

Nome	Descrição	Norte	Este	Cota
GPS1	E	8.939.393,4760	194.848,7710	92,085

Nome	Descrição	Norte	Este	Cota	Azimute	AH	DH	Desnível
1	EDF	8.939.347,2073	194.898,1186	92,065	133°09'20"	356°53'01"	67,6460	-0,0200
2	POST	8.939.346,1363	194.896,8721	92,031	134°32'34"	358°16'15"	67,4890	-0,0541
3	MF	8.939.345,2762	194.897,1434	92,038	134°53'51"	358°37'32"	68,2870	-0,0466
4	MF	8.939.340,2084	194.889,6260	92,025	142°30'45"	6°14'26"	67,1310	-0,0602
5	EDF	8.939.340,4416	194.886,7075	91,974	144°25'23"	8°09'04"	65,2060	-0,1111
6	EDF	8.939.356,0769	194.874,0605	92,050	145°55'59"	9°39'40"	45,1470	-0,0350
7	EDF	8.939.371,1560	194.879,4510	92,051	126°02'10"	349°45'51"	37,9400	-0,0342
8	EDF	8.939.379,0386	194.872,9356	92,013	120°51'24"	344°35'05"	28,1490	-0,0724
9	POST	8.939.370,5024	194.877,0735	92,057	129°04'00"	352°47'41"	36,4530	-0,0284
10	POST	8.939.392,4916	194.859,5873	91,959	95°12'01"	318°55'42"	10,8610	-0,1263
11	POST	8.939.403,8752	194.861,9604	91,618	51°44'45"	275°28'26"	16,7960	-0,4668
12	EDF	8.939.408,5755	194.874,1545	91,444	59°15'12"	282°58'53"	29,5350	-0,6407
13	EDF	8.939.386,8103	194.886,4966	91,265	100°01'12"	323°44'53"	38,3100	-0,8203
14	EDF	8.939.412,5517	194.880,6949	91,461	59°08'24"	282°52'05"	37,1890	-0,6236
15	EDF	8.939.425,9170	194.876,9871	91,602	41°00'56"	264°44'37"	42,9950	-0,4826
16	RESEVATO	8.939.420,7658	194.867,9550	91,617	35°06'22"	258°50'03"	33,3580	-0,4680
17	RESEVATO	8.939.415,6117	194.858,8154	91,776	24°24'24"	248°08'05"	24,3080	-0,3092
18	RESEVATO	8.939.436,1017	194.847,1625	91,314	357°50'20"	221°34'01"	42,6560	-0,7712
19	MF	8.939.414,0162	194.860,8093	91,696	30°22'26"	254°06'07"	23,8080	-0,3894
20	MF	8.939.415,1717	194.861,6885	91,715	30°46'09"	254°29'50"	25,2500	-0,3705
21	MF	8.939.417,2317	194.861,6725	91,691	28°30'21"	252°14'02"	27,0330	-0,3942
22	MF	8.939.419,2180	194.865,1406	91,693	32°27'09"	256°10'50"	30,5060	-0,3921
23	MF	8.939.418,1803	194.866,8721	91,566	36°13'50"	259°57'31"	30,6260	-0,5191
24	MF	8.939.418,7137	194.869,0251	91,504	38°44'53"	262°28'34"	32,3600	-0,5809
25	MF	8.939.423,9051	194.878,1641	91,339	44°00'28"	267°44'09"	42,3070	-0,7463
26	MF	8.939.415,6947	194.881,9976	91,236	56°13'45"	279°57'26"	39,9710	-0,8492
27	PV-AP	8.939.412,9971	194.871,2830	91,522	49°04'12"	272°47'53"	29,7970	-0,5631
28	PV-FD	8.939.413,0488	194.871,3427	90,534	49°04'12"	272°47'53"	29,8760	-1,5512
29	PV-FD	8.939.403,9247	194.855,4519	90,956	32°35'41"	256°19'22"	12,4020	-1,1288
30	PV-AP	8.939.403,8066	194.855,3432	91,974	32°27'50"	256°11'31"	12,2440	-0,1113
