-14.6149	871.92		22.98	-74.61
404284	-49.3308	-14.6319	872.2		21.79	-75.83
404285	-49.3103	-14.62	792.7		12.28	-76.45
404286	-49.3338	-14.6514	660.43		-3.24	-77.16
404287	-49.3563	-14.6657	616.62		-7.09	-76.1
404288	-49.3821	-14.7934	589.69		-1.07	-67.08
404289	-49.3743	-14.8016	563.3		-4.49	-67.54
404290	-49.3659	-14.8084	517.08		-10.35	-68.22
404291	-49.3589	-14.8152	510.38		-10.47	-67.6
404292	-49.3585	-14.8244	540.88		-7.32	-67.86

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404293	-49.3573	-14.8337	552.87		-6.05	-67.93
404294	-49.2788	-14.791	558.97		-7.68	-70.25
404295	-49.2678	-14.7737	563.32		-6.81	-69.86
404296	-49.2557	-14.7546	575.44		-4.38	-68.79
404297	-49.2421	-14.7358	546		-7.9	-69.01
404298	-49.2292	-14.7167	572.7		-4.69	-68.8
404299	-49.2159	-14.6964	601.53		-1.22	-68.55
404300	-49.2028	-14.6762	584.44		-5.29	-70.7
404301	-49.1894	-14.6552	567.61		-7.31	-70.84
404302	-49.1679	-14.6099	538.59		-10.58	-70.87
404303	-49.1817	-14.5534	530.18		-9.77	-69.11
404304	-49.1937	-14.576	574.21		-8.59	-72.86
404305	-49.2184	-14.572	535.29		-20.42	-80.33
404306	-49.2422	-14.5712	559.71		-15.85	-78.5
404307	-49.2607	-14.5883	597.78		-9.55	-76.45
404308	-49.28	-14.5999	632.66		-5.49	-76.3
404309	-49.2511	-14.7836	567.02		-6.72	-70.18
404310	-49.2397	-14.7981	571.69		-7.2	-71.19
404311	-49.2352	-14.8161	554.84		-9.53	-71.63
404312	-49.2259	-14.8329	535.76		-12.82	-72.78
404313	-49.2202	-14.8474	488.31		-21.05	-75.71
404314	-49.2344	-14.849	518.94		-16.13	-74.21
404315	-49.2138	-14.8238	484.77		-18.39	-72.65
404316	-49.2388	-14.7643	541.55		-10.56	-71.17
404317	-49.2196	-14.7702	517.49		-14.09	-72.02
404318	-49.2018	-14.7639	496.69		-17.03	-72.62
404319	-49.2026	-14.7085	572.35		-5.73	-69.79
404320	-49.1913	-14.7238	556.29		-6.88	-69.15
404321	-49.1763	-14.736	513.6		-14.31	-71.79
404322	-49.1608	-14.7414	467.3		-21.16	-73.46
404323	-49.1885	-14.6832	553.48		-8.01	-69.97
404324	-49.1963	-14.7022	553.99		-7.49	-69.5
404325	-49.1764	-14.7057	552.86		-6.46	-68.34
404326	-49.1651	-14.7223	522.99		-13.3	-71.84
404327	-49.1649	-14.6685	565.56		-7.81	-71.12
404328	-49.1677	-14.6833	524.48		-12.1	-70.81
404329	-49.1423	-14.6874	567.82		-9.39	-72.95
404330	-49.1329	-14.7019	536.94		-12.5	-72.6
404331	-49.1257	-14.7187	525.11		-14.22	-73
404332	-49.1106	-14.7113	573.86		-6.72	-70.95
404333	-49.12	-14.5547	565.16		-7.93	-71.19
404334	-49.1173	-14.5725	514.49		-14.7	-72.29
404335	-49.1201	-14.5923	501.22		-20.64	-76.74
404336	-49.117	-14.612	483.53		-22.36	-76.49
404337	-49.1122	-14.6317	498.3		-21.36	-77.13
404338	-49.1011	-14.6466	519.45		-19.4	-77.54
404339	-49.0816	-14.6471	511.49		-22.77	-80.02
404340	-49.0635	-14.6381	487.51		-27.59	-82.15
404341	-49.0401	-14.6537	507.71		-27.5	-84.33
404342	-49.0536	-14.6535	518.42		-24.7	-82.72
404343	-49.0321	-14.6693	515.1		-26.51	-84.17
404344	-49.0492	-14.675	529.8		-23.07	-82.37
404345	-49.0375	-14.6908	527.56		-23.57	-82.62
404346	-49.022	-14.7039	501.47		-27.07	-83.2
404347	-49.0669	-14.6827	552.02		-19.1	-80.89
404348	-49.078	-14.6983	542.99		-18.51	-79.29
404349	-49.1204	-14.6649	552.8		-13.12	-75
404350	-49.1072	-14.6523	533.47		-16.69	-76.4
404351	-49.1361	-14.6261	516.45		-16.61	-74.42
404352	-49.1548	-14.634	548.58		-10.29	-71.69
404353	-48.7423	-14.4946	578.87		-37.44	-102.24
404354	-48.7492	-14.4786	584.53		-36.4	-101.82
404355	-48.7698	-14.4696	572.86		-36.34	-100.46
404356	-48.7874	-14.4626	568.96		-33.84	-97.52
404357	-48.8029	-14.4776	577.55		-31.82	-96.47
404358	-48.7994	-14.4947	603.72		-30.47	-98.04
404359	-48.8162	-14.4908	600.45		-30.29	-97.5
404360	-48.837	-14.4988	556.76		-34.45	-96.76
404361	-48.8544	-14.5057	561.64		-33.03	-95.89
404362	-48.8727	-14.5127	560.28		-34.23	-96.94
404363	-48.8912	-14.5168	573.02		-29.73	-93.87
404364	-48.9114	-14.5135	550.16		-30.05	-91.63

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404365	-48.9307	-14.5156	522.88		-30.95	-89.48
404366	-48.9429	-14.5241	474.62		-36.19	-89.31
404367	-48.9671	-14.5227	485.43		-32.61	-86.94
404368	-48.9852	-14.5116	522.91		-24	-82.53
404369	-48.7949	-14.4827	580.23		-33.56	-98.51
404370	-48.8099	-14.5021	565.14		-34.1	-97.35
404371	-48.8141	-14.5114	573.66		-33.82	-98.03
404372	-48.7966	-14.5188	596.97		-32.79	-99.61
404373	-48.7803	-14.5306	622.97		-31.53	-101.25
404374	-48.826	-14.5255	594.42		-31.22	-97.75
404375	-48.9366	-14.5425	530.86		-30.83	-90.25
404376	-48.9221	-14.5596	541.48		-30.96	-91.57
404377	-48.905	-14.5721	547.96		-32.26	-93.59
404378	-48.897	-14.5886	548.27		-33.73	-95.1
404379	-48.9077	-14.6049	515.14		-38.86	-96.52
404380	-48.9235	-14.616	539.64		-34.05	-94.45
404381	-48.931	-14.6339	524.04		-34.76	-93.41
404382	-48.8933	-14.6158	571.98		-32.87	-96.89
404383	-48.8869	-14.6369	526.91		-40.87	-99.84
404384	-48.8764	-14.6527	514.46		-40.53	-98.11
404385	-48.8697	-14.6694	506.68		-37.59	-94.31
404386	-48.8651	-14.638	540.87		-38.43	-98.97
404387	-48.8492	-14.6274	543.35		-39.46	-100.28
404388	-48.8374	-14.61	551.54		-40.27	-102.01
404389	-48.8279	-14.5944	569.72		-37.92	-101.69
404390	-48.8074	-14.607	559.81		-39.61	-102.27
404391	-48.7868	-14.6021	588.1		-38.69	-104.52
404392	-48.7638	-14.6039	555.02		-45.45	-107.57
404393	-48.7549	-14.6208	528.27		-51.03	-110.15
404394	-48.8329	-14.5751	592.06		-35.21	-101.48
404395	-48.828	-14.5562	619.12		-32.76	-102.06
404396	-48.9675	-14.5438	486.14		-33.93	-88.35
404397	-48.9553	-14.5605	533.67		-29.6	-89.33
404398	-48.9663	-14.5751	492.6		-33.81	-88.95
404399	-48.9543	-14.5902	464.64		-37.69	-89.7
404400	-48.9714	-14.5942	454.93		-38.12	-89.04
404401	-48.4604	-14.4737	582.73		-43.04	-108.26
404402	-48.633	-14.7067	537.26		-61.26	-121.4
404403	-48.6508	-14.6973	523.13		-61.39	-119.94
404404	-48.6653	-14.6849	527.38		-59.14	-118.17
404405	-48.6463	-14.7447	559.92		-58.24	-120.91
404406	-48.6639	-14.752	567.61		-57.25	-120.78
404407	-48.6841	-14.7494	537.4		-59.77	-119.93
404408	-48.6632	-14.7317	557.41		-57.1	-119.49
404409	-48.6817	-14.7264	529.5		-60.27	-119.54
404410	-48.7162	-14.7184	491.93		-61.74	-116.8
404411	-48.6669	-14.7154	515.18		-61.94	-119.6
404412	-48.6789	-14.7021	501.58		-62.68	-118.82
404413	-48.694	-14.6914	525.3		-59.1	-117.9
404414	-48.7141	-14.6511	507.6		-57.15	-113.96
404415	-48.6982	-14.6424	510.95		-57.26	-114.45
404416	-48.715	-14.6323	523.37		-52.71	-111.29
404417	-48.7093	-14.5806	553.83		-46.85	-108.84
404420	-48.8973	-14.9807	570.89		-37.86	-101.76
404421	-48.878	-14.9705	587.63		-39.94	-105.72
404422	-48.8634	-14.9584	595.16		-39.87	-106.48
404423	-48.8431	-14.9604	565.49		-49.49	-112.79
404424	-48.8245	-14.9481	561.52		-49.85	-112.7
404425	-48.8074	-14.9356	549.35		-53.44	-114.93
404426	-48.7978	-14.917	547.61		-54.09	-115.38
404427	-48.7865	-14.8991	537.4		-57.34	-117.5
404428	-48.7784	-14.8811	553.33		-57.86	-119.79
404429	-48.7702	-14.8621	543.43		-59.01	-119.83
404430	-48.7625	-14.8434	500.96		-63.14	-119.21
404431	-48.7508	-14.8292	498.57		-65.43	-121.23
404432	-48.7488	-14.809	533.41		-57.08	-116.78
404433	-48.7343	-14.7936	523.24		-58.51	-117.07
404434	-48.7306	-14.7727	512.05		-61.31	-118.63
404435	-48.7333	-14.7529	507.13		-60.93	-117.69
404436	-48.7459	-14.7381	529.76		-51.71	-111
404437	-48.7424	-14.7174	523.15		-54.53	-113.08
404438	-48.8347	-14.9339	608.68		-42.16	-110.29

