

Meridiano	Datum	Hemisf.
-45°00'00"	SIRGAS2000	Sul

Nome	Descrição	Norte	Este	Cota
E1	E	7.944.445,4277	338.745,5341	800,000

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E2	A	7.944.466,2774	338.804,7361	803,247	70°35'56"	360°00'00"	62,7662	3,2475
E2	A	7.944.466,2769	338.804,7352	803,244	70°35'56"	0°00'00"	62,7652	3,2444
1	PBTC	7.944.445,3893	338.755,2430	797,949	90°13'36"	19°37'40"	9,7090	-2,0508
2	PBTC	7.944.453,4552	338.782,5458	799,219	77°45'45"	7°09'49"	37,8723	-0,7814
3	PBTM	7.944.461,8702	338.811,4669	799,579	75°59'49"	5°23'53"	67,9521	-0,4206
4	PBTC	7.944.427,7571	338.737,4982	797,047	204°27'15"	133°51'19"	19,4120	-2,9531
5	PBTF	7.944.439,6822	338.730,0341	801,376	249°39'41"	179°03'45"	16,5306	1,3765
6	PATC	7.944.430,7559	338.731,8851	800,829	222°55'54"	152°19'58"	20,0389	0,8290
7	PATC	7.944.420,5216	338.713,1756	802,223	232°24'53"	161°48'57"	40,8337	2,2232
8	PATC	7.944.408,4450	338.745,0058	798,975	180°49'06"	110°13'10"	36,9864	-1,0246
9	PATC	7.944.451,6932	338.722,4750	802,363	285°12'04"	214°36'08"	23,8951	2,3630
10	PATC	7.944.453,6254	338.718,3564	804,362	286°47'06"	216°11'10"	28,3872	4,3617
11	PATC	7.944.463,9001	338.765,4358	803,117	47°07'59"	336°32'03"	27,1534	3,1167
12	ARV	7.944.453,5198	338.768,6898	801,635	70°44'14"	0°08'18"	24,5290	1,6353
13	ARV	7.944.463,0650	338.797,0176	803,596	71°05'22"	0°29'26"	54,4209	3,5962
14	ARV	7.944.465,3797	338.807,0092	803,985	72°01'08"	1°25'13"	64,6318	3,9847
15	ARV	7.944.469,4574	338.820,3633	804,771	72°11'48"	1°35'53"	78,5929	4,7714
16	ARVH	7.944.454,4649	338.768,5547	809,398	68°33'59"	357°58'03"	24,7309	9,3978
17	ARVH	7.944.463,4775	338.796,1967	811,756	70°23'25"	359°47'29"	53,7820	11,7558
18	ARVH	7.944.462,7352	338.798,8939	808,651	72°01'45"	1°25'49"	56,0965	8,6515
19	ARVH	7.944.462,0842	338.806,5318	807,199	74°43'36"	4°07'40"	63,2310	7,1990
20	ARV	7.944.461,1804	338.806,8118	800,856	75°34'59"	4°59'03"	63,2701	0,8564
