

Meridiano	Datum	Hemisf.
-39°00'00"	SAD-69	Sul

Nome	Descrição	Norte	Este	Cota
TRP008	EST	8.910.768,821	707.909,796	143,106

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
R001	RI0	8.910.879,625	707.876,119	138,143	343°05'40"	226°19'41"	115,81	-4,96
R002	RI0	8.910.881,278	707.883,503	138,149	346°50'25"	230°04'26"	115,49	-4,96
R003	RI0	8.910.879,825	707.896,386	137,755	353°06'42"	236°20'43"	111,81	-5,35
R004	RI0	8.910.871,078	707.912,426	138,217	1°28'25"	244°42'26"	102,29	-4,89
C647	CERCA	8.910.866,832	707.887,197	138,859	347°00'58"	230°14'59"	100,58	-4,25
C648	CERCA	8.910.857,511	707.897,969	139,092	352°24'15"	235°38'16"	89,48	-4,01
E336	EIXO	8.910.859,127	707.901,752	138,813	354°54'35"	238°08'36"	90,66	-4,29
E337	EIXO	8.910.843,208	707.903,180	140,013	354°55'04"	238°09'05"	74,68	-3,09
C649	CERCA	8.910.842,349	707.908,471	140,595	358°58'03"	242°12'04"	73,54	-2,51
C650	CERCA	8.910.841,396	707.914,465	141,099	3°40'52"	246°54'53"	72,73	-2,01
C651	CERCA	8.910.825,521	707.900,265	140,843	350°27'28"	233°41'29"	57,50	-2,26
C652	CERCA	8.910.805,967	707.898,319	141,386	342°49'49"	226°03'50"	38,88	-1,72
C653	CERCA	8.910.804,036	707.905,726	141,783	353°24'25"	236°38'26"	35,45	-1,32
E338	EIXO	8.910.804,477	707.902,291	141,350	348°06'50"	231°20'51"	36,44	-1,76
F219	CASA	8.910.816,551	707.891,838	140,831	339°22'55"	222°36'56"	51,00	-2,28
E339	EIXO	8.910.794,548	707.902,948	141,639	345°05'44"	228°19'45"	26,62	-1,47
E340	EIXO	8.910.786,035	707.905,507	142,042	346°00'30"	229°14'31"	17,74	-1,06
C654	CERCA	8.910.787,738	707.908,150	142,056	355°01'42"	238°15'43"	18,99	-1,05
C655	CERCA	8.910.785,230	707.901,913	142,091	334°20'19"	217°34'20"	18,20	-1,02
C656	CERCA	8.910.777,122	707.914,164	142,807	27°45'06"	270°59'07"	9,38	-0,30
F220	CASA	8.910.776,217	707.919,302	143,027	52°07'00"	295°21'01"	12,04	-0,08
F221	CASA	8.910.775,796	707.928,650	143,598	69°41'56"	312°55'57"	20,10	0,49
AV014	ARVORE	8.910.772,207	707.921,467	143,341	73°49'10"	317°03'11"	12,15	0,23
AV015	ARVORE	8.910.751,346	707.914,262	143,611	165°39'51"	48°53'52"	18,04	0,50
C658	CERCA	8.910.752,863	707.889,763	141,937	231°27'38"	114°41'39"	25,61	-1,17
C659	CERCA	8.910.741,399	707.886,388	142,097	220°29'07"	103°43'08"	36,05	-1,01
D080	POSTE	8.910.751,732	707.890,347	141,987	228°41'45"	111°55'46"	25,89	-1,12
F222	CASA	8.910.739,772	707.889,624	142,286	214°46'36"	98°00'37"	35,37	-0,82
F223	CASA	8.910.741,923	707.911,275	143,359	176°51'14"	60°05'15"	26,94	0,25
F224	CASA	8.910.741,265	707.915,984	143,708	167°20'40"	50°34'41"	28,24	0,60
F225	CASA	8.910.745,627	707.923,138	144,149	150°05'26"	33°19'27"	26,76	1,04
F226	CASA	8.910.744,113	707.930,875	144,649	139°31'55"	22°45'56"	32,48	1,54
E341	EIXO	8.910.760,867	707.919,351	143,347	129°46'36"	13°00'37"	12,43	0,24
E342	EIXO	8.910.752,110	707.927,736	144,212	132°58'08"	16°12'09"	24,52	1,11
C660	CERCA	8.910.762,389	707.935,959	144,412	103°48'40"	347°02'41"	26,94	1,31
C661	CERCA	8.910.749,548	707.955,292	146,091	112°57'30"	356°11'31"	49,41	2,98
E343	EIXO	8.910.741,422	707.951,230	145,844	123°28'30"	6°42'31"	49,67	2,74
F227	CASA	8.910.737,672	707.940,876	145,357	135°03'49"	18°17'50"	44,00	2,25
F228	CASA	8.910.736,456	707.945,093	145,684	132°31'06"	15°45'07"	47,89	2,58
F229	CASA	8.910.736,779	707.950,093	146,191	128°29'24"	11°43'25"	51,48	3,09
AV016	ARVORE	8.910.746,716	707.920,709	144,063	153°43'29"	36°57'30"	24,65	0,96
AV017	ARVORE	8.910.740,476	707.938,947	145,300	134°11'48"	17°25'49"	40,66	2,19
AV018	ARVORE	8.910.739,805	707.944,184	145,549	130°09'27"	13°23'28"	44,99	2,44
D081	POSTE	8.910.733,940	707.957,444	146,866	126°12'23"	9°26'24"	59,05	3,76
D082	POSTE	8.910.725,892	707.986,961	148,187	119°05'18"	2°19'19"	88,30	5,08

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TRP008	EST	8.910.768,821	707.909,796	143,106

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C662	CERCA	8.910.739,562	707.973,038	147,155	114°49'40"	358°03'41"	69,68	4,05
E344	EIXO	8.910.735,295	707.972,189	147,381	118°15'04"	1°29'05"	70,83	4,28
F230	CASA	8.910.751,374	707.978,090	147,085	104°19'51"	347°33'52"	70,49	3,98
F231	CASA	8.910.725,774	707.985,605	148,216	119°35'22"	2°49'23"	87,18	5,11
F232	CASA	8.910.754,253	707.994,050	148,413	99°48'36"	343°02'37"	85,50	5,31
F233	CASA	8.910.750,222	707.999,539	148,590	101°42'31"	344°56'32"	91,65	5,48
F234	CASA	8.910.735,088	708.004,839	149,094	109°32'28"	352°46'29"	100,85	5,99
C663	CERCA	8.910.739,627	707.992,111	148,373	109°31'39"	352°45'40"	87,34	5,27
E345	EIXO	8.910.733,891	707.991,204	148,042	113°13'23"	356°27'24"	88,58	4,94
AV019	ARVORE	8.910.723,597	707.997,070	149,049	117°23'33"	0°37'34"	98,30	5,94
AV020	ARVORE	8.910.722,382	708.022,260	150,149	112°26'13"	355°40'14"	121,67	7,04
F235	CASA	8.910.720,939	708.025,990	150,461	112°23'46"	355°37'47"	125,67	7,36
F236	CASA	8.910.709,629	708.017,935	150,308	118°41'42"	1°55'43"	123,28	7,20
E346	EIXO	8.910.715,473	708.024,916	150,559	114°51'50"	358°05'51"	126,88	7,45
D083	POSTE	8.910.705,356	708.028,324	151,089	118°10'00"	1°24'01"	134,45	7,98
F237	CASA	8.910.695,253	708.043,975	152,241	118°44'07"	1°58'08"	153,02	9,14
F238	CASA	8.910.699,176	708.066,946	153,534	113°54'07"	357°08'08"	171,89	10,43
E347	EIXO	8.910.709,194	708.041,647	151,889	114°20'02"	357°34'03"	144,71	8,78
E348	EIXO	8.910.690,408	708.061,137	152,776	117°23'23"	0°37'24"	170,45	9,67
D084	POSTE	8.910.687,880	708.058,698	152,923	118°31'41"	1°45'42"	169,48	9,82
F239	CASA	8.910.691,362	708.079,321	153,945	114°33'24"	357°47'25"	186,38	10,84

Nome	Descrição	Norte	Este	Cota
TRP007	EST	8.910.660,311	708.124,925	156,764

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP094		8.910.576,121	708.155,317	156,393	160°09'04"	223°23'06"	89,51	-0,37
F240	CASA	8.910.675,485	708.058,681	153,291	282°54'07"	346°08'09"	67,96	-3,47
C664	CERCA	8.910.679,309	708.054,601	153,017	285°07'04"	348°21'06"	72,85	-3,75
C665	CERCA	8.910.686,052	708.057,369	153,106	290°51'30"	354°05'32"	72,29	-3,66
F241	CASA	8.910.702,899	708.061,243	153,094	303°46'22"	7°00'24"	76,61	-3,67
F242	CASA	8.910.697,435	708.058,381	152,625	299°09'24"	2°23'26"	76,20	-4,14
F243	CASA	8.910.692,244	708.067,686	153,234	299°09'24"	2°23'26"	65,54	-3,53
F244	CASA	8.910.658,403	708.080,476	154,379	267°32'32"	330°46'34"	44,49	-2,39
F245	CASA	8.910.654,820	708.093,826	154,983	259°59'10"	323°13'12"	31,58	-1,78
AV021	ARVORE	8.910.673,976	708.069,156	153,941	283°46'03"	347°00'05"	57,42	-2,82
AV022	ARVORE	8.910.667,521	708.077,375	154,649	278°37'18"	341°51'20"	48,09	-2,11
AV023	ARVORE	8.910.665,264	708.090,857	155,679	278°16'18"	341°30'20"	34,43	-1,09
E349	EIXO	8.910.679,585	708.069,886	153,649	289°17'57"	352°31'59"	58,32	-3,11
E350	EIXO	8.910.669,133	708.093,660	155,114	285°45'30"	348°59'32"	32,49	-1,65
D085	POSTE	8.910.667,911	708.089,766	155,196	282°11'51"	345°25'53"	35,97	-1,57
AV024	ARVORE	8.910.683,255	708.088,136	154,628	301°57'01"	5°11'03"	43,36	-2,14
AV025	ARVORE	8.910.669,701	708.109,694	156,113	301°39'19"	4°53'21"	17,89	-0,65
E351	EIXO	8.910.663,979	708.109,933	155,837	283°44'57"	346°58'59"	15,43	-0,93
AV026	ARVORE	8.910.655,510	708.108,566	155,957	253°38'43"	316°52'45"	17,05	-0,81

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TRP007	EST	8.910.660,311	708.124,925	156,764

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV027	ARVORE	8.910.653,720	708.116,068	156,257	233°20'45"	296°34'47"	11,04	-0,51
F246	CASA	8.910.654,620	708.108,898	155,988	250°27'02"	313°41'04"	17,01	-0,78
F247	CASA	8.910.652,843	708.114,910	156,278	233°17'24"	296°31'26"	12,49	-0,49
F248	CASA	8.910.651,504	708.119,391	156,331	212°08'30"	275°22'32"	10,40	-0,43
F249	CASA	8.910.649,530	708.125,595	156,682	176°26'29"	239°40'31"	10,80	-0,08
F250	CASA	8.910.679,661	708.106,068	155,648	315°44'22"	18°58'24"	27,02	-1,12
C666	CERCA	8.910.690,306	708.115,523	156,091	342°35'47"	45°49'49"	31,43	-0,67
C667	CERCA	8.910.686,166	708.130,596	157,140	12°22'17"	75°36'19"	26,47	0,38
C668	CERCA	8.910.685,062	708.140,339	157,677	31°54'49"	95°08'51"	29,16	0,91
D086	POSTE	8.910.683,544	708.138,856	157,482	30°56'54"	94°10'56"	27,09	0,72
E352	EIXO	8.910.685,141	708.135,169	157,197	22°25'14"	85°39'16"	26,86	0,43
E353	EIXO	8.910.672,531	708.122,562	156,468	349°03'21"	52°17'23"	12,45	-0,30
E354	EIXO	8.910.662,390	708.133,114	157,081	75°45'07"	138°59'09"	8,45	0,32
E355	EIXO	8.910.648,544	708.132,147	157,037	148°27'36"	211°41'38"	13,81	0,27
C669	CERCA	8.910.650,519	708.135,437	157,406	132°58'10"	196°12'12"	14,37	0,64
C670	CERCA	8.910.642,671	708.128,915	156,774	167°15'22"	230°29'24"	18,09	0,01
C671	CERCA	8.910.614,839	708.134,689	156,540	167°52'52"	231°06'54"	46,51	-0,22
C672	CERCA	8.910.612,241	708.143,314	156,988	159°03'58"	222°18'00"	51,47	0,22
E356	EIXO	8.910.612,088	708.140,522	156,691	162°04'35"	225°18'37"	50,68	-0,07

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TP094	EST	8.910.576,121	708.155,317	156,393

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP096		8.910.532,515	708.231,629	156,743	119°44'38"	139°35'34"	87,89	0,35
F251	CASA	8.910.615,124	708.129,240	156,365	326°14'03"	346°04'59"	46,92	-0,03
F252	CASA	8.910.608,877	708.132,290	156,247	324°53'37"	344°44'33"	40,04	-0,15
AV028	ARVORE	8.910.613,073	708.135,215	156,447	331°27'16"	351°18'12"	42,07	0,05
D087	POSTE	8.910.607,112	708.136,840	156,359	329°11'50"	349°02'46"	36,08	-0,03
E357	EIXO	8.910.591,018	708.152,137	156,634	347°56'59"	7°47'55"	15,23	0,24
C673	CERCA	8.910.593,066	708.155,213	157,046	359°39'00"	19°29'56"	16,95	0,65
C674	CERCA	8.910.578,366	708.166,372	157,018	78°31'15"	98°22'11"	11,28	0,63
E358	EIXO	8.910.575,614	708.164,180	156,653	93°16'17"	113°07'13"	8,88	0,26
AV029	ARVORE	8.910.581,198	708.149,498	156,281	311°06'27"	330°57'23"	7,72	-0,11
AV030	ARVORE	8.910.572,427	708.160,912	156,483	123°25'45"	143°16'41"	6,70	0,09
F253	CASA	8.910.588,891	708.137,903	156,042	306°15'21"	326°06'17"	21,59	-0,35
F254	CASA	8.910.575,231	708.144,588	156,094	265°15'41"	285°06'37"	10,77	-0,30
F255	CASA	8.910.566,878	708.160,724	156,302	149°40'25"	169°31'21"	10,71	-0,09
E359	EIXO	8.910.558,884	708.182,663	156,725	122°13'25"	142°04'21"	32,33	0,33
C675	CERCA	8.910.564,277	708.186,281	157,119	110°55'55"	130°46'51"	33,15	0,73
AV031	ARVORE	8.910.546,176	708.194,694	156,709	127°15'06"	147°06'02"	49,47	0,32
E360	EIXO	8.910.546,445	708.202,721	156,507	122°02'50"	141°53'46"	55,93	0,11
F256	CASA	8.910.542,906	708.197,521	156,669	128°12'10"	148°03'06"	53,71	0,28
F257	CASA	8.910.549,235	708.205,057	156,757	118°23'33"	138°14'29"	56,54	0,36
F258	CASA	8.910.535,556	708.207,646	156,431	127°46'56"	147°37'52"	66,21	0,04

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F259	CASA	8.910.531,637	708.213,783	156,150	127°15'55"	147°06'51"	73,47	-0,24
F260	CASA	8.910.528,997	708.219,522	155,931	126°16'38"	146°07'34"	79,64	-0,46
F261	CASA	8.910.525,306	708.225,702	155,756	125°49'38"	145°40'34"	86,81	-0,64
F262	CASA	8.910.542,760	708.216,141	156,772	118°44'38"	138°35'34"	69,37	0,38
F263	CASA	8.910.546,882	708.211,408	157,118	117°31'53"	137°22'49"	63,25	0,72
D088	POSTE	8.910.544,715	708.210,121	156,674	119°48'53"	139°39'49"	63,17	0,28

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TP096	EST	8.910.532,515	708.231,629	156,743

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E361	EIXO	8.910.534,268	708.219,528	156,068	278°14'28"	338°29'50"	12,23	-0,68
C676	CERCA	8.910.539,986	708.223,470	156,986	312°28'48"	12°44'10"	11,06	0,24
C677	CERCA	8.910.521,339	708.235,690	155,730	160°01'58"	220°17'20"	11,89	-1,01
C678	CERCA	8.910.532,711	708.240,766	157,360	88°46'16"	149°01'38"	9,14	0,62
E362	EIXO	8.910.524,200	708.236,909	155,725	147°35'08"	207°50'30"	9,85	-1,02
E363	EIXO	8.910.519,021	708.247,820	155,540	129°48'34"	190°03'56"	21,08	-1,20
C679	CERCA	8.910.517,337	708.247,072	155,597	134°30'16"	194°45'38"	21,65	-1,15
C680	CERCA	8.910.515,223	708.263,842	155,411	118°13'42"	178°29'04"	36,56	-1,33
C681	CERCA	8.910.524,294	708.265,001	156,522	103°50'23"	164°05'45"	34,37	-0,22
E364	EIXO	8.910.517,554	708.264,352	155,481	114°34'15"	174°49'37"	35,98	-1,26
E365	EIXO	8.910.513,591	708.285,220	155,680	109°26'57"	169°42'19"	56,83	-1,06
C682	CERCA	8.910.508,948	708.282,884	155,404	114°41'36"	174°56'58"	56,41	-1,34
C683	CERCA	8.910.516,191	708.285,972	155,940	106°43'11"	166°58'33"	56,74	-0,80
C684	CERCA	8.910.503,128	708.321,040	157,133	108°11'41"	168°27'03"	94,12	0,39
C685	CERCA	8.910.496,626	708.317,403	155,870	112°42'20"	172°57'42"	92,98	-0,87
E366	EIXO	8.910.498,920	708.318,824	155,853	111°04'17"	171°19'39"	93,44	-0,89
E367	EIXO	8.910.489,660	708.346,436	156,474	110°28'11"	170°43'33"	122,54	-0,27
C686	CERCA	8.910.492,186	708.349,182	157,036	108°56'09"	169°11'31"	124,28	0,29
C687	CERCA	8.910.485,806	708.345,372	156,565	112°19'33"	172°34'55"	122,96	-0,18
C688	CERCA	8.910.472,773	708.382,166	156,465	111°38'47"	171°54'09"	161,96	-0,28
C689	CERCA	8.910.479,313	708.384,588	156,972	109°10'44"	169°26'06"	161,95	0,23
E368	EIXO	8.910.477,105	708.383,534	156,536	110°02'26"	170°17'48"	161,70	-0,21
F264	CASA	8.910.464,311	708.386,230	155,891	113°48'20"	174°03'42"	168,98	-0,85
C690	CERCA	8.910.460,261	708.419,240	156,656	111°03'47"	171°19'09"	201,04	-0,09
C691	CERCA	8.910.465,329	708.420,887	156,879	109°32'42"	169°48'04"	200,83	0,14
E369	EIXO	8.910.462,503	708.419,845	156,498	110°24'15"	170°39'37"	200,82	-0,25
E370	EIXO	8.910.451,127	708.446,920	156,995	110°42'31"	170°57'53"	230,16	0,25
C692	CERCA	8.910.447,741	708.444,842	157,089	111°40'59"	171°56'21"	229,45	0,35
C693	CERCA	8.910.453,710	708.453,360	157,226	109°33'57"	169°49'19"	235,32	0,48
AV032	ARVORE	8.910.440,511	708.463,457	156,990	111°38'47"	171°54'09"	249,42	0,25
C694	CERCA	8.910.435,633	708.467,817	156,737	112°18'11"	172°33'33"	255,29	-0,01
C695	CERCA	8.910.441,003	708.472,327	157,135	110°49'00"	171°04'22"	257,51	0,39
E371	EIXO	8.910.439,343	708.470,635	156,993	111°17'51"	171°33'13"	256,52	0,25
E372	EIXO	8.910.417,493	708.496,929	156,022	113°26'22"	173°41'44"	289,16	-0,72

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Nome	Descrição	Norte	Este	Cota
TP096	EST	8.910.532,515	708.231,629	156,743

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C696	CERCA	8.910.419,084	708.502,699	156,605	112°42'26"	172°57'48"	293,85	-0,14
C697	CERCA	8.910.417,328	708.493,254	156,080	113°45'46"	174°01'08"	285,86	-0,66
C698	CERCA	8.910.389,791	708.517,571	154,794	116°31'32"	176°46'54"	319,58	-1,95
C699	CERCA	8.910.386,290	708.524,581	154,750	116°31'33"	176°46'55"	327,42	-1,99
E373	EIXO	8.910.388,385	708.520,714	154,703	116°29'59"	176°45'21"	323,02	-2,04
E374	EIXO	8.910.356,554	708.529,522	155,385	120°34'11"	180°49'33"	345,98	-1,36
C700	CERCA	8.910.358,682	708.526,335	155,517	120°32'04"	180°47'26"	342,15	-1,23
C701	CERCA	8.910.354,275	708.537,478	156,209	120°13'57"	180°29'19"	354,00	-0,53
C702	CERCA	8.910.324,219	708.541,380	159,001	123°55'10"	184°10'32"	373,27	2,26
C703	CERCA	8.910.333,754	708.530,204	158,278	123°39'06"	183°54'28"	358,68	1,54
E375	EIXO	8.910.328,569	708.533,720	158,125	124°01'26"	184°16'48"	364,49	1,38
E376	EIXO	8.910.316,798	708.530,650	159,204	125°48'26"	186°03'48"	368,71	2,46
C704	CERCA	8.910.318,119	708.529,290	159,195	125°45'51"	186°01'13"	366,84	2,45
C705	CERCA	8.910.315,082	708.536,626	159,703	125°29'07"	185°44'29"	374,57	2,96
C706	CERCA	8.910.310,975	708.562,496	160,092	123°48'19"	184°03'41"	398,19	3,35
C707	CERCA	8.910.321,298	708.563,981	158,843	122°26'13"	182°41'35"	393,79	2,10
E377	EIXO	8.910.314,359	708.563,478	159,652	123°19'15"	183°34'37"	397,13	2,91
E378	EIXO	8.910.306,101	708.576,884	160,230	123°15'23"	183°30'45"	412,87	3,49
C708	CERCA	8.910.303,977	708.575,419	160,678	123°36'52"	183°52'14"	412,82	3,93
C709	CERCA	8.910.308,077	708.579,415	160,156	122°50'08"	183°05'30"	413,92	3,41
C710	CERCA	8.910.334,890	708.551,581	157,509	121°42'09"	181°57'31"	376,07	0,77
E379	EIXO	8.910.328,287	708.549,677	158,249	122°42'21"	182°57'43"	377,97	1,51
F265	CASA	8.910.310,509	708.555,531	160,216	124°25'38"	184°41'00"	392,68	3,47
F266	CASA	8.910.336,347	708.559,442	157,723	120°53'49"	181°09'11"	382,03	0,98

Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C711	CERCA	8.910.705,916	708.142,554	157,924	214°13'30"	5°59'10"	57,98	-2,22
C712	CERCA	8.910.698,828	708.150,362	158,463	204°15'45"	356°01'25"	60,36	-1,68
E380	EIXO	8.910.702,979	708.145,211	157,763	210°29'16"	2°14'56"	59,04	-2,38
F267	CASA	8.910.701,724	708.152,133	159,114	203°50'10"	355°35'50"	56,99	-1,03
F268	CASA	8.910.709,415	708.156,686	159,170	202°34'39"	354°20'19"	48,13	-0,97
F269	CASA	8.910.715,285	708.160,377	159,573	200°58'37"	352°44'17"	41,31	-0,57
F270	CASA	8.910.720,653	708.163,880	159,175	198°46'17"	350°31'57"	35,07	-0,97
F271	CASA	8.910.726,218	708.167,553	159,325	195°23'52"	347°09'32"	28,67	-0,82
F272	CASA	8.910.731,834	708.171,297	159,778	189°57'37"	341°43'17"	22,36	-0,36
F273	CASA	8.910.738,036	708.175,547	160,356	178°36'45"	330°22'25"	15,82	0,21
AV032	ARVORE	8.910.734,073	708.168,061	159,350	199°45'02"	351°30'42"	21,02	-0,79
AV033	ARVORE	8.910.741,773	708.162,044	159,408	227°21'32"	19°07'12"	17,83	-0,73
AV034	ARVORE	8.910.728,024	708.149,723	158,572	224°33'52"	16°19'32"	36,26	-1,57
AV035	ARVORE	8.910.713,723	708.146,312	158,266	215°42'51"	7°28'31"	49,43	-1,88
D089	POSTE	8.910.720,500	708.159,821	158,579	204°42'06"	356°27'46"	36,71	-1,56
E381	EIXO	8.910.724,894	708.154,347	158,578	215°42'30"	7°28'10"	35,67	-1,56

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Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E382	EIXO	8.910.739,079	708.165,818	159,259	212°18'48"	4°04'28"	17,48	-0,88
E383	EIXO	8.910.750,839	708.177,805	159,957	138°46'34"	290°32'14"	4,01	-0,18
E384	EIXO	8.910.753,066	708.167,562	159,470	264°04'57"	55°50'37"	7,64	-0,67
E385	EIXO	8.910.744,539	708.155,465	158,732	244°41'26"	36°27'06"	21,79	-1,41
E386	EIXO	8.910.758,124	708.157,814	158,597	283°49'34"	75°35'14"	17,87	-1,54
C713	CERCA	8.910.752,929	708.152,992	158,581	267°36'33"	59°22'13"	22,19	-1,56
C714	CERCA	8.910.731,937	708.148,636	158,380	230°26'11"	22°11'51"	34,41	-1,76
C715	CERCA	8.910.759,360	708.161,289	158,863	291°38'36"	83°24'16"	14,93	-1,28
F274	CASA	8.910.759,294	708.147,967	157,895	281°18'38"	73°04'18"	27,74	-2,25
F275	CASA	8.910.764,828	708.149,549	158,028	293°11'27"	84°57'07"	27,87	-2,11
F276	CASA	8.910.775,374	708.150,894	157,517	311°33'49"	103°19'29"	32,44	-2,62
F277	CASA	8.910.780,740	708.152,472	157,669	319°50'10"	111°35'50"	35,18	-2,47
E387	EIXO	8.910.787,498	708.154,696	157,588	328°41'04"	120°26'44"	39,38	-2,55
C716	CERCA	8.910.787,560	708.152,085	157,614	325°36'01"	117°21'41"	40,85	-2,53
C717	CERCA	8.910.786,595	708.158,177	158,077	332°34'40"	124°20'20"	36,89	-2,06
C718	CERCA	8.910.799,189	708.157,402	157,239	338°36'18"	130°21'58"	48,69	-2,90
C719	CERCA	8.910.801,148	708.151,552	156,810	333°28'07"	125°13'47"	52,86	-3,33
E388	EIXO	8.910.800,690	708.154,530	156,640	336°13'24"	127°59'04"	51,18	-3,50
F278	CASA	8.910.773,995	708.174,556	160,012	358°16'20"	150°02'00"	20,15	-0,13
D090	POSTE	8.910.750,872	708.183,007	160,313	110°49'05"	262°34'45"	8,39	0,17
C720	CERCA	8.910.750,634	708.184,026	160,445	109°58'17"	261°43'57"	9,43	0,30
C721	CERCA	8.910.765,153	708.193,326	161,221	58°06'54"	209°52'34"	21,39	1,08
E389	EIXO	8.910.756,627	708.188,155	160,669	77°57'16"	229°42'56"	13,28	0,53
E390	EIXO	8.910.758,538	708.214,756	162,551	83°15'15"	235°00'55"	39,87	2,41
E391	EIXO	8.910.771,207	708.212,880	162,676	65°17'37"	217°03'17"	41,52	2,53
D091	POSTE	8.910.755,696	708.211,808	162,405	87°07'20"	238°53'00"	36,69	2,26
M001	MEIO FIU	8.910.755,979	708.214,988	162,488	86°56'47"	238°42'27"	39,88	2,35
M002	MEIO FIU	8.910.761,308	708.219,411	162,808	80°26'16"	232°11'56"	44,87	2,67
M003	MEIO FIU	8.910.769,959	708.218,538	162,997	69°37'51"	221°23'31"	46,27	2,86
M004	MEIO FIU	8.910.775,170	708.212,244	162,441	60°06'27"	211°52'07"	42,77	2,30
F279	CASA	8.910.782,487	708.200,234	161,642	41°12'15"	192°57'55"	38,06	1,50
F280	CASA	8.910.789,558	708.209,748	162,195	44°05'16"	195°50'56"	49,71	2,05
F281	CASA	8.910.788,851	708.224,197	163,071	54°29'00"	206°14'40"	60,24	2,93
F282	CASA	8.910.788,446	708.236,354	163,932	60°31'13"	212°16'53"	70,29	3,79
AV036	ARVORE	8.910.784,867	708.231,987	163,823	61°22'30"	213°08'10"	64,74	3,68
AV037	ARVORE	8.910.780,113	708.239,820	164,207	67°53'48"	219°39'28"	69,78	4,07
D092	POSTE	8.910.785,108	708.242,524	164,250	65°06'36"	216°52'16"	74,26	4,11
M005	MEIO FIU	8.910.779,098	708.237,698	164,182	68°01'01"	219°46'41"	67,44	4,04
M006	MEIO FIU	8.910.772,190	708.237,685	164,114	73°39'20"	225°25'00"	65,15	3,97
E392	EIXO	8.910.775,816	708.237,740	164,145	70°39'39"	222°25'19"	66,32	4,00
E393	EIXO	8.910.761,036	708.239,155	164,151	83°35'48"	235°21'28"	64,39	4,01
M007	MEIO FIU	8.910.763,111	708.239,081	164,231	81°45'34"	233°31'14"	64,58	4,09
M008	MEIO FIU	8.910.758,590	708.239,399	164,082	85°47'01"	237°32'41"	64,41	3,94
F283	CASA	8.910.756,493	708.222,260	163,041	86°47'35"	238°33'15"	47,17	2,90
F284	CASA	8.910.758,241	708.241,645	164,396	86°13'30"	237°59'10"	66,63	4,25