31	MF	8.939.410,1611	194.854,6844	91,847	19°30'54"	243°14'35"	17,7020	-0,2376
32	MF	8.939.407,5134	194.852,0089	91,932	12°59'20"	236°43'01"	14,4060	-0,1526
33	MF	8.939.403,7057	194.849,7452	92,002	5°26'23"	229°10'04"	10,2760	-0,0828
34	MF	8.939.399,1304	194.848,5189	92,020	357°26'51"	221°10'32"	5,6600	-0,0654
35	MF	8.939.389,2059	194.850,4465	92,155	158°34'34"	22°18'15"	4,5870	0,0704
36	MF	8.939.385,8756	194.852,7349	92,121	152°27'23"	16°11'04"	8,5720	0,0365
37	MF	8.939.381,5043	194.856,2767	92,118	147°54'50"	11°38'31"	14,1300	0,0330
38	MF	8.939.387,2113	194.863,3402	92,046	113°16'03"	336°59'44"	15,8590	-0,0394
39	MF	8.939.391,8626	194.859,5196	92,120	98°32'12"	322°15'53"	10,8690	0,0354
40	MF	8.939.394,2553	194.858,0293	92,135	85°11'19"	308°55'00"	9,2910	0,0499
41	MF	8.939.397,4522	194.857,4561	92,064	65°24'02"	289°07'43"	9,5520	-0,0207
42	MF	8.939.401,1401	194.858,7544	91,797	52°29'13"	276°12'54"	12,5860	-0,2881
43	MF	8.939.403,0324	194.860,0812	91,861	49°48'15"	273°31'56"	14,8070	-0,2242
44	MF	8.939.404,6044	194.862,3726	91,784	50°42'39"	274°26'20"	17,5740	-0,3006
45	HDRANTE	8.939.377,3930	194.857,2409	92,152	152°13'37"	15°57'18"	18,1770	0,0674
46	TN	8.939.357,7727	194.874,6110	92,012	144°06'18"	7°49'59"	44,0730	-0,0730
47	TN	8.939.350,4461	194.863,8152	91,913	160°43'45"	24°27'26"	45,5840	-0,1722
48	TN	8.939.342,5510	194.854,6133	92,222	173°27'19"	37°11'00"	51,2590	0,1370

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49	EDF	8.939.340,2037	194.854,5704	92,207	173°47'13"	37°30'54"	53,5870	0,1219
50	TN	8.939.348,2497	194.849,4200	92,312	179°10'40"	42°54'21"	45,2310	0,2270
51	TN	8.939.356,1561	194.856,8814	92,084	167°44'20"	31°28'01"	38,1910	-0,0009
52	TN	8.939.366,1454	194.867,1490	91,916	146°04'54"	9°48'35"	32,9350	-0,1694
53	TN	8.939.373,5695	194.860,8296	91,910	148°47'38"	12°31'19"	23,2740	-0,1749
54	TN	8.939.366,6103	194.852,5055	92,002	172°05'10"	35°48'51"	27,1240	-0,0826
55	TN	8.939.359,1904	194.842,2084	92,434	190°50'09"	54°33'50"	34,9080	0,3494
56	EDF	8.939.363,4901	194.836,0567	92,786	202°58'38"	66°42'19"	32,5700	0,7013
57	TN	8.939.352,0462	194.811,6940	93,132	221°49'35"	85°33'16"	55,5980	1,0469
58	TN	8.939.358,3334	194.819,4128	92,891	219°52'31"	83°36'12"	45,7920	0,8062
59	TN	8.939.364,1223	194.827,1111	92,733	216°25'24"	80°09'05"	36,4800	0,6475
60	TN	8.939.369,7725	194.835,1850	92,495	209°49'11"	73°32'52"	27,3210	0,4097
61	TN	8.939.375,6744	194.842,9087	92,187	198°13'38"	61°57'19"	18,7420	0,1016