21	POSH	7.944.427,5224	338.737,4930	802,766	204°11'04"	133°35'08"	19,6280	2,7664
22	POSH	7.944.430,7068	338.731,7078	805,883	223°12'18"	152°36'22"	20,1959	5,8830
23	POSH	7.944.439,6135	338.730,2297	805,038	249°11'53"	178°35'57"	16,3716	5,0381
24	POSH	7.944.445,2924	338.755,3002	802,666	90°47'38"	20°11'42"	9,7670	2,6657
25	POSH	7.944.453,3692	338.782,5930	803,325	77°54'17"	7°18'21"	37,9002	3,3253
26	POSH	7.944.463,7242	338.765,5314	809,050	47°32'35"	336°56'39"	27,1044	9,0502
27	POSH	7.944.451,6542	338.722,6261	808,193	285°12'21"	214°36'25"	23,7391	8,1926
28	CAS	7.944.425,3620	338.743,0991	798,478	186°55'09"	116°19'13"	20,2129	-1,5215
29	CAS	7.944.428,3191	338.752,7012	799,133	157°16'13"	86°40'17"	18,5492	-0,8669
30	CAS	7.944.427,9696	338.754,2839	799,744	153°22'49"	82°46'53"	19,5280	-0,2561
31	CAS	7.944.429,7278	338.759,7500	799,595	137°50'23"	67°14'27"	21,1797	-0,4046
32	CAS	7.944.423,6991	338.755,5432	800,359	155°16'02"	84°40'06"	23,9231	0,3593
33	CAS	7.944.420,4362	338.752,9785	799,492	163°24'44"	92°48'48"	26,0767	-0,5077
34	PAR	7.944.425,5059	338.743,5543	798,813	185°40'31"	115°04'35"	20,0199	-1,1875
35	PAR	7.944.426,6599	338.747,3157	798,974	174°34'38"	103°58'42"	18,8521	-1,0264
36	PAR	7.944.427,9719	338.751,5923	799,025	160°51'37"	90°15'41"	18,4772	-0,9747
37	PAR	7.944.428,1460	338.754,7385	798,877	151°57'35"	81°21'39"	19,5800	-1,1226
38	PAR	7.944.428,9045	338.757,1590	798,793	144°52'18"	74°16'22"	20,2029	-1,2073
39	PAR	7.944.429,5548	338.759,2160	799,402	139°14'23"	68°38'27"	20,9557	-0,5982
40	PAR	7.944.395,1494	338.762,0072	802,829	161°51'33"	91°15'37"	52,9082	2,8287
41	PAR	7.944.398,6793	338.761,8682	802,740	160°44'25"	90°08'29"	49,5199	2,7401
42	PAR	7.944.406,4751	338.761,5518	802,562	157°38'49"	87°02'53"	42,1174	2,5621
43	PAR	7.944.409,2787	338.761,4431	802,498	156°14'45"	85°38'49"	39,4949	2,4978

