

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL40	E	1,548				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL1		0°00'00"	180°00'11"	92°47'54"	267°11'36"	1,500	74,2510	74,1630		
Irradiado	0	EXP	199°04'28"		89°36'06"		1,500	4,8290	4,8290		
Irradiado	1	EXP	199°03'02"		89°31'50"		1,500	4,8530	4,8530		
Irradiado	2	BAT	256°07'23"		92°14'47"		1,500	4,8080	4,8040		
Irradiado	3	BAT	196°58'03"		88°29'35"		1,500	11,7790	11,7750		
Irradiado	4	BAT	230°13'26"		89°04'41"		1,500	27,5520	27,5480		
Irradiado	5	BAT	215°59'31"		88°58'29"		1,500	28,6730	28,6680		
Irradiado	6	EXT	223°07'22"		88°57'30"		1,500	28,2130	28,2080		
Irradiado	7	EXT	225°08'20"		89°10'06"		1,500	54,1020	54,0960		
Irradiado	8	BAT	220°39'39"		89°02'47"		1,500	54,8020	54,7940		
Irradiado	9	BAT	227°40'55"		89°11'30"		1,500	54,2620	54,2560		
Irradiado	10	BAT	222°06'38"		89°12'45"		1,500	78,0650	78,0580		
Irradiado	11	BAT	227°21'14"		89°15'07"		1,500	78,0690	78,0630		
Irradiado	12	EXT	224°34'59"		89°14'08"		1,500	78,5260	78,5190		
Irradiado	13	EXT	225°39'17"		89°19'40"		1,500	104,4220	104,4150		
Irradiado	14	BAT	227°48'12"		89°21'25"		1,500	104,9500	104,9440		
Irradiado	15	BAT	222°59'15"		89°18'14"		1,500	104,3020	104,2950		
Irradiado	16	BAT	223°38'59"		89°12'13"		1,500	127,2120	127,2000		
Irradiado	17	BAT	227°54'24"		89°23'14"		1,500	127,6610	127,6540		
Irradiado	18	EXT	226°01'27"		89°10'53"		1,500	128,0410	128,0280		
Irradiado	19	EXT	225°29'45"		89°07'03"		1,500	149,6740	149,6560		
Irradiado	20	BAT	223°39'06"		89°01'03"		1,500	152,4190	152,3960		
Irradiado	21	BAT	227°18'26"		89°14'30"		1,500	150,9120	150,8980		
Irradiado	22	BAT	227°23'48"		89°18'59"		1,500	152,8100	152,7990		
Irradiado	23	EXP	226°33'14"		89°04'12"		1,500	166,0940	166,0720		
Irradiado	24	PC	223°18'48"		89°12'06"		1,500	125,7070	125,6950		
Irradiado	25	ARV	223°52'00"		89°18'50"		1,500	107,7640	107,7570		
Irradiado	26	PC	222°09'20"		89°14'31"		1,500	87,8530	87,8450		
Irradiado	27	PC	218°38'21"		88°57'01"		1,500	45,1360	45,1290		
Irradiado	28	ARV	194°00'34"		88°11'38"		1,500	25,1560	25,1430		
Irradiado	29	CED	195°50'25"		88°09'01"		1,500	28,2730	28,2580		
Irradiado	30	CA	209°35'08"		88°24'20"		1,500	25,4130	25,4030		
Irradiado	31	CED	214°41'09"		88°28'09"		1,500	35,0430	35,0310		
Irradiado	32	MCER	217°16'52"		88°26'43"		1,500	43,5310	43,5150		
Irradiado	33	MED	217°31'24"		88°40'08"		1,500	45,6030	45,5910		
Irradiado	34	MED	218°50'05"		88°18'17"		2,000	52,0140	51,9910		
Irradiado	35	MCER	219°18'05"		89°01'37"		1,500	53,9690	53,9610		
Irradiado	36	CER	219°38'07"		88°57'00"		1,500	57,1530	57,1430		
Irradiado	37	CED	219°06'25"		87°59'55"		2,600	61,7360	61,6980		
Irradiado	38	CED	218°58'09"		88°19'58"		2,600	66,2180	66,1900		
Irradiado	39	MCER	219°29'14"		89°05'36"		1,500	66,7540	66,7460		
Irradiado	40	MU	220°22'33"		89°08'38"		1,500	66,7370	66,7300		