62	TN	8.939.382,6304	194.851,4768	92,149	165°59'29"	29°43'10"	11,1780	0,0638
63	TN	8.939.392,3175	194.845,6479	92,109	249°38'52"	113°22'33"	3,3310	0,0236
64	TN	8.939.385,7923	194.836,0330	92,243	238°54'03"	102°37'44"	14,8760	0,1582
65	TN	8.939.380,3779	194.826,2569	92,543	239°48'37"	103°32'18"	26,0470	0,4579
66	TN	8.939.373,1146	194.815,6678	92,718	238°24'17"	102°07'58"	38,8640	0,6326
67	TN	8.939.364,1874	194.804,8174	93,154	236°19'20"	100°03'01"	52,8180	1,0686
68	TN	8.939.372,6760	194.796,7793	93,218	248°11'43"	111°55'24"	55,9980	1,1335
69	TN	8.939.380,5827	194.808,1081	92,731	252°24'26"	116°08'07"	42,6580	0,6462
70	TN	8.939.387,5465	194.818,1712	92,563	259°02'00"	122°45'41"	31,1690	0,4781
71	TN	8.939.394,5628	194.826,8429	92,221	272°50'14"	136°33'55"	21,9550	0,1357
72	TN	8.939.400,7764	194.837,6370	91,892	303°15'08"	166°58'49"	13,3140	-0,1925
73	TN	8.939.406,9660	194.847,5187	91,890	354°41'47"	218°25'28"	13,5480	-0,1946
74	TN	8.939.414,4571	194.857,4256	91,768	22°24'57"	246°08'38"	22,6960	-0,3168
75	TN	8.939.425,4436	194.851,8020	91,291	5°24'58"	229°08'39"	32,1110	-0,7943
76	TN	8.939.419,0927	194.841,1056	91,552	343°20'27"	207°04'08"	26,7390	-0,5331
77	TN	8.939.412,8070	194.831,5683	91,991	318°20'02"	182°03'43"	25,8770	-0,0941
78	TN	8.939.407,0534	194.820,9147	92,229	295°59'06"	159°42'47"	30,9890	0,1435
79	TN	8.939.400,9228	194.811,4691	92,446	281°17'23"	145°01'04"	38,0380	0,3608
80	TN	8.939.394,5855	194.802,8854	92,713	271°23'06"	135°06'47"	45,8990	0,6282
81	TN	8.939.386,0521	194.793,6487	92,925	262°19'46"	126°03'27"	55,6200	0,8402
82	TN	8.939.400,8638	194.786,8904	93,359	276°48'29"	140°32'10"	62,3200	1,2741
83	TN	8.939.405,8631	194.797,6051	92,570	283°36'33"	147°20'14"	52,6440	0,4847
84	TN	8.939.411,2483	194.805,5990	92,470	292°22'30"	156°06'11"	46,6870	0,3848
85	MURO	8.939.410,3452	194.801,2726	92,658	289°33'09"	153°16'50"	50,4050	0,5733
86	MURO	8.939.419,3022	194.817,3251	92,263	309°23'45"	173°07'26"	40,6920	0,1781
87	TN	8.939.417,3055	194.816,3108	92,267	306°16'58"	170°00'39"	40,2680	0,1819
88	TN	8.939.422,0151	194.825,1834	91,903	320°25'34"	184°09'15"	37,0250	-0,1821
89	MURO	8.939.426,2022	194.829,4421	91,947	329°25'58"	193°09'39"	38,0080	-0,1377
90	TN	8.939.428,1958	194.834,8197	91,692	338°06'30"	201°50'11"	37,4180	-0,3929
91	TN	8.939.434,7418	194.846,1654	91,354	356°23'13"	220°06'54"	41,3480	-0,7309
92	POST	8.939.361,3192	194.803,6822	93,313	234°30'14"	98°13'55"	55,3810	1,2277