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Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
44	PAR	7.944.410,7344	338.761,6416	802,465	155°05'43"	84°29'47"	38,2502	2,4652
45	PAR	7.944.410,7911	338.762,9399	802,480	153°19'09"	82°43'13"	38,7641	2,4800
46	PAR	7.944.410,9829	338.767,7093	802,534	147°13'37"	76°37'41"	40,9656	2,5339
47	PAR	7.944.411,8940	338.767,6625	801,122	146°34'47"	75°58'51"	40,1768	1,1223
48	PAR	7.944.412,3732	338.768,1869	801,124	145°34'35"	74°58'39"	40,0718	1,1240
49	PAR	7.944.412,4228	338.769,3299	801,117	144°12'33"	73°36'37"	40,6887	1,1171
50	PAR	7.944.412,6153	338.774,1766	801,094	138°52'54"	68°16'58"	43,5551	1,0943
51	PAR	7.944.412,6898	338.775,8562	801,081	137°11'38"	66°35'42"	44,6229	1,0806
52	PAR	7.944.414,1053	338.791,1975	800,970	124°26'52"	53°50'56"	55,3737	0,9701
53	PAR	7.944.414,5274	338.801,0762	800,894	119°05'20"	48°29'24"	63,5590	0,8937
54	PAR	7.944.414,6998	338.824,3582	800,663	111°17'50"	40°41'54"	84,6017	0,6630
55	PAR	7.944.418,2711	338.746,1875	799,352	178°37'18"	108°01'22"	27,1645	-0,6484
56	PAR	7.944.419,2052	338.749,2368	799,415	171°57'46"	101°21'50"	26,4826	-0,5848
57	PAR	7.944.420,1947	338.752,4615	799,436	164°38'54"	94°02'58"	26,1667	-0,5636
58	PAR	7.944.422,9256	338.752,3552	799,360	163°08'10"	92°32'14"	23,5132	-0,6405
59	PAR	7.944.423,2922	338.753,4853	799,360	160°14'29"	89°38'33"	23,5202	-0,6404
60	PAR	7.944.419,3455	338.745,1720	799,212	180°47'43"	110°11'47"	26,0847	-0,7876
61	PAR	7.944.422,2257	338.744,2910	799,418	183°04'00"	112°28'04"	23,2353	-0,5824
62	PAR	7.944.424,2077	338.756,5784	800,342	152°30'16"	81°54'20"	23,9221	0,3423
63	PAR	7.944.425,3490	338.760,1379	800,290	143°58'14"	73°22'18"	24,8279	0,2898
64	POR	7.944.434,3268	338.732,9115	800,813	228°40'12"	158°04'16"	16,8096	0,8129
65	POR	7.944.438,6226	338.730,4122	800,819	245°46'17"	175°10'21"	16,5826	0,8189
66	MUR	7.944.423,6153	338.708,7823	799,897	239°18'38"	168°42'42"	42,7373	-0,1035
67	MUR	7.944.429,2397	338.705,6866	800,727	247°53'26"	177°17'30"	43,0102	0,7269
68	MUR	7.944.437,4842	338.701,1709	801,221	259°50'54"	189°14'58"	45,0688	1,2212
69	MUR	7.944.433,2032	338.703,5360	802,012	253°46'16"	183°10'20"	43,7411	2,0121
70	MUR	7.944.467,4715	338.716,7813	805,272	307°28'34"	236°52'39"	36,2306	5,2715
71	MUR	7.944.471,5762	338.729,7178	805,907	328°49'54"	258°13'59"	30,5597	5,9068
72	MUR	7.944.474,4307	338.738,7237	805,874	346°47'07"	276°11'12"	29,7919	5,8740
73	MUR	7.944.442,3005	338.727,9872	800,142	259°53'41"	189°17'45"	17,8234	0,1423
74	MUR	7.944.432,7628	338.733,8689	798,080	222°38'50"	152°02'54"	17,2185	-1,9198
75	MUR	7.944.442,4889	338.728,2092	800,186	260°22'21"	189°46'25"	17,5724	0,1862
76	MUR	7.944.443,9906	338.734,6770	800,384	262°27'36"	191°51'40"	10,9518	0,3842
77	MUR	7.944.445,7571	338.742,2945	800,676	275°48'18"	205°12'22"	3,2563	0,6763
78	MUR	7.944.446,7042	338.746,2483	801,020	29°13'36"	318°37'40"	1,4627	1,0199
79	MUR	7.944.446,7492	338.746,4104	800,984	33°32'55"	322°56'59"	1,5857	0,9836
80	MUR	7.944.448,1975	338.750,5409	801,103	61°02'53"	350°26'57"	5,7218	1,1034
81	MUR	7.944.451,7243	338.760,6811	801,597	67°25'39"	356°49'43"	16,4036	1,5973
82	MURH	7.944.449,0745	338.752,2662	803,177	61°33'19"	350°57'23"	7,6564	3,1775
83	MURH	7.944.449,2445	338.753,5943	801,495	64°39'39"	354°03'43"	8,9182	1,4954
84	MURH	7.944.442,2296	338.728,0264	800,153	259°38'53"	189°02'57"	17,7974	0,1534
85	MURH	7.944.442,2664	338.727,6359	801,905	259°59'00"	189°23'04"	18,1753	1,9049
86	MURH	7.944.434,0033	338.733,1163	800,838	227°23'09"	156°47'13"	16,8736	0,8382
87	MURH	7.944.425,4878	338.737,7438	798,682	201°20'24"	130°44'28"	21,4076	-1,3184
88	MURH	7.944.425,7673	338.737,9717	797,000	201°02'21"	130°26'25"	21,0647	-3,0001