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Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F285	CASA	8.910.759,762	708.253,096	165,180	85°39'54"	237°25'34"	78,16	5,04
F286	CASA	8.910.765,657	708.257,710	165,479	81°51'47"	233°37'27"	83,39	5,34
F287	CASA	8.910.773,183	708.257,157	165,297	76°44'07"	228°29'47"	84,24	5,16
M009	MEIO FIU	8.910.764,246	708.249,071	164,834	81°59'47"	233°45'27"	74,63	4,69
M010	MEIO FIU	8.910.773,240	708.248,572	164,703	75°12'25"	226°58'05"	75,92	4,56
M011	MEIO FIU	8.910.773,793	708.254,636	165,037	75°54'57"	227°40'37"	81,94	4,90
M012	MEIO FIU	8.910.764,941	708.255,222	165,171	82°06'56"	233°52'36"	80,82	5,03
M013	MEIO FIU	8.910.765,080	708.258,021	165,329	82°17'04"	234°02'44"	83,61	5,19
M014	MEIO FIU	8.910.760,643	708.258,297	165,379	85°19'54"	237°05'34"	83,41	5,24
D093	POSTE	8.910.760,127	708.256,749	165,413	85°36'13"	237°21'53"	81,83	5,27
E394	EIXO	8.910.763,023	708.258,300	165,408	83°42'23"	235°28'03"	83,64	5,27
F288	CASA	8.910.787,865	708.246,450	164,906	64°29'38"	216°15'18"	78,98	4,76
AV038	ARVORE	8.910.786,085	708.254,549	165,118	67°54'09"	219°39'49"	85,68	4,98
AV039	ARVORE	8.910.782,246	708.264,217	165,952	72°19'01"	224°04'41"	93,47	5,81
F289	CASA	8.910.787,032	708.274,049	166,302	71°27'09"	223°12'49"	104,30	6,16
E395	EIXO	8.910.778,099	708.264,215	165,788	74°46'13"	226°31'53"	92,29	5,65
M015	MEIO FIU	8.910.774,781	708.264,103	165,675	76°45'36"	228°31'16"	91,37	5,53
M016	MEIO FIU	8.910.781,703	708.264,055	165,738	72°36'18"	224°21'58"	93,15	5,60
C910	CERCA	8.910.832,515	706.932,221	169,368	273°37'16"	65°22'57"	1.245,43	9,23
C911	CERCA	8.910.837,844	706.935,737	169,561	273°52'36"	65°38'17"	1.242,27	9,42
E501	EIXO	8.910.833,794	706.933,682	169,261	273°41'03"	65°26'44"	1.244,05	9,12
E502	EIXO	8.910.822,079	706.961,343	168,542	273°13'01"	64°58'42"	1.215,74	8,40
C912	CERCA	8.910.824,756	706.962,920	168,789	273°20'50"	65°06'31"	1.214,32	8,65
C913	CERCA	8.910.820,519	706.960,836	168,516	273°08'32"	64°54'13"	1.216,16	8,37
F384	CASA	8.910.818,335	706.952,421	168,642	273°01'07"	64°46'48"	1.224,44	8,50
C914	CERCA	8.910.810,038	706.992,243	167,179	272°43'09"	64°28'50"	1.184,25	7,04
C915	CERCA	8.910.805,069	706.989,661	167,155	272°28'25"	64°14'06"	1.186,61	7,01
E503	EIXO	8.910.807,704	706.991,616	166,572	272°36'18"	64°21'59"	1.184,77	6,43
E504	EIXO	8.910.793,905	707.017,210	165,105	271°58'51"	63°44'32"	1.158,65	4,96
C916	CERCA	8.910.796,856	707.019,458	165,769	272°07'51"	63°53'32"	1.156,51	5,63
C917	CERCA	8.910.791,588	707.017,085	165,785	271°51'58"	63°37'39"	1.158,69	5,64
C918	CERCA	8.910.775,340	707.049,733	164,062	271°05'37"	62°51'18"	1.125,64	3,92
C919	CERCA	8.910.782,604	707.049,564	164,184	271°27'47"	63°13'28"	1.125,97	4,04
C920	CERCA	8.910.785,972	707.053,252	164,176	271°38'23"	63°24'04"	1.122,37	4,03
C921	CERCA	8.910.779,525	707.055,527	163,787	271°18'48"	63°04'29"	1.119,93	3,65
C922	CERCA	8.910.796,519	707.058,816	163,946	272°11'19"	63°57'00"	1.117,16	3,80
C923	CERCA	8.910.796,956	707.055,631	164,348	272°12'17"	63°57'58"	1.120,36	4,21
E505	EIXO	8.910.796,584	707.057,542	163,918	272°11'22"	63°57'03"	1.118,44	3,78
E506	EIXO	8.910.777,579	707.052,015	163,112	271°12'36"	62°58'17"	1.123,40	2,97
F385	CASA	8.910.776,521	707.019,860	165,405	271°07'26"	62°53'07"	1.155,53	5,26
F386	CASA	8.910.762,218	707.054,458	163,774	270°25'39"	62°11'20"	1.120,74	3,63
C924	CERCA	8.910.763,571	707.074,713	162,417	270°30'21"	62°16'02"	1.100,49	2,28
C925	CERCA	8.910.767,618	707.077,970	162,569	270°43'07"	62°28'48"	1.097,28	2,43
E507	EIXO	8.910.765,081	707.076,268	161,971	270°35'07"	62°20'48"	1.098,95	1,83
E508	EIXO	8.910.749,420	707.108,678	159,466	269°45'42"	61°31'23"	1.066,50	-0,68

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Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C926	CERCA	8.910.750,137	707.112,865	159,968	269°47'58"	61°33'39"	1.062,31	-0,17
C927	CERCA	8.910.745,257	707.111,877	160,126	269°32'12"	61°17'53"	1.063,32	-0,02
C928	CERCA	8.910.737,747	707.143,055	158,058	269°06'21"	60°52'02"	1.032,24	-2,08
C929	CERCA	8.910.730,981	707.141,965	157,997	268°43'54"	60°29'35"	1.033,45	-2,14
E509	EIXO	8.910.733,921	707.142,694	157,437	268°53'38"	60°39'19"	1.032,66	-2,70
F387	CASA	8.910.719,226	707.145,132	157,670	268°04'28"	59°50'09"	1.030,61	-2,47
F388	CASA	8.910.719,034	707.142,396	157,903	268°04'08"	59°49'49"	1.033,36	-2,24
F389	CASA	8.910.716,419	707.178,614	155,419	267°50'55"	59°36'36"	997,25	-4,72
C930	CERCA	8.910.727,603	707.183,101	155,485	268°29'03"	60°14'44"	992,41	-4,66
C931	CERCA	8.910.722,279	707.180,512	155,337	268°10'54"	59°56'35"	995,15	-4,80
E510	EIXO	8.910.725,211	707.181,752	155,272	268°20'54"	60°06'35"	993,83	-4,87
F390	CASA	8.910.713,430	707.198,057	155,010	267°37'51"	59°23'32"	977,94	-5,13
F391	CASA	8.910.714,606	707.214,776	153,562	267°39'35"	59°25'16"	961,19	-6,58
C932	CERCA	8.910.716,650	707.217,325	153,908	267°46'32"	59°32'13"	958,56	-6,23
C933	CERCA	8.910.722,745	707.220,142	153,681	268°08'03"	59°53'44"	955,53	-6,46
E511	EIXO	8.910.719,584	707.218,995	153,365	267°56'50"	59°42'31"	956,78	-6,78
AV061	ARVORE	8.910.714,565	707.234,545	152,441	267°36'29"	59°22'10"	941,44	-7,70
F392	CASA	8.910.708,263	707.237,833	152,455	267°12'55"	58°58'36"	938,44	-7,69
C934	CERCA	8.910.712,467	707.243,581	152,410	267°27'22"	59°13'03"	932,50	-7,73
C935	CERCA	8.910.716,915	707.245,297	152,581	267°43'30"	59°29'11"	930,60	-7,56
E512	EIXO	8.910.714,174	707.244,767	152,311	267°33'28"	59°19'09"	931,24	-7,83
E513	EIXO	8.910.707,352	707.271,303	150,920	267°03'17"	58°48'58"	905,06	-9,22
C936	CERCA	8.910.705,308	707.270,794	151,131	266°55'38"	58°41'19"	905,67	-9,01
C937	CERCA	8.910.710,061	707.272,361	151,311	267°13'22"	58°59'03"	903,86	-8,83
C938	CERCA	8.910.703,035	707.302,540	149,964	266°40'01"	58°25'42"	874,10	-10,18
C939	CERCA	8.910.698,565	707.303,227	150,297	266°22'18"	58°07'59"	873,69	-9,84
E514	EIXO	8.910.700,450	707.303,369	150,332	266°29'40"	58°15'21"	873,43	-9,81
E515	EIXO	8.910.696,885	707.322,306	149,937	266°10'42"	57°56'23"	854,76	-10,20
C940	CERCA	8.910.698,872	707.322,281	149,805	266°18'41"	58°04'22"	854,65	-10,34
C941	CERCA	8.910.693,660	707.324,992	149,857	265°57'00"	57°42'41"	852,30	-10,28
C942	CERCA	8.910.709,596	707.345,954	150,237	266°56'41"	58°42'22"	830,39	-9,90
C943	CERCA	8.910.705,886	707.348,451	149,740	266°40'45"	58°26'26"	828,10	-10,40
E516	EIXO	8.910.707,984	707.347,555	149,958	266°49'39"	58°35'20"	828,88	-10,18
F393	CASA	8.910.701,275	707.353,780	150,051	266°20'14"	58°05'55"	823,07	-10,09
F394	CASA	8.910.713,053	707.385,314	150,145	267°02'34"	58°48'15"	790,90	-10,00
F395	CASA	8.910.713,776	707.389,418	149,843	267°04'48"	58°50'29"	786,77	-10,30
C944	CERCA	8.910.722,613	707.380,572	151,177	267°44'54"	59°30'35"	795,21	-8,96
C945	CERCA	8.910.726,116	707.378,706	150,869	268°00'19"	59°46'00"	796,94	-9,27
E517	EIXO	8.910.724,616	707.379,863	150,655	267°53'40"	59°39'21"	795,84	-9,49
E518	EIXO	8.910.736,216	707.406,414	150,751	268°41'08"	60°26'49"	768,95	-9,39
C946	CERCA	8.910.738,535	707.405,805	151,123	268°51'33"	60°37'14"	769,51	-9,02
C947	CERCA	8.910.734,139	707.406,848	150,819	268°31'48"	60°17'29"	768,57	-9,32
F396	CASA	8.910.731,277	707.413,809	150,619	268°18'05"	60°03'46"	761,69	-9,52
F397	CASA	8.910.756,074	707.412,454	151,918	270°10'00"	61°55'41"	762,71	-8,22
F398	CASA	8.910.752,849	707.430,953	151,207	269°55'21"	61°41'02"	744,21	-8,93

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Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F399	CASA	8.910.737,862	707.442,684	150,512	268°44'57"	60°30'38"	732,65	-9,63
C948	CERCA	8.910.743,375	707.436,387	150,820	269°11'14"	60°56'55"	738,85	-9,32
C949	CERCA	8.910.747,587	707.435,026	150,972	269°30'53"	61°16'34"	740,16	-9,17
E519	EIXO	8.910.745,554	707.435,560	150,762	269°21'25"	61°07'06"	739,65	-9,38
F400	CASA	8.910.740,306	707.454,754	150,209	268°55'21"	60°41'02"	720,54	-9,93
F401	CASA	8.910.759,698	707.453,998	150,835	270°27'51"	62°13'32"	721,19	-9,31
C950	CERCA	8.910.756,753	707.464,457	150,262	270°14'01"	61°59'42"	710,71	-9,88
C951	CERCA	8.910.751,468	707.465,715	150,173	269°48'26"	61°34'07"	709,45	-9,97
E520	EIXO	8.910.754,327	707.465,283	150,162	270°02'17"	61°47'58"	709,88	-9,98
F402	CASA	8.910.752,808	707.478,591	149,890	269°54'50"	61°40'31"	696,57	-10,25
F403	CASA	8.910.764,382	707.476,860	150,227	270°51'49"	62°37'30"	698,38	-9,91
F404	CASA	8.910.769,122	707.484,882	150,223	271°16'01"	63°01'42"	690,45	-9,92
C952	CERCA	8.910.763,789	707.487,892	149,836	270°49'41"	62°35'22"	687,34	-10,31
C953	CERCA	8.910.759,237	707.488,710	149,843	270°26'57"	62°12'38"	686,47	-10,30
E521	EIXO	8.910.762,224	707.489,154	149,622	270°41'56"	62°27'37"	686,06	-10,52
F405	CASA	8.910.770,216	707.498,208	149,649	271°23'04"	63°08'45"	677,15	-10,49
C954	CERCA	8.910.770,264	707.510,081	149,255	271°24'48"	63°10'29"	665,29	-10,89
C955	CERCA	8.910.766,155	707.512,513	148,980	271°03'48"	62°49'29"	662,77	-11,16
E522	EIXO	8.910.768,189	707.512,206	148,921	271°14'19"	63°00'00"	663,11	-11,22
F406	CASA	8.910.779,810	707.533,526	148,949	272°18'59"	64°04'40"	642,16	-11,19
C956	CERCA	8.910.778,559	707.540,993	148,321	272°13'51"	63°59'32"	634,65	-11,82
C957	CERCA	8.910.775,772	707.543,424	148,302	271°59'13"	63°44'54"	632,12	-11,84
E523	EIXO	8.910.777,330	707.542,015	148,245	272°07'24"	63°53'05"	633,58	-11,90
E524	EIXO	8.910.792,920	707.565,329	148,038	273°39'55"	65°25'36"	611,08	-12,10
C958	CERCA	8.910.794,708	707.563,590	148,198	273°49'18"	65°34'59"	612,94	-11,94
C959	CERCA	8.910.790,580	707.567,663	147,793	273°27'34"	65°13'15"	608,61	-12,35
F407	CASA	8.910.801,061	707.559,909	148,729	274°23'15"	66°08'56"	617,06	-11,41
F408	CASA	8.910.804,807	707.563,665	149,058	274°45'47"	66°31'28"	613,62	-11,08
F409	CASA	8.910.794,532	707.581,419	147,382	273°55'09"	65°40'50"	595,14	-12,76
TRP007		8.910.660,303	708.124,921	156,767	208°14'19"	360°00'00"	106,19	-3,37
TRP007_apagantigo		8.910.855,998	708.204,157	156,762	15°50'48"	142°03'00"	106,18	-3,38
C960	CERCA	8.910.810,149	707.596,550	147,476	275°33'25"	41°45'37"	581,35	-12,67
C961	CERCA	8.910.814,642	707.590,284	147,927	275°56'01"	42°08'13"	588,03	-12,21
E525	EIXO	8.910.813,434	707.597,640	147,255	275°53'24"	42°05'36"	580,59	-12,89
F410	CASA	8.910.806,852	707.607,490	146,555	275°20'01"	41°32'13"	570,14	-13,59
C962	CERCA	8.910.813,899	707.619,731	146,265	276°10'12"	42°22'24"	558,67	-13,88
C963	CERCA	8.910.819,211	707.644,453	144,806	277°01'14"	43°13'26"	534,72	-15,33
C964	CERCA	8.910.825,774	707.645,634	145,132	277°44'04"	43°56'16"	534,39	-15,01
E526	EIXO	8.910.822,977	707.646,400	144,636	277°26'52"	43°39'04"	533,26	-15,51
E527	EIXO	8.910.832,110	707.690,059	143,079	279°09'50"	45°22'02"	491,38	-17,06
C965	CERCA	8.910.834,533	707.690,318	143,077	279°26'51"	45°39'03"	491,51	-17,06
C966	CERCA	8.910.829,887	707.694,522	142,789	278°59'21"	45°11'33"	486,62	-17,35
C967	CERCA	8.910.866,663	707.711,160	143,105	283°39'53"	49°52'05"	477,52	-17,04
C968	CERCA	8.910.871,048	707.706,085	143,715	284°01'39"	50°13'51"	483,50	-16,43
C969	CERCA	8.910.874,644	707.716,886	143,398	284°45'57"	50°58'09"	473,93	-16,74

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Nome	Descrição	Norte	Este	Cota
TP095	EST	8.910.753,854	708.175,164	160,141

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E528	EIXO	8.910.870,547	707.709,165	143,196	284°03'31"	50°15'43"	480,39	-16,94
E529	EIXO	8.910.865,719	707.737,974	141,417	284°21'09"	50°33'21"	451,27	-18,72
C970	CERCA	8.910.868,397	707.739,269	141,719	284°43'23"	50°55'35"	450,69	-18,42
C971	CERCA	8.910.862,533	707.738,132	141,815	283°57'53"	50°10'05"	450,34	-18,33
C972	CERCA	8.910.858,371	707.763,554	140,686	284°14'51"	50°27'03"	424,67	-19,46
C973	CERCA	8.910.862,360	707.764,583	140,571	284°48'12"	51°00'24"	424,68	-19,57
E530	EIXO	8.910.860,659	707.764,144	140,069	284°33'59"	50°46'11"	424,67	-20,07
E531	EIXO	8.910.856,824	707.783,387	138,998	284°43'33"	50°55'45"	405,08	-21,14
C974	CERCA	8.910.854,405	707.782,716	139,436	284°22'15"	50°34'27"	405,12	-20,70
C975	CERCA	8.910.860,001	707.783,736	139,581	285°10'21"	51°22'33"	405,57	-20,56
C976	CERCA	8.910.852,093	707.803,200	137,878	284°47'40"	50°59'52"	384,72	-22,26
C977	CERCA	8.910.858,367	707.804,439	138,430	285°44'38"	51°56'50"	385,18	-21,71
E532	EIXO	8.910.855,765	707.804,757	138,143	285°23'00"	51°35'12"	384,17	-22,00
TP109_apaga		8.910.742,077	708.159,074	159,115	233°47'47"	0°00'00"	19,94	-1,03
TRP007		8.910.855,998	708.204,157	156,762	15°50'48"	142°03'00"	106,18	-3,38

Nome	Descrição	Norte	Este	Cota
TP097	EST	8.910.774,763	708.354,857	170,071

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M017	MEIO FIU	8.910.767,043	708.276,793	166,286	264°21'09"	0°59'22"	78,44	-3,78
M018	MEIO FIU	8.910.763,276	708.277,707	166,376	261°31'52"	358°10'05"	78,00	-3,69
F290	CASA	8.910.762,907	708.282,596	167,008	260°40'56"	357°19'09"	73,23	-3,06
AV040	ARVORE	8.910.761,634	708.268,360	166,012	261°22'09"	358°00'22"	87,49	-4,06
AV041	ARVORE	8.910.767,293	708.279,489	166,524	264°20'24"	0°58'37"	75,74	-3,55
M019	MEIO FIU	8.910.775,256	708.276,554	166,548	270°21'38"	6°59'51"	78,30	-3,52
M020	MEIO FIU	8.910.782,226	708.290,782	166,955	276°38'36"	13°16'49"	64,51	-3,12
M021	MEIO FIU	8.910.775,363	708.291,274	167,141	270°32'28"	7°10'41"	63,59	-2,93
E396	EIXO	8.910.779,068	708.292,073	167,095	273°55'22"	10°33'35"	62,93	-2,98
E397	EIXO	8.910.779,194	708.316,561	168,398	276°36'02"	13°14'15"	38,55	-1,67
M022	MEIO FIU	8.910.782,350	708.316,862	168,397	281°17'33"	17°55'46"	38,74	-1,67
M023	MEIO FIU	8.910.775,405	708.316,457	168,286	270°57'28"	7°35'41"	38,41	-1,78
D094	POSTE	8.910.784,342	708.273,511	165,924	276°42'59"	13°21'12"	81,91	-4,15
AV042	ARVORE	8.910.783,396	708.276,684	166,021	276°18'08"	12°56'21"	78,65	-4,05
D095	POSTE	8.910.782,582	708.308,389	168,043	279°33'07"	16°11'20"	47,12	-2,03
F291	CASA	8.910.785,146	708.305,598	168,295	281°54'12"	18°32'25"	50,34	-1,78
F292	CASA	8.910.784,965	708.310,811	168,312	283°02'28"	19°40'41"	45,21	-1,76
F293	CASA	8.910.784,694	708.316,381	168,797	284°28'22"	21°06'35"	39,74	-1,27
F294	CASA	8.910.784,188	708.326,131	169,165	288°09'57"	24°48'10"	30,23	-0,91
F295	CASA	8.910.765,542	708.308,154	168,266	258°49'51"	355°28'04"	47,60	-1,80
F296	CASA	8.910.766,705	708.327,942	169,189	253°19'58"	349°58'11"	28,10	-0,88
AV043	ARVORE	8.910.774,973	708.309,075	167,937	270°15'45"	6°53'58"	45,78	-2,13
AV044	ARVORE	8.910.775,129	708.311,920	168,058	270°29'19"	7°07'32"	42,94	-2,01
AV045	ARVORE	8.910.774,786	708.320,328	168,326	270°02'15"	6°40'28"	34,53	-1,75
AV046	ARVORE	8.910.775,297	708.330,770	168,797	271°16'12"	7°54'25"	24,09	-1,27

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Nome	Descrição	Norte	Este	Cota
TP097	EST	8.910.774,763	708.354,857	170,071

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV047	ARVORE	8.910.783,402	708.334,319	169,260	292°48'51"	29°27'04"	22,28	-0,81
AV048	ARVORE	8.910.783,337	708.340,220	169,396	300°21'39"	36°59'52"	16,96	-0,68
M024	MEIO FIU	8.910.782,700	708.346,112	169,576	312°13'41"	48°51'54"	11,81	-0,50
M025	MEIO FIU	8.910.775,526	708.345,830	169,741	274°49'57"	11°28'10"	9,06	-0,33
E398	EIXO	8.910.779,582	708.345,927	169,645	298°21'24"	34°59'37"	10,15	-0,43
D096	POSTE	8.910.783,057	708.344,395	169,536	308°24'24"	45°02'37"	13,35	-0,54
D097	POSTE	8.910.784,602	708.348,423	169,739	326°49'12"	63°27'25"	11,76	-0,33
C722	CERCA	8.910.784,872	708.347,148	169,641	322°40'20"	59°18'33"	12,71	-0,43
C723	CERCA	8.910.793,282	708.355,698	170,246	2°36'00"	99°14'13"	18,54	0,18
C724	CERCA	8.910.772,512	708.362,261	170,507	106°54'24"	203°32'37"	7,74	0,44
F297	CASA	8.910.770,037	708.347,913	170,048	235°45'44"	332°23'57"	8,40	-0,02
F298	CASA	8.910.773,506	708.357,731	170,287	113°36'29"	210°14'42"	3,14	0,22
F299	CASA	8.910.788,307	708.367,498	170,981	43°01'27"	139°39'40"	18,53	0,91
AV049	ARVORE	8.910.788,761	708.364,178	170,642	33°39'40"	130°17'53"	16,82	0,57
D098	POSTE	8.910.801,379	708.359,570	170,529	10°02'33"	106°40'46"	27,03	0,46
F300	CASA	8.910.806,663	708.361,004	170,571	10°54'30"	107°32'43"	32,49	0,50
F301	CASA	8.910.817,233	708.364,915	170,496	13°19'26"	109°57'39"	43,64	0,43
F302	CASA	8.910.829,546	708.369,675	170,483	15°08'10"	111°46'23"	56,75	0,41
E399	EIXO	8.910.784,231	708.353,109	169,871	349°32'28"	86°10'41"	9,63	-0,20
E400	EIXO	8.910.799,287	708.362,410	170,483	17°07'09"	113°45'22"	25,66	0,41
C725	CERCA	8.910.798,608	708.367,239	170,906	27°26'31"	124°04'44"	26,87	0,83
C726	CERCA	8.910.823,163	708.376,841	171,021	24°25'42"	121°03'55"	53,16	0,95
E401	EIXO	8.910.824,688	708.373,741	170,642	20°43'10"	117°21'23"	53,38	0,57
D099	POSTE	8.910.837,489	708.375,809	170,584	18°28'16"	115°06'29"	66,13	0,51
C727	CERCA	8.910.842,895	708.385,134	170,882	23°57'36"	120°35'49"	74,56	0,81
E402	EIXO	8.910.844,333	708.382,214	170,696	21°27'59"	118°06'12"	74,76	0,62
F303	CASA	8.910.842,253	708.375,120	170,499	16°42'43"	113°20'56"	70,47	0,43
F304	CASA	8.910.849,026	708.378,085	170,562	17°22'09"	114°00'22"	77,81	0,49
F305	CASA	8.910.867,403	708.386,599	169,031	18°54'49"	115°33'02"	97,93	-1,04
D100	POSTE	8.910.870,626	708.390,535	168,910	20°24'51"	117°03'04"	102,29	-1,16

Nome	Descrição	Norte	Este	Cota
TP098	EST	8.910.871,714	708.396,221	169,100

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C728	CERCA	8.910.901,642	708.336,011	164,517	296°25'49"	93°19'29"	67,24	-4,58
C729	CERCA	8.910.897,159	708.334,988	165,013	292°33'55"	89°27'35"	66,31	-4,09
E403	EIXO	8.910.899,256	708.335,065	164,341	294°14'42"	91°08'22"	67,07	-4,76
E404	EIXO	8.910.891,722	708.359,395	165,874	298°30'57"	95°24'37"	41,91	-3,23
C730	CERCA	8.910.888,804	708.359,028	166,101	294°40'42"	91°34'22"	40,93	-3,00
C731	CERCA	8.910.894,011	708.360,087	166,127	301°40'38"	98°34'18"	42,46	-2,97
C732	CERCA	8.910.906,401	708.362,055	165,378	315°26'02"	112°19'42"	48,69	-3,72
F306	CASA	8.910.907,637	708.352,740	164,884	309°33'47"	106°27'27"	56,40	-4,22
F307	CASA	8.910.898,156	708.398,973	167,529	5°56'29"	162°50'09"	26,58	-1,57
D101	POSTE	8.910.886,721	708.397,161	168,365	3°35'09"	160°28'49"	15,04	-0,74