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404439	-48.917	-14.9428	632.66		-17.57	-88.38
404440	-48.7375	-14.6834	494.89		-55.79	-111.18
404441	-48.7456	-14.6667	478.46		-57.69	-111.24
404442	-48.7639	-14.6594	496.61		-51.21	-106.8
404443	-48.7826	-14.6719	476.28		-45.25	-98.56
404444	-48.7939	-14.6952	541.88		-30.9	-91.55
404445	-48.7874	-14.7126	578.04		-26.38	-91.08
404446	-48.7825	-14.7207	565.58		-29.35	-92.66
404447	-48.7719	-14.7221	670.86		-19.46	-94.55
404448	-48.77	-14.7172	746.09		-11.25	-94.76
404449	-48.7637	-14.7111	841.29		-3.06	-97.23
404450	-48.7596	-14.7027	1047.59		14.24	-103.02
404451	-48.7967	-14.7187	535.57		-28.17	-88.11
404452	-48.7833	-14.7352	613.7		-25.24	-93.93
404453	-48.7986	-14.7394	527.96		-31.56	-90.65
404454	-48.8043	-14.7608	514.19		-33.1	-90.65
404455	-48.8104	-14.7798	554.58		-27.37	-89.45
404456	-48.8227	-14.7753	532.63		-29.56	-89.18
404457	-48.8177	-14.7994	582.63		-23.3	-88.52
404458	-48.8285	-14.8179	596.62		-22.74	-89.52
404459	-48.8307	-14.8312	690.45		-11.8	-89.08
404460	-48.8271	-14.8376	800.01		-1.04	-90.58
404461	-48.8518	-14.8394	610.48		-18.71	-87.04
404462	-48.8633	-14.8536	620.03		-18.44	-87.84
404463	-48.8586	-14.8713	686.01		-16.52	-93.31
404464	-48.8471	-14.8772	781.3		-7.81	-95.27
404465	-48.8323	-14.8767	804.55		-7.78	-97.84
404466	-48.8232	-14.8934	661.2		-31.04	-105.04
404467	-48.8726	-14.8697	645.89		-17.52	-89.81
404468	-48.8841	-14.8847	650.84		-16.81	-89.66
404469	-48.8785	-14.8999	726.49		-11.78	-93.09
404470	-48.8991	-14.8813	658.15		-10.69	-84.35
404471	-48.8982	-14.9027	652.88		-17.65	-90.73
404472	-48.9093	-14.9227	667.86		-13.85	-88.6
404473	-49.0211	-14.8216	571.58		2.49	-61.49
404474	-49.0041	-14.8044	551.89		-5.45	-67.23
404475	-48.9854	-14.7887	487.42		-19.27	-73.83
404476	-48.9916	-14.7701	576.12		-14.65	-79.14
404477	-48.9734	-14.7618	563.31		-19.07	-82.12
404478	-48.9693	-14.742	555.44		-23.39	-85.56
404479	-48.9707	-14.7146	541.34		-26.45	-87.04
404480	-48.9883	-14.6923	532.94		-28.39	-88.04
404481	-48.9941	-14.6643	515.31		-31.61	-89.29
404482	-49.009	-14.6404	505.97		-30.69	-87.32
404483	-48.9586	-14.7609	570.72		-21.51	-85.39
404484	-48.9509	-14.7796	560		-11.51	-74.19
404485	-48.9316	-14.7766	543.92		-12.4	-73.28
404486	-48.9116	-14.765	531.04		-12.01	-71.45
404487	-48.8911	-14.7615	537.81		-9.75	-69.95
404488	-48.8803	-14.7789	562.46		-8.86	-71.82
404489	-48.8777	-14.7916	612.21		-6.47	-74.99
404490	-48.8866	-14.8092	713.72		0.81	-79.07
404491	-48.8783	-14.7478	495.2		-19.6	-75.03
404492	-48.8598	-14.7503	528.92		-16.66	-75.86
404493	-48.8615	-14.7304	567.11		-15.15	-78.62
404494	-48.8399	-14.7446	515.67		-22.62	-80.34
404495	-48.8213	-14.7427	516.39		-29.02	-86.82
404496	-48.937	-14.9867	600.49		-15.19	-82.4
404497	-48.9526	-15.0019	615.97		-9.23	-78.18
404498	-48.9508	-15.0264	646.72		-13.21	-85.59
404499	-48.9515	-15.0484	671.31		-15.83	-90.97
404500	-48.9573	-15.0693	752.97		-4.12	-88.4
404501	-48.9744	-15.084	858.74		8.04	-88.08
404502	-48.9959	-15.0951	1000.63		25.39	-86.61
404503	-49.0174	-15.1072	839.06		12.82	-81.1
404504	-49.0377	-15.0986	748.54		2.45	-81.34
404505	-49.0545	-15.1116	684.97		1.97	-74.7
404506	-49.0724	-15.1288	648.74		-1.9	-74.52
404507	-49.0913	-15.1427	772.5		11.05	-75.42
404508	-49.1186	-15.1361	807.25		14.26	-76.1
404509	-49.114	-15.0861	579.64		-11.01	-75.89
404510	-49.1168	-15.0608	603.38		-2.83	-70.36