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Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
89	TEP	7.944.428,2086	338.733,9254	798,097	213°59'13"	143°23'17"	20,7668	-1,9032
90	ARV	7.944.408,4209	338.730,3525	796,588	202°18'19"	131°42'23"	39,9998	-3,4120
91	ARV	7.944.416,4276	338.728,9399	797,330	209°46'43"	139°10'47"	33,4122	-2,6702
92	ARV	7.944.415,5031	338.726,6108	797,301	212°18'28"	141°42'32"	35,4058	-2,6987
93	ARV	7.944.422,5924	338.722,9933	798,203	224°37'41"	154°01'45"	32,0864	-1,7966
94	ARV	7.944.429,1638	338.719,6074	799,343	237°53'59"	167°18'03"	30,6057	-0,6566
95	ARV	7.944.436,6211	338.704,0686	800,846	258°00'34"	187°24'38"	42,3903	0,8462
96	PLA	7.944.451,7503	338.722,5850	803,410	285°24'11"	214°48'15"	23,8041	3,4104
97	PLAT	7.944.425,3889	338.743,1862	799,487	186°40'58"	116°05'02"	20,1759	-0,5128
98	PLAT	7.944.428,5968	338.756,1327	800,432	147°48'03"	77°12'07"	19,8899	0,4322
99	PLAT	7.944.410,7242	338.761,6670	815,928	155°04'02"	84°28'06"	38,2701	15,9283
100	PLAT	7.944.414,1380	338.792,0897	823,291	123°54'17"	53°18'21"	56,0934	23,2909
101	PAR	7.944.412,8202	338.791,0401	805,201	125°37'25"	55°01'29"	55,9825	5,2006
102	PAR	7.944.413,7872	338.790,9473	805,165	124°51'57"	54°16'01"	55,3487	5,1647
103	PAR	7.944.412,1464	338.778,1353	807,089	135°35'29"	64°59'33"	46,5885	7,0893
104	PAR	7.944.412,5196	338.786,3648	807,078	128°52'03"	58°16'07"	52,4413	7,0779
105	PAR	7.944.412,2217	338.773,9858	806,172	139°24'33"	68°48'37"	43,7280	6,1724
106	PAR	7.944.411,9880	338.773,9985	806,178	139°35'42"	68°59'46"	43,9140	6,1782
107	PAR	7.944.411,9581	338.767,6869	804,424	146°30'01"	75°54'05"	40,1368	4,4237
108	PAR	7.944.411,6345	338.767,7046	804,438	146°43'57"	76°08'01"	40,4167	4,4378
109	CASM	7.944.445,8117	338.821,6316	800,533	89°42'39"	19°06'43"	76,0984	0,5326
110	CASM	7.944.453,0743	338.819,4977	800,700	84°05'51"	13°29'55"	74,3578	0,7000
111	CASM	7.944.452,8583	338.804,2416	799,554	82°47'11"	12°11'15"	59,1759	-0,4457
112	MURPR	7.944.442,7764	338.793,6322	799,656	93°09'18"	22°33'22"	48,1712	-0,3445
113	MURPR	7.944.447,8714	338.810,2767	800,035	87°50'18"	17°14'22"	64,7888	0,0345
114	MURPR	7.944.466,5216	338.804,4159	803,370	70°17'25"	359°41'30"	62,5462	3,3699
115	MUR	7.944.425,3005	338.738,1018	796,282	200°16'03"	129°40'07"	21,4556	-3,7177
116	CAS	7.944.425,3712	338.743,1066	794,967	186°54'04"	116°18'08"	20,2029	-5,0327
117	CAS	7.944.428,3110	338.752,6793	795,007	157°20'32"	86°44'36"	18,5482	-4,9929
118	CAS	7.944.428,0143	338.754,3038	795,857	153°16'09"	82°40'13"	19,4970	-4,1433
119	CAS	7.944.429,7043	338.759,7673	795,880	137°50'52"	67°14'56"	21,2087	-4,1198
120	CASM	7.944.443,9116	338.737,8977	800,721	258°46'14"	188°10'18"	7,7854	0,7205
121	CASM	7.944.441,9048	338.738,4024	800,434	243°42'41"	173°06'45"	7,9544	0,4338
122	CASM	7.944.442,7959	338.736,9001	799,782	253°02'52"	182°26'56"	9,0262	-0,2181
123	QDE	7.944.439,5124	338.730,3639	800,829	248°41'52"	178°05'56"	16,2827	0,8294
124	QDE	7.944.440,2178	338.729,8976	800,822	251°34'21"	180°58'25"	16,4816	0,8216
125	COL	7.944.438,9785	338.730,2190	800,840	247°09'50"	176°33'54"	16,6176	0,8395
126	COL	7.944.433,9766	338.733,1315	800,830	227°17'03"	156°41'07"	16,8805	0,8300
127	MUR	7.944.428,3689	338.736,5927	798,030	207°39'41"	137°03'45"	19,2601	-1,9704
128	MUR	7.944.425,7704	338.737,9664	796,863	201°03'21"	130°27'25"	21,0637	-3,1373
129	CERT	7.944.423,8007	338.738,9934	797,423	196°49'37"	126°13'41"	22,5944	-2,5768
130	CERT	7.944.419,4923	338.741,5369	797,065	188°45'41"	118°09'45"	26,2416	-2,9351
131	TN	7.944.443,1757	338.738,5749	799,761	252°04'07"	181°28'11"	7,3145	-0,2393
132	TN	7.944.444,6216	338.738,1686	799,986	263°45'15"	193°09'19"	7,4095	-0,0141
133	TN	7.944.440,5465	338.739,3717	798,296	231°37'02"	161°01'06"	7,8614	-1,7035