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Nome	Descrição	Norte	Este	Cota
TP098	EST	8.910.871,714	708.396,221	169,100

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E405	EIXO	8.910.878,313	708.391,393	168,362	323°48'28"	120°42'08"	8,18	-0,74
C733	CERCA	8.910.874,546	708.389,553	168,605	293°00'50"	89°54'30"	7,24	-0,49
C734	CERCA	8.910.854,603	708.396,567	170,387	178°50'25"	335°44'05"	17,11	1,29
E406	EIXO	8.910.859,408	708.393,352	169,852	193°07'33"	350°01'13"	12,64	0,75
E407	EIXO	8.910.867,128	708.404,954	169,926	117°42'08"	274°35'48"	9,86	0,83
E408	EIXO	8.910.869,726	708.417,361	170,090	95°22'19"	252°15'59"	21,23	0,99
C735	CERCA	8.910.863,554	708.406,822	170,387	127°35'07"	284°28'47"	13,38	1,29
C736	CERCA	8.910.895,700	708.421,197	169,002	46°09'25"	203°03'05"	34,63	-0,10
C737	CERCA	8.910.877,646	708.423,107	170,187	77°33'26"	234°27'06"	27,53	1,09
F308	CASA	8.910.891,405	708.441,353	170,105	66°25'40"	223°19'20"	49,24	1,00
F309	CASA	8.910.858,597	708.424,889	170,896	114°35'11"	271°28'51"	31,53	1,80
F310	CASA	8.910.855,443	708.431,019	171,336	115°03'32"	271°57'12"	38,41	2,24
F311	CASA	8.910.853,891	708.435,276	171,648	114°31'45"	271°25'25"	42,93	2,55
F312	CASA	8.910.852,512	708.439,046	171,718	114°09'01"	271°02'41"	46,93	2,62
D102	POSTE	8.910.858,031	708.432,605	171,227	110°36'34"	267°30'14"	38,87	2,13
AV050	ARVORE	8.910.861,303	708.437,052	171,658	104°18'11"	261°11'51"	42,14	2,56
E409	EIXO	8.910.864,798	708.436,839	171,010	99°39'47"	256°33'27"	41,20	1,91
C738	CERCA	8.910.871,273	708.439,829	171,247	90°34'45"	247°28'25"	43,61	2,15
C739	CERCA	8.910.864,984	708.466,015	172,584	95°30'28"	252°24'08"	70,12	3,48
F313	CASA	8.910.876,386	708.475,382	172,559	86°37'20"	243°31'00"	79,30	3,46
F314	CASA	8.910.843,813	708.463,397	173,390	112°33'18"	269°26'58"	72,74	4,29
E410	EIXO	8.910.854,267	708.464,055	172,624	104°25'26"	261°19'06"	70,04	3,52
D103	POSTE	8.910.846,044	708.472,405	173,430	108°37'15"	265°30'55"	80,39	4,33
AV051	ARVORE	8.910.857,019	708.476,618	173,661	100°21'27"	257°15'07"	81,73	4,56
E411	EIXO	8.910.843,435	708.488,773	174,444	106°59'25"	263°53'05"	96,78	5,34
F315	CASA	8.910.832,874	708.493,001	174,664	111°52'00"	268°45'40"	104,28	5,56
C740	CERCA	8.910.857,071	708.494,267	174,423	98°29'38"	255°23'18"	99,13	5,32
AV052	ARVORE	8.910.849,460	708.499,154	174,886	102°11'57"	259°05'37"	105,31	5,79
D104	POSTE	8.910.833,228	708.513,739	175,786	108°07'58"	265°01'38"	123,66	6,69
E412	EIXO	8.910.840,846	708.522,391	175,548	103°44'51"	260°38'31"	129,89	6,45
C741	CERCA	8.910.847,392	708.526,451	175,884	100°34'42"	257°28'22"	132,48	6,78
TP097		8.910.774,762	708.354,856	170,069	203°06'20"	360°00'00"	105,41	0,97

Nome	Descrição	Norte	Este	Cota
TP100	EST	8.910.972,209	708.220,213	153,705

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C742	CERCA	8.910.905,646	708.310,268	162,254	126°28'09"	6°44'39"	111,98	8,55
C743	CERCA	8.910.909,091	708.311,044	161,820	124°47'42"	5°04'12"	110,61	8,12
E413	EIXO	8.910.907,522	708.310,582	161,823	125°35'42"	5°52'12"	111,14	8,12
E414	EIXO	8.910.916,735	708.288,177	160,310	129°13'18"	9°29'48"	87,73	6,61
C744	CERCA	8.910.919,007	708.289,308	160,873	127°35'44"	7°52'14"	87,20	7,17
C745	CERCA	8.910.912,947	708.286,710	160,663	131°42'26"	11°58'56"	89,07	6,96
F316	CASA	8.910.906,355	708.287,779	161,583	134°15'53"	14°32'23"	94,35	7,88
D105	POSTE	8.910.926,041	708.274,397	159,663	130°25'57"	10°42'27"	71,19	5,96

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Nome	Descrição	Norte	Este	Cota
TP100	EST	8.910.972,209	708.220,213	153,705

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C746	CERCA	8.910.930,207	708.266,926	159,027	131°57'36"	12°14'06"	62,82	5,32
C747	CERCA	8.910.924,833	708.263,204	158,139	137°46'39"	18°03'09"	63,97	4,43
E416	EIXO	8.910.927,713	708.266,294	158,554	133°59'49"	14°16'19"	64,06	4,85
E417	EIXO	8.910.935,970	708.249,060	156,644	141°28'45"	21°45'15"	46,32	2,94
C748	CERCA	8.910.932,758	708.246,965	157,052	145°51'31"	26°08'01"	47,67	3,35
C749	CERCA	8.910.938,422	708.250,954	157,207	137°42'08"	17°58'38"	45,68	3,50
D106	POSTE	8.910.939,399	708.247,643	157,068	140°06'09"	20°22'39"	42,77	3,36
F317	CASA	8.910.920,420	708.244,549	157,230	154°49'49"	35°06'19"	57,22	3,53
F318	CASA	8.910.923,914	708.235,642	156,806	162°16'56"	42°33'26"	50,70	3,10
C750	CERCA	8.910.949,957	708.229,736	154,923	156°49'49"	37°06'19"	24,20	1,22
C751	CERCA	8.910.942,485	708.227,073	155,235	167°00'11"	47°16'41"	30,51	1,53
C752	CERCA	8.910.949,140	708.220,268	154,326	179°51'48"	60°08'18"	23,07	0,62
E418	EIXO	8.910.950,195	708.223,511	153,977	171°28'43"	51°45'13"	22,26	0,27
E419	EIXO	8.910.925,267	708.213,848	154,842	187°43'15"	67°59'45"	47,37	1,14
C753	CERCA	8.910.926,236	708.211,497	154,851	190°44'05"	71°00'35"	46,79	1,15
C754	CERCA	8.910.923,715	708.217,494	155,556	183°12'29"	63°28'59"	48,57	1,85
C755	CERCA	8.910.897,898	708.200,219	155,252	195°03'32"	75°20'02"	76,95	1,55
C756	CERCA	8.910.881,570	708.197,152	155,337	194°16'29"	74°32'59"	93,53	1,63
E420	EIXO	8.910.894,580	708.201,086	155,117	193°50'29"	74°06'59"	79,95	1,41
E421	EIXO	8.910.869,642	708.188,249	154,831	197°18'32"	77°35'02"	107,43	1,13
C757	CERCA	8.910.868,549	708.190,370	155,289	196°03'37"	76°20'07"	107,87	1,58
C758	CERCA	8.910.871,224	708.186,235	154,987	198°35'46"	78°52'16"	106,55	1,28
C759	CERCA	8.910.846,101	708.173,066	155,191	200°29'55"	80°46'25"	134,63	1,49
C760	CERCA	8.910.843,208	708.177,606	155,455	198°16'39"	78°33'09"	135,86	1,75
E422	EIXO	8.910.844,591	708.175,145	155,165	199°27'01"	79°43'31"	135,34	1,46
E423	EIXO	8.910.819,439	708.161,456	155,733	201°02'14"	81°18'44"	163,68	2,03
C761	CERCA	8.910.817,842	708.164,731	156,176	199°46'09"	80°02'39"	164,03	2,47
C762	CERCA	8.910.821,048	708.159,923	155,714	201°44'40"	82°01'10"	162,74	2,01
D107	POSTE	8.910.960,509	708.219,184	154,153	185°01'26"	65°17'56"	11,75	0,45
C763	CERCA	8.910.962,080	708.225,377	154,280	152°58'55"	33°15'25"	11,37	0,58
E424	EIXO	8.910.963,287	708.223,161	154,088	161°42'39"	41°59'09"	9,40	0,38
E425	EIXO	8.910.959,475	708.205,255	152,781	229°35'27"	109°51'57"	19,64	-0,92
C764	CERCA	8.910.962,203	708.204,294	153,025	237°50'56"	118°07'26"	18,80	-0,68
C765	CERCA	8.910.954,099	708.201,128	152,762	226°30'03"	106°46'33"	26,31	-0,94
F319	CASA	8.910.950,220	708.193,806	152,534	230°12'55"	110°29'25"	34,36	-1,17
F320	CASA	8.910.971,898	708.206,654	152,784	268°41'18"	148°57'48"	13,56	-0,92
C766	CERCA	8.910.962,983	708.180,079	151,133	257°03'17"	137°19'47"	41,18	-2,57
C767	CERCA	8.910.956,028	708.179,939	151,418	248°06'40"	128°23'10"	43,40	-2,29
E426	EIXO	8.910.958,847	708.180,011	150,716	251°36'51"	131°53'21"	42,36	-2,99
E427	EIXO	8.910.981,896	708.226,873	153,091	34°30'38"	274°47'08"	11,76	-0,61
C768	CERCA	8.910.981,443	708.229,128	153,217	43°59'36"	284°16'06"	12,84	-0,49
C769	CERCA	8.910.982,645	708.223,643	153,234	18°11'43"	258°28'13"	10,99	-0,47
C770	CERCA	8.910.983,389	708.209,468	152,524	316°08'17"	196°24'47"	15,51	-1,18
C771	CERCA	8.911.007,416	708.234,907	151,883	22°39'17"	262°55'47"	38,15	-1,82
C772	CERCA	8.911.008,297	708.228,760	151,656	13°19'31"	253°36'01"	37,09	-2,05

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Nome	Descrição	Norte	Este	Cota
TP100	EST	8.910.972,209	708.220,213	153,705

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E428	EIXO	8.911.007,778	708.232,388	151,626	18°53'48"	259°10'18"	37,60	-2,08
F321	CASA	8.911.005,974	708.217,406	151,212	355°14'55"	235°31'25"	33,88	-2,49
C773	CERCA	8.911.035,528	708.234,703	150,958	12°53'23"	253°09'53"	64,96	-2,75
C774	CERCA	8.911.036,609	708.240,653	150,843	17°36'34"	257°53'04"	67,57	-2,86
E429	EIXO	8.911.037,026	708.237,489	150,677	14°55'30"	255°12'00"	67,08	-3,03
E430	EIXO	8.911.058,513	708.242,837	150,439	14°41'23"	254°57'53"	89,22	-3,27
C775	CERCA	8.911.059,200	708.240,513	150,614	13°08'09"	253°24'39"	89,33	-3,09
C776	CERCA	8.911.056,744	708.247,078	150,604	17°37'49"	257°54'19"	88,70	-3,10
C777	CERCA	8.911.077,486	708.245,144	150,329	13°19'23"	253°35'53"	108,19	-3,38
C778	CERCA	8.911.073,400	708.253,350	150,534	18°07'56"	258°24'26"	106,48	-3,17
E431	EIXO	8.911.074,981	708.248,984	150,237	15°38'24"	255°54'54"	106,72	-3,47
E432	EIXO	8.911.103,690	708.263,412	150,493	18°11'19"	258°27'49"	138,40	-3,21
C779	CERCA	8.911.102,329	708.265,335	150,665	19°07'31"	259°24'01"	137,72	-3,04
C780	CERCA	8.911.104,859	708.261,676	150,809	17°21'29"	257°37'59"	138,98	-2,90

Nome	Descrição	Norte	Este	Cota
TP101	EST	8.911.162,817	708.308,456	153,080

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C781	CERCA	8.911.124,070	708.273,605	151,054	221°58'10"	17°07'38"	52,11	-2,03
C782	CERCA	8.911.119,965	708.277,942	151,073	215°27'14"	10°36'42"	52,61	-2,01
E433	EIXO	8.911.122,171	708.276,124	150,670	218°30'01"	13°39'29"	51,94	-2,41
E434	EIXO	8.911.144,351	708.292,455	151,549	220°54'31"	16°03'59"	24,43	-1,53
C783	CERCA	8.911.146,174	708.290,060	151,872	227°51'47"	23°01'15"	24,81	-1,21
C784	CERCA	8.911.143,064	708.295,059	151,470	214°08'37"	9°18'05"	23,87	-1,61
C785	CERCA	8.911.145,642	708.307,818	152,325	182°07'30"	337°16'58"	17,19	-0,76
E435	EIXO	8.911.152,290	708.304,334	152,383	201°22'55"	356°32'23"	11,31	-0,70
E436	EIXO	8.911.150,482	708.329,458	153,556	120°25'40"	275°35'08"	24,36	0,48
E437	EIXO	8.911.168,970	708.315,660	152,954	49°30'23"	204°39'51"	9,47	-0,13
F322	CASA	8.911.153,654	708.288,020	152,179	245°50'56"	41°00'24"	22,40	-0,90
F323	CASA	8.911.163,687	708.302,073	152,645	277°45'20"	72°54'48"	6,44	-0,43
F324	CASA	8.911.163,445	708.336,381	153,995	88°42'42"	243°52'10"	27,93	0,91
AV053	ARVORE	8.911.158,933	708.336,725	153,949	97°49'27"	252°58'55"	28,54	0,87
AV054	ARVORE	8.911.157,520	708.328,626	153,740	104°42'55"	259°52'23"	20,85	0,66
C786	CERCA	8.911.140,911	708.327,488	153,446	139°00'58"	294°10'26"	29,02	0,37
E438	EIXO	8.911.147,057	708.355,051	154,739	108°41'16"	263°50'44"	49,19	1,66
C787	CERCA	8.911.151,113	708.357,844	155,047	103°19'55"	258°29'23"	50,76	1,97
C788	CERCA	8.911.135,029	708.351,298	154,468	122°58'07"	278°07'35"	51,07	1,39
F325	CASA	8.911.123,941	708.361,649	155,647	126°09'41"	281°19'09"	65,89	2,57
C789	CERCA	8.911.140,644	708.378,631	156,040	107°32'06"	262°41'34"	73,60	2,96
C790	CERCA	8.911.128,890	708.373,044	155,649	117°42'43"	272°52'11"	72,96	2,57
E439	EIXO	8.911.136,903	708.377,823	155,771	110°29'05"	265°38'33"	74,05	2,69
E440	EIXO	8.911.124,811	708.402,459	157,200	112°00'51"	267°10'19"	101,40	4,12
C791	CERCA	8.911.119,024	708.398,994	157,170	115°48'47"	270°58'15"	100,57	4,09
C792	CERCA	8.911.130,069	708.404,580	157,241	108°48'49"	263°58'17"	101,55	4,16

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Nome	Descrição	Norte	Este	Cota
TP101	EST	8.911.162,817	708.308,456	153,080

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C793	CERCA	8.911.129,553	708.418,231	158,478	106°51'29"	262°00'57"	114,70	5,40
C794	CERCA	8.911.122,720	708.423,314	159,060	109°14'40"	264°24'08"	121,66	5,98
C795	CERCA	8.911.112,242	708.415,047	158,423	115°23'01"	270°32'29"	117,98	5,34
E441	EIXO	8.911.118,905	708.419,975	158,480	111°29'34"	266°39'02"	119,85	5,40
E442	EIXO	8.911.131,140	708.413,367	158,087	106°48'06"	261°57'34"	109,59	5,01
TP102_apaga		8.911.110,012	708.483,337	162,218	106°48'06"	261°57'34"	182,68	9,14
TP102_apaga		8.911.104,308	708.135,399	162,227	251°19'12"	46°28'40"	182,68	9,15
TP103_apaga		8.910.993,410	708.411,024	149,889	148°48'26"	303°57'54"	198,04	-3,19

Nome	Descrição	Norte	Este	Cota
TP103	EST	8.911.357,236	708.346,215	149,901

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C796	CERCA	8.911.167,313	708.320,316	153,167	187°45'56"	356°46'28"	191,68	3,27
C797	CERCA	8.911.178,693	708.313,184	152,764	190°28'53"	359°29'25"	181,57	2,86
C798	CERCA	8.911.196,903	708.326,017	152,773	187°10'49"	356°11'21"	161,60	2,87
C799	CERCA	8.911.195,624	708.331,009	152,854	185°22'31"	354°23'03"	162,33	2,95
E443	EIXO	8.911.196,330	708.328,285	152,535	186°21'31"	355°22'03"	161,90	2,63
E444	EIXO	8.911.219,584	708.336,045	151,536	184°13'32"	353°14'04"	138,03	1,63
C800	CERCA	8.911.218,615	708.339,783	152,099	182°39'24"	351°39'56"	138,77	2,20
C801	CERCA	8.911.221,498	708.333,899	151,737	185°11'04"	354°11'36"	136,30	1,84
C802	CERCA	8.911.241,733	708.340,312	150,624	182°55'33"	351°56'05"	115,65	0,72
C803	CERCA	8.911.236,321	708.344,877	150,792	180°38'03"	349°38'35"	120,92	0,89
E445	EIXO	8.911.238,727	708.341,620	150,332	182°13'15"	351°13'47"	118,60	0,43
E446	EIXO	8.911.265,627	708.345,832	149,235	180°14'23"	349°14'55"	91,61	-0,67
C804	CERCA	8.911.266,246	708.343,035	149,404	182°00'07"	351°00'39"	91,05	-0,50
C805	CERCA	8.911.268,344	708.349,836	149,370	177°40'04"	346°40'36"	88,97	-0,53
C806	CERCA	8.911.287,013	708.353,010	149,007	174°28'24"	343°28'56"	70,55	-0,89
C807	CERCA	8.911.289,061	708.345,290	149,098	180°46'39"	349°47'11"	68,18	-0,80
E447	EIXO	8.911.283,208	708.346,833	148,873	179°31'19"	348°31'51"	74,03	-1,03
E448	EIXO	8.911.322,981	708.347,092	149,328	178°32'04"	347°32'36"	34,27	-0,57
C808	CERCA	8.911.323,272	708.351,279	149,604	171°31'15"	340°31'47"	34,34	-0,30
C809	CERCA	8.911.322,755	708.344,852	149,525	182°15'52"	351°16'24"	34,51	-0,38
C810	CERCA	8.911.359,205	708.344,667	149,983	321°49'22"	130°49'54"	2,50	0,08
C811	CERCA	8.911.356,941	708.351,227	150,128	93°22'10"	262°22'42"	5,02	0,23
E449	EIXO	8.911.357,192	708.348,331	149,820	91°11'00"	260°11'32"	2,12	-0,08
E450	EIXO	8.911.387,832	708.360,628	150,463	25°13'24"	194°13'56"	33,82	0,56
C812	CERCA	8.911.386,879	708.362,873	150,762	29°20'02"	198°20'34"	34,00	0,86
C813	CERCA	8.911.388,448	708.358,353	150,665	21°15'02"	190°15'34"	33,49	0,76

Nome	Descrição	Norte	Este	Cota
TP104	EST	8.911.452,332	708.469,933	154,629

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C814	CERCA	8.911.410,811	708.364,494	150,905	248°30'21"	16°03'13"	113,32	-3,72

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Nome	Descrição	Norte	Este	Cota
TP104	EST	8.911.452,332	708.469,933	154,629

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C815	CERCA	8.911.407,883	708.371,257	150,987	245°45'02"	13°17'54"	108,23	-3,64
E451	EIXO	8.911.409,258	708.366,867	150,803	247°19'08"	14°52'00"	111,71	-3,83
E452	EIXO	8.911.428,440	708.365,458	151,018	257°07'07"	24°39'59"	107,17	-3,61
E453	EIXO	8.911.447,808	708.361,216	150,704	267°37'02"	35°09'54"	108,81	-3,93
C816	CERCA	8.911.446,911	708.359,368	150,970	267°11'35"	34°44'27"	110,70	-3,66
C817	CERCA	8.911.433,572	708.362,755	150,916	260°04'18"	27°37'10"	108,81	-3,71
C818	CERCA	8.911.452,447	708.361,232	150,742	270°03'37"	37°36'29"	108,70	-3,89
C819	CERCA	8.911.490,772	708.355,000	150,366	288°29'34"	56°02'26"	121,19	-4,26
C820	CERCA	8.911.492,763	708.351,078	150,344	288°47'12"	56°20'04"	125,54	-4,29
E454	EIXO	8.911.491,417	708.353,224	150,243	288°30'54"	56°03'46"	123,08	-4,39
E455	EIXO	8.911.512,490	708.357,694	150,020	298°11'26"	65°44'18"	127,34	-4,61
C821	CERCA	8.911.511,048	708.360,289	150,307	298°10'11"	65°43'03"	124,38	-4,32
C822	CERCA	8.911.513,753	708.353,674	150,284	297°50'52"	65°23'44"	131,49	-4,35
C823	CERCA	8.911.536,716	708.371,035	150,511	310°28'20"	78°01'12"	130,01	-4,12
C824	CERCA	8.911.539,152	708.362,990	150,428	309°04'15"	76°37'07"	137,75	-4,20
E456	EIXO	8.911.537,701	708.366,882	150,272	309°38'19"	77°11'11"	133,82	-4,36
F326	CASA	8.911.552,438	708.374,796	150,609	316°27'28"	84°00'20"	138,10	-4,02
E457	EIXO	8.911.419,288	708.371,903	150,994	251°22'20"	18°55'12"	103,45	-3,64
E458	EIXO	8.911.433,368	708.379,565	151,322	258°08'53"	25°41'45"	92,34	-3,31
C825	CERCA	8.911.431,749	708.381,715	151,554	256°51'59"	24°24'51"	90,59	-3,08
C826	CERCA	8.911.441,802	708.389,081	151,811	262°34'46"	30°07'38"	81,54	-2,82
C827	CERCA	8.911.445,213	708.374,577	151,095	265°43'48"	33°16'40"	95,62	-3,53
E459	EIXO	8.911.446,769	708.389,873	151,674	266°01'29"	33°34'21"	80,25	-2,95
C828	CERCA	8.911.450,105	708.391,030	151,819	268°22'59"	35°55'51"	78,93	-2,81
C829	CERCA	8.911.451,592	708.412,586	152,516	269°15'39"	36°48'31"	57,35	-2,11
C830	CERCA	8.911.458,285	708.419,726	152,674	276°45'41"	44°18'33"	50,56	-1,96
E460	EIXO	8.911.454,587	708.414,393	152,190	272°19'30"	39°52'22"	55,59	-2,44
E461	EIXO	8.911.454,863	708.435,724	152,823	274°13'52"	41°46'44"	34,30	-1,81
C831	CERCA	8.911.452,153	708.435,242	153,273	269°42'13"	37°15'05"	34,69	-1,36
C832	CERCA	8.911.456,935	708.437,184	153,206	278°00'03"	45°32'55"	33,07	-1,42
C833	CERCA	8.911.454,634	708.464,997	154,475	295°00'02"	62°32'54"	5,45	-0,15
C834	CERCA	8.911.447,049	708.464,327	154,466	226°41'49"	354°14'41"	7,70	-0,16
E462	EIXO	8.911.450,296	708.464,585	154,152	249°09'24"	16°42'16"	5,72	-0,48
F327	CASA	8.911.461,173	708.476,877	155,269	38°08'43"	165°41'35"	11,24	0,64
AV055	ARVORE	8.911.455,919	708.475,904	154,958	59°00'24"	186°33'16"	6,96	0,33
D108	POSTE	8.911.456,650	708.481,787	155,247	69°59'07"	197°31'59"	12,62	0,62
C835	CERCA	8.911.444,270	708.484,554	155,470	118°52'22"	246°25'14"	16,70	0,84
E463	EIXO	8.911.446,984	708.485,816	155,190	108°36'43"	236°09'35"	16,76	0,56
F328	CASA	8.911.434,686	708.496,776	156,005	123°19'13"	250°52'05"	32,12	1,38
F329	CASA	8.911.427,921	708.513,351	157,234	119°20'48"	246°53'40"	49,81	2,61
D109	POSTE	8.911.430,771	708.510,148	156,558	118°11'53"	245°44'45"	45,63	1,93
C836	CERCA	8.911.457,833	708.496,564	156,069	78°19'47"	205°52'39"	27,19	1,44
C837	CERCA	8.911.451,770	708.530,857	157,494	90°31'45"	218°04'37"	60,93	2,86
C838	CERCA	8.911.455,345	708.525,214	157,392	86°52'49"	214°25'41"	55,36	2,76
E464	EIXO	8.911.453,002	708.532,072	157,551	89°22'57"	216°55'49"	62,14	2,92

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Nome	Descrição	Norte	Este	Cota
TP104	EST	8.911.452,332	708.469,933	154,629

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E465	EIXO	8.911.447,426	708.561,059	158,560	93°04'55"	220°37'47"	91,26	3,93
C839	CERCA	8.911.449,033	708.564,102	158,659	92°00'23"	219°33'15"	94,23	4,03
C840	CERCA	8.911.444,275	708.564,196	159,002	94°53'09"	222°26'01"	94,61	4,37
F330	CASA	8.911.454,665	708.551,323	158,317	88°21'30"	215°54'22"	81,42	3,69
F331	CASA	8.911.451,656	708.571,481	158,895	90°22'55"	217°55'47"	101,55	4,27
F332	CASA	8.911.447,892	708.622,607	161,425	91°39'58"	219°12'50"	152,74	6,80
F333	CASA	8.911.456,757	708.602,938	160,328	88°05'41"	215°38'33"	133,08	5,70
F334	CASA	8.911.401,149	708.588,620	160,884	113°19'41"	240°52'33"	129,25	6,25
F335	CASA	8.911.409,336	708.566,582	159,819	113°59'00"	241°31'52"	105,78	5,19
D110	POSTE	8.911.403,440	708.584,898	160,172	113°02'22"	240°35'14"	124,93	5,54
E466	EIXO	8.911.407,722	708.584,922	160,104	111°12'14"	238°45'06"	123,34	5,47
E467	EIXO	8.911.423,161	708.537,515	157,845	113°20'51"	240°53'43"	73,61	3,22
C841	CERCA	8.911.421,550	708.536,770	157,960	114°43'45"	242°16'37"	73,58	3,33
C842	CERCA	8.911.424,708	708.537,232	157,883	112°19'02"	239°51'54"	72,75	3,25