93	MF	8.939.364,7235	194.800,5656	93,205	239°11'08"	102°54'49"	56,1290	1,1199
94	MF	8.939.377,1930	194.790,6072	93,292	254°21'37"	118°05'18"	60,4000	1,2070
95	MF	8.939.379,5548	194.789,9232	93,280	256°41'26"	120°25'07"	60,4720	1,1947
96	MF	8.939.382,0904	194.790,3613	93,282	258°58'11"	122°41'52"	59,5090	1,1970

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97	MF	8.939.385,8711	194.792,3482	93,245	262°19'25"	126°03'06"	56,9330	1,1597
98	MF	8.939.389,0268	194.792,7574	93,320	265°27'30"	129°11'11"	56,1900	1,2348
99	MF	8.939.391,4202	194.792,3434	93,287	267°54'48"	131°38'29"	56,4650	1,2016
100	MF	8.939.394,0781	194.790,9691	93,275	270°35'48"	134°19'29"	57,8050	1,1901
101	MF	8.939.396,4791	194.787,8600	93,342	272°49'21"	136°33'02"	60,9850	1,2569
102	MF	8.939.397,4998	194.784,3425	93,311	273°34'25"	137°18'06"	64,5540	1,2261
103	MF	8.939.397,1575	194.781,4125	93,369	273°07'42"	136°51'23"	67,4590	1,2844
104	MF	8.939.396,0438	194.778,7271	93,381	272°05'58"	135°49'39"	70,0910	1,2960
105	MF	8.939.393,9323	194.776,5554	93,335	270°21'43"	134°05'24"	72,2170	1,2503
106	MF	8.939.390,7320	194.774,9410	93,346	267°52'17"	131°35'58"	73,8810	1,2607
107	MF	8.939.387,0474	194.774,7617	93,332	265°02'08"	128°45'49"	74,2880	1,2470
108	MF	8.939.383,3673	194.776,2410	93,330	262°03'56"	125°47'37"	73,2310	1,2447
109	POST	8.939.394,5295	194.776,7577	93,385	270°50'17"	134°33'58"	72,0210	1,2996
110	MURO	8.939.390,7062	194.768,5908	93,505	268°01'17"	131°44'58"	80,2280	1,4196
111	MF	8.939.362,1899	194.793,5913	93,232	240°26'50"	104°10'31"	63,4320	1,1469

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E1	E	8.939.370,3168	194.794,2352	93,245

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112	EDF	8.939.348,2041	194.816,9198	93,181	134°16'06"	67°16'39"	31,6790	-0,0641
113	EDF	8.939.356,4360	194.827,2260	93,052	112°49'07"	45°49'40"	35,7920	-0,1927
114	EDF	8.939.316,8239	194.841,7046	93,206	138°24'51"	71°25'24"	71,5180	-0,0389
115	MF	8.939.315,6060	194.840,4151	93,213	139°49'59"	72°50'32"	71,5950	-0,0323
116	MF	8.939.311,4141	194.834,7005	93,163	145°30'41"	78°31'14"	71,4630	-0,0818
117	MURO	8.939.310,5791	194.833,4774	93,505	146°41'55"	79°42'28"	71,4740	0,2599
118	POST	8.939.332,3932	194.827,1067	93,236	139°04'54"	72°05'27"	50,1870	-0,0096
119	MURO	8.939.333,7578	194.814,7939	93,250	150°38'56"	83°39'29"	41,9430	0,0047
120	MF	8.939.334,8876	194.815,6378	93,214	148°51'50"	81°52'23"	41,3920	-0,0314
121	MF	8.939.339,7840	194.820,8298	93,224	138°56'36"	71°57'09"	40,4910	-0,0208