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134	TN	7.944.434,0352	338.733,1958	798,038	227°16'56"	156°41'00"	16,7936	-1,9616
135	TN	7.944.428,3477	338.736,6160	797,002	207°34'15"	136°58'19"	19,2681	-2,9979
136	TN	7.944.419,4997	338.741,5938	795,342	188°38'28"	118°02'32"	26,2257	-4,6575
137	TN	7.944.425,6840	338.740,3661	795,856	194°40'06"	124°04'10"	20,4088	-4,1439
138	TN	7.944.425,9445	338.740,3045	796,561	195°01'30"	124°25'34"	20,1729	-3,4387
139	TN	7.944.428,8071	338.746,4462	796,636	176°51'32"	106°15'36"	16,6456	-3,3639
140	TN	7.944.427,0179	338.746,3593	794,959	177°26'00"	106°50'04"	18,4282	-5,0409
141	TN	7.944.430,4286	338.753,0315	796,452	153°26'29"	82°50'33"	16,7686	-3,5485
142	TN	7.944.428,9961	338.752,5440	794,997	156°53'46"	86°17'50"	17,8644	-5,0029
143	TN	7.944.423,3648	338.754,9601	795,163	156°51'58"	86°16'02"	23,9921	-4,8365
144	TN	7.944.435,0866	338.752,3413	796,751	146°38'39"	76°02'43"	12,3805	-3,2489
145	TN	7.944.435,8577	338.752,3043	797,910	144°43'22"	74°07'26"	11,7226	-2,0900
146	TN	7.944.444,1072	338.749,7900	798,563	107°14'17"	36°38'21"	4,4561	-1,4371
147	TN	7.944.415,9577	338.758,2023	794,796	156°44'19"	86°08'23"	32,0775	-5,2041
148	TN	7.944.419,1498	338.774,4089	795,299	132°18'15"	61°42'19"	39,0420	-4,7014
149	TN	7.944.420,9906	338.787,8475	795,235	120°00'27"	49°24'31"	48,8630	-4,7653
150	TN	7.944.429,6617	338.777,6518	796,189	116°08'44"	45°32'48"	35,7787	-3,8108
151	TN	7.944.424,2642	338.773,1867	795,497	127°25'41"	56°49'45"	34,8219	-4,5027
152	TN	7.944.422,4146	338.766,6558	795,267	137°27'14"	66°51'18"	31,2366	-4,7328
153	TN	7.944.429,5225	338.759,9790	795,847	137°45'17"	67°09'21"	21,4856	-4,1535
154	TN	7.944.436,9603	338.751,8739	797,740	143°10'36"	72°34'40"	10,5778	-2,2601
155	TN	7.944.436,8057	338.746,7351	797,722	172°04'12"	101°28'16"	8,7052	-2,2784
156	TN	7.944.436,3372	338.741,6616	797,819	203°04'24"	132°28'28"	9,8810	-2,1808
157	TN	7.944.436,1339	338.758,9416	798,327	124°43'44"	54°07'48"	16,3137	-1,6735
158	TN	7.944.438,0654	338.764,1350	798,210	111°35'38"	40°59'42"	20,0049	-1,7901
159	TN	7.944.439,6172	338.772,1538	798,264	102°18'48"	31°42'52"	27,2464	-1,7358
160	TN	7.944.439,9578	338.775,7467	798,469	100°15'43"	29°39'47"	30,7037	-1,5307
161	TN	7.944.443,3560	338.772,2474	798,486	94°26'04"	23°50'08"	26,7935	-1,5142
162	TN	7.944.442,3008	338.761,6573	798,372	100°58'32"	30°22'36"	16,4236	-1,6283
163	TN	7.944.440,9928	338.755,0811	798,257	114°54'59"	44°19'03"	10,5269	-1,7429
164	TN	7.944.445,3814	338.755,0500	798,645	90°16'43"	19°40'47"	9,5161	-1,3547
165	TN	7.944.445,7891	338.781,9899	798,733	89°25'55"	18°49'59"	36,4576	-1,2674
166	TN	7.944.447,7332	338.788,0980	798,913	86°53'58"	16°18'02"	42,6263	-1,0871
167	TN	7.944.448,8259	338.800,1313	799,132	86°26'18"	15°50'22"	54,7028	-0,8682
168	TN	7.944.450,6069	338.818,0204	799,462	85°54'47"	15°18'51"	72,6711	-0,5377
169	TN	7.944.450,6080	338.818,0254	799,462	85°54'45"	15°18'49"	72,6761	-0,5378
170	TN	7.944.440,0241	338.786,5048	798,436	97°30'48"	26°54'52"	41,3256	-1,5644
171	TN	7.944.438,8836	338.786,7624	797,386	99°01'09"	28°25'13"	41,7445	-2,6138
172	TN	7.944.437,3682	338.774,5650	796,639	105°30'56"	34°55'00"	30,1288	-3,3612
173	TN	7.944.436,6372	338.766,1268	796,365	113°06'59"	42°31'03"	22,3904	-3,6346
174	TN	7.944.435,1469	338.758,5070	796,239	128°23'46"	57°47'50"	16,5526	-3,7609
175	TN	7.944.443,7378	338.749,1212	801,094	115°13'30"	44°37'34"	3,9652	1,0940
176	TN	7.944.432,0574	338.791,6231	797,561	106°10'38"	35°34'42"	47,9892	-2,4390
177	TN	7.944.434,7052	338.807,9874	798,590	99°44'31"	29°08'35"	63,3671	-1,4097
178	TN	7.944.436,6214	338.817,9688	799,263	96°55'54"	26°19'58"	72,9681	-0,7370