Nome	Descrição	Norte	Este	Cota
TP102	EST	8.911.089,957	708.475,984	162,231

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D111	POSTE	8.911.114,456	708.433,833	159,106	300°09'57"	6°39'40"	48,75	-3,13
F336	CASA	8.911.113,202	708.438,543	160,053	301°50'00"	8°19'43"	44,07	-2,18
F337	CASA	8.911.095,379	708.440,940	160,483	278°47'45"	345°17'28"	35,46	-1,75
C843	CERCA	8.911.099,041	708.448,360	160,252	288°12'13"	354°41'56"	29,08	-1,98
C844	CERCA	8.911.092,860	708.446,503	160,465	275°37'28"	342°07'11"	29,62	-1,77
C845	CERCA	8.911.105,607	708.452,673	160,414	303°52'32"	10°22'15"	28,08	-1,82
E468	EIXO	8.911.101,581	708.449,863	160,020	293°59'23"	0°29'06"	28,59	-2,21
F338	CASA	8.911.088,332	708.456,614	161,444	265°12'18"	331°42'01"	19,44	-0,79
F339	CASA	8.911.094,300	708.473,247	162,261	327°46'39"	34°16'22"	5,13	0,03
D112	POSTE	8.911.097,848	708.466,449	161,482	309°36'37"	16°06'20"	12,38	-0,75
E469	EIXO	8.911.089,217	708.471,836	161,984	259°53'01"	326°22'44"	4,21	-0,25
C846	CERCA	8.911.082,502	708.468,024	162,493	226°52'33"	293°22'16"	10,91	0,26
F340	CASA	8.911.074,742	708.478,776	163,136	169°36'05"	236°05'48"	15,47	0,91
F341	CASA	8.911.077,601	708.496,896	163,292	120°34'35"	187°04'18"	24,29	1,06
D113	POSTE	8.911.081,731	708.493,884	163,163	114°40'58"	181°10'41"	19,70	0,93
AV056	ARVORE	8.911.077,908	708.491,197	163,220	128°22'42"	194°52'25"	19,41	0,99
E470	EIXO	8.911.074,805	708.488,884	163,012	139°35'29"	206°05'12"	19,90	0,78
E471	EIXO	8.911.057,154	708.495,138	163,737	149°43'07"	216°12'50"	37,99	1,51
F342	CASA	8.911.057,458	708.499,403	163,917	144°13'25"	210°43'08"	40,06	1,69
C847	CERCA	8.911.054,353	708.489,407	163,804	159°20'39"	225°50'22"	38,05	1,57
C848	CERCA	8.911.030,636	708.500,935	164,768	157°11'17"	223°41'00"	64,35	2,54
C849	CERCA	8.911.035,369	708.502,954	164,466	153°42'30"	220°12'13"	60,89	2,23
C850	CERCA	8.911.028,303	708.506,996	164,814	153°17'52"	219°47'35"	69,01	2,58
E472	EIXO	8.911.033,444	708.501,942	164,546	155°19'45"	221°49'28"	62,19	2,32
F343	CASA	8.911.035,834	708.508,633	165,268	148°54'00"	215°23'43"	63,21	3,04
F344	CASA	8.911.043,532	708.505,276	164,402	147°45'00"	214°14'43"	54,89	2,17

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Nome	Descrição	Norte	Este	Cota
TP102	EST	8.911.089,957	708.475,984	162,231

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D114	POSTE	8.911.048,697	708.500,492	164,051	149°17'25"	215°47'08"	47,99	1,82
D115	POSTE	8.911.019,675	708.513,187	165,406	152°06'22"	218°36'05"	79,52	3,17
C851	CERCA	8.911.020,135	708.513,602	165,334	151°41'08"	218°10'51"	79,31	3,10
C852	CERCA	8.911.016,591	708.510,481	165,503	154°49'01"	221°18'44"	81,07	3,27
E473	EIXO	8.911.017,831	708.511,899	165,247	153°31'45"	220°01'28"	80,57	3,02

Nome	Descrição	Norte	Este	Cota
TP105	EST	8.911.012,620	708.516,121	165,779

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F345	CASA	8.910.991,829	708.534,777	167,468	138°05'49"	165°31'31"	27,93	1,69
C853	CERCA	8.910.995,185	708.541,982	167,548	123°59'08"	151°24'50"	31,19	1,77
C854	CERCA	8.911.002,385	708.542,296	167,252	111°21'23"	138°47'05"	28,11	1,47
E474	EIXO	8.910.999,156	708.541,736	166,883	117°43'39"	145°09'21"	28,94	1,10
E475	EIXO	8.910.987,735	708.565,047	168,897	116°57'30"	144°23'12"	54,89	3,12
C855	CERCA	8.910.990,526	708.566,215	169,010	113°47'59"	141°13'41"	54,75	3,23
C856	CERCA	8.910.985,176	708.563,222	169,241	120°13'39"	147°39'21"	54,51	3,46
D116	POSTE	8.910.980,782	708.583,952	170,178	115°08'36"	142°34'18"	74,93	4,40
C857	CERCA	8.910.976,868	708.580,731	170,269	118°57'26"	146°23'08"	73,84	4,49
C858	CERCA	8.910.981,300	708.584,964	170,273	114°27'45"	141°53'27"	75,63	4,49
E476	EIXO	8.910.978,160	708.583,679	169,749	117°01'28"	144°27'10"	75,84	3,97
E477	EIXO	8.910.962,945	708.620,071	171,721	115°32'29"	142°58'11"	115,21	5,94
C859	CERCA	8.910.960,954	708.619,379	171,903	116°34'53"	144°00'35"	115,46	6,12
C860	CERCA	8.910.965,677	708.620,521	171,910	114°12'37"	141°38'19"	114,47	6,13
C861	CERCA	8.910.957,609	708.647,505	173,447	112°43'09"	140°08'51"	142,44	7,67
C862	CERCA	8.910.952,049	708.645,772	173,424	115°02'28"	142°28'10"	143,10	7,64
E478	EIXO	8.910.955,240	708.647,138	173,433	113°39'04"	141°04'46"	143,03	7,65
E479	EIXO	8.910.951,006	708.661,627	174,403	112°56'59"	140°22'41"	158,01	8,62
C863	CERCA	8.910.948,950	708.655,966	174,240	114°28'44"	141°54'26"	153,66	8,46
C864	CERCA	8.910.955,090	708.660,697	174,272	111°41'55"	139°07'37"	155,60	8,49
C865	CERCA	8.910.957,474	708.662,217	174,142	110°40'46"	138°06'28"	156,16	8,36
F346	CASA	8.910.959,484	708.679,123	174,237	108°03'18"	135°29'00"	171,44	8,46
C866	CERCA	8.910.953,282	708.686,480	174,338	109°12'13"	136°37'55"	180,40	8,56
C867	CERCA	8.910.947,259	708.682,076	174,622	111°29'48"	138°55'30"	178,36	8,84
E480	EIXO	8.910.949,667	708.681,970	174,430	110°47'08"	138°12'50"	177,39	8,65

Nome	Descrição	Norte	Este	Cota
TP106	EST	8.910.944,727	708.720,489	175,389

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F347	CASA	8.910.940,877	708.688,049	175,046	263°13'54"	334°51'17"	32,67	-0,34
F348	CASA	8.910.961,343	708.714,523	174,450	340°15'05"	51°52'28"	17,65	-0,94
C868	CERCA	8.910.953,160	708.705,500	174,721	299°21'48"	10°59'11"	17,20	-0,67
C869	CERCA	8.910.944,973	708.697,023	175,151	270°36'06"	342°13'29"	23,47	-0,24
E481	EIXO	8.910.947,302	708.706,129	174,880	280°09'59"	351°47'22"	14,59	-0,51

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Nome	Descrição	Norte	Este	Cota
TP106	EST	8.910.944,727	708.720,489	175,389

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E482	EIXO	8.910.939,621	708.717,419	175,432	211°01'06"	282°38'29"	5,96	0,04
C870	CERCA	8.910.938,202	708.712,598	175,396	230°24'53"	302°02'16"	10,24	0,01
C871	CERCA	8.910.936,624	708.720,300	175,748	181°20'08"	252°57'31"	8,10	0,36
C872	CERCA	8.910.946,763	708.727,333	175,433	73°25'59"	145°03'22"	7,14	0,04
C873	CERCA	8.910.948,937	708.732,685	175,239	70°57'09"	142°34'32"	12,90	-0,15
C874	CERCA	8.910.958,968	708.730,918	174,689	36°13'04"	107°50'27"	17,65	-0,70
C875	CERCA	8.910.964,201	708.726,554	174,449	17°17'55"	88°55'18"	20,40	-0,94
E483	EIXO	8.910.963,573	708.728,662	174,144	23°26'40"	95°04'03"	20,54	-1,25
E484	EIXO	8.910.987,899	708.734,197	173,212	17°36'56"	89°14'19"	45,30	-2,18
C876	CERCA	8.910.987,419	708.736,107	173,688	20°05'38"	91°43'01"	45,46	-1,70
C877	CERCA	8.910.988,470	708.732,007	173,657	14°45'06"	86°22'29"	45,23	-1,73
C878	CERCA	8.910.959,123	708.754,402	175,815	66°59'55"	138°37'18"	36,84	0,43
C879	CERCA	8.910.950,586	708.754,292	175,982	80°09'58"	151°47'21"	34,31	0,59
E485	EIXO	8.910.956,239	708.753,545	175,475	70°47'57"	142°25'20"	35,00	0,09
E486	EIXO	8.910.952,030	708.726,574	174,659	39°48'01"	111°25'24"	9,51	-0,73
D117	POSTE	8.910.921,608	708.710,983	176,100	202°20'58"	273°58'21"	25,00	0,71
C880	CERCA	8.910.915,252	708.698,521	176,202	216°41'51"	288°19'14"	36,76	0,81
C881	CERCA	8.910.910,906	708.703,407	176,276	206°47'49"	278°25'12"	37,89	0,89
F349	CASA	8.910.908,119	708.707,329	177,118	199°46'20"	271°23'43"	38,90	1,73
F350	CASA	8.910.910,513	708.688,725	176,390	222°52'23"	294°29'46"	46,69	1,00
E487	EIXO	8.910.912,471	708.700,167	176,254	212°12'45"	283°50'08"	38,12	0,86
E488	EIXO	8.910.892,315	708.688,212	177,044	211°37'32"	283°14'55"	61,55	1,65
C882	CERCA	8.910.894,372	708.685,499	177,338	214°47'39"	286°25'02"	61,32	1,95
C883	CERCA	8.910.891,491	708.691,296	177,211	208°44'21"	280°21'44"	60,71	1,82
F351	CASA	8.910.888,777	708.678,316	177,171	217°00'26"	288°37'49"	70,06	1,78
F352	CASA	8.910.900,070	708.683,658	176,764	219°30'52"	291°08'15"	57,89	1,37
F353	CASA	8.910.881,665	708.692,577	177,959	203°52'29"	275°29'52"	68,96	2,57
F354	CASA	8.910.873,268	708.686,434	178,169	205°28'51"	277°06'14"	79,16	2,78
C884	CERCA	8.910.872,203	708.679,177	178,036	209°40'01"	281°17'24"	83,46	2,65
C885	CERCA	8.910.873,970	708.672,998	178,149	213°52'09"	285°29'32"	85,22	2,76
E489	EIXO	8.910.872,477	708.675,468	177,975	211°55'40"	283°33'03"	85,13	2,59
F355	CASA	8.910.864,918	708.682,291	178,731	205°34'35"	277°11'58"	88,48	3,34
F356	CASA	8.910.851,498	708.673,877	179,308	206°33'49"	278°11'12"	104,23	3,92
C886	CERCA	8.910.848,414	708.663,473	178,892	210°37'29"	282°14'52"	111,92	3,50
C887	CERCA	8.910.851,864	708.659,085	178,877	213°28'26"	285°05'49"	111,33	3,49
E490	EIXO	8.910.850,437	708.661,242	178,744	212°08'34"	283°45'57"	111,36	3,35
E491	EIXO	8.910.811,818	708.637,108	179,156	212°06'08"	283°43'31"	156,90	3,77
C888	CERCA	8.910.806,216	708.635,789	179,513	211°26'45"	283°04'08"	162,36	4,12
C889	CERCA	8.910.820,107	708.639,413	179,397	213°02'50"	284°40'13"	148,67	4,01
C890	CERCA	8.910.815,626	708.642,375	179,367	211°10'35"	282°47'58"	150,89	3,98

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Nome	Descrição	Norte	Este	Cota
TP107	EST	8.910.815,051	708.638,519	179,382

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP099		8.910.805,004	708.541,074	176,726	264°06'49"	231°48'58"	97,96	-2,66
F357	CASA	8.910.824,116	708.536,493	177,055	275°04'39"	242°46'48"	102,43	-2,33
F358	CASA	8.910.820,285	708.549,660	177,636	273°22'15"	241°04'24"	89,01	-1,75
F359	CASA	8.910.818,661	708.556,302	177,825	272°30'52"	240°13'01"	82,30	-1,56
D118	POSTE	8.910.821,521	708.551,404	177,402	274°14'52"	241°57'01"	87,35	-1,98
AV057	ARVORE	8.910.834,450	708.541,112	176,797	281°15'48"	248°57'57"	99,32	-2,59
AV058	ARVORE	8.910.830,892	708.551,851	177,061	280°21'29"	248°03'38"	88,10	-2,32
AV059	ARVORE	8.910.829,298	708.556,780	177,117	279°53'14"	247°35'23"	82,97	-2,27
E492	EIXO	8.910.838,562	708.543,120	176,182	283°50'41"	251°32'50"	98,25	-3,20
C891	CERCA	8.910.841,680	708.544,159	176,619	285°45'34"	253°27'43"	98,04	-2,76
C892	CERCA	8.910.830,791	708.580,111	177,662	285°04'56"	252°47'05"	60,49	-1,72
C893	CERCA	8.910.823,835	708.577,928	177,834	278°14'55"	245°57'04"	61,22	-1,55
C894	CERCA	8.910.814,611	708.575,745	178,212	269°35'55"	237°18'04"	62,77	-1,17
E493	EIXO	8.910.828,647	708.578,947	177,389	282°51'24"	250°33'33"	61,10	-1,99
F360	CASA	8.910.840,469	708.569,355	177,213	290°10'44"	257°52'53"	73,69	-2,17
F361	CASA	8.910.834,244	708.587,165	178,078	290°29'33"	258°11'42"	54,82	-1,30
F362	CASA	8.910.808,759	708.601,173	178,603	260°26'12"	228°08'21"	37,87	-0,78
C895	CERCA	8.910.811,988	708.615,279	178,941	262°29'34"	230°11'43"	23,44	-0,44
C896	CERCA	8.910.819,502	708.618,287	178,807	282°24'26"	250°06'35"	20,72	-0,58
C897	CERCA	8.910.825,116	708.620,438	178,809	299°06'10"	266°48'19"	20,69	-0,57
E494	EIXO	8.910.815,911	708.616,721	178,602	272°15'30"	239°57'39"	21,81	-0,78
F363	CASA	8.910.823,532	708.627,125	179,423	306°39'51"	274°22'00"	14,20	0,04
F364	CASA	8.910.821,628	708.633,705	179,438	323°47'51"	291°30'00"	8,15	0,06
H005	ORELHAO	8.910.820,507	708.636,774	179,354	342°16'11"	309°58'20"	5,73	-0,03
AV060	ARVORE	8.910.819,703	708.626,839	179,159	291°43'03"	259°25'12"	12,57	-0,22
F365	CASA	8.910.799,914	708.648,201	180,360	147°23'44"	115°05'53"	17,97	0,98
F366	CASA	8.910.816,704	708.649,298	179,836	81°16'44"	48°58'53"	10,91	0,45
F367	CASA	8.910.815,578	708.653,605	179,831	88°00'02"	55°42'11"	15,10	0,45
C898	CERCA	8.910.810,793	708.663,170	180,029	99°48'01"	67°30'10"	25,02	0,65
C899	CERCA	8.910.797,997	708.660,211	180,323	128°10'24"	95°52'33"	27,59	0,94
E495	EIXO	8.910.805,915	708.662,245	180,095	111°03'34"	78°45'43"	25,42	0,71
F368	CASA	8.910.796,549	708.668,575	180,496	121°36'56"	89°19'05"	35,29	1,11
F369	CASA	8.910.801,315	708.670,024	180,391	113°33'26"	81°15'35"	34,37	1,01
F370	CASA	8.910.799,553	708.679,477	180,601	110°43'33"	78°25'42"	43,79	1,22
F371	CASA	8.910.811,565	708.674,832	180,652	95°29'03"	63°11'12"	36,48	1,27
F372	CASA	8.910.809,378	708.685,070	180,864	96°56'52"	64°39'01"	46,90	1,48
F373	CASA	8.910.792,389	708.691,632	181,289	113°06'24"	80°48'33"	57,75	1,91
C900	CERCA	8.910.805,547	708.687,037	181,000	101°05'01"	68°47'10"	49,44	1,62
C901	CERCA	8.910.791,504	708.694,380	180,929	112°51'24"	80°33'33"	60,62	1,55
E496	EIXO	8.910.801,531	708.687,543	180,914	105°25'04"	73°07'13"	50,85	1,53
E497	EIXO	8.910.799,343	708.709,992	181,317	102°23'43"	70°05'52"	73,18	1,93
C902	CERCA	8.910.796,099	708.708,659	181,656	105°07'14"	72°49'23"	72,66	2,27
C903	CERCA	8.910.802,192	708.708,103	181,302	100°28'12"	68°10'21"	70,76	1,92
F374	CASA	8.910.806,361	708.706,521	181,278	97°16'56"	64°59'05"	68,56	1,90
F375	CASA	8.910.804,980	708.716,583	181,626	97°21'03"	65°03'12"	78,71	2,24

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Nome	Descrição	Norte	Este	Cota
TP107	EST	8.910.815,051	708.638,519	179,382

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F376	CASA	8.910.803,799	708.725,175	181,743	97°23'55"	65°06'04"	87,38	2,36
F377	CASA	8.910.803,140	708.731,837	181,970	97°16'25"	64°58'34"	94,08	2,59
C904	CERCA	8.910.797,848	708.732,368	181,982	100°23'15"	68°05'24"	95,41	2,60
C905	CERCA	8.910.791,741	708.729,610	182,202	104°21'13"	72°03'22"	94,03	2,82
E498	EIXO	8.910.795,398	708.731,288	181,815	101°57'41"	69°39'50"	94,83	2,43
F378	CASA	8.910.801,440	708.737,617	181,968	97°49'15"	65°31'24"	100,03	2,59
F379	CASA	8.910.799,877	708.746,079	182,276	98°01'49"	65°43'58"	108,63	2,89
F380	CASA	8.910.797,987	708.752,559	182,356	98°30'36"	66°12'45"	115,31	2,97
D119	POSTE	8.910.786,835	708.754,301	182,658	103°41'45"	71°23'54"	119,17	3,28
C906	CERCA	8.910.789,432	708.763,990	182,744	101°32'24"	69°14'33"	128,06	3,36
C907	CERCA	8.910.783,713	708.761,987	182,920	104°14'30"	71°56'39"	127,38	3,54
E499	EIXO	8.910.787,158	708.763,337	182,469	102°35'49"	70°17'58"	127,90	3,09
F381	CASA	8.910.790,509	708.780,485	183,101	99°48'29"	67°30'38"	144,07	3,72
F382	CASA	8.910.789,043	708.786,037	183,041	99°59'56"	67°42'05"	149,79	3,66
F383	CASA	8.910.785,980	708.796,929	183,530	100°23'57"	68°06'06"	161,06	4,15
C908	CERCA	8.910.781,060	708.793,928	183,316	102°20'15"	70°02'24"	159,08	3,93
E500	EIXO	8.910.778,676	708.793,421	183,203	103°12'55"	70°55'04"	159,12	3,82

Nome	Descrição	Norte	Este	Cota
TP099	EST	8.910.805,004	708.541,074	176,726

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP107		8.910.815,051	708.638,520	179,377	84°06'49"	0°00'00"	97,96	2,65
TP098_apaga		8.910.850,706	708.396,667	169,122	287°33'41"	354°58'12"	151,47	-7,60
TP113_apaga		8.911.197,253	707.598,361	158,169	292°35'29"	0°00'00"	1.021,06	-18,56

Nome	Descrição	Norte	Este	Cota
TP109	EST	8.910.742,091	708.159,093	159,127

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E533	EIXO	8.910.857,853	707.813,072	138,357	288°29'52"	234°42'04"	364,87	-20,77
E534	EIXO	8.910.863,735	707.823,943	137,897	289°56'55"	236°09'07"	356,54	-21,23
C978	CERCA	8.910.861,391	707.828,006	138,535	289°48'56"	236°01'08"	351,92	-20,59
C979	CERCA	8.910.867,878	707.822,554	138,054	290°29'39"	236°41'51"	359,28	-21,07
C980	CERCA	8.910.875,376	707.843,087	138,319	292°52'09"	239°04'21"	342,96	-20,81
C981	CERCA	8.910.882,667	707.842,644	138,120	293°57'08"	240°09'20"	346,27	-21,01
E535	EIXO	8.910.877,543	707.843,587	138,097	293°14'05"	239°26'17"	343,35	-21,03
C982	CERCA	8.910.890,534	707.870,883	138,419	297°15'03"	243°27'15"	324,19	-20,71
C983	CERCA	8.910.895,544	707.872,773	138,761	298°11'21"	244°23'33"	324,85	-20,37
E536	EIXO	8.910.892,916	707.877,719	138,553	298°11'34"	244°23'46"	319,25	-20,57
E537	EIXO	8.910.914,379	707.880,194	139,380	301°42'20"	247°54'32"	327,82	-19,75
C984	CERCA	8.910.924,731	707.873,579	140,200	302°36'24"	248°48'36"	338,93	-18,93
C985	CERCA	8.910.924,095	707.885,528	140,636	303°38'10"	249°50'22"	328,58	-18,49
F411	CASA	8.910.902,469	707.899,063	140,197	301°39'54"	247°52'06"	305,51	-18,93
F412	CASA	8.910.897,844	707.892,232	140,449	300°16'12"	246°28'24"	308,99	-18,68

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Nome	Descrição	Norte	Este	Cota
TP109	EST	8.910.742,091	708.159,093	159,127

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C986	CERCA	8.910.939,007	707.867,613	141,315	304°02'31"	250°14'43"	351,76	-17,81
C987	CERCA	8.910.941,201	707.875,145	141,320	305°02'20"	251°14'32"	346,80	-17,81
E538	EIXO	8.910.939,993	707.871,191	140,918	304°30'16"	250°42'28"	349,36	-18,21
E539	EIXO	8.910.961,192	707.857,443	143,187	305°59'33"	252°11'45"	372,82	-15,94
C988	CERCA	8.910.959,555	707.854,765	143,634	305°32'55"	251°45'07"	374,04	-15,49
C989	CERCA	8.910.964,099	707.861,125	143,616	306°41'20"	252°53'32"	371,58	-15,51
C990	CERCA	8.910.982,418	707.849,184	145,341	307°47'34"	253°59'46"	392,17	-13,79
C991	CERCA	8.910.977,958	707.840,924	145,565	306°33'02"	252°45'14"	396,06	-13,56
E540	EIXO	8.910.979,827	707.844,188	145,228	307°03'03"	253°15'15"	394,57	-13,90
F413	CASA	8.910.986,797	707.844,531	145,720	307°52'49"	254°05'01"	398,54	-13,41
F414	CASA	8.910.989,019	707.832,506	146,615	307°05'33"	253°17'45"	409,43	-12,51
E541	EIXO	8.911.002,209	707.828,409	147,066	308°11'20"	254°23'32"	420,73	-12,06
F415	CASA	8.911.006,837	707.828,231	147,697	308°39'57"	254°52'09"	423,75	-11,43
F416	CASA	8.911.002,827	707.821,072	147,396	307°38'43"	253°50'55"	426,90	-11,73
D120	POSTE	8.911.004,336	707.820,890	147,611	307°47'25"	253°59'37"	427,96	-11,52
C992	CERCA	8.911.002,648	707.796,199	148,274	305°40'42"	251°52'54"	446,75	-10,85
C993	CERCA	8.911.003,841	707.791,650	148,456	305°27'52"	251°40'04"	451,14	-10,67
D121	POSTE	8.911.004,654	707.791,599	148,446	305°32'41"	251°44'53"	451,65	-10,68
E542	EIXO	8.911.003,129	707.794,033	148,310	305°34'01"	251°46'13"	448,79	-10,82
E543	EIXO	8.910.976,560	707.784,587	146,409	302°02'59"	248°15'11"	441,85	-12,72
C994	CERCA	8.910.977,436	707.781,350	146,453	301°55'27"	248°07'39"	445,06	-12,67
C995	CERCA	8.910.973,105	707.786,533	146,085	301°48'07"	248°00'19"	438,37	-13,04
C996	CERCA	8.910.957,257	707.752,882	145,608	297°54'35"	244°06'47"	459,68	-13,52
C997	CERCA	8.910.962,303	707.751,620	146,073	298°23'18"	244°35'30"	463,17	-13,05
E544	EIXO	8.910.959,331	707.752,859	145,599	298°08'11"	244°20'23"	460,67	-13,53
C998	CERCA	8.910.950,501	707.744,565	145,596	296°41'30"	242°53'42"	463,97	-13,53
C999	CERCA	8.910.936,550	707.725,085	145,554	294°08'06"	240°20'18"	475,58	-13,57
C3000	CERCA	8.910.933,185	707.737,381	145,043	294°22'38"	240°34'50"	462,99	-14,08
E545	EIXO	8.910.935,907	707.729,731	145,275	294°17'41"	240°29'53"	471,08	-13,85
E546	EIXO	8.910.911,429	707.721,178	144,404	291°08'28"	237°20'40"	469,52	-14,72
C3001	CERCA	8.910.911,763	707.717,869	144,807	291°02'03"	237°14'15"	472,72	-14,32
C3002	CERCA	8.910.908,914	707.727,831	144,213	291°08'52"	237°21'04"	462,40	-14,91
C3003	CERCA	8.910.883,531	707.717,919	143,518	287°46'33"	233°58'45"	463,29	-15,61
C3004	CERCA	8.910.886,159	707.710,328	144,189	287°47'54"	234°00'06"	471,32	-14,94
E547	EIXO	8.910.885,174	707.713,328	143,574	287°47'45"	233°59'57"	468,17	-15,55
F417	CASA	8.910.915,867	707.637,807	150,186	288°26'11"	234°38'23"	549,49	-8,94
D122	POSTE	8.910.926,649	707.625,165	150,947	289°04'06"	235°16'18"	564,93	-8,18
C3005	CERCA	8.910.931,814	707.632,885	150,567	289°49'36"	236°01'48"	559,37	-8,56
C3006	CERCA	8.910.931,021	707.635,647	150,249	289°50'47"	236°02'59"	556,50	-8,88
E548	EIXO	8.910.931,914	707.634,121	150,460	289°52'46"	236°04'58"	558,24	-8,67
E549	EIXO	8.910.947,802	707.640,377	150,736	291°37'56"	237°50'08"	558,02	-8,39
E550	EIXO	8.910.947,946	707.643,222	150,563	291°45'15"	237°57'27"	555,43	-8,56
E551	EIXO	8.910.948,269	707.641,865	150,663	291°44'00"	237°56'12"	556,81	-8,46
E552	EIXO	8.910.963,639	707.643,666	151,442	293°15'35"	239°27'47"	561,02	-7,69
E553	EIXO	8.910.962,209	707.647,136	151,104	293°15'56"	239°28'08"	557,27	-8,02

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Nome	Descrição	Norte	Este	Cota
TP109	EST	8.910.742,091	708.159,093	159,127