Irradiado	41	MED	220°33'14"		89°00'53"		1,500	68,9610	68,9510		
Irradiado	42	MED	221°05'43"		89°07'25"		1,500	75,8230	75,8140		
Irradiado	43	MUD	221°31'04"		89°13'32"		1,500	81,0070	80,9990		
Irradiado	44	MED	221°50'15"		89°13'26"		1,500	91,5490	91,5400		
Irradiado	45	MED	222°18'26"		89°17'55"		1,500	100,4330	100,4260		
Irradiado	46	MED	222°25'46"		88°59'53"		1,500	104,9510	104,9350		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL40	E	1,548				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	47	CA	222°35'08"		89°09'47"		1,500	112,4760	112,4640		
Irrradiado	48	CA	222°39'03"		88°58'52"		1,500	116,2380	116,2190		
Irrradiado	49	CED	222°53'28"		89°04'06"		1,500	123,0060	122,9900		
Irrradiado	50	CERD	222°52'59"		89°13'14"		1,500	124,7050	124,6930		
Irrradiado	51	CED	223°00'19"		89°02'45"		1,500	126,7340	126,7160		
Irrradiado	52	CA	223°10'23"		89°02'29"		1,500	135,8360	135,8170		
Irrradiado	53	MUV	228°41'55"		89°21'05"		1,500	85,5530	85,5470		
Irrradiado	54	MU	230°24'20"		89°05'41"		1,500	43,1640	43,1590		
Irrradiado	55	MU	272°02'26"		92°23'16"		1,500	4,3740	4,3700		
Irrradiado	56	MU	301°38'15"		93°26'37"		1,500	30,1530	30,0990		
Irrradiado	57	MUV	303°24'11"		93°04'24"		1,500	53,7180	53,6400		
Irrradiado	58	ESCOLA	295°08'17"		91°43'10"		1,500	39,8180	39,8000		
Irrradiado	59	ESCOLA	292°35'24"		92°07'03"		1,500	32,1450	32,1230		
Irrradiado	60	ESCOLA	288°59'06"		94°35'06"		1,000	26,5550	26,4700		
Irrradiado	61	ESCOLA	260°52'22"		88°05'01"		2,000	10,3040	10,2990		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL41	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL40		0°00'02"	180°00'19"	91°03'20"	268°56'47"	1,500	170,6450	170,6160		
Irrradiado	62	MF	334°23'09"		92°29'27"		1,500	113,8400	113,7320		
Irrradiado	63	EXP	336°03'05"		92°26'05"		1,500	113,3040	113,2010		
Irrradiado	64	MF	337°48'18"		92°28'39"		1,500	112,5680	112,4620		
Irrradiado	65	MF	338°17'49"		92°35'10"		1,500	91,6560	91,5620		
Irrradiado	66	EXP	336°17'54"		92°31'39"		1,500	91,1160	91,0270		
Irrradiado	67	MF	334°03'21"		92°41'41"		1,500	90,9020	90,8010		
Irrradiado	68	MF	333°46'15"		93°07'50"		1,500	68,8020	68,6990		
Irrradiado	69	EXP	336°48'56"		92°54'52"		1,500	68,7490	68,6600		
Irrradiado	70	MF	339°20'27"		93°00'39"		1,500	68,7940	68,6990		
Irrradiado	71	MF	341°11'06"		93°27'35"		1,500	46,1920	46,1080		
Irrradiado	72	MF	332°54'47"		93°31'25"		1,500	46,7050	46,6170		
Irrradiado	73	EXP	336°27'03"		93°23'05"		1,500	46,2290	46,1490		
Irrradiado	74	MF	345°14'21"		93°41'58"		1,500	24,1830	24,1320		
Irrradiado	75	MF	329°15'08"		94°35'50"		1,500	24,7460	24,6660		
Irrradiado	76	MF	346°45'12"		93°49'40"		1,500	18,5830	18,5410		
Irrradiado	77	MF	349°48'57"		93°37'30"		1,500	18,2260	18,1890		
Irrradiado	78	MF	255°07'09"		95°52'45"		1,500	6,1850	6,1530		
Irrradiado	79	MF	58°06'37"		92°06'47"		1,500	6,1460	6,1420		