Meridiano	Datum	Hemisf.
-45°00'00"	SIRGAS2000	Sul

Nome	Descrição	Norte	Este	Cota
E1	E	7.944.445,4277	338.745,5341	800,000

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
179	TN	7.944.445,6446	338.805,0505	799,128	89°47'28"	19°11'32"	59,5168	-0,8722
180	TN	7.944.448,4036	338.819,4961	799,697	87°41'45"	17°05'49"	74,0219	-0,3035
181	TN	7.944.446,3602	338.747,3728	800,321	63°06'31"	352°30'35"	2,0616	0,3215
182	TN	7.944.446,8627	338.747,2247	800,434	49°40'33"	339°04'37"	2,2175	0,4336
183	TN	7.944.450,0397	338.756,0760	800,840	66°22'16"	355°46'20"	11,5066	0,8401
184	TN	7.944.449,3196	338.755,8020	800,797	69°14'29"	358°38'33"	10,9808	0,7966
185	TN	7.944.451,6217	338.779,0221	799,004	79°31'15"	8°55'19"	34,0560	-0,9959
186	TN	7.944.454,4604	338.768,5812	801,569	68°35'55"	357°59'59"	24,7539	1,5690
187	TN	7.944.453,4721	338.768,6514	801,342	70°48'47"	0°12'51"	24,4770	1,3418
188	TN	7.944.449,6948	338.770,6429	799,070	80°21'18"	9°45'22"	25,4688	-0,9300
189	TN	7.944.448,9119	338.770,8694	798,785	82°10'10"	11°34'14"	25,5738	-1,2153
190	TN	7.944.453,3443	338.782,5441	799,177	77°55'34"	7°19'38"	37,8473	-0,8227
191	TN	7.944.458,1401	338.781,5156	801,880	70°32'29"	359°56'33"	38,1612	1,8799
192	TN	7.944.458,9716	338.781,3660	801,944	69°17'39"	358°41'43"	38,3062	1,9436
193	TN	7.944.447,3951	338.812,4725	799,266	88°18'59"	17°43'03"	66,9673	-0,7340
194	TN	7.944.446,5611	338.812,5758	798,923	89°01'53"	18°25'57"	67,0513	-1,0766
195	TN	7.944.446,1110	338.809,7493	799,023	89°23'25"	18°47'29"	64,2189	-0,9771
196	TN	7.944.445,8819	338.809,9333	798,621	89°35'45"	18°59'49"	64,4008	-1,3787
197	TN	7.944.441,5719	338.793,8586	798,746	94°33'43"	23°57'47"	48,4781	-1,2538
198	TN	7.944.441,1862	338.794,1063	797,685	94°59'26"	24°23'30"	48,7570	-2,3150
199	TN	7.944.444,2440	338.803,3512	798,971	91°10'22"	20°34'26"	57,8292	-1,0289
200	TN	7.944.443,9392	338.803,5812	798,470	91°28'08"	20°52'12"	58,0661	-1,5296
201	CX	7.944.446,1239	338.810,1681	798,752	89°22'58"	18°47'02"	64,6378	-1,2484
202	CX	7.944.445,4235	338.810,3059	798,750	90°00'13"	19°24'17"	64,7718	-1,2504
203	CX	7.944.446,2565	338.810,9065	798,761	89°16'25"	18°40'29"	65,3776	-1,2393
204	CX	7.944.445,5576	338.811,0766	798,759	89°53'11"	19°17'15"	65,5426	-1,2413
205	CX	7.944.440,4301	338.808,4871	798,457	94°32'20"	23°56'24"	63,1511	-1,5435
206	CX	7.944.436,4276	338.812,5355	798,767	97°39'02"	27°03'06"	67,6032	-1,2334
207	CX	7.944.429,1536	338.772,7746	795,915	120°51'18"	50°15'22"	31,7315	-4,0849
208	CX	7.944.435,1421	338.791,8368	797,412	102°31'27"	31°55'31"	47,4313	-2,5879
209	TEL	7.944.460,7504	338.809,1473	799,446	76°27'25"	5°51'29"	65,4326	-0,5539
210	TEL	7.944.460,7504	338.809,1473	799,446	76°27'25"	5°51'29"	65,4326	-0,5536
211	TEL	7.944.458,8665	338.802,6976	799,648	76°46'13"	6°10'17"	58,7220	-0,3523
212	TEL	7.944.457,4477	338.798,6171	799,671	77°14'28"	6°38'32"	54,4269	-0,3293
213	TEL	7.944.455,8389	338.791,8865	799,388	77°20'27"	6°44'31"	47,5073	-0,6117
214	TN	7.944.456,4634	338.791,6154	799,484	76°31'56"	5°56'00"	47,3843	-0,5157
215	TN	7.944.458,4774	338.798,5145	799,844	76°09'46"	5°33'50"	54,5638	-0,1565
216	TN	7.944.459,4448	338.802,5792	799,919	76°11'41"	5°35'45"	58,7420	-0,0808
217	TN	7.944.461,6401	338.808,9006	799,731	75°38'55"	5°02'59"	65,4076	-0,2687
218	TN	7.944.463,2797	338.808,2515	800,097	74°06'41"	3°30'45"	65,2087	0,0969
219	TN	7.944.460,9337	338.790,9291	802,252	71°08'27"	0°32'31"	47,9702	2,2520
220	TN	7.944.462,1082	338.790,4628	802,450	69°37'54"	359°01'58"	47,9252	2,4495
221	TN	7.944.462,9821	338.797,0502	802,564	71°10'59"	0°35'03"	54,4249	2,5638
222	TN	7.944.464,2255	338.796,4849	802,675	69°44'56"	359°09'00"	54,3079	2,6749
223	TN	7.944.465,4990	338.807,1165	802,852	71°56'52"	1°20'57"	64,7707	2,8524