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E554	EIXO	8.910.980,145	707.651,938	151,365	295°08'42"	241°20'54"	560,25	-7,76
E555	EIXO	8.910.981,437	707.648,754	151,604	295°07'35"	241°19'47"	563,68	-7,52
F418	CASA	8.910.948,007	707.631,444	151,922	291°19'06"	237°31'18"	566,41	-7,21
E556	EIXO	8.911.001,025	707.659,883	151,377	297°24'55"	243°37'07"	562,37	-7,75
E557	EIXO	8.911.001,540	707.658,718	151,365	297°24'26"	243°36'38"	563,64	-7,76
E558	EIXO	8.911.002,352	707.657,331	151,340	297°24'56"	243°37'08"	565,24	-7,79
E559	EIXO	8.911.009,831	707.662,704	151,843	298°20'29"	244°32'41"	563,99	-7,28
C3007	CERCA	8.911.009,804	707.665,014	151,720	298°27'03"	244°39'15"	561,95	-7,41
C3008	CERCA	8.911.010,304	707.660,931	152,010	298°17'54"	244°30'06"	565,78	-7,12
C3009	CERCA	8.911.036,705	707.674,410	152,794	301°17'36"	247°29'48"	567,20	-6,33
C3010	CERCA	8.911.038,937	707.671,030	152,992	301°18'31"	247°30'43"	571,25	-6,14
E560	EIXO	8.911.038,303	707.672,885	152,733	301°21'04"	247°33'16"	569,33	-6,39
F419	CASA	8.911.039,686	707.694,753	152,789	302°39'21"	248°51'33"	551,52	-6,34
C3011	CERCA	8.911.066,533	707.687,716	154,524	304°32'21"	250°44'33"	572,24	-4,60
C3012	CERCA	8.911.067,611	707.682,806	154,603	304°21'03"	250°33'15"	576,90	-4,52
E561	EIXO	8.911.067,281	707.684,880	154,325	304°26'25"	250°38'37"	575,00	-4,80
E562	EIXO	8.911.090,063	707.692,072	154,863	306°41'22"	252°53'34"	582,40	-4,26
C3013	CERCA	8.911.089,872	707.690,695	154,997	306°35'37"	252°47'49"	583,39	-4,13
C3014	CERCA	8.911.087,326	707.693,869	155,008	306°34'43"	252°46'55"	579,33	-4,12
F420	CASA	8.911.086,764	707.695,722	154,764	306°38'36"	252°50'48"	577,51	-4,36
F421	CASA	8.911.102,497	707.699,155	154,635	308°04'56"	254°17'08"	584,32	-4,49
F422	CASA	8.911.115,339	707.701,208	154,343	309°11'08"	255°23'20"	590,74	-4,78
F423	CASA	8.911.122,747	707.703,909	154,723	309°54'17"	256°06'29"	593,37	-4,40
C3015	CERCA	8.911.122,866	707.703,390	154,170	309°52'53"	256°05'05"	593,85	-4,96
TP110_apaga		8.911.014,629	707.809,057	148,619	307°54'16"	254°06'28"	443,62	-10,51
TP095		8.910.753,869	708.175,183	160,146	53°47'47"	360°00'00"	19,94	1,02

Nome	Descrição	Norte	Este	Cota
TP110	EST	8.911.014,708	707.809,074	148,619

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP109_apaga		8.911.304,651	707.473,297	159,106	310°48'38"	311°25'41"	443,64	10,49
D123	POSTE	8.910.992,101	707.841,800	146,151	124°38'12"	125°15'15"	39,78	-2,47
M050	MEIO FIU	8.911.004,360	707.820,761	147,650	131°31'22"	132°08'25"	15,61	-0,97
M051	MEIO FIU	8.911.009,742	707.823,590	147,647	108°53'09"	109°30'12"	15,34	-0,97
F424	CASA	8.911.010,462	707.824,841	148,211	105°04'15"	105°41'18"	16,33	-0,41
F425	CASA	8.911.003,250	707.806,412	147,939	193°04'39"	193°41'42"	11,76	-0,68
F426	CASA	8.911.021,798	707.820,676	148,622	58°34'17"	59°11'20"	13,60	0,00
F427	CASA	8.911.026,560	707.818,411	148,660	38°13'52"	38°50'55"	15,09	0,04
F428	CASA	8.911.031,318	707.817,748	148,755	27°34'26"	28°11'29"	18,74	0,14
D124	POSTE	8.911.031,043	707.816,290	148,746	23°50'04"	24°27'07"	17,86	0,13
M052	MEIO FIU	8.911.031,281	707.815,784	148,729	22°02'32"	22°39'35"	17,88	0,11
M053	MEIO FIU	8.911.030,526	707.809,720	148,946	2°20'22"	2°57'25"	15,83	0,33
M054	MEIO FIU	8.911.034,683	707.810,333	149,048	3°36'25"	4°13'28"	20,02	0,43
M055	MEIO FIU	8.911.035,496	707.809,839	149,097	2°06'32"	2°43'35"	20,80	0,48

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Nome	Descrição	Norte	Este	Cota
TP110	EST	8.911.014,708	707.809,074	148,619

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M056	MEIO FIU	8.911.036,203	707.808,715	149,162	359°02'42"	359°39'45"	21,50	0,54
M057	MEIO FIU	8.911.044,681	707.812,219	149,219	5°59'29"	6°36'32"	30,14	0,60
M058	MEIO FIU	8.911.043,333	707.811,366	149,232	4°34'44"	5°11'47"	28,72	0,61
M059	MEIO FIU	8.911.043,100	707.809,881	149,271	1°37'40"	2°14'43"	28,40	0,65
E563	EIXO	8.911.007,068	707.822,077	147,633	120°26'11"	121°03'14"	15,08	-0,99
E564	EIXO	8.911.015,572	707.815,737	148,388	82°36'25"	83°13'28"	6,72	-0,23
E565	EIXO	8.911.030,256	707.812,898	148,912	13°49'00"	14°26'03"	16,01	0,29
E566	EIXO	8.911.038,947	707.814,332	149,084	12°14'27"	12°51'30"	24,80	0,46
E567	EIXO	8.911.040,488	707.798,781	149,806	338°14'13"	338°51'16"	27,76	1,19
E568	EIXO	8.911.056,264	707.817,050	149,414	10°51'54"	11°28'57"	42,31	0,80
D125	POSTE	8.911.055,232	707.820,815	149,157	16°09'29"	16°46'32"	42,19	0,54
AV063	ARVORE	8.911.045,055	707.817,780	149,095	16°00'30"	16°37'33"	31,57	0,48
AV064	ARVORE	8.911.049,978	707.818,871	149,192	15°31'28"	16°08'31"	36,61	0,57
AV065	ARVORE	8.911.053,882	707.819,579	149,232	15°00'43"	15°37'46"	40,56	0,61
AV066	ARVORE	8.911.057,011	707.820,239	149,231	14°47'05"	15°24'08"	43,75	0,61
F429	CASA	8.911.067,927	707.824,398	149,077	16°03'50"	16°40'53"	55,38	0,46
M060	MEIO FIU	8.911.069,882	707.822,892	148,979	14°03'39"	14°40'42"	56,88	0,36
M061	MEIO FIU	8.911.070,623	707.823,785	148,907	14°44'25"	15°21'28"	57,82	0,29
M062	MEIO FIU	8.911.070,753	707.824,831	148,885	15°42'11"	16°19'14"	58,22	0,27
M063	MEIO FIU	8.911.067,094	707.816,334	149,283	7°53'27"	8°30'30"	52,89	0,66
M064	MEIO FIU	8.911.070,507	707.815,801	149,370	6°52'28"	7°29'31"	56,20	0,75
M065	MEIO FIU	8.911.074,024	707.813,852	149,396	4°36'19"	5°13'22"	59,51	0,78
M066	MEIO FIU	8.911.078,901	707.824,581	148,713	13°34'52"	14°11'55"	66,04	0,09
D126	POSTE	8.911.080,603	707.825,159	148,667	13°43'05"	14°20'08"	67,83	0,05
F430	CASA	8.911.081,719	707.826,981	148,594	14°57'40"	15°34'43"	69,36	-0,02
F431	CASA	8.911.082,950	707.822,766	148,916	11°20'42"	11°57'45"	69,60	0,30
F432	CASA	8.911.085,447	707.816,309	149,319	5°50'23"	6°27'26"	71,11	0,70
F433	CASA	8.911.088,561	707.811,154	149,525	1°36'50"	2°13'52"	73,88	0,91
E569	EIXO	8.911.075,779	707.820,979	149,145	11°01'52"	11°38'55"	62,22	0,53
M067	MEIO FIU	8.911.090,050	707.799,532	149,815	352°46'56"	353°23'58"	75,94	1,20
M068	MEIO FIU	8.911.089,275	707.798,318	149,864	351°47'33"	352°24'35"	75,34	1,24
M069	MEIO FIU	8.911.089,827	707.795,142	149,993	349°29'36"	350°06'38"	76,40	1,37
M070	MEIO FIU	8.911.090,329	707.794,453	150,027	349°03'27"	349°40'29"	77,02	1,41
M071	MEIO FIU	8.911.091,069	707.794,254	149,991	349°01'02"	349°38'04"	77,79	1,37
M072	MEIO FIU	8.911.095,512	707.794,721	149,978	349°55'42"	350°32'44"	82,07	1,36
M073	MEIO FIU	8.911.096,023	707.795,384	149,965	350°26'37"	351°03'39"	82,46	1,35
M074	MEIO FIU	8.911.095,554	707.796,317	149,888	351°02'00"	351°39'02"	81,85	1,27
AV067	ARVORE	8.911.094,088	707.795,933	150,031	350°36'03"	351°13'05"	80,46	1,41
M075	MEIO FIU	8.911.079,901	707.792,526	150,236	345°45'29"	346°22'32"	67,26	1,62
E570	EIXO	8.911.086,044	707.790,778	150,322	345°36'56"	346°13'59"	73,65	1,70
D127	POSTE	8.911.091,237	707.788,714	150,353	345°06'08"	345°43'10"	79,19	1,73
H020	ORELHAO	8.911.091,504	707.788,077	150,394	344°42'32"	345°19'34"	79,61	1,77
F434	CASA	8.911.102,522	707.799,865	149,744	354°00'48"	354°37'50"	88,30	1,12
F435	CASA	8.911.105,757	707.787,891	150,702	346°54'12"	347°31'14"	93,48	2,08
F436	CASA	8.911.101,708	707.786,996	150,703	345°45'39"	346°22'41"	89,76	2,08

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Nome	Descrição	Norte	Este	Cota
TP110	EST	8.911.014,708	707.809,074	148,619

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F437	CASA	8.911.075,777	707.781,564	151,254	335°45'01"	336°22'04"	66,98	2,64
M076	MEIO FIU	8.911.071,287	707.790,496	150,438	341°49'22"	342°26'25"	59,55	1,82
M077	MEIO FIU	8.911.072,877	707.784,763	150,723	337°19'05"	337°56'08"	63,04	2,10
E571	EIXO	8.911.072,044	707.787,819	150,672	339°39'36"	340°16'39"	61,15	2,05
F438	CASA	8.911.067,100	707.779,521	151,379	330°34'27"	331°11'30"	60,15	2,76
AV068	ARVORE	8.911.061,664	707.788,706	150,734	336°33'02"	337°10'05"	51,18	2,12
AV069	ARVORE	8.911.013,493	707.805,945	148,540	248°46'53"	249°23'56"	3,36	-0,08
M078	MEIO FIU	8.911.018,018	707.810,470	148,615	22°52'21"	23°29'24"	3,59	0,00
M079	MEIO FIU	8.911.012,186	707.806,637	148,365	224°00'57"	224°38'00"	3,51	-0,25
M080	MEIO FIU	8.911.011,094	707.802,636	148,429	240°41'27"	241°18'30"	7,38	-0,19
M081	MEIO FIU	8.911.011,597	707.792,654	148,785	259°16'15"	259°53'18"	16,71	0,17
M082	MEIO FIU	8.911.013,809	707.785,119	149,069	267°51'06"	268°28'09"	23,97	0,45
M083	MEIO FIU	8.911.019,982	707.780,073	149,481	280°18'26"	280°55'29"	29,48	0,86
M084	MEIO FIU	8.911.022,989	707.779,340	149,641	285°33'50"	286°10'53"	30,87	1,02
M085	MEIO FIU	8.911.021,281	707.772,641	149,590	280°13'36"	280°50'39"	37,02	0,97
M086	MEIO FIU	8.911.019,681	707.772,654	149,473	277°46'31"	278°23'34"	36,76	0,85
D128	POSTE	8.911.022,085	707.772,581	149,798	281°25'44"	282°02'47"	37,23	1,18
F439	CASA	8.911.024,772	707.771,305	149,950	284°55'14"	285°32'17"	39,09	1,33
F440	CASA	8.911.015,557	707.773,324	149,508	271°21'39"	271°58'42"	35,76	0,89
M087	MEIO FIU	8.911.008,261	707.781,367	148,744	256°54'07"	257°31'10"	28,45	0,12
M088	MEIO FIU	8.911.005,765	707.791,029	148,383	243°38'10"	244°15'13"	20,14	-0,24
E572	EIXO	8.911.008,522	707.794,907	148,583	246°24'39"	247°01'42"	15,46	-0,04
E573	EIXO	8.911.011,407	707.782,610	149,015	262°53'29"	263°30'32"	26,67	0,40
E574	EIXO	8.911.021,056	707.775,973	150,751	280°51'24"	281°28'27"	33,70	2,13
M089	MEIO FIU	8.911.099,483	707.799,657	149,611	353°39'42"	354°16'44"	85,30	0,99
E575	EIXO	8.911.097,869	707.797,792	149,831	352°16'27"	352°53'29"	83,92	1,21
TP111_apaga		8.911.086,093	707.808,304	149,500	359°22'57"	0°00'00"	71,39	0,88
TP109		8.911.304,651	707.473,297	159,106	310°48'38"	311°25'41"	443,64	10,49

Nome	Descrição	Norte	Este	Cota
TP111	EST	8.911.086,096	707.808,304	149,503

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F441	CASA	8.911.035,652	707.793,314	150,120	196°32'59"	17°10'02"	52,62	0,62
F442	CASA	8.911.035,011	707.773,629	150,670	214°10'03"	34°47'06"	61,74	1,17
F443	CASA	8.911.042,207	707.773,542	150,850	218°22'51"	38°59'54"	55,99	1,35
F444	CASA	8.911.051,498	707.777,501	150,833	221°40'46"	42°17'49"	46,32	1,33
AV070	ARVORE	8.911.041,108	707.776,696	150,678	215°05'30"	35°42'33"	54,98	1,18
AV071	ARVORE	8.911.033,786	707.775,157	150,362	212°21'40"	32°58'43"	61,93	0,86
AV072	ARVORE	8.911.027,735	707.781,745	149,817	204°28'11"	25°05'14"	64,12	0,31
M090	MEIO FIU	8.911.038,232	707.783,204	150,204	207°40'22"	28°17'25"	54,05	0,70
M091	MEIO FIU	8.911.037,046	707.782,341	150,181	207°53'37"	28°30'40"	55,50	0,68
M092	MEIO FIU	8.911.038,486	707.784,638	150,162	206°25'53"	27°02'56"	53,17	0,66
M093	MEIO FIU	8.911.045,345	707.786,277	150,290	208°23'34"	29°00'37"	46,32	0,79
M094	MEIO FIU	8.911.046,324	707.785,058	150,354	210°18'20"	30°55'23"	46,07	0,85

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Nome	Descrição	Norte	Este	Cota
TP111	EST	8.911.086,096	707.808,304	149,503

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M095	MEIO FIU	8.911.047,493	707.784,860	150,396	211°16'17"	31°53'20"	45,17	0,89
E576	EIXO	8.911.043,521	707.780,351	150,588	213°17'14"	33°54'17"	50,93	1,08
D129	POSTE	8.911.055,286	707.779,704	150,893	222°52'11"	43°29'14"	42,04	1,39
M096	MEIO FIU	8.911.067,125	707.833,557	148,432	126°54'58"	307°32'01"	31,58	-1,07
M097	MEIO FIU	8.911.075,165	707.833,920	148,344	113°06'34"	293°43'37"	27,85	-1,16
F445	CASA	8.911.077,476	707.834,167	148,582	108°26'00"	289°03'03"	27,26	-0,92
F446	CASA	8.911.065,696	707.833,264	148,429	129°15'38"	309°52'41"	32,24	-1,07
AV073	ARVORE	8.911.073,554	707.834,971	148,358	115°11'23"	295°48'26"	29,47	-1,14
E577	EIXO	8.911.070,526	707.834,566	148,496	120°39'44"	301°16'47"	30,53	-1,01
E578	EIXO	8.911.063,209	707.858,042	147,494	114°42'37"	295°19'40"	54,75	-2,01
AV074	ARVORE	8.911.061,438	707.853,198	147,609	118°46'40"	299°23'43"	51,22	-1,89
M098	MEIO FIU	8.911.060,691	707.853,494	147,609	119°20'39"	299°57'42"	51,84	-1,89
M099	MEIO FIU	8.911.067,524	707.857,426	147,358	110°42'39"	291°19'42"	52,51	-2,15
F447	CASA	8.911.058,173	707.857,128	147,699	119°45'57"	300°23'00"	56,24	-1,80
F448	CASA	8.911.068,955	707.860,022	147,369	108°20'13"	288°57'16"	54,48	-2,13
D130	POSTE	8.911.067,300	707.861,930	147,329	109°18'57"	289°56'00"	56,82	-2,17
M3000	MEIO FIU	8.911.052,050	707.880,073	146,427	115°22'46"	295°59'49"	79,43	-3,08
M3001	MEIO FIU	8.911.059,120	707.883,160	146,352	109°49'04"	290°26'07"	79,57	-3,15
E579	EIXO	8.911.055,460	707.882,089	146,511	112°32'55"	293°09'58"	79,89	-2,99
F449	CASA	8.911.048,237	707.886,774	146,320	115°45'21"	296°22'24"	87,12	-3,18
F450	CASA	8.911.061,519	707.881,498	146,646	108°33'41"	289°10'44"	77,21	-2,86
F451	CASA	8.911.052,840	707.906,183	145,611	108°45'58"	289°23'01"	103,37	-3,89
H021	ORELHAO	8.911.053,221	707.903,803	145,636	108°59'45"	289°36'48"	101,00	-3,87
D131	POSTE	8.911.052,769	707.903,975	145,641	109°12'22"	289°49'25"	101,31	-3,86
M3002	MEIO FIU	8.911.052,045	707.904,308	145,541	109°31'44"	290°08'47"	101,86	-3,96
M3003	MEIO FIU	8.911.045,014	707.901,535	145,544	113°46'50"	294°23'53"	101,88	-3,96
E580	EIXO	8.911.048,513	707.903,235	145,696	111°35'56"	292°12'59"	102,10	-3,81
F452	CASA	8.911.041,452	707.906,032	145,456	114°33'08"	295°10'11"	107,44	-4,05
AV075	ARVORE	8.911.048,649	707.910,246	145,380	110°10'12"	290°47'15"	108,60	-4,12
AV076	ARVORE	8.911.042,298	707.906,381	145,474	114°03'51"	294°40'54"	107,41	-4,03
M3004	MEIO FIU	8.911.034,051	707.926,481	144,715	113°46'08"	294°23'11"	129,13	-4,79
M3005	MEIO FIU	8.911.040,713	707.929,321	144,723	110°33'24"	291°10'27"	129,25	-4,78
E581	EIXO	8.911.037,293	707.927,940	144,850	112°11'31"	292°48'34"	129,21	-4,65
F453	CASA	8.911.033,035	707.925,707	144,787	114°19'15"	294°56'18"	128,84	-4,72
F454	CASA	8.911.039,138	707.938,359	144,539	109°51'10"	290°28'13"	138,27	-4,96
D132	POSTE	8.911.036,175	707.939,915	144,530	110°46'20"	291°23'23"	140,76	-4,97
AV077	ARVORE	8.911.030,898	707.935,480	144,511	113°27'44"	294°04'47"	138,64	-4,99
E582	EIXO	8.911.025,437	707.953,408	143,992	112°41'13"	293°18'16"	157,27	-5,51
M3006	MEIO FIU	8.911.028,543	707.954,886	143,980	111°26'12"	292°03'15"	157,48	-5,52
M3007	MEIO FIU	8.911.022,175	707.951,990	143,990	113°58'57"	294°36'00"	157,26	-5,51
F455	CASA	8.911.022,307	707.951,600	143,979	113°59'47"	294°36'50"	156,85	-5,52
F456	CASA	8.911.031,254	707.955,385	144,164	110°26'57"	291°04'00"	156,97	-5,34
AV078	ARVORE	8.911.028,464	707.957,667	144,042	111°05'57"	291°43'00"	160,10	-5,46
AV079	ARVORE	8.911.026,792	707.961,244	143,836	111°11'39"	291°48'42"	164,04	-5,67
M3008	MEIO FIU	8.911.016,708	707.979,511	143,283	112°03'44"	292°40'47"	184,73	-6,22

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Nome	Descrição	Norte	Este	Cota
TP111	EST	8.911.086,096	707.808,304	149,503

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M3009	MEIO FIU	8.911.010,654	707.977,507	143,403	114°01'50"	294°38'53"	185,26	-6,10
E583	EIXO	8.911.013,078	707.978,975	143,486	113°09'46"	293°46'49"	185,63	-6,02
D133	POSTE	8.911.019,823	707.974,981	143,516	111°41'01"	292°18'04"	179,37	-5,99
AV080	ARVORE	8.911.009,492	707.991,341	142,998	112°42'36"	293°19'39"	198,42	-6,51
F457	CASA	8.911.009,916	707.997,463	142,887	111°56'10"	292°33'13"	203,92	-6,62
F458	CASA	8.911.009,616	707.977,920	143,393	114°16'14"	294°53'17"	186,06	-6,11
M3010	MEIO FIU	8.911.007,478	707.995,979	142,895	112°43'45"	293°20'48"	203,48	-6,61
M3011	MEIO FIU	8.911.003,311	707.993,492	143,020	114°05'10"	294°42'13"	202,85	-6,48
E584	EIXO	8.911.004,643	707.994,387	142,898	113°38'25"	294°15'28"	203,13	-6,60
M3012	MEIO FIU	8.911.092,885	707.789,543	150,183	289°53'31"	110°30'34"	19,95	0,68
M3013	MEIO FIU	8.911.108,416	707.790,850	149,858	321°58'26"	142°35'29"	28,33	0,35
M3014	MEIO FIU	8.911.113,499	707.788,769	149,872	324°30'54"	145°07'57"	33,65	0,37
M3015	MEIO FIU	8.911.115,724	707.793,254	149,869	333°04'14"	153°41'17"	33,23	0,37
D134	POSTE	8.911.114,972	707.794,198	150,101	333°57'48"	154°34'51"	32,14	0,60
TP112_apaga		8.911.143,386	707.766,702	150,060	324°00'51"	144°37'53"	70,80	0,56
TP110		8.911.014,718	707.809,074	148,617	179°22'57"	360°00'00"	71,38	-0,89

Nome	Descrição	Norte	Este	Cota
TP112	EST	8.911.141,882	707.764,685	150,063

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E585	EIXO	8.911.114,352	707.789,766	149,863	137°39'55"	355°41'15"	37,24	-0,20
E586	EIXO	8.911.126,855	707.779,082	149,960	136°13'31"	354°14'51"	20,81	-0,10
M3016	MEIO FIU	8.911.129,265	707.781,132	149,807	127°29'33"	345°30'53"	20,73	-0,26
M3017	MEIO FIU	8.911.123,825	707.777,515	149,893	144°36'13"	2°37'33"	22,15	-0,17
AV081	ARVORE	8.911.129,245	707.782,116	149,808	125°56'31"	343°57'51"	21,53	-0,26
F459	CASA	8.911.128,514	707.790,119	149,294	117°43'33"	335°44'53"	28,73	-0,77
F460	CASA	8.911.141,968	707.767,957	150,101	88°30'11"	306°31'31"	3,27	0,04
F461	CASA	8.911.128,413	707.763,527	150,258	184°54'41"	42°56'01"	13,52	0,19
F462	CASA	8.911.134,490	707.754,750	150,448	233°20'52"	91°22'12"	12,38	0,38
D135	POSTE	8.911.136,422	707.755,252	150,587	239°56'07"	97°57'27"	10,90	0,52
M3018	MEIO FIU	8.911.136,919	707.755,848	150,388	240°40'28"	98°41'48"	10,14	0,32
M3019	MEIO FIU	8.911.141,579	707.766,518	149,942	99°24'42"	317°26'02"	1,86	-0,12
M3020	MEIO FIU	8.911.146,632	707.756,136	150,269	299°03'24"	157°04'44"	9,78	0,21
M3021	MEIO FIU	8.911.145,070	707.755,023	150,380	288°15'36"	146°16'56"	10,17	0,32
F463	CASA	8.911.148,910	707.758,023	150,134	316°31'41"	174°33'01"	9,68	0,07
E587	EIXO	8.911.139,465	707.759,866	150,364	243°21'27"	101°22'47"	5,39	0,30
E588	EIXO	8.911.162,646	707.771,059	149,412	17°03'55"	235°05'15"	21,72	-0,65
C3016	CERCA	8.911.165,743	707.765,779	149,452	2°37'29"	220°38'49"	23,89	-0,61
C3017	CERCA	8.911.160,237	707.774,583	149,554	28°20'13"	246°21'33"	20,85	-0,51
C3018	CERCA	8.911.143,410	707.765,884	150,099	38°08'10"	256°09'30"	1,94	0,04
D136	POSTE	8.911.173,814	707.772,784	149,400	14°13'56"	232°15'16"	32,94	-0,66
F464	CASA	8.911.168,553	707.780,998	149,272	31°27'06"	249°28'26"	31,26	-0,79
C3019	CERCA	8.911.185,949	707.787,233	148,847	27°05'54"	245°07'14"	49,50	-1,22
C3020	CERCA	8.911.189,548	707.779,092	149,168	16°49'06"	234°50'26"	49,80	-0,90

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Nome	Descrição	Norte	Este	Cota
TP112	EST	8.911.141,882	707.764,685	150,063

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E589	EIXO	8.911.187,552	707.783,118	148,742	21°58'47"	240°00'07"	49,25	-1,32
D137	POSTE	8.911.203,922	707.786,758	149,239	19°35'08"	237°36'28"	65,85	-0,82
E590	EIXO	8.911.211,807	707.794,223	149,190	22°54'03"	240°55'23"	75,91	-0,87
C3021	CERCA	8.911.209,836	707.798,185	149,177	26°14'33"	244°15'53"	75,76	-0,89
C3022	CERCA	8.911.213,359	707.791,297	149,454	20°25'17"	238°26'37"	76,27	-0,61
C3023	CERCA	8.911.238,288	707.803,781	150,344	22°04'27"	240°05'47"	104,03	0,28
C3024	CERCA	8.911.235,263	707.810,601	150,139	26°11'02"	244°12'22"	104,06	0,08
E591	EIXO	8.911.237,053	707.807,307	150,081	24°07'31"	242°08'51"	104,28	0,02
F465	CASA	8.911.250,170	707.821,300	152,449	27°36'06"	245°37'26"	122,19	2,39
E592	EIXO	8.911.261,856	707.818,421	151,342	24°07'39"	242°08'59"	131,46	1,28
C3025	CERCA	8.911.262,930	707.815,965	151,817	22°57'34"	240°58'54"	131,46	1,75
C3026	CERCA	8.911.260,312	707.822,440	151,655	25°59'50"	244°01'10"	131,76	1,59
C3027	CERCA	8.911.285,271	707.833,930	153,129	25°46'36"	243°47'56"	159,23	3,07
C3028	CERCA	8.911.287,779	707.828,305	153,271	23°33'37"	241°34'57"	159,16	3,21
E593	EIXO	8.911.287,093	707.831,135	153,147	24°35'22"	242°36'42"	159,69	3,08
E594	EIXO	8.911.312,734	707.843,063	154,111	24°38'36"	242°39'56"	187,97	4,05
C3029	CERCA	8.911.314,572	707.840,659	154,532	23°44'49"	241°46'09"	188,66	4,47
C3030	CERCA	8.911.311,683	707.846,085	154,281	25°36'45"	243°38'05"	188,30	4,22
C3031	CERCA	8.911.339,056	707.851,996	155,075	23°53'04"	241°54'24"	215,64	5,01
C3032	CERCA	8.911.336,221	707.857,383	154,929	25°30'03"	243°31'23"	215,31	4,87
E595	EIXO	8.911.337,756	707.854,976	154,797	24°44'53"	242°46'13"	215,68	4,73
F466	CASA	8.911.317,078	707.834,416	155,004	21°42'12"	239°43'32"	188,56	4,94
F467	CASA	8.911.154,672	707.736,377	151,093	294°18'51"	152°20'11"	31,06	1,03
D139	POSTE	8.911.143,685	707.734,769	151,392	273°26'54"	131°28'14"	29,97	1,33
M3022	MEIO FIU	8.911.152,746	707.732,686	151,203	288°45'06"	146°46'26"	33,79	1,14
M3023	MEIO FIU	8.911.146,109	707.730,172	151,280	276°58'53"	135°00'13"	34,77	1,22
E596	EIXO	8.911.149,487	707.730,952	151,399	282°42'13"	140°43'33"	34,58	1,34
E597	EIXO	8.911.158,180	707.705,525	152,412	285°24'06"	143°25'26"	61,36	2,35
E597	EIXO	8.911.156,482	707.710,056	152,229	284°57'46"	142°59'06"	56,55	2,17
M3024	MEIO FIU	8.911.160,155	707.711,145	152,055	288°50'39"	146°51'59"	56,57	1,99
M3025	MEIO FIU	8.911.155,030	707.704,138	152,361	282°15'05"	140°16'25"	61,96	2,30
M3026	MEIO FIU	8.911.152,364	707.712,000	152,017	281°15'09"	139°16'29"	53,72	1,95
D140	POSTE	8.911.154,892	707.702,821	152,439	281°52'34"	139°53'54"	63,22	2,38
C3033	CERCA	8.911.154,123	707.703,692	152,422	281°20'51"	139°22'11"	62,21	2,36
F468	CASA	8.911.151,186	707.712,458	152,081	280°06'02"	138°07'22"	53,05	2,02
E598	EIXO	8.911.152,325	707.708,667	152,147	280°33'33"	138°34'53"	56,98	2,08
F469	CASA	8.911.160,086	707.714,312	151,910	289°52'07"	147°53'27"	53,56	1,85
E599	EIXO	8.911.165,859	707.682,919	153,351	286°20'35"	144°21'55"	85,21	3,29
M3027	MEIO FIU	8.911.162,666	707.682,030	153,349	284°06'51"	142°08'11"	85,23	3,29
M3028	MEIO FIU	8.911.169,376	707.684,346	153,174	288°53'31"	146°54'51"	84,91	3,11
C3034	CERCA	8.911.170,620	707.683,932	153,273	289°35'22"	147°36'42"	85,71	3,21
C3035	CERCA	8.911.162,391	707.680,753	153,640	283°43'52"	141°45'12"	86,40	3,58
D141	POSTE	8.911.167,666	707.664,535	154,275	284°26'13"	142°27'33"	103,42	4,21
F470	CASA	8.911.166,229	707.651,241	155,647	282°06'45"	140°08'05"	116,03	5,58
C3036	CERCA	8.911.171,521	707.654,322	154,708	285°01'57"	143°03'17"	114,27	4,64