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404511	-49.1106	-15.0388	552.23		-1.91	-63.72
404512	-49.0915	-14.9916	553.02		3.01	-58.89
404513	-49.0668	-14.9398	552.78		1.36	-60.51
404514	-49.0585	-14.9122	598.12		0.94	-66.01
404515	-49.0472	-14.8846	592.13		-4.56	-70.84
404516	-49.0381	-14.8572	593.68		2.58	-63.87
404517	-49.0864	-14.7461	500.55		-16.28	-72.3
404518	-49.0541	-14.7872	564.09		-4.48	-67.62
404519	-49.0508	-14.7961	562.32		-1.05	-64
404520	-49.0458	-14.8068	531.37		-1.49	-60.96
404521	-49.0417	-14.8156	562.18		4.31	-58.61
404522	-49.0377	-14.8243	561.63		4.75	-58.11
404523	-49.0319	-14.8375	576.71		5.55	-59
404524	-49.0276	-14.8461	584.51		5.54	-59.88
404525	-49.0236	-14.8547	599.7		6.47	-60.66
404526	-49.0197	-14.8614	602.9		6.28	-61.2
404527	-49.0108	-14.8682	576.82		4.26	-60.31
404528	-49.002	-14.8729	536.76		2.76	-57.32
404529	-48.9936	-14.8783	564.25		6.51	-56.65
404530	-48.9856	-14.8834	559.42		3.21	-59.41
404531	-48.9777	-14.8891	547.96		-0.52	-61.85
404532	-48.9694	-14.8957	557.96		-1.91	-64.36
404533	-48.963	-14.9028	579.48		-2.35	-67.21
404534	-48.9573	-14.9107	583.11		-2.78	-68.05
404535	-48.952	-14.9188	601.74		-2.34	-69.69
404536	-48.9489	-14.9274	619.5		-1.9	-71.24
404537	-48.9449	-14.9371	665.89		1.31	-73.22
404538	-48.9375	-14.9432	628.26		-8.11	-78.43
404539	-48.9326	-14.9515	614.35		-13.69	-82.45
404540	-48.9316	-14.9613	609.95		-16.55	-84.82
404541	-48.9306	-14.9708	613.36		-19.35	-88
404542	-49.0961	-15.3056	635.93		-46.46	-117.64
404543	-49.0439	-15.2812	642.13		-39.07	-110.94
404544	-49.0252	-15.2651	636.96		-35.87	-107.17
404545	-49.0063	-15.2413	670.59		-28.69	-103.75
404546	-48.9943	-15.2209	654.38		-29.82	-103.07
404547	-48.9617	-15.1666	594.27		-34.51	-101.03
404548	-48.9484	-15.1465	628.38		-28.83	-99.16
404549	-48.9343	-15.127	596.77		-32.16	-98.96
404550	-48.9209	-15.1067	586.43		-33.81	-99.45
404551	-48.9112	-15.0846	587.06		-33.96	-99.66
404552	-48.9035	-15.0609	569.26		-36.02	-99.73
404553	-48.8996	-15.0399	601.05		-34.68	-101.96
404555	-49.0927	-14.9706	549.1		2.22	-59.24
404556	-49.0941	-14.9453	546.4		-1.58	-62.74
404557	-49.0983	-14.9223	517.21		-13.03	-70.92
404558	-49.1207	-14.93	577.06		-9.44	-74.03
404559	-49.1472	-14.9285	592.45		-12.12	-78.43
404560	-49.1726	-14.9222	599.32		-15.03	-82.11
404561	-49.1992	-14.9145	585.64		-15.88	-81.43
404562	-49.2026	-14.8942	574.86		-15.52	-79.86
404563	-49.2016	-14.8694	542.59		-16.5	-77.23
404564	-49.2014	-14.8543	523.32		-18.61	-77.19
404565	-49.2023	-14.8442	486.39		-23.34	-77.78
404566	-49.1777	-14.9047	585.83		-16.39	-81.97
404567	-49.1631	-14.8817	559.15		-18.64	-81.22
404568	-49.1637	-14.8543	551.97		-17.4	-79.18
404569	-49.1558	-14.829	543.94		-17.08	-77.97
404570	-49.1409	-14.8057	535.88		-16.19	-76.17
404571	-49.1568	-14.7909	535.55		-15.83	-75.77
404572	-49.1765	-14.7819	522.23		-15.28	-73.73
404573	-48.9288	-14.9806	589.15		-21.64	-87.59
404574	-48.921	-14.9865	586.26		-27.01	-92.63
404575	-48.9092	-14.9897	603		-29.1	-96.6
404576	-48.9056	-14.9998	618.23		-29.49	-98.69
404577	-48.9015	-15.0098	578.21		-35.68	-100.4
404578	-48.8977	-15.0199	608.77		-31.94	-100.07
404579	-48.8942	-15.0296	604.67		-35.74	-103.42
404580	-48.8902	-15.0394	579.26		-39.46	-104.3
404581	-48.8871	-15.0484	572.81		-42.44	-106.56
404582	-48.8802	-15.0563	565.19		-45.23	-108.5
404583	-48.8743	-15.0643	568.05		-45.74	-109.32

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404584	-48.8684	-15.0728	567.52		-45.92	-109.44
404585	-48.8621	-15.0813	563.78		-47.73	-110.84
404587	-48.8571	-15.0884	548.24		-52.06	-113.42
404588	-48.8531	-15.0969	549.96		-54.2	-115.76
404589	-48.8483	-15.1042	581.73		-51.36	-116.48
404590	-48.8427	-15.1116	593.89		-50.39	-116.87
404591	-48.8377	-15.1206	571.73		-53.97	-117.96
404592	-48.8354	-15.1296	571.17		-54.28	-118.22
404593	-48.8269	-15.137	586.1		-53.53	-119.13
404594	-48.8189	-15.1441	584.95		-54.19	-119.67
404595	-48.811	-15.1483	610.03		-50.96	-119.25
404596	-48.8047	-15.155	609.38		-51.81	-120.02
404597	-48.7994	-15.1635	619.97		-51.39	-120.78
404598	-48.7958	-15.1711	662.93		-45.06	-119.26
404599	-48.7898	-15.1796	632.84		-49.78	-120.61
404600	-48.7817	-15.1855	624.42		-52.21	-122.11
404602	-48.703	-15.1838	622.99		-54	-123.73
404603	-48.7162	-15.1441	682.88		-48.1	-124.54
404604	-48.7103	-15.1248	665.77		-51.43	-125.95
404605	-48.7339	-15.1177	692.83		-46.61	-124.16
404606	-48.748	-15.0996	680.98		-47.43	-123.65
404607	-48.7322	-15.0813	614.82		-57.41	-126.23
404608	-48.7212	-15.059	592.6		-61.44	-127.77
404609	-48.7148	-15.0366	570.41		-65.96	-129.81
404610	-48.6978	-15.0194	584.17		-66.39	-131.78
404611	-48.6845	-15.0007	546.11		-73.83	-134.96
404612	-48.6753	-14.9792	517.24		-79.65	-137.54
404613	-48.6591	-14.9605	556.02		-76.81	-139.04
404614	-48.6552	-14.9372	551.16		-78.82	-140.51
404615	-48.6473	-14.9123	542.13		-79.65	-140.33
404616	-48.6399	-14.8711	613.81		-66.81	-135.52
404617	-48.6365	-14.8143	560.21		-66.51	-129.21
404618	-48.6508	-14.7951	540.16		-65.55	-126.01
404619	-48.6694	-14.8052	550.45		-65.15	-126.76
404620	-48.7057	-14.8227	546.19		-65.45	-126.59
404621	-48.6984	-14.8451	548.96		-69.32	-130.77
404622	-48.7026	-14.8653	541.52		-71.85	-132.46
404623	-48.7002	-14.887	549.44		-72.99	-134.49
404624	-48.7082	-14.9045	551.18		-72.75	-134.45
404625	-48.7232	-14.9189	554.52		-71.18	-133.24
404626	-48.7233	-14.9377	514.24		-76.49	-134.05
404627	-48.6942	-14.9461	515		-79.03	-136.67
404628	-48.7146	-15.2068	689.13		-43.58	-120.71
404629	-48.7252	-15.2054	701.72		-40.71	-119.25
404630	-48.7401	-15.2037	694.01		-41.72	-119.41
404631	-48.7536	-15.2021	671.57		-43.82	-118.99
404632	-48.7658	-15.1961	651.4		-46.87	-119.78
404633	-49.1165	-15.3195	633.36		-45.9	-116.79
404635	-49.137	-15.1287	766.1		9.92	-75.83
404636	-49.1484	-15.1079	619.52		-12.9	-82.24
404637	-49.1675	-15.0943	577.69		-21.2	-85.86
404638	-49.184	-15.0788	588.6		-22.14	-88.02
404639	-49.1919	-15.0567	613.23		-19.15	-87.79
404640	-49.2156	-15.0518	603.37		-18.88	-86.42
404641	-49.2379	-15.0467	595.55		-20.41	-87.07
404642	-49.2632	-15.0558	594.17		-20.97	-87.47
404643	-49.2708	-15.0366	584.87		-20.77	-86.24
404644	-49.2741	-15.0118	569.49		-19.62	-83.37
404645	-49.2741	-14.9863	532.66		-23.31	-82.93
404646	-49.27	-14.9617	550.6		-19.07	-80.7
404647	-49.2646	-14.9377	563.83		-16.09	-79.2
404648	-49.2604	-14.9139	543.25		-15.38	-76.19
404649	-49.2762	-14.8927	487.21		-19.52	-74.06
404650	-49.2452	-14.9676	586.86		-16.65	-82.34
404651	-49.224	-14.9765	572.14		-20.1	-84.14
404652	-49.2032	-14.9859	556.2		-20.29	-82.55
404653	-49.1862	-15.0014	616.59		-15.59	-84.61
404654	-49.177	-14.9792	618.44		-12.74	-81.97
404655	-49.1616	-14.9621	600.64		-12.41	-79.64
404656	-49.1531	-14.9456	563.65		-14.97	-78.06
404657	-49.2625	-15.0796	618.52		-17.45	-86.68
404658	-49.2766	-15.0991	592.87		-16.59	-82.95