Irrradiado	80	MF	66°22'29"		91°33'34"		1,500	5,2260	5,2240		
Irrradiado	81	MF	191°59'53"		90°06'04"		1,500	24,0860	24,0860		
Irrradiado	82	MF	169°56'44"		89°16'16"		1,500	9,4970	9,4970		
Irrradiado	83	MF	162°11'39"		88°33'02"		1,500	8,4750	8,4730		
Irrradiado	84	MF	152°59'45"		87°33'44"		1,500	9,6970	9,6890		
Irrradiado	85	EXP	182°48'48"		89°07'02"		1,500	22,2910	22,2880		
Irrradiado	86	MF	174°57'11"		89°11'21"		1,500	22,9370	22,9340		
Irrradiado	87	MF	130°53'44"		86°24'59"		1,500	27,8350	27,7810		
Irrradiado	88	MF	144°26'27"		86°28'37"		1,500	28,6990	28,6450		

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BL41	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	89	EXP	137°45'32"		86°02'15"		1,500	28,3770	28,3090		
Irradiado	90	MF	142°27'16"		86°28'05"		1,500	46,5150	46,4270		
Irradiado	91	MF	134°24'11"		86°11'05"		1,500	46,0240	45,9220		
Irradiado	92	EXP	138°20'37"		86°08'58"		1,500	46,5480	46,4430		
Irradiado	93	MF	134°52'13"		86°14'22"		1,500	63,6120	63,4750		
Irradiado	94	MF	141°01'49"		86°23'36"		1,500	64,3560	64,2290		
Irradiado	95	EXP	138°00'53"		86°10'34"		1,500	64,4160	64,2730		
Irradiado	96	MF	134°48'29"		85°59'04"		1,500	81,6980	81,4970		
Irradiado	97	MF	139°22'47"		86°03'31"		1,500	82,6140	82,4180		
Irradiado	98	EXP	137°06'14"		85°55'17"		1,500	82,2420	82,0330		
Irradiado	99	MF	134°37'22"		85°55'37"		1,500	100,2020	99,9490		
Irradiado	100	MF	138°08'26"		86°00'15"		1,500	100,6480	100,4030		
Irradiado	101	EXP	136°21'15"		85°54'23"		1,500	100,4020	100,1460		
Irradiado	102	PC	132°42'38"		85°25'54"		1,500	88,5000	88,2190		
Irradiado	103	PC	131°56'20"		86°09'44"		1,500	35,1420	35,0630		
Irradiado	104	PC	193°04'29"		91°07'50"		1,000	30,6950	30,6890		
Irradiado	105	TP	193°53'21"		91°15'03"		1,000	29,7770	29,7700		
Irradiado	106	PC	34°13'09"		92°00'26"		1,500	9,0160	9,0110		
Irradiado	107	PC	310°45'34"		96°18'35"		1,500	14,8820	14,7910		
Irradiado	108	PC	6°46'41"		91°38'35"		1,500	45,0730	45,0550		
Irradiado	109	ARV	323°55'13"		95°02'26"		1,500	18,7910	18,7180		
Irradiado	110	ARV	330°45'40"		94°10'11"		1,500	33,7480	33,6590		
Irradiado	111	CA	326°36'20"		93°11'53"		1,500	38,3140	38,2550		
Irradiado	112	CA	323°50'04"		93°56'32"		1,500	30,6620	30,5890		
Irradiado	113	CA	316°17'26"		94°15'16"		1,500	31,7650	31,6780		
Irradiado	114	CA	312°47'38"		90°03'18"		3,500	29,0010	29,0010		
Irradiado	115	CER	320°41'52"		94°56'35"		1,500	26,7900	26,6900		
Irradiado	116	CER	317°18'24"		95°21'33"		1,500	21,5830	21,4880		
Irradiado	117	CA	315°46'58"		94°01'10"		1,500	20,8930	20,8410		
Irradiado	118	MED	296°24'20"		94°15'22"		1,500	13,7510	13,7140		
Irradiado	119	MED	288°15'19"		93°52'39"		1,500	12,7100	12,6810		
Irradiado	120	CA	238°26'27"		92°47'25"		1,500	12,4300	12,4160		
Irradiado	121	MU	232°22'53"		93°11'34"		1,500	13,1350	13,1150		