Meridiano	Datum	Hemisf.
-45°00'00"	SIRGAS2000	Sul

Nome	Descrição	Norte	Este	Cota
E1	E	7.944.445,4277	338.745,5341	800,000

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
224	TN	7.944.467,7208	338.806,9573	803,113	70°03'07"	359°27'12"	65,3436	3,1130
225	TN	7.944.471,2959	338.818,8197	804,739	70°33'29"	359°57'34"	77,7171	4,7386
226	TN	7.944.469,5210	338.820,3271	804,503	72°08'40"	1°32'45"	78,5779	4,5029
227	MUR	7.944.471,2942	338.818,8468	804,709	70°33'57"	359°58'02"	77,7421	4,7091
228	MUR	7.944.467,7525	338.806,8777	803,099	70°00'07"	359°24'12"	65,2796	3,0989
229	MUR	7.944.464,2388	338.796,4534	802,619	69°43'27"	359°07'32"	54,2829	2,6191
230	MUR	7.944.460,0375	338.784,3470	802,027	69°22'22"	358°46'26"	41,4715	2,0267
231	MUR	7.944.454,4379	338.768,4611	801,502	68°32'43"	357°56'47"	24,6340	1,5024
232	MUR	7.944.444,7552	338.738,0779	800,156	264°50'46"	194°14'50"	7,4865	0,1559
233	MUR	7.944.442,4067	338.727,9301	799,841	260°15'44"	189°39'48"	17,8614	-0,1585
234	TN	7.944.438,7485	338.730,3747	798,616	246°13'19"	175°37'23"	16,5656	-1,3837
235	CX	7.944.431,4161	338.735,3215	797,399	216°05'14"	145°29'18"	17,3385	-2,6009
236	CX	7.944.431,8645	338.736,2248	797,479	214°27'52"	143°51'56"	16,4506	-2,5213
237	CX	7.944.430,0907	338.737,2644	797,470	208°20'01"	137°44'05"	17,4244	-2,5295
238	CX	7.944.429,6381	338.736,4059	797,472	210°01'58"	139°26'02"	18,2383	-2,5278
239	CXE	7.944.442,3988	338.729,2589	799,765	259°27'27"	188°51'31"	16,5546	-0,2348
240	CXE	7.944.442,6487	338.730,0518	799,804	259°49'26"	189°13'30"	15,7298	-0,1961
241	CXE	7.944.442,0403	338.730,2420	799,819	257°30'35"	186°54'39"	15,6628	-0,1810
242	REG	7.944.442,0872	338.728,8681	799,664	258°39'57"	188°04'01"	16,9975	-0,3356
243	TOR	7.944.442,1074	338.729,2638	799,686	258°27'57"	187°52'01"	16,6056	-0,3144
244	CAL	7.944.439,6434	338.726,2918	799,044	253°16'08"	182°40'12"	20,0929	-0,9557
245	CAL	7.944.438,3691	338.729,9704	798,600	245°36'15"	175°00'19"	17,0895	-1,4005
246	CAL	7.944.433,7051	338.729,7825	797,948	233°20'34"	162°44'38"	19,6350	-2,0515
247	CAL	7.944.434,0849	338.732,5677	798,009	228°49'16"	158°13'20"	17,2275	-1,9907
248	MFO	7.944.413,7184	338.741,3707	794,479	187°28'48"	116°52'52"	31,9815	-5,5214
249	MFO	7.944.411,1430	338.733,6880	794,747	199°03'40"	128°27'44"	36,2736	-5,2533
250	MFO	7.944.408,0709	338.729,8241	794,685	202°48'31"	132°12'35"	40,5257	-5,3150
251	MFO	7.944.404,2359	338.722,9318	794,498	208°45'14"	138°09'18"	46,9854	-5,5017
252	MFO	7.944.421,0617	338.713,5176	797,366	232°43'38"	162°07'42"	40,2338	-2,6338
253	MFO	7.944.425,1453	338.720,4625	797,507	231°01'40"	160°25'44"	32,2484	-2,4935
254	MFO	7.944.426,0688	338.724,8938	797,326	226°50'05"	156°14'09"	28,2982	-2,6740
255	MFO	7.944.431,0573	338.731,1510	797,371	225°01'31"	154°25'35"	20,3319	-2,6289
256	MFO	7.944.439,8343	338.726,0398	798,955	253°59'26"	183°23'30"	20,2809	-1,0455
257	MFO	7.944.441,0901	338.725,6406	799,170	257°41'59"	187°06'03"	20,3608	-0,8304
258	MFO	7.944.443,8199	338.727,1621	799,517	264°59'55"	194°23'59"	18,4422	-0,4830
259	MFO	7.944.439,8714	338.716,7362	799,592	259°04'46"	188°28'50"	29,3290	-0,4075
260	MFO	7.944.439,5266	338.713,5933	799,711	259°31'57"	188°56'01"	32,4814	-0,2894
261	MFO	7.944.438,1036	338.704,1670	799,998	259°57'35"	189°21'39"	42,0104	-0,0019
262	MFO	7.944.446,1183	338.693,3053	801,370	270°45'27"	200°09'31"	52,2333	1,3699
263	MFO	7.944.444,8713	338.686,4588	801,663	269°27'37"	198°51'41"	59,0779	1,6632
264	MFO	7.944.447,2565	338.695,8729	801,359	272°06'32"	201°30'36"	49,6948	1,3593
265	MFO	7.944.452,6733	338.728,3533	800,639	292°51'59"	222°16'03"	18,6462	0,6385
266	MFO	7.944.454,6107	338.736,5750	800,851	315°42'26"	245°06'30"	12,8294	0,8513
267	MFO	7.944.434,8857	338.675,2124	801,988	261°28'27"	190°52'31"	71,1075	1,9884
268	MFO	7.944.442,7511	338.675,3875	802,174	267°48'53"	197°12'57"	70,1977	2,1745