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404659	-49.2796	-15.1231	604.08		-5.03	-72.64
404660	-49.2971	-15.1075	597.21		-13.52	-80.36
404661	-49.3165	-15.1202	545.08		-15.02	-76.03
404662	-49.3084	-15.0877	590.55		-22.24	-88.34
404663	-49.3268	-15.0779	540.25		-30.21	-90.68
404664	-49.3378	-15.0731	536.42		-30.47	-90.51
404665	-49.355	-15.0561	528.43		-31.19	-90.34
404666	-49.3713	-15.0726	557.83		-30.38	-92.82
404667	-49.3784	-15.0566	518.61		-32.36	-90.41
404668	-49.2615	-15.1382	694.26		15.36	-62.34
404669	-49.2431	-15.1522	755.88		22.87	-61.74
404670	-49.2203	-15.143	704.35		15.84	-63
404671	-49.2074	-15.1639	796.23		27.4	-61.72
404672	-49.186	-15.1531	783.81		18.85	-68.88
404673	-49.1693	-15.1372	658.09		3.39	-70.27
404674	-49.1515	-15.1379	712.16		7.51	-72.2
404675	-49.1151	-15.1751	708.64		6.01	-73.3
404678	-48.9432	-15.4005	632.12		-45.63	-116.39
404679	-48.9685	-15.389	652.52		-44.88	-117.92
404680	-48.9991	-15.3763	629.55		-48.05	-118.51
404681	-49.0147	-15.3701	636.46		-49.26	-120.5
404682	-49.0326	-15.3634	678.38		-43.3	-119.23
404683	-49.0505	-15.3488	672.02		-44.48	-119.7
404684	-49.0613	-15.3342	620.44		-50.41	-119.86
404685	-49.0866	-15.328	605.88		-52.07	-119.88
404686	-49.1795	-15.4695	710.74		-39.48	-119.04
404687	-49.1702	-15.4459	730.82		-35.81	-117.61
404688	-49.1615	-15.4328	708.4		-37.69	-116.98
404689	-49.1337	-15.3954	695.51		-39.07	-116.92
404690	-49.1242	-15.3723	667.05		-44.06	-118.73
404691	-49.1094	-15.4589	733.82		-39.02	-121.16
404692	-49.1115	-15.4323	708.42		-39.42	-118.72
404693	-49.1178	-15.3968	667.95		-43.44	-118.2
404694	-49.1351	-15.2814	641.54		-41.9	-113.71
404695	-49.1759	-15.2365	893.62		17.3	-82.72
404696	-49.2199	-15.1969	782.08		20.12	-67.42
404697	-49.2715	-15.1599	704.46		16.67	-62.18
404698	-49.2758	-15.1561	676.75		13.32	-62.43
404699	-49.3032	-15.1603	554.65		-7.05	-69.13
404700	-49.3125	-15.1441	575.43		-0.9	-65.31
404701	-49.3185	-15.1788	589.1		-5.48	-71.41
404702	-49.3181	-15.2038	592.94		-7.97	-74.34
404703	-49.3233	-15.2235	605.14		-4.22	-71.96
404704	-49.3455	-15.2224	692.1		7.59	-69.87
404705	-49.3676	-15.2307	692.66		7.1	-70.43
404706	-49.3877	-15.2338	658.56		1.75	-71.96
404707	-49.4052	-15.2468	581.36		-10.78	-75.85
404708	-49.4271	-15.2456	585.94		-13.49	-79.07
404709	-49.4484	-15.2376	530.14		-23.14	-82.48
404710	-49.4608	-15.2222	550.96		-18.55	-80.21
404711	-49.4791	-15.2099	570.77		-17.27	-81.16
404712	-49.487	-15.1878	549.31		-21.26	-82.74
404713	-49.4702	-15.1679	531.24		-22.82	-82.29
404714	-49.4448	-15.1704	565.09		-12.86	-76.11
404715	-49.4303	-15.1896	610.36		-3.5	-71.82
404716	-49.4419	-15.1469	569.46		-16.43	-80.17
404717	-49.4198	-15.1488	523.98		-20.33	-78.98
404718	-49.4032	-15.1587	585.08		-6.75	-72.24
404719	-49.3932	-15.1394	568.67		-8.91	-72.56
404720	-49.3858	-15.1176	545.67		-26.65	-87.72
404721	-49.3738	-15.0977	563.88		-29.56	-92.67
404722	-49.2277	-15.2033	749.33		14.24	-69.63
404723	-49.228	-15.2257	796.87		14.92	-74.27
404724	-49.252	-15.2246	786.5		14.4	-73.63
404725	-49.1519	-15.3269	618.98		-45.47	-114.75
404726	-49.1812	-15.3286	638.57		-42.12	-113.59
404727	-49.2046	-15.3321	646.88		-36.96	-109.36
404728	-49.2306	-15.3411	588.17		-42.69	-108.52
404729	-49.2581	-15.3301	612.8		-28.82	-97.41
404730	-49.2843	-15.3251	574.06		-28.93	-93.18
404731	-49.3104	-15.3221	610.71		-22.91	-91.27
404732	-49.3381	-15.3193	611		-24.69	-93.08

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
404733	-49.3444	-15.2983	568.37		-18.91	-82.53
404734	-49.3426	-15.2779	598.58		-10.21	-77.21
404735	-49.3326	-15.2552	672.75		1.66	-73.64
404736	-49.2998	-15.2184	681.5		5.46	-70.82
404737	-49.2866	-15.2151	780.01		20.13	-67.17
404738	-49.3605	-15.3335	549.72		-43.1	-104.63
404739	-49.3674	-15.3506	589.54		-40.86	-106.85
404740	-49.3887	-15.3478	632.71		-31.02	-101.84
404741	-49.4019	-15.3283	586.18		-39.52	-105.13
404742	-49.4169	-15.3152	631.27		-32.07	-102.73
404743	-49.4251	-15.3073	628.94		-32.38	-102.78
404744	-49.4406	-15.3203	618.54		-32.73	-101.96
404745	-49.4575	-15.3301	670.83		-13.65	-88.74
404746	-49.4713	-15.3452	707.22		-6.91	-86.07
404747	-49.4871	-15.3573	794.94		2.89	-86.08
404748	-49.4469	-15.2974	633.95		-34.01	-104.97
404749	-49.4628	-15.2793	599.53		-37.11	-104.22
404750	-49.4806	-15.2628	553.22		-40.28	-102.21
405001	-49.1166	-15.3195	633.36		-45.9	-116.79
405002	-49.394	-15.4039	657.91		-40.17	-113.81
405003	-49.4151	-15.4066	626.54		-45.75	-115.88
405004	-49.4352	-15.4292	581.82		-54.6	-119.72
405005	-49.4241	-15.4448	626.93		-51.3	-121.47
405006	-49.4033	-15.4462	637.35		-49.07	-120.41
405007	-49.3819	-15.4494	636.15		-47.66	-118.86
405008	-49.3629	-15.4521	638.77		-47.06	-118.56
405009	-49.3417	-15.4539	684.43		-41.21	-117.82
405010	-49.3219	-15.4515	747.15		-34.12	-117.75
405011	-49.3027	-15.4511	641.51		-45.99	-117.79
405012	-49.2817	-15.4518	610.23		-48.68	-116.98
405013	-49.2639	-15.4598	609.5		-47.67	-115.89
405014	-49.3902	-15.4286	630.59		-46.25	-116.83
405015	-49.3831	-15.3828	596.26		-43.58	-110.32
405016	-49.3521	-15.3605	590.07		-40.66	-106.71
405017	-49.3429	-15.3808	613.46		-40.05	-108.71
405018	-49.3288	-15.3997	591.37		-44.53	-110.72
405019	-49.3061	-15.4162	592.06		-49.26	-115.53
405020	-49.3062	-15.4	617.57		-43.75	-112.87
405021	-49.3323	-15.3509	566.88		-43.56	-107.02
405022	-49.3237	-15.3797	610.84		-39.93	-108.3
405023	-49.2998	-15.3797	613.38		-40.97	-109.63
405024	-49.2349	-15.3602	587.66		-44.64	-110.42
405025	-49.256	-15.3714	614.99		-41.56	-110.4
405026	-49.277	-15.3677	573.72		-46.23	-110.45
405027	-49.2489	-15.3904	608		-40.73	-108.78
405028	-49.2391	-15.4111	683.47		-33.83	-110.33
405029	-49.2231	-15.4261	677.41		-38.49	-114.31
405030	-49.2068	-15.4379	721.67		-34.33	-115.11
405031	-49.189	-15.4481	735.96		-33.63	-116.01
405032	-49.1679	-15.4375	751.52		-31.9	-116.02
405033	-49.1559	-15.4033	683.77		-38.94	-115.47
405034	-49.1766	-15.4068	693.19		-37.42	-115.01
405035	-49.2683	-15.543	749.57		-35.51	-119.41
405036	-49.2868	-15.537	801.46		-29.79	-119.49
405037	-49.3089	-15.5395	776.64		-33.22	-120.15
405038	-49.3231	-15.5254	694.88		-42.24	-120.02
405039	-49.3387	-15.5392	764.11		-33.91	-119.43
405040	-49.3604	-15.5359	710.7		-40.73	-120.28
405041	-49.38	-15.5493	613.33		-52.93	-121.59
405042	-49.1428	-15.3716	702.19		-38.73	-117.33
405043	-49.1643	-15.3837	639.45		-43.78	-115.35
405044	-48.886	-15.1091	564.78		-45.73	-108.95
405045	-48.9247	-15.1527	600.74		-39.88	-107.12
405046	-48.9138	-15.1656	554.48		-49.9	-111.96
405047	-48.9721	-15.2284	596.09		-43.41	-110.13
405048	-48.9437	-15.2306	586.76		-48.9	-114.58
405049	-48.9362	-15.2515	588.99		-48.96	-114.89
405050	-48.9191	-15.2686	598.97		-49.53	-116.57
405051	-48.9014	-15.2861	611.1		-48.04	-116.44
405052	-48.9051	-15.3099	634.73		-45.14	-116.18
405053	-48.8918	-15.3298	671.43		-39.76	-114.91
405054	-48.8734	-15.3441	684.36		-37.01	-113.61