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Nome	Descrição	Norte	Este	Cota
TP112	EST	8.911.141,882	707.764,685	150,063

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3037	CERCA	8.911.180,018	707.657,298	154,539	289°33'04"	147°34'24"	113,96	4,48
M3029	MEIO FIU	8.911.178,812	707.656,843	154,544	288°54'11"	146°55'31"	113,99	4,48
M3030	MEIO FIU	8.911.172,082	707.654,771	154,662	285°21'48"	143°23'08"	113,99	4,60
E600	EIXO	8.911.175,440	707.655,289	154,655	287°03'12"	145°04'32"	114,43	4,59
F471	CASA	8.911.181,437	707.652,389	154,774	289°24'14"	147°25'34"	119,06	4,71
F472	CASA	8.911.177,887	707.629,476	156,156	284°54'40"	142°56'00"	139,92	6,09
M3031	MEIO FIU	8.911.181,248	707.628,171	156,056	286°05'08"	144°06'28"	142,08	5,99
M3032	MEIO FIU	8.911.187,737	707.631,135	155,874	288°57'00"	146°58'20"	141,20	5,81
E601	EIXO	8.911.184,084	707.629,476	156,041	287°20'03"	145°21'23"	141,64	5,98
C3038	CERCA	8.911.178,149	707.633,519	156,044	285°27'20"	143°28'40"	136,09	5,98
D142	POSTE	8.911.181,449	707.623,324	156,474	285°38'12"	143°39'32"	146,79	6,41
F473	CASA	8.911.199,368	707.602,873	157,383	289°33'29"	147°34'49"	171,72	7,32
TP113_apaga		8.911.200,540	707.590,468	158,135	288°36'29"	146°37'49"	183,83	8,07
TP111		8.911.086,106	707.808,297	149,497	141°58'40"	0°00'00"	70,80	-0,57

Nome	Descrição	Norte	Este	Cota
TP113	EST	8.911.200,541	707.590,458	158,140

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3039	CERCA	8.911.138,258	707.700,545	153,543	119°29'59"	10°53'33"	126,48	-4,60
E602	EIXO	8.911.136,934	707.703,214	153,277	119°25'41"	10°49'15"	129,46	-4,86
E603	EIXO	8.911.192,051	707.606,574	157,332	117°46'58"	9°10'31"	18,21	-0,81
M3033	MEIO FIU	8.911.195,775	707.607,574	157,102	105°33'38"	356°57'11"	17,77	-1,04
M3034	MEIO FIU	8.911.189,076	707.605,517	157,367	127°17'03"	18°40'36"	18,93	-0,77
F474	CASA	8.911.172,010	707.611,500	157,856	143°35'26"	34°58'59"	35,45	-0,28
F475	CASA	8.911.173,946	707.603,618	158,753	153°40'22"	45°03'55"	29,67	0,61
F476	CASA	8.911.190,778	707.590,617	158,771	179°04'11"	70°27'44"	9,76	0,63
F477	CASA	8.911.194,520	707.583,746	159,149	228°06'26"	119°29'59"	9,02	1,01
F478	CASA	8.911.203,999	707.596,254	157,533	59°10'34"	310°34'07"	6,75	-0,61
F479	CASA	8.911.206,992	707.582,512	158,433	309°04'06"	200°27'39"	10,24	0,29
D143	POSTE	8.911.195,757	707.580,736	158,897	243°48'02"	135°11'35"	10,84	0,76
M3035	MEIO FIU	8.911.199,012	707.576,293	158,970	263°50'25"	155°13'58"	14,25	0,83
M3036	MEIO FIU	8.911.205,216	707.580,086	158,636	294°15'37"	185°39'10"	11,38	0,50
M3037	MEIO FIU	8.911.205,811	707.575,215	158,962	289°04'20"	180°27'53"	16,13	0,82
E604	EIXO	8.911.201,974	707.577,271	158,969	276°12'02"	167°35'35"	13,27	0,83
E605	EIXO	8.911.200,107	707.551,266	160,577	269°21'58"	160°45'31"	39,20	2,44
M3038	MEIO FIU	8.911.203,354	707.551,034	160,405	274°04'50"	165°28'23"	39,52	2,26
M3039	MEIO FIU	8.911.196,595	707.551,320	160,635	264°14'35"	155°38'08"	39,34	2,50
F480	CASA	8.911.208,609	707.556,027	160,040	283°11'18"	174°34'51"	35,36	1,90
F481	CASA	8.911.209,044	707.549,761	160,185	281°48'04"	173°11'37"	41,58	2,04
F482	CASA	8.911.207,084	707.520,849	162,218	275°22'10"	166°45'43"	69,92	4,08
F483	CASA	8.911.188,423	707.529,912	162,945	258°40'55"	150°04'28"	61,75	4,80
D144	POSTE	8.911.194,106	707.539,905	161,244	262°44'43"	154°08'16"	50,96	3,10
AV082	ARVORE	8.911.192,210	707.528,863	162,230	262°17'51"	153°41'24"	62,16	4,09
AV083	ARVORE	8.911.201,833	707.525,895	162,020	271°08'47"	162°32'20"	64,58	3,88

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Nome	Descrição	Norte	Este	Cota
TP113	EST	8.911.200,541	707.590,458	158,140

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
M3040	MEIO FIU	8.911.193,156	707.520,429	162,459	263°58'48"	155°22'21"	70,42	4,32
M3041	MEIO FIU	8.911.200,180	707.519,633	162,484	269°42'29"	161°06'02"	70,83	4,34
E606	EIXO	8.911.196,505	707.519,777	162,438	266°43'54"	158°07'27"	70,80	4,30
E607	EIXO	8.911.194,865	707.493,275	163,829	266°39'26"	158°02'59"	97,35	5,69
C3040	CERCA	8.911.186,201	707.492,833	164,280	261°38'37"	153°02'10"	98,67	6,14
D145	POSTE	8.911.189,438	707.502,563	163,633	262°48'01"	154°11'34"	88,59	5,49
F484	CASA	8.911.187,311	707.499,730	164,120	261°42'13"	153°05'46"	91,69	5,98
F485	CASA	8.911.204,726	707.503,723	163,053	272°45'44"	164°09'17"	86,84	4,91
F486	CASA	8.911.206,064	707.492,180	163,837	273°12'59"	164°36'32"	98,43	5,70
F487	CASA	8.911.204,931	707.483,434	164,195	272°20'56"	163°44'29"	107,11	6,06
F488	CASA	8.911.203,146	707.475,348	164,978	271°17'47"	162°41'20"	115,14	6,84
AV084	ARVORE	8.911.201,376	707.497,992	163,507	270°31'02"	161°54'35"	92,47	5,37
AV085	ARVORE	8.911.200,355	707.481,919	164,482	269°54'07"	161°17'40"	108,54	6,34
AV086	ARVORE	8.911.195,750	707.476,144	164,996	267°36'00"	158°59'33"	114,41	6,86
C3041	CERCA	8.911.193,143	707.470,868	165,313	266°27'37"	157°51'10"	119,82	7,17
C3042	CERCA	8.911.184,446	707.471,165	165,459	262°18'58"	153°42'31"	120,37	7,32
E608	EIXO	8.911.190,453	707.470,600	164,882	265°11'20"	156°34'53"	120,28	6,74
D146	POSTE	8.911.184,258	707.459,897	166,122	262°53'27"	154°17'00"	131,57	7,98
F489	CASA	8.911.199,733	707.460,888	166,051	269°38'34"	161°02'07"	129,57	7,91
F490	CASA	8.911.198,583	707.452,336	166,419	269°11'16"	160°34'49"	138,14	8,28
F491	CASA	8.911.178,932	707.448,926	167,003	261°19'09"	152°42'42"	143,17	8,86
E609	EIXO	8.911.190,624	707.441,863	166,735	266°10'55"	157°34'28"	148,93	8,59
C3043	CERCA	8.911.193,797	707.441,948	167,318	267°24'00"	158°47'33"	148,66	9,18
C3044	CERCA	8.911.183,789	707.434,579	167,769	263°51'58"	155°15'31"	156,78	9,63
TP114_apaga		8.910.983,637	707.666,916	171,815	160°34'58"	51°58'31"	229,98	13,67
TP099_apaga		8.912.218,954	707.663,966	176,653	4°07'42"	255°31'15"	1.021,06	18,51
TP112_apaga		8.911.141,886	707.764,674	150,061	108°36'27"	360°00'00"	183,82	-8,08

Nome	Descrição	Norte	Este	Cota
TP114	EST	8.911.191,607	707.360,638	171,827

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D147	POSTE	8.911.185,138	707.420,841	168,507	96°08'02"	8°21'36"	60,55	-3,32
F492	CASA	8.911.179,088	707.415,493	169,209	102°51'24"	15°04'58"	56,26	-2,62
F493	CASA	8.911.180,723	707.401,325	169,657	104°58'37"	17°12'11"	42,12	-2,17
F494	CASA	8.911.196,992	707.414,343	168,700	84°16'28"	356°30'02"	53,97	-3,13
F495	CASA	8.911.197,872	707.399,416	170,127	80°49'26"	353°03'00"	39,28	-1,70
AV087	ARVORE	8.911.182,991	707.408,912	169,350	100°07'13"	12°20'47"	49,04	-2,48
E610	EIXO	8.911.189,698	707.409,744	168,605	92°13'36"	4°27'10"	49,14	-3,22
E611	EIXO	8.911.189,318	707.389,112	170,060	94°35'51"	6°49'25"	28,57	-1,77
AV088	ARVORE	8.911.183,816	707.385,513	170,470	107°23'33"	19°37'07"	26,07	-1,36
AV089	ARVORE	8.911.187,747	707.373,008	171,139	107°19'56"	19°33'30"	12,96	-0,69
D148	POSTE	8.911.186,260	707.378,888	170,778	106°19'53"	18°33'27"	19,02	-1,05
F496	CASA	8.911.185,008	707.374,874	171,030	114°52'21"	27°05'55"	15,69	-0,80
F497	CASA	8.911.204,848	707.378,648	171,179	53°40'35"	325°54'08"	22,35	-0,65

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Nome	Descrição	Norte	Este	Cota
TP114	EST	8.911.191,607	707.360,638	171,827

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
AV090	ARVORE	8.911.203,948	707.367,902	171,451	30°29'02"	302°42'35"	14,32	-0,38
AV091	ARVORE	8.911.205,176	707.355,830	171,761	340°29'12"	252°42'45"	14,40	-0,07
F498	CASA	8.911.210,442	707.354,511	171,826	341°58'41"	254°12'14"	19,81	0,00
E612	EIXO	8.911.200,158	707.345,978	172,031	300°15'06"	212°28'40"	16,97	0,20
D149	POSTE	8.911.198,956	707.339,750	172,625	289°22'59"	201°36'33"	22,14	0,80
H023	ORELHAO	8.911.197,733	707.339,676	172,646	286°17'22"	198°30'56"	21,84	0,82
F499	CASA	8.911.193,387	707.341,895	173,098	275°25'25"	187°38'59"	18,83	1,27
F500	CASA	8.911.198,583	707.323,493	174,078	280°38'09"	192°51'43"	37,79	2,25
F501	CASA	8.911.217,398	707.337,693	172,529	318°20'30"	230°34'03"	34,52	0,70
AV092	ARVORE	8.911.209,692	707.340,058	172,396	311°18'27"	223°32'00"	27,40	0,57
AV093	ARVORE	8.911.211,666	707.334,673	172,662	307°41'10"	219°54'43"	32,81	0,84
F502	CASA	8.911.222,677	707.324,603	173,310	310°46'05"	222°59'38"	47,58	1,48
F503	CASA	8.911.226,815	707.311,007	173,402	305°21'04"	217°34'37"	60,85	1,58
F504	CASA	8.911.207,217	707.302,182	174,038	284°57'03"	197°10'36"	60,50	2,21
D150	POSTE	8.911.215,190	707.301,801	173,975	291°50'29"	204°04'02"	63,39	2,15
E613	EIXO	8.911.222,132	707.303,761	173,678	298°13'16"	210°26'49"	64,55	1,85
AV094	ARVORE	8.911.232,307	707.294,623	174,585	301°39'17"	213°52'50"	77,55	2,76
AV095	ARVORE	8.911.228,568	707.280,566	175,009	294°46'40"	207°00'13"	88,19	3,18
F505	CASA	8.911.221,644	707.277,686	175,074	289°54'19"	202°07'52"	88,22	3,25
F506	CASA	8.911.240,311	707.289,102	174,428	304°14'53"	216°28'26"	86,54	2,60
F507	CASA	8.911.247,023	707.279,023	174,827	304°10'33"	216°24'06"	98,65	3,00
F508	CASA	8.911.230,086	707.262,707	175,740	291°27'02"	203°40'35"	105,22	3,91
D151	POSTE	8.911.229,908	707.266,934	175,699	292°13'54"	204°27'27"	101,23	3,87
E614	EIXO	8.911.243,092	707.271,762	174,776	300°05'00"	212°18'33"	102,71	2,95
F509	CASA	8.911.253,169	707.268,776	174,949	303°49'41"	216°03'14"	110,58	3,12
F510	CASA	8.911.257,981	707.262,000	175,232	303°56'13"	216°09'46"	118,89	3,41
F511	CASA	8.911.259,733	707.256,850	175,312	303°16'50"	215°30'23"	124,15	3,49
F512	CASA	8.911.265,706	707.247,731	175,612	303°16'34"	215°30'07"	135,05	3,79
F513	CASA	8.911.247,882	707.241,548	177,048	295°17'34"	207°31'07"	131,72	5,22
F514	CASA	8.911.255,513	707.233,193	176,820	296°37'51"	208°51'24"	142,57	4,99
D152	POSTE	8.911.254,951	707.235,943	176,454	296°55'49"	209°09'22"	139,86	4,63
AV096	ARVORE	8.911.260,038	707.237,594	176,106	299°04'50"	211°18'23"	140,79	4,28
E615	EIXO	8.911.264,281	707.239,851	175,801	301°02'02"	213°15'35"	140,96	3,97
AV097	ARVORE	8.911.270,466	707.240,744	175,979	303°20'04"	215°33'37"	143,50	4,15
F515	CASA	8.911.273,860	707.236,008	176,276	303°25'26"	215°38'59"	149,33	4,45
F516	CASA	8.911.277,263	707.230,583	176,400	303°22'10"	215°35'43"	155,73	4,57
F517	CASA	8.911.261,588	707.227,207	176,857	297°40'33"	209°54'06"	150,67	5,03
F518	CASA	8.911.276,317	707.206,624	178,072	298°48'41"	211°02'14"	175,77	6,25
D153	POSTE	8.911.280,370	707.204,585	177,753	299°37'52"	211°51'25"	179,53	5,93
F519	CASA	8.911.295,625	707.206,235	177,517	303°58'02"	216°11'35"	186,17	5,69
E616	EIXO	8.911.291,158	707.198,910	177,768	301°36'51"	213°50'24"	189,91	5,94
C3045	CERCA	8.911.308,236	707.168,381	178,735	301°14'32"	213°28'05"	224,87	6,91
C3046	CERCA	8.911.313,889	707.172,575	178,768	303°01'58"	215°15'31"	224,32	6,94
E617	EIXO	8.911.311,474	707.171,218	178,496	302°19'34"	214°33'07"	224,16	6,67
F520	CASA	8.911.304,982	707.158,199	179,577	299°15'03"	211°28'36"	232,03	7,75

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Nome	Descrição	Norte	Este	Cota
TP114	EST	8.911.191,607	707.360,638	171,827

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3047	CERCA	8.911.331,341	707.146,071	178,923	303°04'25"	215°17'58"	256,06	7,10
C3048	CERCA	8.911.325,090	707.142,593	179,645	301°28'27"	213°42'00"	255,66	7,82
E618	EIXO	8.911.328,712	707.145,564	178,704	302°31'00"	214°44'33"	255,06	6,88
TP113_apaga		8.911.200,541	707.590,447	158,132	87°46'26"	0°00'00"	229,98	-13,69

Nome	Descrição	Norte	Este	Cota
TP108	EST	8.910.758,889	708.879,668	185,458

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C909	CERCA	8.910.774,622	708.791,751	183,419	280°08'47"	357°02'10"	89,31	-2,04
C3049	CERCA	8.910.773,558	708.820,992	184,091	284°02'12"	0°55'35"	60,48	-1,37
C3050	CERCA	8.910.767,259	708.820,418	184,031	278°02'29"	354°55'52"	59,84	-1,43
F521	CASA	8.910.781,798	708.813,630	183,874	289°07'56"	6°01'19"	69,90	-1,58
F522	CASA	8.910.768,905	708.794,999	183,702	276°44'49"	353°38'12"	85,26	-1,76
D154	POSTE	8.910.776,658	708.791,160	183,322	281°21'08"	358°14'31"	90,27	-2,14
D155	POSTE	8.910.766,965	708.827,825	184,333	278°51'15"	355°44'38"	52,47	-1,12
E619	EIXO	8.910.771,382	708.819,903	183,788	281°48'27"	358°41'50"	61,06	-1,67
E620	EIXO	8.910.764,054	708.848,019	184,482	279°16'11"	356°09'34"	32,07	-0,98
C3051	CERCA	8.910.766,803	708.849,306	184,887	284°36'33"	1°29'56"	31,38	-0,57
C3052	CERCA	8.910.760,587	708.847,820	184,760	273°03'07"	349°56'30"	31,89	-0,70
D156	POSTE	8.910.756,769	708.867,694	185,382	259°57'42"	336°51'05"	12,16	-0,08
C3053	CERCA	8.910.753,565	708.876,578	185,627	210°07'38"	287°01'01"	6,16	0,17
C3054	CERCA	8.910.760,843	708.878,071	185,435	320°44'22"	37°37'45"	2,52	-0,02
F523	CASA	8.910.763,648	708.883,776	185,849	40°47'59"	117°41'22"	6,29	0,39
E621	EIXO	8.910.757,335	708.877,230	185,296	237°29'18"	314°22'41"	2,89	-0,16
E622	EIXO	8.910.750,893	708.905,554	186,135	107°09'51"	184°03'14"	27,09	0,68
C3055	CERCA	8.910.754,008	708.906,267	186,573	100°23'53"	177°17'16"	27,04	1,11
C3056	CERCA	8.910.746,196	708.903,758	186,272	117°47'06"	194°40'29"	27,23	0,81
D157	POSTE	8.910.747,352	708.904,372	186,512	115°01'55"	191°55'18"	27,27	1,05
D158	POSTE	8.910.738,853	708.937,869	187,389	108°59'47"	185°53'10"	61,55	1,93
C3057	CERCA	8.910.737,970	708.937,629	187,391	109°50'43"	186°44'06"	61,62	1,93
C3058	CERCA	8.910.747,836	708.939,631	187,632	100°26'39"	177°20'02"	60,97	2,17
E623	EIXO	8.910.744,545	708.938,982	187,100	103°35'40"	180°29'03"	61,02	1,64
E624	EIXO	8.910.739,063	708.969,572	188,109	102°26'10"	179°19'33"	92,06	2,65
C3059	CERCA	8.910.742,088	708.970,418	188,650	100°29'19"	177°22'42"	92,29	3,19
C3060	CERCA	8.910.732,092	708.965,647	187,779	107°18'38"	184°12'01"	90,06	2,32
F524	CASA	8.910.727,094	708.969,801	187,919	109°25'50"	186°19'13"	95,58	2,46
D159	POSTE	8.910.726,007	708.987,918	188,864	106°53'48"	183°47'11"	113,13	3,41
C3061	CERCA	8.910.723,348	709.004,837	189,547	105°51'06"	182°44'29"	130,12	4,09
C3062	CERCA	8.910.731,194	709.007,810	189,575	102°11'44"	179°05'07"	131,10	4,12
F525	CASA	8.910.737,512	709.009,351	190,045	99°21'37"	176°15'00"	131,43	4,59
E625	EIXO	8.910.728,159	709.007,470	189,559	103°31'13"	180°24'36"	131,44	4,10
E626	EIXO	8.910.719,207	709.035,222	190,606	104°18'40"	181°12'03"	160,54	5,15
D160	POSTE	8.910.717,466	709.029,514	190,747	105°27'10"	182°20'33"	155,47	5,29
F526	CASA	8.910.724,693	709.047,497	191,301	101°31'00"	178°24'23"	171,28	5,84

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Nome	Descrição	Norte	Este	Cota
TP108	EST	8.910.758,889	708.879,668	185,458

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3063	CERCA	8.910.723,173	709.034,850	190,868	102°57'40"	179°51'03"	159,24	5,41
C3064	CERCA	8.910.715,584	709.032,367	190,745	105°49'59"	182°43'22"	158,72	5,29
C3065	CERCA	8.910.707,241	709.061,244	191,936	105°52'41"	182°46'04"	188,78	6,48
C3066	CERCA	8.910.714,584	709.062,809	192,013	103°35'58"	180°29'21"	188,42	6,55
D161	POSTE	8.910.705,446	709.070,705	192,456	105°37'45"	182°31'08"	198,37	7,00
E627	EIXO	8.910.710,825	709.063,940	191,726	104°37'08"	181°30'31"	190,44	6,27
E628	EIXO	8.910.701,771	709.097,526	193,356	104°41'28"	181°34'51"	225,22	7,90
D162	POSTE	8.910.695,479	709.105,373	194,112	105°41'32"	182°34'55"	234,44	8,65
C3067	CERCA	8.910.697,302	709.096,867	193,546	105°49'51"	182°43'14"	225,76	8,09
C3068	CERCA	8.910.704,139	709.100,280	193,808	103°56'16"	180°49'39"	227,30	8,35
C3069	CERCA	8.910.695,451	709.130,741	195,229	104°10'48"	181°04'11"	258,96	9,77
C3070	CERCA	8.910.688,492	709.128,806	195,471	105°46'42"	182°40'05"	258,89	10,01
E629	EIXO	8.910.692,112	709.129,678	195,028	104°57'16"	181°50'39"	258,77	9,57
D163	POSTE	8.910.684,117	709.144,731	196,154	105°45'12"	182°38'35"	275,41	10,70
F527	CASA	8.910.696,449	709.154,808	196,411	102°47'10"	179°40'33"	282,14	10,95
C3071	CERCA	8.910.687,023	709.158,687	196,495	104°26'37"	181°20'00"	288,13	11,04
C3072	CERCA	8.910.680,595	709.156,723	196,774	105°46'48"	182°40'11"	287,90	11,32
E630	EIXO	8.910.683,461	709.157,998	196,378	105°09'47"	182°03'10"	288,37	10,92
E631	EIXO	8.910.675,837	709.185,087	197,527	105°12'45"	182°06'08"	316,51	12,07
D164	POSTE	8.910.673,017	709.183,583	197,956	105°46'40"	182°40'03"	315,81	12,50
C3073	CERCA	8.910.672,900	709.183,267	197,847	105°48'50"	182°42'13"	315,54	12,39
C3074	CERCA	8.910.678,905	709.185,837	198,012	104°38'27"	181°31'50"	316,44	12,55
C3075	CERCA	8.910.670,290	709.214,059	199,369	104°50'24"	181°43'47"	345,93	13,91
C3076	CERCA	8.910.664,552	709.212,303	199,390	105°50'01"	182°43'24"	345,75	13,93
D165	POSTE	8.910.661,987	709.222,245	199,720	105°47'39"	182°41'02"	356,02	14,26
F528	CASA	8.910.678,940	709.230,938	200,064	102°49'20"	179°42'43"	360,25	14,61
E632	EIXO	8.910.667,198	709.214,298	198,861	105°19'24"	182°12'47"	346,96	13,40
E633	EIXO	8.910.657,631	709.248,067	200,753	105°22'08"	182°15'31"	382,06	15,29
C3077	CERCA	8.910.654,626	709.247,107	201,199	105°50'30"	182°43'53"	381,95	15,74
C3078	CERCA	8.910.660,344	709.248,466	200,903	104°57'37"	181°51'00"	381,74	15,44
C3079	CERCA	8.910.646,950	709.274,420	202,470	105°49'54"	182°43'17"	410,32	17,01
C3080	CERCA	8.910.652,452	709.276,397	202,487	105°01'05"	181°54'28"	410,76	17,03
E634	EIXO	8.910.649,582	709.275,687	202,129	105°25'49"	182°19'12"	410,83	16,67
TP115_apaga		8.911.202,541	708.793,647	204,195	349°01'37"	65°55'00"	451,92	18,74

Nome	Descrição	Norte	Este	Cota
TP116	EST	8.910.597,782	709.476,776	209,549

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
TP115_apaga		8.910.640,503	709.315,825	204,182	284°51'55"	176°25'52"	166,52	-5,37
C3097	CERCA	8.910.589,340	709.507,039	210,446	105°35'12"	357°09'10"	31,42	0,90
C3098	CERCA	8.910.582,298	709.504,553	210,421	119°08'12"	10°42'10"	31,80	0,87
E643	EIXO	8.910.586,549	709.505,874	210,222	111°06'31"	2°40'29"	31,19	0,67
E644	EIXO	8.910.578,751	709.532,152	210,608	108°57'58"	0°31'56"	58,55	1,06
C3099	CERCA	8.910.581,352	709.533,233	210,831	106°13'33"	357°47'31"	58,80	1,28

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Nome	Descrição	Norte	Este	Cota
TP116	EST	8.910.597,782	709.476,776	209,549