Meridiano	Datum	Hemisf.
-45 °00'00"	SIRGAS2000	Sul

Nome	Descrição	Norte	Este	Cota
E1	E	7.944.445,4277	338.745,5341	800,000

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
269	MFO	7.944.447,0099	338.695,6824	801,392	271 °49'04"	201 °13'08"	49,8768	1,3919
270	MFO	7.944.446,0799	338.693,1169	801,357	270 °42'46"	200 °06'50"	52,4213	1,3573
271	MFO	7.944.454,2613	338.695,7948	801,944	280 °04'14"	209 °28'18"	50,5177	1,9440
272	MFO	7.944.452,0929	338.705,1052	801,542	279 °21'42"	208 °45'46"	40,9746	1,5425
273	MFO	7.944.451,1884	338.707,4745	801,317	278 °36'25"	208 °00'29"	38,4931	1,3166
274	MFO	7.944.454,2089	338.709,2862	801,636	283 °37'04"	213 °01'08"	37,2964	1,6365
275	MFO	7.944.447,9209	338.743,9790	800,480	328 °02'45"	257 °26'49"	2,9384	0,4805
276	MFO	7.944.455,7430	338.741,5092	800,947	338 °41'05"	268 °05'09"	11,0727	0,9470
277	MFO	7.944.455,9241	338.767,4547	801,245	64 °24'47"	353 °48'51"	24,3040	1,2449
278	MFO	7.944.463,8175	338.765,7142	801,572	47 °39'27"	337 °03'32"	27,3024	1,5716
279	MFO	7.944.476,9174	338.802,4401	803,285	61 °02'29"	350 °26'34"	65,0377	3,2854
280	BLG	7.944.444,4308	338.728,2223	799,597	266 °42'15"	196 °06'19"	17,3405	-0,4025
281	BLG	7.944.444,5168	338.728,2897	798,926	266 °58'34"	196 °22'38"	17,2685	-1,0741
282	MUR	7.944.437,5003	338.701,1670	800,653	259 °52'10"	189 °16'14"	45,0698	0,6528
283	MUR	7.944.423,6062	338.708,7877	799,719	239 °17'47"	168 °41'51"	42,7373	-0,2805
284	CER	7.944.476,8166	338.794,0031	804,854	57 °04'21"	346 °28'26"	57,7452	4,8536
285	CER	7.944.478,5172	338.800,8143	804,812	59 °05'46"	348 °29'51"	64,4268	4,8115
286	CER	7.944.481,4782	338.810,5808	805,372	61 °00'13"	350 °24'18"	74,3688	5,3724
287	CER	7.944.483,6418	338.817,4895	806,714	62 °01'41"	351 °25'46"	81,4733	6,7139
288	MFO	7.944.483,3705	338.824,1931	806,304	64 °14'55"	353 °39'00"	87,3321	6,3040
289	MFO	7.944.487,2213	338.837,1125	808,244	65 °28'10"	354 °52'15"	100,6643	8,2436
290	TN	7.944.428,0922	338.813,2253	795,681	104 °21'52"	33 °45'56"	69,8757	-4,3191
291	TN	7.944.465,8232	338.822,2583	800,551	75 °06'48"	4 °30'53"	79,3888	0,5510