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405055	-48.8674	-15.3662	661.82		-39.54	-113.61
405056	-48.8605	-15.3877	623.07		-44.1	-113.84
405057	-48.8801	-15.4041	686.57		-37.51	-114.36
405058	-48.8851	-15.426	691.76		-37.22	-114.65
405059	-48.8912	-15.4436	711.93		-35.82	-115.51
405060	-48.9028	-15.4257	708.64		-36.4	-115.72
405061	-48.9256	-15.4091	649.08		-44.4	-117.05
405062	-48.9633	-15.3713	616.09		-48.91	-117.87
405063	-48.9847	-15.3641	630.31		-49.1	-119.65
405064	-48.9749	-15.3489	593.98		-52	-118.48
405065	-48.9922	-15.3385	659.69		-43.86	-117.7
405066	-48.9928	-15.379	653.25		-44.65	-117.77
405067	-49.5902	-15.3149	538.75		-33.16	-93.47
405069	-49.5706	-15.3328	548.77		-32.54	-93.96
405070	-49.5714	-15.3074	548.21		-31	-92.36
405071	-49.5641	-15.2859	547.65		-29.77	-91.06
405072	-49.5484	-15.2669	550.19		-30.77	-92.36
405073	-49.5569	-15.2421	580.5		-28.72	-93.7
405074	-49.5506	-15.218	533.55		-31.98	-91.7
405075	-49.5449	-15.1928	537.02		-26.85	-86.96
405076	-49.5442	-15.1714	551.92		-26.08	-87.85
405077	-49.5311	-15.1453	598.98		-16.25	-83.3
405078	-49.5127	-15.1303	538.17		-20.05	-80.28
405079	-49.4704	-15.0914	555.2		-21.53	-83.67
405080	-49.4588	-15.0738	586.91		-23.59	-89.29
405081	-49.4464	-15.0528	566.37		-22.63	-86.03
405082	-49.4333	-15.032	560.43		-20.73	-83.45
405083	-49.4199	-15.0135	560.66		-18.64	-81.39
405084	-49.4062	-14.9932	546.44		-17.4	-78.57
405086	-49.4919	-15.0907	572.98		-16.82	-80.95
405087	-49.497	-15.0674	587.57		-19.43	-85.2
405088	-49.5114	-15.0404	560.69		-21.71	-84.47
405089	-49.5271	-15.0194	568.45		-19.6	-83.23
405090	-49.5326	-14.9937	543.41		-17.93	-78.75
405091	-49.5472	-14.9675	565.07		-11.01	-74.26
405093	-49.5027	-15.0097	556.81		-18.74	-81.06
405094	-49.4806	-15.0049	537.49		-19.26	-79.43
405095	-49.4601	-15.006	527.4		-20.67	-79.7
405096	-49.4448	-15.0224	542.81		-21.59	-82.35
405097	-49.504	-15.1455	523.15		-25.44	-84
405098	-49.4863	-15.1558	543.22		-23.86	-84.66
405099	-49.5297	-15.2074	577.65		-22.48	-87.14
405100	-49.5145	-15.188	558.51		-23.8	-86.31
405101	-49.4393	-15.1247	514		-23.15	-80.68
405102	-49.4171	-15.1211	518.95		-26.79	-84.88
405103	-49.5148	-15.2291	529.53		-31.86	-91.13
405104	-49.4962	-15.244	558.26		-30.32	-92.8
405105	-49.4813	-15.262	555.48		-39.29	-101.47
405106	-49.4633	-15.2792	600.65		-36.73	-103.96
405107	-49.4511	-15.2962	634.97		-34.3	-105.38
405108	-49.4642	-15.3378	696.29		-9.09	-87.03
405109	-49.4781	-15.3498	698.59		-7.19	-85.38
405110	-49.4954	-15.3593	726.85		-5.51	-86.87
405111	-49.5154	-15.3501	672.15		-12.21	-87.44
405112	-49.5354	-15.3413	652.55		-15.94	-88.98
405113	-49.5527	-15.3294	608.1		-23.26	-91.32
405114	-49.4394	-15.0867	549.68		-28.93	-90.46
405115	-49.4351	-15.1014	529.24		-30.47	-89.71
405116	-49.4219	-15.0607	547.62		-28.12	-89.42
405117	-49.4052	-15.0761	527.73		-32.54	-91.61
405118	-49.4047	-15.0513	536.71		-26.27	-86.34
405119	-49.3824	-15.0427	513.68		-29.71	-87.21
405120	-49.3684	-15.0266	535.91		-25.13	-85.11
405121	-49.3478	-15.0065	503.81		-27.25	-83.64
405122	-49.3608	-15.0096	501.99		-26.25	-82.44
405123	-49.3948	-14.9771	542.58		-16.8	-77.53
405124	-49.3805	-14.9563	585.06		-10.68	-76.16
405125	-49.3665	-14.9321	561.91		-14.09	-76.99
405126	-49.3545	-14.9117	537.9		-14.86	-75.07
405127	-49.3596	-14.9583	577.5		-15.55	-80.18
405128	-49.3363	-14.9521	559.14		-17.54	-80.12
405129	-49.3149	-14.9411	536.54		-17.89	-77.94