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3100	CERCA	8.910.575,035	709.530,966	210,904	112°46'16"	4°20'14"	58,77	1,36
C3101	CERCA	8.910.573,123	709.560,295	210,906	106°26'58"	358°00'56"	87,08	1,36
C3102	CERCA	8.910.566,631	709.559,281	210,679	110°41'04"	2°15'02"	88,19	1,13
E645	EIXO	8.910.570,120	709.561,020	210,672	108°10'41"	359°44'39"	88,67	1,12
E646	EIXO	8.910.560,779	709.591,580	210,175	107°51'53"	359°25'51"	120,62	0,63
C3103	CERCA	8.910.557,047	709.591,078	210,418	109°36'53"	1°10'51"	121,34	0,87
C3104	CERCA	8.910.563,038	709.593,759	210,497	106°32'28"	358°06'26"	122,03	0,95
C3105	CERCA	8.910.554,118	709.623,809	209,363	106°32'23"	358°06'21"	153,38	-0,19
C3106	CERCA	8.910.547,813	709.622,751	209,636	108°53'47"	0°27'45"	154,29	0,09
E547	EIXO	8.910.551,207	709.623,935	209,252	107°33'44"	359°07'42"	154,35	-0,30
TP117_apaga		8.910.549,539	709.621,512	209,358	108°26'02"	360°00'00"	152,56	-0,19

Nome	Descrição	Norte	Este	Cota
TP117	EST	8.910.549,538	709.621,515	209,375

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3107	CERCA	8.910.540,823	709.646,352	208,928	109°20'09"	180°54'07"	26,32	-0,45
C3108	CERCA	8.910.547,237	709.648,494	209,035	94°52'28"	166°26'26"	27,08	-0,34
E648	EIXO	8.910.544,315	709.647,565	208,623	101°20'18"	172°54'16"	26,57	-0,75
APAGA	APAGA	8.910.538,682	709.678,013	207,716	100°52'37"	172°26'35"	57,53	-1,66
E649	EIXO	8.910.534,893	709.677,206	207,169	104°44'02"	176°18'00"	57,58	-2,21
C3109	CERCA	8.910.538,617	709.678,119	207,742	100°55'15"	172°29'13"	57,65	-1,63
C3110	CERCA	8.910.531,879	709.676,460	207,558	107°49'02"	179°23'00"	57,71	-1,82
C3111	CERCA	8.910.530,155	709.706,840	206,156	102°47'56"	174°21'54"	87,50	-3,22
C3112	CERCA	8.910.521,395	709.704,057	205,772	108°49'38"	180°23'36"	87,21	-3,60
E650	EIXO	8.910.525,312	709.705,403	205,603	106°06'30"	177°40'28"	87,32	-3,77
E651	EIXO	8.910.514,757	709.732,355	203,683	107°25'17"	178°59'15"	116,17	-5,69
C3113	CERCA	8.910.518,690	709.734,452	204,543	105°16'39"	176°50'37"	117,07	-4,83
C3114	CERCA	8.910.510,468	709.730,524	204,210	109°43'06"	181°17'04"	115,80	-5,16
C3115	CERCA	8.910.499,443	709.758,660	201,760	110°03'56"	181°37'54"	146,01	-7,61
C3116	CERCA	8.910.507,945	709.761,012	202,652	106°36'10"	178°10'08"	145,57	-6,72
E652	EIXO	8.910.503,618	709.759,093	202,334	108°27'28"	180°01'26"	145,04	-7,04

Nome	Descrição	Norte	Este	Cota
TP118	EST	8.910.473,617	709.786,737	199,702

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3117	CERCA	8.910.494,227	709.771,484	201,426	323°29'47"	28°49'02"	25,64	1,72
C3118	CERCA	8.910.500,144	709.774,971	201,283	336°04'49"	41°24'04"	29,02	1,58
E653	EIXO	8.910.496,930	709.774,117	200,839	331°34'19"	36°53'34"	26,51	1,14
E654	EIXO	8.910.485,788	709.799,837	199,010	47°06'25"	112°25'40"	17,88	-0,69
C3119	CERCA	8.910.483,050	709.798,765	199,112	51°53'38"	117°12'53"	15,29	-0,59
C3120	CERCA	8.910.489,101	709.800,320	199,482	41°15'35"	106°34'50"	20,60	-0,22
C3121	CERCA	8.910.481,012	709.820,321	197,888	77°34'58"	142°54'13"	34,39	-1,81
C3122	CERCA	8.910.473,907	709.821,507	198,153	89°31'18"	154°50'33"	34,77	-1,55

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Nome	Descrição	Norte	Este	Cota
TP118	EST	8.910.473,617	709.786,737	199,702

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E655	EIXO	8.910.478,179	709.822,136	197,889	82°39'26"	147°58'41"	35,69	-1,81
E656	EIXO	8.910.479,781	709.853,623	196,613	84°44'05"	150°03'20"	67,17	-3,09
C3123	CERCA	8.910.482,587	709.853,264	196,947	82°19'17"	147°38'32"	67,13	-2,75
C3124	CERCA	8.910.476,060	709.854,093	197,104	87°55'23"	153°14'38"	67,40	-2,60
C3125	CERCA	8.910.478,697	709.891,681	195,319	87°13'44"	152°32'59"	105,07	-4,38
C3126	CERCA	8.910.485,789	709.891,014	195,888	83°20'33"	148°39'48"	104,98	-3,81
E657	EIXO	8.910.482,155	709.891,780	195,009	85°21'12"	150°40'27"	105,39	-4,69
E658	EIXO	8.910.483,998	709.922,612	193,713	85°37'52"	150°57'07"	136,27	-5,99
C3127	CERCA	8.910.488,505	709.921,026	193,879	83°40'26"	148°59'41"	135,11	-5,82
C3128	CERCA	8.910.481,404	709.922,126	193,996	86°42'30"	152°01'45"	135,61	-5,71
C3129	CERCA	8.910.484,177	709.952,706	192,924	86°21'34"	151°40'49"	166,30	-6,78
C3130	CERCA	8.910.491,611	709.952,057	192,846	83°47'18"	149°06'33"	166,30	-6,86
E659	EIXO	8.910.487,818	709.954,857	192,621	85°10'18"	150°29'33"	168,72	-7,08
E660	EIXO	8.910.490,420	709.980,549	191,809	85°02'42"	150°21'57"	194,54	-7,89
C3131	CERCA	8.910.485,867	709.981,858	191,726	86°24'28"	151°43'43"	195,51	-7,98
C3132	CERCA	8.910.494,953	709.980,068	192,286	83°42'09"	149°01'24"	194,51	-7,42
C3133	CERCA	8.910.495,607	710.025,777	193,826	84°44'39"	150°03'54"	240,05	-5,88
C3134	CERCA	8.910.488,847	710.022,354	193,572	86°18'06"	151°37'21"	236,11	-6,13
E661	EIXO	8.910.491,061	710.023,687	193,119	85°47'23"	151°06'38"	237,59	-6,58
E662	EIXO	8.910.477,089	710.048,259	194,872	89°14'22"	154°33'37"	261,54	-4,83
C3135	CERCA	8.910.473,835	710.045,953	195,050	89°57'07"	155°16'22"	259,22	-4,65
C3136	CERCA	8.910.479,567	710.049,540	195,300	88°42'11"	154°01'26"	262,87	-4,40
AV099	ARVORE	8.910.465,461	710.070,070	196,576	91°38'56"	156°58'11"	283,45	-3,13
C3137	CERCA	8.910.457,713	710.070,096	196,651	93°12'45"	158°32'00"	283,81	-3,05
C3138	CERCA	8.910.462,321	710.074,024	197,105	92°15'06"	157°34'21"	287,51	-2,60
E663	EIXO	8.910.459,868	710.072,751	196,641	92°45'08"	158°04'23"	286,34	-3,06
E664	EIXO	8.910.438,830	710.095,655	197,786	96°25'30"	161°44'45"	310,87	-1,92
C3139	CERCA	8.910.440,604	710.098,240	198,191	96°02'59"	161°22'14"	313,25	-1,51
C3140	CERCA	8.910.436,052	710.093,579	198,077	96°58'47"	162°18'02"	309,13	-1,62
C3141	CERCA	8.910.412,195	710.117,784	199,167	100°30'40"	165°49'55"	336,70	-0,53
C3142	CERCA	8.910.416,119	710.122,410	199,110	99°43'12"	165°02'27"	340,56	-0,59
E665	EIXO	8.910.414,061	710.121,029	198,915	100°06'06"	165°25'21"	339,56	-0,79
E666	EIXO	8.910.390,878	710.143,095	200,509	103°04'17"	168°23'32"	365,84	0,81
C3143	CERCA	8.910.392,074	710.145,313	200,919	102°48'42"	168°07'57"	367,73	1,22
C3144	CERCA	8.910.388,029	710.140,622	200,640	103°35'46"	168°55'01"	364,09	0,94
F529	CASA	8.910.372,439	710.141,952	200,401	105°53'56"	171°13'11"	369,34	0,70
C3145	CERCA	8.910.366,671	710.160,968	201,761	105°56'55"	171°16'10"	389,21	2,06
C3146	CERCA	8.910.370,501	710.165,294	202,047	105°14'14"	170°33'29"	392,35	2,35
E667	EIXO	8.910.368,402	710.163,631	201,369	105°35'52"	170°55'07"	391,30	1,67
E668	EIXO	8.910.346,791	710.183,332	202,521	107°44'01"	173°03'16"	416,38	2,82
C3147	CERCA	8.910.348,498	710.185,342	202,676	107°25'36"	172°44'51"	417,78	2,97
C3148	CERCA	8.910.344,682	710.181,812	202,912	108°04'28"	173°23'43"	415,58	3,21
C3149	CERCA	8.910.323,349	710.198,912	203,714	110°01'50"	175°21'05"	438,71	4,01
C3150	CERCA	8.910.329,661	710.203,876	203,800	109°02'23"	174°21'38"	441,28	4,10
F530	CASA	8.910.315,623	710.187,954	203,005	111°29'38"	176°48'53"	431,21	3,30

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Nome	Descrição	Norte	Este	Cota
TP118	EST	8.910.473,617	709.786,737	199,702

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
E669	EIXO	8.910.327,022	710.202,154	203,382	109°26'14"	174°45'29"	440,52	3,68
E670	EIXO	8.910.308,000	710.223,347	204,621	110°46'23"	176°05'38"	466,97	4,92
C3151	CERCA	8.910.310,613	710.225,953	205,051	110°21'40"	175°40'55"	468,49	5,35
C3152	CERCA	8.910.304,862	710.221,690	204,834	111°12'20"	176°31'35"	466,54	5,13
F531	CASA	8.910.291,489	710.227,944	205,092	112°25'50"	177°45'05"	477,32	5,39
F532	CASA	8.910.302,039	710.257,122	206,688	110°02'24"	175°21'39"	500,70	6,99
F533	CASA	8.910.313,772	710.308,075	209,250	107°02'45"	172°22'00"	545,29	9,55
C3153	CERCA	8.910.289,436	710.251,779	206,353	111°36'22"	176°55'37"	500,19	6,65
C3154	CERCA	8.910.283,603	710.247,789	206,179	112°23'53"	177°43'08"	498,67	6,48
E671	EIXO	8.910.286,329	710.250,771	206,068	111°58'46"	177°18'01"	500,40	6,37
F534	CASA	8.910.272,819	710.251,792	206,394	113°21'12"	178°40'27"	506,55	6,69
TP119		8.910.675,747	709.144,478	212,271	287°28'11"	352°47'25"	673,31	12,57

Nome	Descrição	Norte	Este	Cota
TP119	EST	8.910.177,373	710.391,616	212,307

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D166	POSTE	8.910.277,611	710.255,462	206,515	306°21'39"	10°16'02"	169,07	-5,79
C3155	CERCA	8.910.261,531	710.275,377	207,663	305°54'18"	9°48'41"	143,51	-4,64
C3156	CERCA	8.910.266,973	710.279,822	207,891	308°42'41"	12°37'04"	143,27	-4,42
E672	EIXO	8.910.263,736	710.278,273	207,473	307°18'22"	11°12'45"	142,50	-4,83
E673	EIXO	8.910.247,271	710.300,459	208,436	307°28'49"	11°23'12"	114,87	-3,87
C3157	CERCA	8.910.252,296	710.302,420	208,846	310°01'46"	13°56'09"	116,49	-3,46
C3158	CERCA	8.910.244,718	710.297,746	208,670	305°39'23"	9°33'46"	115,53	-3,64
F535	CASA	8.910.250,954	710.304,774	209,767	310°16'28"	14°10'51"	113,82	-2,54
F536	CASA	8.910.237,931	710.327,022	209,763	313°09'10"	17°03'33"	88,54	-2,54
F537	CASA	8.910.199,553	710.316,529	209,888	286°27'23"	350°21'46"	78,29	-2,42
D167	POSTE	8.910.228,974	710.320,097	209,673	305°48'37"	9°43'00"	88,19	-2,63
C3159	CERCA	8.910.217,233	710.336,370	210,517	305°48'36"	9°42'59"	68,12	-1,79
C3160	CERCA	8.910.225,601	710.334,250	210,157	310°03'13"	13°57'36"	74,95	-2,15
E674	EIXO	8.910.223,085	710.333,243	209,899	308°03'52"	11°58'15"	74,14	-2,41
E675	EIXO	8.910.205,337	710.356,812	210,720	308°46'50"	12°41'13"	44,65	-1,59
C3161	CERCA	8.910.203,501	710.355,022	211,091	305°31'37"	9°26'00"	44,96	-1,22
C3162	CERCA	8.910.207,301	710.358,411	211,151	312°01'40"	15°56'03"	44,70	-1,16
C3163	CERCA	8.910.185,907	710.386,375	211,880	328°26'42"	32°21'05"	10,02	-0,43
C3164	CERCA	8.910.184,498	710.380,184	212,065	301°55'54"	5°50'17"	13,47	-0,24
E676	EIXO	8.910.185,351	710.382,404	211,841	310°53'44"	14°48'07"	12,19	-0,47
E677	EIXO	8.910.165,746	710.398,773	212,463	148°23'10"	212°17'33"	13,65	0,16
C3165	CERCA	8.910.163,553	710.396,876	212,692	159°09'43"	223°04'06"	14,79	0,38
C3166	CERCA	8.910.166,978	710.401,219	212,740	137°15'56"	201°10'19"	14,15	0,43
C3167	CERCA	8.910.146,752	710.409,715	213,040	149°24'53"	213°19'16"	35,57	0,73
C3168	CERCA	8.910.150,385	710.414,313	212,712	139°56'11"	203°50'34"	35,26	0,40
E678	EIXO	8.910.148,193	710.412,493	212,720	144°25'08"	208°19'31"	35,88	0,41
E679	EIXO	8.910.128,054	710.427,842	212,250	143°42'07"	207°36'30"	61,19	-0,06
C3169	CERCA	8.910.129,319	710.430,457	212,502	141°03'07"	204°57'30"	61,79	0,20

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Nome	Descrição	Norte	Este	Cota
TP119	EST	8.910.177,373	710.391,616	212,307

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3170	CERCA	8.910.125,801	710.425,669	212,296	146°33'47"	210°28'10"	61,80	-0,01
F538	CASA	8.910.112,459	710.420,805	212,681	155°47'18"	219°41'41"	71,17	0,37
F539	CASA	8.910.124,734	710.397,497	212,676	173°37'29"	237°31'52"	52,97	0,37
F540	CASA	8.910.144,699	710.383,098	212,612	194°36'43"	258°31'06"	33,77	0,30

Nome	Descrição	Norte	Este	Cota
TP120	EST	8.910.077,816	710.465,199	210,944

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3171	CERCA	8.910.099,327	710.446,644	211,896	319°13'14"	355°41'20"	28,41	0,95
C3172	CERCA	8.910.103,136	710.451,541	211,829	331°39'23"	8°07'29"	28,77	0,89
E680	EIXO	8.910.101,176	710.449,367	211,412	325°52'24"	2°20'30"	28,22	0,47
E681	EIXO	8.910.077,557	710.470,218	210,653	92°57'04"	129°25'10"	5,03	-0,29
F541	CASA	8.910.075,278	710.457,152	211,143	252°29'36"	288°57'42"	8,44	0,20
C3173	CERCA	8.910.075,674	710.467,134	210,986	137°54'05"	174°22'11"	2,89	0,04
C3174	CERCA	8.910.079,616	710.471,748	211,118	74°37'43"	111°05'49"	6,79	0,17
C3175	CERCA	8.910.061,496	710.487,956	209,830	125°38'43"	162°06'49"	28,00	-1,11
C3176	CERCA	8.910.056,414	710.484,967	209,862	137°16'18"	173°44'24"	29,13	-1,08
E682	EIXO	8.910.058,927	710.487,355	209,546	130°26'57"	166°55'03"	29,12	-1,40
E683	EIXO	8.910.038,799	710.510,908	208,296	130°29'03"	166°57'09"	60,10	-2,65
C3177	CERCA	8.910.036,091	710.509,587	208,692	133°13'44"	169°41'50"	60,92	-2,25
C3178	CERCA	8.910.040,738	710.514,209	208,618	127°06'32"	163°34'38"	61,46	-2,33
F542	CASA	8.910.043,110	710.528,660	208,095	118°40'24"	155°08'30"	72,33	-2,85
F543	CASA	8.910.008,045	710.532,418	207,604	136°04'01"	172°32'07"	96,88	-3,34
C3179	CERCA	8.910.012,120	710.538,795	207,190	131°45'15"	168°13'21"	98,65	-3,75
C3180	CERCA	8.910.017,183	710.544,128	207,424	127°31'52"	163°59'58"	99,53	-3,52
E684	EIXO	8.910.014,631	710.542,777	207,011	129°09'42"	165°37'48"	100,05	-3,93
E685	EIXO	8.909.995,409	710.567,196	205,982	128°56'10"	165°24'16"	131,13	-4,96
F544	CASA	8.909.981,895	710.564,673	206,561	133°57'30"	170°25'36"	138,19	-4,38
C3181	CERCA	8.909.992,573	710.565,209	206,621	130°26'32"	166°54'38"	131,41	-4,32
C3182	CERCA	8.909.997,253	710.569,267	206,333	127°44'41"	164°12'47"	131,61	-4,61
C3183	CERCA	8.909.979,766	710.591,454	205,453	127°49'59"	164°18'05"	159,86	-5,49
C3184	CERCA	8.909.974,359	710.587,804	205,518	130°09'30"	166°37'36"	160,42	-5,43
E686	EIXO	8.909.977,102	710.589,770	205,099	128°57'18"	165°25'24"	160,19	-5,84
E687	EIXO	8.909.963,329	710.606,128	204,677	129°05'22"	165°33'28"	181,57	-6,27
C3185	CERCA	8.909.965,630	710.608,897	204,798	127°58'45"	164°26'51"	182,30	-6,15
C3186	CERCA	8.909.961,490	710.603,413	204,941	130°05'06"	166°33'12"	180,65	-6,00
C3187	CERCA	8.909.943,266	710.610,919	204,707	132°43'04"	169°11'10"	198,34	-6,24
C3188	CERCA	8.909.945,915	710.616,678	204,581	131°02'52"	167°30'58"	200,86	-6,36
E688	EIXO	8.909.944,572	710.613,576	204,498	131°55'27"	168°23'33"	199,42	-6,45
E689	EIXO	8.909.925,289	710.622,912	204,447	134°02'32"	170°30'38"	219,40	-6,50
F545	CASA	8.909.915,143	710.607,529	205,112	138°48'57"	175°17'03"	216,15	-5,83
F546	CASA	8.909.900,957	710.613,785	205,687	139°57'54"	176°26'00"	230,99	-5,26
F547	CASA	8.909.899,139	710.633,349	205,409	136°44'19"	173°12'25"	245,36	-5,53
C3189	CERCA	8.909.922,610	710.620,380	205,015	135°00'17"	171°28'23"	219,48	-5,93

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Nome	Descrição	Norte	Este	Cota
TP120	EST	8.910.077,816	710.465,199	210,944

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3190	CERCA	8.909.927,056	710.624,642	204,536	133°23'48"	169°51'54"	219,43	-6,41
C3191	CERCA	8.909.919,750	710.636,172	204,389	132°45'13"	169°13'19"	232,84	-6,55
C3192	CERCA	8.909.907,850	710.660,607	204,162	131°01'00"	167°29'06"	258,98	-6,78
C3193	CERCA	8.909.903,979	710.659,104	204,207	131°52'35"	168°20'41"	260,42	-6,74
E690	EIXO	8.909.906,031	710.659,818	204,011	131°26'02"	167°54'08"	259,59	-6,93
F548	CASA	8.909.881,682	710.665,274	204,909	134°25'48"	170°53'54"	280,18	-6,03
F549	CASA	8.909.903,602	710.695,827	202,759	127°04'01"	163°32'07"	289,03	-8,19
C3194	CERCA	8.909.897,577	710.694,473	203,260	128°10'19"	164°38'25"	291,64	-7,68
C3195	CERCA	8.909.890,823	710.693,132	204,018	129°21'54"	165°50'00"	294,82	-6,93
E691	EIXO	8.909.895,037	710.693,565	203,307	128°40'23"	165°08'29"	292,50	-7,64
D168	POSTE	8.909.889,171	710.700,230	203,785	128°45'07"	165°13'13"	301,37	-7,16

Nome	Descrição	Norte	Este	Cota
TP121	EST	8.909.875,040	710.721,740	203,797

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F550	CASA	8.909.897,387	710.715,706	202,796	344°53'23"	36°33'58"	23,15	-1,00
C3196	CERCA	8.909.891,659	710.716,968	203,055	343°58'42"	35°39'17"	17,29	-0,74
C3197	CERCA	8.909.885,384	710.715,279	203,211	328°00'36"	19°41'11"	12,20	-0,59
E692	EIXO	8.909.888,713	710.716,382	202,922	338°36'03"	30°16'38"	14,69	-0,87
E693	EIXO	8.909.881,164	710.746,284	202,707	75°59'22"	127°39'57"	25,30	-1,09
C3198	CERCA	8.909.884,709	710.747,229	202,634	69°13'30"	120°54'05"	27,26	-1,16
C3199	CERCA	8.909.876,459	710.745,874	203,334	86°38'06"	138°18'41"	24,18	-0,46
C3200	CERCA	8.909.879,072	710.774,611	201,223	85°38'21"	137°18'56"	53,02	-2,57
C3201	CERCA	8.909.871,376	710.776,855	201,460	93°48'12"	145°28'47"	55,24	-2,34
F551	CASA	8.909.838,682	710.760,730	204,064	132°59'58"	184°40'33"	53,31	0,27
F552	CASA	8.909.832,654	710.781,451	202,770	125°22'08"	177°02'43"	73,23	-1,03
E694	EIXO	8.909.875,337	710.776,224	200,866	89°41'15"	141°21'50"	54,48	-2,93
E695	EIXO	8.909.869,740	710.802,822	199,199	93°44'24"	145°24'59"	81,25	-4,60
C3202	CERCA	8.909.872,331	710.803,846	199,145	91°53'24"	143°33'59"	82,15	-4,65
C3203	CERCA	8.909.866,321	710.802,458	200,197	96°09'53"	147°50'28"	81,19	-3,60
T3000	TALUDE	8.909.867,328	710.802,510	199,378	95°27'14"	147°07'49"	81,14	-4,42
T3001	TALUDE	8.909.863,025	710.823,167	198,197	96°45'21"	148°25'56"	102,14	-5,60
C3204	CERCA	8.909.867,127	710.826,545	198,363	94°19'03"	145°59'38"	105,10	-5,43
C3205	CERCA	8.909.861,933	710.826,193	198,129	97°09'08"	148°49'43"	105,27	-5,67
E696	EIXO	8.909.864,471	710.826,505	197,822	95°45'38"	147°26'13"	105,30	-5,97
F553	CASA	8.909.890,048	710.844,335	196,574	83°01'15"	134°41'50"	123,51	-7,22
F554	CASA	8.909.883,450	710.861,483	195,747	86°33'22"	138°13'57"	140,00	-8,05
F555	CASA	8.909.816,995	710.829,286	200,598	118°21'24"	170°01'59"	122,21	-3,20
C3206	CERCA	8.909.850,562	710.857,855	196,959	100°11'41"	151°52'16"	138,30	-6,84
C3207	CERCA	8.909.857,229	710.862,048	196,649	97°14'04"	148°54'39"	141,43	-7,15
E697	EIXO	8.909.853,220	710.860,649	196,285	98°55'37"	150°36'12"	140,61	-7,51
E698	EIXO	8.909.841,892	710.887,362	195,000	101°19'04"	152°59'39"	168,91	-8,80
C3208	CERCA	8.909.840,103	710.883,063	195,912	102°13'10"	153°53'45"	165,06	-7,88
C3209	CERCA	8.909.844,563	710.887,808	195,461	100°23'58"	152°04'33"	168,84	-8,34

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Nome	Descrição	Norte	Este	Cota
TP121	EST	8.909.875,040	710.721,740	203,797

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3210	CERCA	8.909.830,025	710.914,042	193,627	103°10'29"	154°51'04"	197,50	-10,17
C3211	CERCA	8.909.823,678	710.910,123	193,866	105°15'03"	156°55'38"	195,26	-9,93
E699	EIXO	8.909.827,034	710.912,612	193,376	104°07'03"	155°47'38"	196,82	-10,42

Nome	Descrição	Norte	Este	Cota
TP122	EST	8.909.814,855	710.887,310	196,137

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F556	CASA	8.909.804,221	710.903,972	194,529	122°32'44"	192°34'09"	19,77	-1,61
F557	CASA	8.909.835,738	710.918,713	193,435	56°22'28"	126°23'53"	37,71	-2,70
E700	EIXO	8.909.803,522	710.937,236	191,607	102°47'19"	172°48'44"	51,20	-4,53
C3212	CERCA	8.909.810,634	710.935,410	191,924	95°00'51"	165°02'16"	48,28	-4,21
C3213	CERCA	8.909.796,065	710.940,816	191,824	109°21'01"	179°22'26"	56,71	-4,31
C3214	CERCA	8.909.804,395	710.932,100	192,292	103°08'39"	173°10'04"	45,99	-3,84
C3215	CERCA	8.909.790,830	710.949,968	191,106	110°58'42"	181°00'07"	67,11	-5,03
C3216	CERCA	8.909.797,089	710.953,882	190,729	104°56'30"	174°57'55"	68,90	-5,41
E701	EIXO	8.909.793,167	710.951,121	191,103	108°46'18"	178°47'43"	67,40	-5,03
E702	EIXO	8.909.772,801	710.993,185	187,513	111°39'48"	181°41'13"	113,92	-8,62
C3217	CERCA	8.909.776,609	710.995,131	187,571	109°31'49"	179°33'14"	114,40	-8,57
C3218	CERCA	8.909.770,211	710.992,330	187,991	113°01'49"	183°03'14"	114,11	-8,15
C3219	CERCA	8.909.757,500	711.018,200	186,040	113°39'46"	183°41'11"	142,90	-10,10
C3220	CERCA	8.909.764,771	711.020,795	186,002	110°33'58"	180°35'23"	142,57	-10,14
F558	CASA	8.909.744,224	711.014,646	186,232	119°00'59"	189°02'24"	145,61	-9,91
E703	EIXO	8.909.760,565	711.019,941	185,575	112°15'39"	182°17'04"	143,31	-10,56
E704	EIXO	8.909.748,993	711.043,719	183,870	112°50'08"	182°51'33"	169,71	-12,27
T3002	TALUDE	8.909.746,899	711.042,659	183,750	113°37'35"	183°39'00"	169,56	-12,39
C3221	CERCA	8.909.745,852	711.042,199	184,590	114°00'46"	184°02'11"	169,56	-11,55
C3222	CERCA	8.909.753,383	711.044,518	184,442	111°21'24"	181°22'49"	168,80	-11,70
C3223	CERCA	8.909.736,217	711.067,894	182,485	113°31'53"	183°33'18"	196,96	-13,65
C3224	CERCA	8.909.747,051	711.077,105	182,090	109°39'33"	179°40'58"	201,54	-14,05
C3225	CERCA	8.909.732,427	711.075,439	181,923	113°39'38"	183°41'03"	205,39	-14,21
C3226	CERCA	8.909.746,842	711.064,757	182,868	110°58'16"	180°59'41"	190,03	-13,27
E705	EIXO	8.909.742,855	711.064,429	182,650	112°07'19"	182°08'44"	191,19	-13,49
E706	EIXO	8.909.739,545	711.081,287	181,446	111°13'06"	181°14'31"	208,08	-14,69
T3003	TALUDE	8.909.738,812	711.061,855	182,561	113°32'27"	183°33'52"	190,39	-13,58
T3004	TALUDE	8.909.735,529	711.074,477	181,416	112°58'06"	182°59'31"	203,28	-14,72
T3005	TALUDE	8.909.733,736	711.078,192	180,914	113°01'26"	183°02'51"	207,40	-15,22