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405130	-49.3003	-14.9242	514.33		-18.86	-76.43
405131	-49.3022	-14.9034	511.75		-17.4	-74.68
405132	-49.4	-14.9451	588.34		-6.91	-72.76
405133	-49.3966	-14.9217	586.85		-7.25	-72.94
405134	-49.4209	-14.934	542.5		-10.21	-70.93
405135	-49.4439	-14.9279	570.68		-4.59	-68.46
405136	-49.3639	-14.8954	549.39		-10.82	-72.31
405137	-49.3809	-14.9131	535.6		-14.87	-74.82
405138	-49.3444	-14.8917	577.24		-7.75	-72.37
405139	-49.3316	-14.8713	556.54		-9.02	-71.31
405140	-49.3125	-14.8439	575.56		-6.41	-70.84
405141	-49.2874	-14.8044	537.94		-10.97	-71.18
405142	-49.3052	-14.8645	564.99		-8.68	-71.92
405143	-49.289	-14.8788	540.9		-12.86	-73.4
405144	-49.3731	-14.8544	583.4		-2.69	-67.99
405145	-49.4097	-14.8558	535.66		-6.93	-66.88
405146	-49.4402	-14.8775	604.32		1.04	-66.6
405147	-49.4733	-14.9106	597.96		2.63	-64.3
405092	-49.5477	-14.9509	555.13		-7.43	-69.56
405148	-49.421	-15.2871	613.87		-27.18	-95.89
405149	-49.4142	-15.2658	556.48		-20.47	-82.76
405150	-49.4289	-15.2561	545.26		-20.42	-81.45
405151	-49.404	-15.2997	582.93		-32.1	-97.35
405152	-49.3838	-15.2875	561.63		-20.5	-83.37
405153	-49.3933	-15.2943	618.79		-18.65	-87.91
405154	-49.4312	-15.3299	593.22		-33.86	-100.26
405155	-49.4484	-15.3407	635.4		-19.13	-90.25
405156	-49.4263	-15.4202	633.52		-48.15	-119.06
405157	-49.452	-15.4399	593.29		-53.77	-120.18
405158	-49.4738	-15.4478	602.12		-54.45	-121.85
405159	-49.4956	-15.4522	595.09		-56.79	-123.4
405160	-49.3883	-15.6239	667.88		-47.72	-122.47
405161	-49.4051	-15.6046	636.9		-51.47	-122.76
405162	-49.4146	-15.5811	647.01		-47.71	-120.13
405163	-49.424	-15.5596	607.37		-51.33	-119.31
405164	-49.4379	-15.5404	610.19		-52.64	-120.94
405165	-49.4171	-15.5425	641.79		-49.58	-121.41
405166	-49.3987	-15.549	607.77		-54.03	-122.06
405167	-49.3894	-15.5534	622.27		-51.38	-121.03
405168	-49.4561	-15.5288	589.8		-56.41	-122.43
405169	-49.473	-15.5121	594.2		-57.87	-124.38
405170	-49.4898	-15.4908	608.22		-56.11	-124.19
405171	-49.469	-15.4889	622.93		-54.32	-124.04
405172	-49.4509	-15.4809	610.78		-55.08	-123.44
405173	-49.4312	-15.4855	639.89		-49.94	-121.57
405174	-49.4125	-15.4752	627.89		-51.55	-121.83
405175	-49.3955	-15.4661	620.52		-51.07	-120.52
405176	-49.3769	-15.4584	622.88		-48.93	-118.65
405177	-49.4984	-15.4676	587.08		-58.83	-124.54
405178	-49.5172	-15.4223	619.26		-49.3	-118.62
405179	-49.4963	-15.4174	625.61		-46.09	-116.12
405180	-49.5326	-15.4047	588.96		-41.24	-107.16
405182	-49.5106	-15.4872	587.55		-58.5	-124.26
405183	-49.5372	-15.4955	594.17		-57.38	-123.89
405184	-49.5583	-15.5034	610.34		-53.85	-122.16
405185	-49.5879	-15.5087	598.06		-52.92	-119.86
405186	-49.6121	-15.5064	610.06		-49.32	-117.6
405187	-49.6369	-15.5063	681.58		-38.88	-115.17
405188	-49.66	-15.5081	649.88		-41.48	-114.22
405189	-49.6859	-15.5009	584.63		-46.02	-111.46
405190	-49.7056	-15.5134	585.94		-43.75	-109.33
405191	-49.7194	-15.5312	576.6		-42	-106.53
405192	-49.7399	-15.5421	584.05		-38.2	-103.57
405193	-49.7611	-15.5526	597.39		-34.11	-100.97
405194	-49.7972	-15.5769	665.75		-23.63	-98.15
405195	-49.8129	-15.5941	625.43		-26.12	-96.12
405196	-49.6733	-15.5264	607.24		-47.41	-115.37
405197	-49.6631	-15.5533	624.07		-44.7	-114.55
405198	-49.6708	-15.5789	584.99		-46.95	-112.43
405199	-49.6769	-15.6016	599.47		-43.88	-110.98
405200	-49.6898	-15.628	596.83		-43.24	-110.05
405201	-49.6943	-15.6512	626.23		-38.93	-109.02

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405202	-49.6886	-15.6699	651.33		-35.98	-108.88
405203	-49.7146	-15.6799	629.02		-36.74	-107.15
405204	-49.7385	-15.6708	621.37		-35.83	-105.38
405205	-49.7646	-15.6716	590.04		-36.86	-102.9
405206	-49.7795	-15.6878	589.13		-34.66	-100.6
405207	-49.6679	-15.6551	602.44		-44.27	-111.7
405208	-49.6561	-15.631	625.6		-44.07	-114.09
405209	-49.6325	-15.6337	631.85		-44.34	-115.06
405210	-49.6042	-15.6259	643.26		-46.77	-118.77
405211	-49.5713	-15.618	622.25		-51.36	-121
405212	-49.5506	-15.6345	612.24		-52.1	-120.63
405213	-49.5311	-15.6555	667.69		-46.94	-121.68
405214	-49.5098	-15.638	697.02		-42.52	-120.53
405215	-49.5109	-15.6162	703.95		-42.45	-121.24
405216	-49.4923	-15.5973	722.07		-42.25	-123.07
405217	-49.4656	-15.6001	642.67		-52.28	-124.22
405218	-49.5909	-15.4907	609.87		-50.52	-118.79
405219	-49.5782	-15.478	590.37		-55.85	-121.93
405220	-49.5616	-15.4668	579.22		-57.65	-122.48
405221	-49.5454	-15.4497	557.54		-62.09	-124.5
405222	-49.5907	-15.464	591.74		-54.93	-121.17
405223	-49.6067	-15.4473	599.11		-52.2	-119.26
405224	-49.6183	-15.4572	597.86		-49.3	-116.22
405225	-49.6297	-15.4444	579.6		-50.93	-115.81
405226	-49.649	-15.4378	594.96		-48.93	-115.53
405227	-49.6601	-15.4534	620.31		-43.23	-112.66
405228	-49.649	-15.4154	558.11		-53.64	-116.11
405229	-49.6677	-15.4702	585.66		-47.06	-112.61
405230	-49.6794	-15.4866	578.09		-46.85	-111.56
405231	-49.7071	-15.4154	591.48		-46.42	-112.62
405232	-49.613	-15.3387	609.65		-27.81	-96.05
405233	-49.6339	-15.3491	585.47		-36.67	-102.2
405234	-49.6536	-15.3517	578.32		-43.44	-108.17
405235	-49.6811	-15.3549	574.93		-42.84	-107.19
405236	-49.6934	-15.3811	567.63		-45.39	-108.93
405237	-49.6748	-15.3868	586.23		-43.84	-109.45
405238	-49.6539	-15.3833	560.09		-45.51	-108.2
405239	-49.6383	-15.373	556.28		-45.44	-107.7
405240	-49.6134	-15.3709	582.71		-40.9	-106.13
405241	-49.6145	-15.3466	580.84		-33.25	-98.27
405242	-49.6203	-15.389	591.88		-45.13	-111.37
405243	-49.6359	-15.4018	558.52		-50.37	-112.89
405244	-49.7039	-15.4064	619.97		-43.32	-112.72
405245	-49.7097	-15.424	559.64		-48.94	-111.58
405246	-49.6992	-15.3959	626.82		-41.36	-111.52
405247	-49.7062	-15.4425	585.67		-45.85	-111.4
405248	-49.7117	-15.462	616.08		-39.71	-108.66
405249	-49.7099	-15.4799	600.14		-42.61	-109.78
405250	-49.6223	-15.4952	645.44		-44.13	-116.37
405251	-49.6299	-15.4886	645.13		-44.07	-116.28
405252	-49.6163	-15.4728	629.21		-45.78	-116.21
405253	-49.8075	-15.5473	584.19		-31.43	-96.82
405254	-49.8299	-15.5461	601.71		-27.83	-95.18
405255	-49.8403	-15.5599	628.82		-24.2	-94.58
405256	-49.8585	-15.573	635.19		-21.69	-92.78
405257	-49.8798	-15.5721	626.24		-20	-90.1
405258	-49.9117	-15.5596	654.89		-12.08	-85.38
405259	-49.9066	-15.543	649.33		-15.8	-88.48
405260	-49.9082	-15.5332	619		-19.09	-88.38
405261	-49.8863	-15.5446	651.58		-17.69	-90.62
405262	-49.8633	-15.5488	625.44		-22.08	-92.08
405263	-49.8432	-15.5445	608.48		-26.13	-94.24
405264	-49.7108	-15.3512	618.29		-37.28	-106.48
405265	-49.7306	-15.3447	611.65		-37.54	-106
405266	-49.7475	-15.3402	626.79		-36.01	-106.16
405267	-49.7682	-15.3346	661.53		-32.12	-106.17
405268	-49.7848	-15.3226	630.9		-37.11	-107.73
405269	-49.7956	-15.3051	634.04		-35.69	-106.65
405270	-49.7986	-15.2849	621.95		-35.45	-105.07
405271	-49.7912	-15.2647	702.72		-21.29	-99.94
405272	-49.7869	-15.3452	610.13		-37.59	-105.88
405273	-49.8079	-15.3472	595.86		-40.31	-107.01

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405274	-49.8286	-15.3527	619.68		-35.49	-104.85
405275	-49.8491	-15.3534	642.43		-30.99	-102.9
405276	-49.8671	-15.3639	577.37		-35.47	-100.09
405277	-49.8842	-15.3725	586.17		-32.38	-97.99
405278	-49.9012	-15.3801	658.54		-22.12	-95.83
405279	-49.9208	-15.386	696.1		-15.63	-93.54
405280	-49.9387	-15.3904	705.85		-10.46	-89.46
405281	-49.9573	-15.3839	720.44		-5.06	-85.7
405282	-49.9769	-15.3889	720.05		-1.39	-81.98
405283	-49.9885	-15.3699	630.43		-12.04	-82.6
405284	-50.0021	-15.3593	673.16		-6.56	-81.91
405285	-49.9315	-15.4099	611.67		-23.09	-91.55
405286	-49.9213	-15.4256	677.67		-15.31	-91.16
405287	-49.9121	-15.4422	681.55		-14.8	-91.09
405288	-49.9209	-15.4602	676.5		-13.63	-89.36
405289	-49.8993	-15.4799	735.91		-8.85	-91.22
405290	-49.8894	-15.4637	700.66		-13.16	-91.58
405291	-49.8734	-15.4634	651.56		-21.33	-94.26
405292	-49.8738	-15.482	704.26		-14.79	-93.62
405293	-49.8761	-15.5007	662.63		-18.77	-92.93
405294	-49.8596	-15.5036	623.35		-24.39	-94.16
405295	-49.8432	-15.4923	734.91		-13.67	-95.93
405296	-49.8219	-15.4906	741.65		-14.23	-97.25
405297	-49.8267	-15.4824	735.42		-15.29	-97.61
405298	-49.8655	-15.4454	648.84		-21.77	-94.39
405299	-49.8604	-15.4494	624.18		-24.59	-94.46
405300	-49.8437	-15.4406	699.23		-17.55	-95.81
405301	-49.8238	-15.4459	637.47		-26.79	-98.14
405302	-49.8043	-15.4485	673.03		-24.88	-100.21
405303	-49.7839	-15.4409	667.84		-28.62	-103.37
405304	-49.7629	-15.4378	635.19		-34.28	-105.37
405305	-49.7451	-15.4319	581.61		-42.55	-107.65
405306	-49.7308	-15.4416	625.15		-38.99	-108.96
405307	-49.7317	-15.4824	630.79		-35.92	-106.52
405308	-49.7537	-15.4799	613.6		-35.62	-104.3
405309	-49.7571	-15.4564	603.36		-37.87	-105.41
405310	-49.7443	-15.4961	591.01		-39.21	-105.36
405311	-49.7637	-15.5079	608		-34.57	-102.62
405312	-49.7859	-15.5148	588.98		-33.44	-99.37
405313	-49.7976	-15.5296	603.53		-30.77	-98.33
405314	-49.7051	-15.3741	570.72		-45.06	-108.94
405315	-49.8044	-15.3706	574.61		-41.8	-106.12
405316	-49.7967	-15.3902	588.96		-40.03	-105.95
405317	-49.7866	-15.4065	581.42		-40.02	-105.1
405318	-49.7744	-15.4231	660.88		-31.36	-105.34
405319	-49.7577	-15.409	628.81		-37.85	-108.23
405320	-49.7553	-15.3904	600.13		-42.91	-110.08
405321	-49.7617	-15.3759	562.55		-47.47	-110.43
405322	-49.7401	-15.3974	623.67		-41.02	-110.83
405323	-49.7197	-15.3958	681.51		-34.2	-110.48
405324	-49.7944	-15.4234	610.23		-36.46	-104.77
405325	-49.8125	-15.4114	669.85		-27.55	-102.52
405326	-49.833	-15.4099	663.42		-25.4	-99.66
405327	-49.8527	-15.418	662.62		-23.28	-97.45
405328	-49.8409	-15.4013	612.78		-31.64	-100.23
405329	-49.8548	-15.4034	602.03		-31.19	-98.58
405330	-49.8965	-15.4343	675.12		-17.85	-93.41
405331	-49.6359	-15.3066	626.57		-24.9	-95.03
405332	-49.6549	-15.3113	676.45		-19.6	-95.31
405333	-49.6738	-15.3051	662.97		-23.49	-97.69
405334	-49.6927	-15.3014	624.12		-34.13	-103.99
405335	-49.71	-15.2949	588.02		-44.13	-109.94
405336	-49.722	-15.3105	644.78		-33.92	-106.09
405337	-49.7174	-15.3297	630.38		-33.28	-103.84
405338	-49.7188	-15.2766	658.45		-29.49	-103.19
405339	-49.7358	-15.2657	709.9		-19.35	-98.81
405340	-49.7282	-15.2897	639.74		-37.17	-108.78
405341	-49.7627	-15.3158	648.33		-32.58	-105.15
405342	-49.7705	-15.2978	603.45		-40.37	-107.92
405343	-49.7478	-15.2984	601.14		-41.69	-108.97
405344	-49.7927	-15.2456	686.93		-23.04	-99.92
405345	-49.791	-15.2247	700.87		-19.02	-97.47

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405346	-49.792	-15.2003	695.78		-16.37	-94.24
405347	-49.8026	-15.1849	691.38		-19.09	-96.48
405348	-49.7818	-15.176	622.56		-29.59	-99.27
405349	-49.7647	-15.1853	674.69		-20.95	-96.47
405350	-49.7577	-15.2051	722.19		-10.81	-91.65
405351	-49.7528	-15.2248	742.64		-9.61	-92.73
405352	-49.7316	-15.2331	825.55		-0.82	-93.22
405353	-49.7144	-15.2254	727.67		-15.99	-97.44
405354	-49.6964	-15.2186	646.18		-27.25	-99.58
405355	-49.6908	-15.1986	626.57		-31.61	-101.74
405356	-49.6793	-15.1794	612.31		-30.55	-99.08
405357	-49.6596	-15.1808	609.14		-28.87	-97.05
405358	-49.6397	-15.186	561.01		-35.48	-98.27
405359	-49.6183	-15.1914	556.64		-33.25	-95.56
405360	-49.6007	-15.1809	539.15		-30.62	-90.97
405361	-49.5847	-15.1721	594.12		-22.75	-89.25
405362	-49.5651	-15.1718	599.1		-20.84	-87.9
405363	-49.6037	-15.2863	595.58		-27.7	-94.36
405364	-49.6197	-15.2719	739.3		-11.26	-94.01
405365	-49.6385	-15.2702	702.04		-15.64	-94.22
405366	-49.6569	-15.2668	746.65		-10.36	-93.93
405367	-49.6746	-15.2606	776.66		-4.92	-91.85
405368	-49.6341	-15.2577	713.96		-11.77	-91.68
405369	-49.6059	-15.2579	714.73		-7.45	-87.45
405370	-49.6031	-15.2362	632.05		-16.92	-87.66
405371	-49.589	-15.2242	593.72		-24.73	-91.18
405372	-49.5913	-15.2071	591.57		-26.36	-92.57
405373	-49.5767	-15.1458	595.11		-20.69	-87.3
405374	-49.5845	-15.1285	614.19		-17.71	-86.46
405375	-49.5907	-15.1103	637.47		-9.7	-81.05
405376	-49.5938	-15.0919	608.95		-6.94	-75.1
405377	-49.5752	-15.0805	573.74		-13.03	-77.25
405378	-49.5662	-15.0599	569.36		-18.18	-81.91
405379	-49.5661	-15.041	578.57		-16.97	-81.73
405380	-49.5785	-15.0199	522.49		-25.04	-83.52
405381	-49.5947	-15.008	584.88		-17.45	-82.91
405382	-49.6114	-15.0147	588.66		-14.55	-80.44
405383	-49.6273	-15.0273	550.86		-19.36	-81.02
405384	-49.6444	-15.0407	572.99		-16.96	-81.09
405385	-49.6672	-15.0351	587.41		-15.45	-81.2
405386	-49.6774	-15.0203	579.37		-15.52	-80.37
405387	-49.6956	-15.0103	652.26		-5.93	-78.94
405388	-49.7145	-15.0051	655.82		-9.41	-82.81
405389	-49.7341	-15.0064	656.74		-14.43	-87.94
405390	-49.6531	-15.0546	534.39		-19.74	-79.55
405391	-49.673	-15.0549	559.23		-17.89	-80.49
405392	-49.6913	-15.0482	585.22		-18.13	-83.64
405393	-49.709	-15.0559	568.75		-24.26	-87.92
405394	-49.7269	-15.0618	580.74		-26.28	-91.28
405395	-49.7423	-15.0766	552.39		-32.36	-94.19
405396	-49.6042	-15.1495	622.19		-18.98	-88.62
405397	-49.6175	-15.1335	641.84		-13.21	-85.06
405398	-49.6313	-15.1214	636.85		-12.24	-83.53
405399	-49.6415	-15.1006	606.57		-11.83	-79.72
405400	-49.6527	-15.0859	593.08		-14.2	-80.59
405401	-49.6558	-15.0718	606.24		-11.57	-79.43
405402	-49.6732	-15.0847	570.09		-18.78	-82.59
405403	-49.6928	-15.0878	545.13		-25.03	-86.05
405404	-49.7103	-15.0966	608.2		-21.06	-89.14
405405	-49.7328	-15.0945	589.97		-25.9	-91.94
405406	-49.747	-15.1092	678.73		-19.05	-95.02
405407	-49.7491	-15.1134	683.4		-19.19	-95.69
405408	-49.7428	-15.1315	698.97		-17.61	-95.84
405409	-49.7441	-15.1458	671.21		-21.13	-96.26
405410	-49.7387	-15.1637	601.8		-30.15	-97.51
405411	-49.7253	-15.1695	594.17		-31.69	-98.2
405412	-49.7061	-15.17	599.72		-30.48	-97.6
405413	-49.6851	-15.1678	585.3		-31.15	-96.66
405414	-49.6816	-15.149	615.23		-23.64	-92.5
405415	-49.6991	-15.1404	619.21		-22.15	-91.46
405416	-49.6994	-15.1216	620.46		-19.04	-88.49
405417	-49.6958	-15.1008	580.02		-21.7	-86.62