Nome	Descrição	Norte	Este	Cota
TP123	EST	8.909.743,339	711.082,616	181,918

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
T3006	TALUDE	8.909.729,751	711.079,403	180,066	193°18'23"	263°11'42"	13,96	-1,85
D171	POSTE	8.909.731,677	711.083,868	180,944	173°52'30"	243°45'49"	11,73	-0,97
E707	EIXO	8.909.731,552	711.081,834	180,787	183°48'02"	253°41'21"	11,81	-1,13

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Nome	Descrição	Norte	Este	Cota
TP123	EST	8.909.743,339	711.082,616	181,918

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3227	CERCA	8.909.737,687	711.083,972	181,603	166°30'30"	236°23'49"	5,81	-0,31
C3228	CERCA	8.909.711,313	711.080,749	179,664	183°20'13"	253°13'32"	32,08	-2,25
C3229	CERCA	8.909.711,895	711.088,762	179,266	168°56'27"	238°49'46"	32,04	-2,65
E708	EIXO	8.909.711,472	711.085,002	179,210	175°43'11"	245°36'30"	31,96	-2,71
E709	EIXO	8.909.697,412	711.086,759	178,566	174°50'46"	244°44'05"	46,11	-3,35
C3230	CERCA	8.909.698,297	711.083,451	179,245	178°56'17"	248°49'36"	45,05	-2,67
C3231	CERCA	8.909.697,949	711.091,412	178,563	169°02'02"	238°55'21"	46,23	-3,35
F559	CASA	8.909.683,971	711.094,733	176,878	168°27'53"	238°21'12"	60,59	-5,04
C3232	CERCA	8.909.664,663	711.089,419	176,295	175°03'31"	244°56'50"	78,97	-5,62
C3233	CERCA	8.909.663,046	711.096,296	175,755	170°19'52"	240°13'11"	81,45	-6,16
E710	EIXO	8.909.662,994	711.091,845	175,539	173°26'53"	243°20'12"	80,87	-6,38
E711	EIXO	8.909.765,089	711.082,508	181,591	359°42'51"	69°36'10"	21,75	-0,33
C3234	CERCA	8.909.764,770	711.085,815	181,595	8°29'19"	78°22'38"	21,67	-0,32
C3235	CERCA	8.909.767,270	711.078,319	182,035	349°49'14"	59°42'33"	24,31	0,12
C3236	CERCA	8.909.790,182	711.087,557	182,050	6°01'15"	75°54'34"	47,10	0,13
C3237	CERCA	8.909.790,286	711.080,096	182,188	356°55'35"	66°48'54"	47,01	0,27
F560	CASA	8.909.772,472	711.122,011	181,717	53°30'58"	123°24'17"	49,00	-0,20
E712	EIXO	8.909.796,970	711.084,776	182,330	2°18'20"	72°11'39"	53,67	0,41
E713	EIXO	8.909.830,699	711.087,005	183,853	2°52'34"	72°45'52"	87,47	1,94
C3238	CERCA	8.909.830,344	711.090,463	184,098	5°09'11"	75°02'29"	87,36	2,18
C3239	CERCA	8.909.830,652	711.082,071	184,280	359°38'31"	69°31'49"	87,31	2,36
C3240	CERCA	8.909.860,213	711.092,932	185,918	5°02'39"	74°55'57"	117,33	4,00
C3241	CERCA	8.909.860,013	711.084,333	186,050	0°50'35"	70°43'53"	116,69	4,13
F561	CASA	8.909.860,549	711.096,211	186,166	6°36'57"	76°30'15"	118,00	4,25
E714	EIXO	8.909.861,186	711.089,550	185,767	3°22'02"	73°15'20"	118,05	3,85
E715	EIXO	8.909.880,525	711.090,638	187,137	3°20'48"	73°14'06"	137,42	5,22
C3242	CERCA	8.909.879,924	711.094,575	187,398	5°00'13"	74°53'31"	137,11	5,48
C3243	CERCA	8.909.881,785	711.087,717	187,287	2°06'36"	71°59'54"	138,54	5,37

Nome	Descrição	Norte	Este	Cota
TP124	EST	8.909.907,880	711.098,956	188,431

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3244	CERCA	8.909.901,725	711.092,577	188,161	226°01'29"	40°21'12"	8,86	-0,27
C3245	CERCA	8.909.901,170	711.099,802	188,180	172°49'12"	347°08'55"	6,76	-0,25
E716	EIXO	8.909.901,708	711.095,704	188,218	207°47'18"	22°07'01"	6,98	-0,21
E717	EIXO	8.909.931,160	711.103,042	189,846	9°57'12"	184°16'55"	23,64	1,42
C3246	CERCA	8.909.931,143	711.099,951	189,894	2°26'59"	176°46'42"	23,28	1,46
C3247	CERCA	8.909.929,977	711.106,548	189,513	18°57'38"	193°17'21"	23,36	1,08
C3248	CERCA	8.909.956,702	711.114,850	191,238	18°01'57"	192°21'40"	51,34	2,81
C3249	CERCA	8.909.958,725	711.107,106	191,535	9°06'21"	183°26'04"	51,49	3,10
E718	EIXO	8.909.958,482	711.110,328	191,561	12°39'58"	186°59'41"	51,86	3,13
E719	EIXO	8.909.985,825	711.117,624	192,668	13°28'07"	187°47'50"	80,15	4,24
C3251	CERCA	8.909.985,101	711.114,235	192,773	11°11'31"	185°31'14"	78,72	4,34
C3252	CERCA	8.909.984,308	711.121,020	192,461	16°06'11"	190°25'54"	79,55	4,03

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Nome	Descrição	Norte	Este	Cota
TP124	EST	8.909.907,880	711.098,956	188,431

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3253	CERCA	8.910.018,499	711.129,840	193,863	15°35'58"	189°55'41"	114,85	5,43
C3254	CERCA	8.910.017,926	711.122,739	193,920	12°11'42"	186°31'25"	112,59	5,49
E720	EIXO	8.910.018,469	711.125,890	193,970	13°41'17"	188°01'00"	113,82	5,54
E721	EIXO	8.910.048,620	711.134,633	194,836	14°13'29"	188°33'12"	145,19	6,41
C3255	CERCA	8.910.048,221	711.130,972	194,993	12°51'03"	187°10'46"	143,95	6,56
C3256	CERCA	8.910.047,296	711.137,344	194,782	15°23'41"	189°43'24"	144,60	6,35
C3257	CERCA	8.910.080,376	711.145,812	196,150	15°11'48"	189°31'32"	178,75	7,72
C3258	CERCA	8.910.081,100	711.139,192	196,165	13°04'36"	187°24'20"	177,83	7,73
E722	EIXO	8.910.080,805	711.143,493	195,858	14°26'33"	188°46'17"	178,57	7,43

Nome	Descrição	Norte	Este	Cota
TP125	EST	8.910.100,325	711.149,816	196,548

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D100	POSTE	8.910.044,944	711.136,965	195,194	193°03'51"	358°15'38"	56,85	-1,35
F562	CASA	8.910.088,238	711.172,825	195,244	117°42'48"	282°54'35"	25,99	-1,30
F563	CASA	8.910.095,683	711.104,165	198,021	264°11'40"	69°23'27"	45,89	1,47
D101	POSTE	8.910.121,815	711.156,320	197,190	16°50'18"	182°02'05"	22,45	0,64
C3259	CERCA	8.910.104,908	711.151,866	196,647	24°06'26"	189°18'13"	5,02	0,10
C3260	CERCA	8.910.108,139	711.145,510	197,352	331°08'47"	136°20'34"	8,92	0,80
E723	EIXO	8.910.105,596	711.148,728	196,763	348°20'24"	153°32'11"	5,38	0,22
E724	EIXO	8.910.131,239	711.153,787	197,419	7°19'13"	172°31'00"	31,17	0,87
C3261	CERCA	8.910.130,397	711.157,834	197,394	14°55'47"	180°07'34"	31,12	0,85
C3262	CERCA	8.910.132,523	711.150,696	197,949	1°33'58"	166°45'45"	32,21	1,40
C3263	CERCA	8.910.157,584	711.155,795	197,843	5°57'42"	171°09'29"	57,57	1,29
C3264	CERCA	8.910.157,098	711.162,719	197,577	12°48'16"	178°00'03"	58,22	1,03
F564	CASA	8.910.156,345	711.137,244	198,753	347°21'05"	152°32'52"	57,41	2,20
E725	EIXO	8.910.157,901	711.158,787	197,504	8°51'25"	174°03'12"	58,27	0,96
E726	EIXO	8.910.183,508	711.163,844	197,335	9°34'21"	174°46'08"	84,36	0,79
C3265	CERCA	8.910.179,867	711.168,135	197,400	12°58'10"	178°09'57"	81,62	0,85
C3266	CERCA	8.910.183,652	711.160,792	197,850	7°30'16"	172°42'03"	84,05	1,30
C3267	CERCA	8.910.207,403	711.165,374	197,769	8°16'02"	173°27'49"	108,20	1,22
C3268	CERCA	8.910.203,895	711.173,293	197,636	12°46'19"	177°58'06"	106,20	1,09
E727	EIXO	8.910.205,057	711.168,121	197,637	9°54'51"	175°06'38"	106,32	1,09
E728	EIXO	8.910.233,961	711.173,320	198,237	9°58'32"	175°10'19"	135,69	1,69
C3269	CERCA	8.910.234,305	711.170,559	198,547	8°48'04"	173°59'51"	135,58	2,00
C3270	CERCA	8.910.233,501	711.176,628	198,286	11°23'00"	176°34'47"	135,85	1,74
TP126		8.909.946,045	711.195,908	199,179	163°21'58"	328°33'45"	161,02	2,63
TP126		8.910.258,938	711.177,538	199,179	9°54'51"	175°06'38"	161,02	2,63
F7000		8.909.940,229	711.132,531	190,583	186°09'43"	351°21'30"	161,03	-5,97

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Nome	Descrição	Norte	Este	Cota
TP126	EST	8.910.259,209	711.175,979	199,199

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
D102	POSTE	8.910.200,493	711.171,289	197,099	184°34'02"	355°12'58"	58,90	-2,10
C3271	CERCA	8.910.253,312	711.182,078	199,305	134°02'07"	304°41'03"	8,48	0,11
C3272	CERCA	8.910.250,787	711.198,410	197,947	110°34'41"	281°13'37"	23,96	-1,25
C3273	CERCA	8.910.255,452	711.198,370	198,413	99°31'28"	270°10'24"	22,70	-0,79
E729	EIXO	8.910.253,106	711.197,855	198,069	105°35'17"	276°14'13"	22,71	-1,13
E730	EIXO	8.910.257,090	711.174,187	199,101	220°13'48"	30°52'44"	2,78	-0,10
F565	CASA	8.910.266,208	711.190,638	199,074	64°28'37"	235°07'33"	16,24	-0,13
F566	CASA	8.910.282,239	711.152,450	200,951	314°23'10"	125°02'06"	32,92	1,75
C3274	CERCA	8.910.259,984	711.171,434	199,408	279°40'46"	90°19'42"	4,61	0,21
C3275	CERCA	8.910.259,176	711.177,029	199,237	91°46'21"	262°25'17"	1,05	0,04
C3276	CERCA	8.910.286,423	711.172,137	200,461	351°57'52"	162°36'48"	27,48	1,26
C3277	CERCA	8.910.286,519	711.178,057	200,397	4°21'02"	174°59'58"	27,39	1,20
E731	EIXO	8.910.286,926	711.175,135	200,225	358°15'16"	168°54'12"	27,73	1,03
E732	EIXO	8.910.314,060	711.176,430	200,810	0°28'14"	171°07'10"	54,85	1,61
C3278	CERCA	8.910.314,859	711.173,138	201,269	357°04'38"	167°43'34"	55,72	2,07
C3279	CERCA	8.910.316,357	711.179,275	200,744	3°18'02"	173°56'58"	57,24	1,54
C3280	CERCA	8.910.349,709	711.181,282	201,027	3°21'12"	174°00'08"	90,65	1,83
C3281	CERCA	8.910.350,011	711.175,178	201,342	359°29'39"	170°08'35"	90,81	2,14
E733	EIXO	8.910.350,850	711.178,302	201,216	1°27'08"	172°06'04"	91,67	2,02
D103	POSTE	8.910.368,181	711.183,692	201,178	4°02'55"	174°41'51"	109,25	1,98
C3282	CERCA	8.910.381,487	711.185,041	201,971	4°14'18"	174°53'14"	122,61	2,77
C3283	CERCA	8.910.382,279	711.178,170	201,912	1°01'12"	171°40'08"	123,09	2,71
E734	EIXO	8.910.382,418	711.181,521	201,399	2°34'32"	173°13'28"	123,33	2,20
E735	EIXO	8.910.411,865	711.182,413	202,581	2°24'48"	173°03'44"	152,79	3,38
C3284	CERCA	8.910.412,196	711.185,952	203,146	3°43'47"	174°22'43"	153,31	3,95
C3285	CERCA	8.910.414,332	711.178,841	203,244	1°03'25"	171°42'21"	155,15	4,05
C3286	CERCA	8.910.441,843	711.187,301	203,711	3°32'50"	174°11'46"	182,98	4,51
C3287	CERCA	8.910.442,621	711.181,570	203,501	1°44'46"	172°23'42"	183,50	4,30
E736	EIXO	8.910.442,125	711.183,973	203,280	2°30'08"	173°09'04"	183,09	4,08
E737	EIXO	8.910.468,256	711.188,604	204,024	3°27'22"	174°06'18"	209,43	4,82
C3288	CERCA	8.910.468,950	711.183,968	204,316	2°10'53"	172°49'49"	209,89	5,12
TP301	TP301	8.910.474,803	711.185,983	204,468	2°39'24"	173°18'20"	215,83	5,27
TP301		8.910.043,612	711.165,973	204,478	182°39'26"	353°18'23"	215,83	5,28

Nome	Descrição	Norte	Este	Cota
TP301	301	8.910.474,806	711.185,984	204,492

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
F567	CASA	8.910.534,260	711.142,809	208,444	324°00'46"	141°21'21"	73,48	3,95
C3289	CERCA	8.910.483,923	711.188,869	204,831	17°33'42"	194°54'17"	9,56	0,34
C3290	CERCA	8.910.479,996	711.196,437	204,476	63°35'43"	240°56'18"	11,67	-0,02
E738	EIXO	8.910.481,680	711.192,986	204,411	45°31'41"	222°52'16"	9,81	-0,08
D104	POSTE	8.910.457,294	711.189,344	204,170	169°08'15"	346°28'50"	17,83	-0,32
C3291	CERCA	8.910.456,781	711.188,892	204,244	170°50'05"	348°10'40"	18,26	-0,25
C3292	CERCA	8.910.453,858	711.210,800	202,998	130°10'07"	307°30'42"	32,48	-1,49

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Nome	Descrição	Norte	Este	Cota
TP301	301	8.910.474,806	711.185,984	204,492

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3293	CERCA	8.910.446,087	711.207,417	202,769	143°15'58"	320°36'33"	35,84	-1,72
E739	EIXO	8.910.448,675	711.210,735	202,366	136°33'12"	313°53'47"	35,99	-2,13
E740	EIXO	8.910.429,872	711.242,251	201,406	128°36'37"	305°57'12"	72,01	-3,09
C3294	CERCA	8.910.426,490	711.239,566	201,387	132°02'30"	309°23'05"	72,15	-3,10
C3295	CERCA	8.910.433,095	711.244,591	201,510	125°26'22"	302°46'57"	71,93	-2,98
C3296	CERCA	8.910.416,521	711.272,465	199,636	123°58'44"	301°19'19"	104,29	-4,86
C3297	CERCA	8.910.407,730	711.271,079	199,637	128°14'49"	305°35'24"	108,35	-4,86
E741	EIXO	8.910.410,950	711.274,203	199,329	125°53'54"	303°14'29"	108,90	-5,16
E742	EIXO	8.910.394,421	711.301,644	198,575	124°47'59"	302°08'34"	140,85	-5,92
C3298	CERCA	8.910.391,142	711.297,882	198,421	126°47'06"	304°07'41"	139,72	-6,07
C3299	CERCA	8.910.397,784	711.305,024	198,682	122°54'14"	300°14'49"	141,79	-5,81
C3300	CERCA	8.910.372,173	711.318,226	196,650	127°48'54"	305°09'29"	167,40	-7,84
C3301	CERCA	8.910.365,203	711.310,619	196,607	131°19'42"	308°40'17"	165,97	-7,89
E743	EIXO	8.910.368,206	711.315,129	196,392	129°32'14"	306°52'49"	167,46	-8,10
E744	EIXO	8.910.352,161	711.324,888	195,429	131°26'35"	308°47'10"	185,30	-9,06
D105	POSTE	8.910.344,515	711.322,773	194,912	133°36'23"	310°56'58"	188,91	-9,58
C3302	CERCA	8.910.345,542	711.323,463	195,022	133°14'10"	310°34'45"	188,70	-9,47
C3303	CERCA	8.910.350,820	711.330,650	195,221	130°35'54"	307°56'29"	190,53	-9,27
C3304	CERCA	8.910.330,883	711.348,093	193,006	131°35'57"	308°56'32"	216,78	-11,49
C3305	CERCA	8.910.325,463	711.341,781	192,795	133°47'18"	311°07'53"	215,82	-11,70
E745	EIXO	8.910.327,973	711.344,965	192,831	132°43'31"	310°04'06"	216,41	-11,66
E746	EIXO	8.910.302,281	711.364,839	192,182	133°58'05"	311°18'40"	248,50	-12,31
C3306	CERCA	8.910.303,200	711.368,007	192,375	133°18'46"	310°39'21"	250,16	-12,12
C3307	CERCA	8.910.299,468	711.363,406	192,108	134°39'42"	312°00'17"	249,44	-12,38
D106	POSTE	8.910.302,699	711.360,743	192,138	134°33'43"	311°54'18"	245,28	-12,35
C3308	CERCA	8.910.280,245	711.382,458	192,648	134°43'11"	312°03'46"	276,51	-11,84
C3309	CERCA	8.910.278,238	711.376,952	192,772	135°49'41"	313°10'16"	274,06	-11,72
E747	EIXO	8.910.278,534	711.379,956	192,436	135°20'16"	312°40'51"	275,95	-12,06
E748	EIXO	8.910.251,354	711.395,879	193,277	136°47'31"	314°08'06"	306,57	-11,22
C3310	CERCA	8.910.252,576	711.399,340	193,633	136°10'02"	313°30'37"	308,07	-10,86
C3311	CERCA	8.910.248,520	711.394,154	193,618	137°23'16"	314°43'51"	307,47	-10,87
C3312	CERCA	8.910.221,561	711.408,940	194,844	138°38'22"	315°58'57"	337,41	-9,65
C3313	CERCA	8.910.220,129	711.407,320	194,836	139°00'24"	316°20'59"	337,42	-9,66
C3314	CERCA	8.910.216,015	711.408,233	194,926	139°20'39"	316°41'14"	341,13	-9,57
C3315	CERCA	8.910.221,356	711.398,685	193,487	139°59'45"	359°31'55"	330,88	-11,01
C3316	CERCA	8.910.216,988	711.402,237	194,125	140°00'38"	359°32'48"	336,50	-10,37
E749	EIXO	8.910.218,665	711.403,128	194,109	139°42'37"	359°14'47"	335,80	-10,38
E750	EIXO	8.910.217,797	711.415,655	195,144	138°12'54"	357°45'04"	344,68	-9,35
D107	POSTE	8.910.232,469	711.403,253	193,946	138°07'19"	357°39'29"	325,47	-10,55
F568	CASA	8.910.251,182	711.432,488	194,707	132°12'49"	351°44'59"	332,82	-9,79
C3317	CERCA	8.910.217,960	711.419,382	195,603	137°44'18"	357°16'28"	347,05	-8,89
C3318	CERCA	8.910.193,122	711.422,864	196,138	139°56'17"	359°28'27"	368,05	-8,35
C3319	CERCA	8.910.196,106	711.431,576	196,567	138°36'48"	358°08'58"	371,47	-7,93
E751	EIXO	8.910.194,577	711.427,529	195,935	139°14'24"	358°46'34"	369,96	-8,56
E752	EIXO	8.910.172,157	711.440,009	196,975	139°59'31"	359°31'41"	395,13	-7,52

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Nome	Descrição	Norte	Este	Cota
TP301	301	8.910.474,806	711.185,984	204,492

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C3320	CERCA	8.910.174,727	711.444,518	197,393	139°15'12"	358°47'22"	396,09	-7,10
C3321	CERCA	8.910.169,832	711.436,740	197,092	140°34'20"	0°06'30"	394,83	-7,40
C3322	CERCA	8.910.145,467	711.452,574	198,311	141°00'39"	0°32'49"	423,72	-6,18
C3323	CERCA	8.910.150,105	711.459,358	198,553	139°54'18"	359°26'28"	424,46	-5,94
D108	POSTE	8.910.148,563	711.451,266	198,326	140°53'02"	0°25'12"	420,49	-6,17
E753	EIXO	8.910.146,033	711.457,922	198,215	140°24'17"	359°56'27"	426,66	-6,28
E754	EIXO	8.910.126,070	711.473,394	199,734	140°30'23"	0°02'33"	451,91	-4,76
F569	CASA	8.910.144,652	711.479,617	199,838	138°21'02"	357°53'12"	441,84	-4,65
C3324	CERCA	8.910.128,427	711.475,632	199,979	140°05'49"	359°37'59"	451,52	-4,51
C3325	CERCA	8.910.122,974	711.469,631	199,651	141°07'27"	0°39'37"	451,93	-4,84
C3326	CERCA	8.910.109,338	711.494,478	201,835	139°49'55"	359°22'05"	478,26	-2,66
C3327	CERCA	8.910.102,918	711.487,303	201,633	140°59'03"	0°31'13"	478,64	-2,86
E755	EIXO	8.910.106,308	711.490,844	201,302	140°23'56"	359°56'06"	478,26	-3,19
E756	EIXO	8.910.094,919	711.503,171	202,624	140°08'23"	359°40'33"	494,90	-1,87
C3328	CERCA	8.910.099,235	711.506,069	202,740	139°33'37"	359°05'47"	493,47	-1,75
C3329	CERCA	8.910.096,710	711.492,417	202,561	140°58'35"	0°30'45"	486,68	-1,93
C3330	CERCA	8.910.088,271	711.486,706	202,270	142°07'02"	1°39'12"	489,74	-2,22
F570	CASA	8.910.084,508	711.490,753	202,743	142°00'54"	1°33'04"	495,19	-1,75
F571	CASA	8.910.079,562	711.500,296	203,349	141°30'25"	1°02'35"	504,98	-1,14
F572	CASA	8.910.072,509	711.529,688	204,886	139°29'27"	359°01'37"	529,13	0,39
C3331	CERCA	8.910.081,652	711.532,815	205,062	138°34'55"	358°07'05"	524,27	0,57
C3332	CERCA	8.910.090,022	711.534,049	204,625	137°52'06"	357°24'16"	518,85	0,13
E557	EIXO	8.910.086,585	711.533,361	204,087	138°10'41"	357°42'51"	520,95	-0,40
E558	EIXO	8.910.088,243	711.522,126	203,628	138°59'27"	358°31'37"	512,27	-0,86
C3333	CERCA	8.910.092,238	711.522,377	203,947	138°40'29"	358°12'39"	509,43	-0,55
D109	POSTE	8.910.088,042	711.504,002	203,399	140°34'16"	0°06'26"	500,72	-1,09
TP302		8.910.861,064	710.867,162	203,565	320°27'48"	137°48'23"	500,84	-0,93

Nome	Descrição	Norte	Este	Cota
TP115A	EST	8.910.640,480	709.315,945	204,191

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C01	IRR	8.910.598,474	709.476,736	209,808	104°38'27"	359°46'22"	166,19	5,62
C02	IRR	8.910.590,511	709.477,347	209,827	107°12'08"	2°20'03"	168,96	5,64
E01	IRR	8.910.595,101	709.476,928	209,504	105°44'32"	0°52'27"	167,26	5,31
E02	IRR	8.910.604,690	709.456,303	209,043	104°18'18"	359°26'13"	144,85	4,85
C03	IRR	8.910.607,973	709.458,156	209,417	102°52'32"	358°00'27"	145,88	5,23
C04	IRR	8.910.601,986	709.453,970	209,513	105°34'59"	0°42'54"	143,29	5,32
C05	IRR	8.910.620,093	709.435,938	208,717	99°38'33"	354°46'28"	121,71	4,53
C06	IRR	8.910.615,556	709.431,811	208,851	102°08'24"	357°16'19"	118,52	4,66
E03	IRR	8.910.617,996	709.433,897	208,609	100°47'32"	355°55'27"	120,08	4,42
E04	IRR	8.910.624,135	709.422,716	208,137	98°42'12"	353°50'07"	108,01	3,95
C07	IRR	8.910.626,683	709.423,827	208,229	97°17'16"	352°25'11"	108,76	4,04
C08	IRR	8.910.621,767	709.421,294	208,690	100°04'19"	355°12'14"	107,00	4,50
C09	IRR	8.910.632,847	709.411,939	208,269	94°32'46"	349°40'41"	96,30	4,08

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Nome	Descrição	Norte	Este	Cota
TP115A	EST	8.910.640,480	709.315,945	204,191

Nome	Descrição	Norte	Este	Altitude	Azim Plano	AH Plano	DH Plana	Desnível
C10	IRR	8.910.626,126	709.408,613	208,409	98°48'17"	353°56'12"	93,77	4,22
E05	IRR	8.910.630,049	709.410,470	207,792	96°17'50"	351°25'45"	95,10	3,60
E06	IRR	8.910.634,839	709.396,263	207,262	94°01'02"	349°08'57"	80,52	3,07
C11	IRR	8.910.637,181	709.396,919	207,447	92°19'57"	347°27'52"	81,04	3,26
C12	IRR	8.910.630,742	709.393,616	207,468	97°08'46"	352°16'41"	78,28	3,28
C13	IRR	8.910.641,830	709.379,944	207,092	88°47'28"	343°55'23"	64,01	2,90
C14	IRR	8.910.634,575	709.380,788	206,874	95°12'12"	350°20'07"	65,11	2,68
E07	IRR	8.910.638,912	709.380,135	206,535	91°23'57"	346°31'52"	64,21	2,34
E08	IRR	8.910.640,545	709.360,468	205,917	89°54'57"	345°02'52"	44,52	1,73
AW01	IRR	8.910.635,937	709.362,228	206,510	95°36'23"	350°44'18"	46,51	2,32
C015	IRR	8.910.643,865	709.352,540	206,057	84°42'51"	339°50'46"	36,75	1,87
C016	IRR	8.910.635,357	709.352,943	206,234	97°53'01"	353°00'56"	37,35	2,04
C017	IRR	8.910.643,036	709.331,497	205,290	80°40'03"	335°47'58"	15,76	1,10
C018	IRR	8.910.635,905	709.332,833	205,480	105°09'29"	0°17'24"	17,50	1,29
E09	IRR	8.910.638,683	709.332,269	204,970	96°16'57"	351°24'52"	16,42	0,78
E10	IRR	8.910.639,660	709.312,952	204,053	254°40'39"	149°48'34"	3,10	-0,14
C19	IRR	8.910.642,524	709.313,470	204,466	309°33'30"	204°41'25"	3,21	0,27
C20	IRR	8.910.636,612	709.311,871	204,720	226°29'31"	121°37'26"	5,62	0,53