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405418	-49.6737	-15.1002	601.19		-15.83	-83.12
405419	-49.6336	-15.0787	626.21		-7.36	-77.45
405420	-49.6277	-15.0597	574.91		-15.55	-79.9
405421	-49.6099	-15.0496	544.54		-19	-79.95
405422	-49.5902	-15.0443	536.12		-20.44	-80.45
405423	-49.5897	-15.0699	587.66		-13.49	-79.27
405425	-49.8112	-15.1459	647.5		-24.15	-96.62
405426	-49.8222	-15.1256	569.57		-30.64	-94.39
405427	-49.8386	-15.1048	641.68		-20.4	-92.23
405428	-49.8629	-15.0995	622.07		-21.77	-91.4
405429	-49.8785	-15.08	592.21		-24.01	-90.3
405430	-49.8777	-15.0565	648.52		-16.04	-88.63
405431	-49.8851	-15.0357	720.53		-5.8	-86.45
405432	-49.9017	-15.0199	826.29		9.27	-83.22
405433	-49.9235	-15.0254	806.16		10.92	-79.31
405434	-49.9456	-15.0179	849.48		17.02	-78.06
405435	-49.9694	-15.0197	755.56		6.64	-77.93
405436	-49.9928	-15.0229	720.09		2.84	-77.76
405437	-50.0062	-15.0422	728.5		4.31	-77.23
405438	-50.0199	-15.0604	734.03		5.41	-76.75
405439	-50.0342	-15.0781	771.39		11.35	-74.99
405440	-49.8438	-15.1174	700.2		-14.35	-92.72
405441	-49.898	-15.1057	685.87		-13.12	-89.89
405442	-49.9224	-15.1014	606.59		-20.91	-88.8
405443	-49.9448	-15.1077	706.28		-5.98	-85.03
405444	-49.9679	-15.1129	725.88		-1.54	-82.79
405445	-49.9726	-15.0898	621.52		-10.68	-80.25
405446	-49.9614	-15.0713	686.63		-3.47	-80.32
405447	-49.9372	-15.0663	619.92		-12.82	-82.21
405448	-49.9231	-15.0483	704.31		-3.25	-82.08
405449	-49.8786	-15.0119	777.18		1.99	-85
405450	-49.8567	-15.0135	823.59		5.38	-86.81
405451	-49.8394	-14.9971	824.06		6.92	-85.31
405452	-49.8248	-15.0154	787.93		0.02	-88.17
405453	-49.8359	-15.0353	661.69		-14.55	-88.62
405454	-49.8395	-15.0567	616.93		-21.73	-90.78
405455	-49.8378	-15.0791	604.89		-23.73	-91.44
405456	-49.8549	-15.0343	631.02		-18.48	-89.11
405457	-49.8233	-15.154	655.98		-23.28	-96.71
405458	-49.8455	-15.1546	607.51		-28.59	-96.59
405459	-49.8695	-15.1598	687.15		-19.15	-96.06
405460	-49.8937	-15.1593	690.59		-17.25	-94.54
405461	-49.9158	-15.1708	677.78		-16.57	-92.43
405462	-49.933	-15.1862	710.8		-11.04	-90.6
405463	-49.964	-15.2211	768.64		-2.16	-88.2
405464	-49.9644	-15.2446	748.97		-5.03	-88.86
405465	-49.9732	-15.2679	716		-6.82	-86.96
405466	-49.999	-15.2729	751.46		2.11	-82
405467	-50.0155	-15.2882	712.99		0.4	-79.41
405468	-50.0254	-15.3075	725.18		2.89	-78.28
405469	-50.0591	-15.2884	736.98		6.58	-75.91
405470	-50.0464	-15.2705	814.79		13.82	-77.38
405471	-50.0376	-15.2456	768.85		9.71	-76.34
405472	-50.0166	-15.226	729.26		1.73	-79.9
405473	-49.9223	-15.3656	592.41		-28.37	-94.68
405474	-49.9272	-15.3446	695.63		-14.31	-92.17
405475	-49.9337	-15.3158	770.96		-5.45	-91.74
405476	-49.9365	-15.2903	822.81		-0.01	-92.11
405477	-49.9262	-15.2657	742.69		-9.97	-93.1
405478	-49.9021	-15.2615	799.14		-8.1	-97.55
405479	-49.8817	-15.264	713.65		-20.92	-100.8
405480	-49.863	-15.271	713.9		-21.45	-101.35
405481	-49.845	-15.2842	724.15		-20.74	-101.8
405482	-49.8209	-15.2831	646.87		-30.85	-103.26
405483	-49.8222	-15.0667	657.93		-16.33	-89.97
405484	-49.8027	-15.0572	661.88		-16.42	-90.51
405485	-49.7866	-15.0568	682.91		-14.94	-91.38
405486	-49.8182	-15.1088	616.58		-23.64	-92.65
405487	-49.8027	-15.095	640.23		-20.78	-92.45
405488	-49.7831	-15.0879	620.91		-23.89	-93.39
405489	-49.8147	-15.1988	626.57		-29.45	-99.59
405490	-49.8124	-15.216	666.45		-24.49	-99.08

Tabela A1 (cont.)

NUMEST	LONG	LAT	ALT	GRVO	ANFA	ANBG
405491	-49.7966	-15.2269	723.18		-15.12	-96.07
405492	-49.8131	-15.2375	746.29		-14.17	-97.71
405493	-49.8256	-15.244	755.44		-15.95	-100.51
405494	-49.9145	-15.1508	648.57		-17.89	-90.48
405495	-49.9394	-15.1484	650.36		-15.39	-88.19
405496	-49.96	-15.1565	673.14		-12.48	-87.83
405497	-49.9743	-15.1426	677.43		-9.04	-84.87
405498	-50.0013	-15.1268	741.42		1.97	-81.02
405499	-50.0116	-15.1105	764.79		5.99	-79.62
405500	-50.0178	-15.137	720.46		0.27	-80.37
405501	-50.0353	-15.1481	720.39		2.9	-77.73
405502	-50.0353	-15.1664	707.76		1.69	-77.53
405503	-50.0369	-15.1894	751.03		6.53	-77.54
405504	-50.0266	-15.209	767		8.04	-77.81
405505	-49.5719	-14.8925	638.88		12.06	-59.45
405506	-49.5899	-14.8754	628.48		15.07	-55.27
405507	-49.6151	-14.87	637.37		16.52	-54.82
405508	-49.6401	-14.8622	802.18		37.09	-52.69
405509	-49.6643	-14.8569	780.88		33.94	-53.46
405510	-49.6894	-14.8573	808.45		43.76	-46.73
405511	-49.7037	-14.8733	735.48		31.73	-50.59
405512	-49.7101	-14.9023	704.13		16.58	-62.23
405513	-49.7172	-14.9249	711.08		11.63	-67.96
405514	-49.7287	-14.9445	665		-2.18	-76.62
405515	-49.7416	-14.9616	684.64		-5.26	-81.89
405516	-49.77	-14.9612	737.24		-0.63	-83.15
405517	-49.7995	-14.9618	769.3		3.41	-82.7
405518	-49.6143	-14.9977	628.13		-9.16	-79.47
405519	-49.6348	-15.0019	588.59		-11.69	-77.57
405520	-49.6517	-14.9909	613.34		-5.37	-74.02
405521	-49.6706	-14.9778	651.02		4.94	-67.93
405522	-49.6889	-14.9673	701.76		14.07	-64.48
405523	-49.6944	-14.9494	735.22		18.44	-63.85
405524	-49.7136	-14.9432	654.95		4.12	-69.18
405525	-49.5456	-14.9304	582.93		0.17	-65.08
405526	-49.5478	-14.9002	581.34		4.32	-60.75
405527	-49.5415	-14.8726	664.91		36.22	-38.2
405528	-49.5571	-14.848	694.53		23.83	-53.91
405529	-49.5662	-14.8206	875.33		45.2	-52.78
405530	-49.5695	-14.7815	681.19		21.64	-54.61
405531	-49.5817	-14.7496	756.59		28.6	-56.08
405532	-49.5869	-14.7381	628.34		16.41	-53.92
405533	-49.5877	-14.702	477.84		7.61	-45.87
405534	-49.598	-14.6671	453.26		10.76	-39.97
405535	-49.5974	-14.6304	461.17		17.98	-33.64
405536	-49.5937	-14.5932	442.17		17	-32.5
405537	-49.5936	-14.7221	501.96		5.62	-50.56

Tabela A1 (cont).