Irradiado	122	MED	218°15'54"		90°26'05"		1,500	15,8910	15,8900		
Irradiado	123	MED	205°12'09"		90°22'14"		1,500	20,8510	20,8500		
Irradiado	124	MED	199°48'23"		90°05'22"		1,500	25,9320	25,9320		
Irradiado	125	CED	197°09'57"		90°05'21"		1,500	29,3570	29,3570		
Irradiado	126	CED	194°43'19"		89°55'17"		1,500	33,8360	33,8360		
Irradiado	127	CED	191°48'57"		89°31'41"		1,500	41,6710	41,6700		
Irradiado	128	CERD	189°02'47"		89°45'15"		1,500	55,8370	55,8360		
Irradiado	129	CED	188°30'20"		90°18'48"		0,500	64,8750	64,8740		
Irradiado	130	CED	187°54'21"		89°34'09"		1,500	71,7470	71,7450		
Irradiado	131	CERD	187°40'08"		90°07'15"		1,500	73,5460	73,5460		
Irradiado	132	CED	187°42'32"		89°57'05"		1,500	74,8050	74,8050		
Irradiado	133	CED	187°19'20"		89°53'59"		1,500	81,7180	81,7170		
Irradiado	134	CED	187°09'41"		89°49'44"		1,500	85,3750	85,3740		
Irradiado	135	CA	186°53'48"		89°53'39"		1,500	90,9060	90,9060		
Irradiado	136	BAT	184°43'26"		89°49'35"		1,500	90,9980	90,9970		

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BL41	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	137	BAT	178°55'22"		89°34'55"		1,500	92,0910	92,0880		
Irradiado	138	PC	184°58'45"		89°46'33"		1,500	103,0740	103,0730		
Irradiado	139	PC	186°14'40"		89°49'25"		1,500	68,2900	68,2900		
Irradiado	140	EXT	181°35'41"		89°40'37"		1,500	89,4950	89,4930		
Irradiado	141	EXT	182°08'07"		89°34'33"		1,500	65,2980	65,2960		
Irradiado	142	BAT	178°42'05"		89°24'04"		1,500	65,2700	65,2660		
Irradiado	143	BAT	185°41'45"		89°41'20"		1,500	66,2080	66,2070		
Irradiado	144	BAT	177°07'03"		89°19'47"		1,500	44,6270	44,6240		
Irradiado	145	BAT	186°05'37"		89°41'18"		1,500	45,7830	45,7830		
Irradiado	146	EXT	182°08'14"		89°37'18"		1,500	45,2790	45,2780		
Irradiado	147	CERV	173°57'17"		88°58'56"		1,500	73,1060	73,0950		
Irradiado	148	CERV	172°54'51"		88°40'09"		1,500	42,3050	42,2940		
Irradiado	149	CER	149°02'45"		86°52'26"		1,500	40,6540	40,5940		
Irradiado	150	CED	147°27'36"		86°24'28"		1,500	54,7580	54,6500		
Irradiado	151	CED	146°02'03"		86°24'12"		1,500	63,9430	63,8170		
Irradiado	152	CERV	145°43'38"		86°36'33"		1,500	65,9330	65,8180		
Irradiado	153	CA	145°36'51"		86°35'41"		1,500	67,1260	67,0080		
Irradiado	154	CA	144°12'32"		86°25'09"		1,500	72,8810	72,7390		
Irradiado	155	CA	143°22'24"		86°12'39"		1,500	79,3730	79,2000		
Irradiado	156	CA	142°06'16"		86°37'39"		0,500	86,1380	85,9880		
Irradiado	157	CA	141°27'03"		86°45'50"		0,500	90,2180	90,0740		
Irradiado	158	CA	140°38'23"		86°17'29"		1,500	96,3990	96,1970		
Irradiado	159	CA	140°30'10"		86°31'48"		0,500	100,7420	100,5570		
Irradiado	160	CA	139°56'42"		86°36'22"		0,500	107,3090	107,1210		
Irradiado	161	CA	11°09'42"		89°47'59"		1,500	32,1200	32,1200		
Irradiado	162	CA	16°49'17"		90°14'12"		1,500	22,5680	22,5680		
Irradiado	163	CA	18°21'06"		90°59'34"		1,500	20,8440	20,8410		
Irradiado	164	CED	29°32'50"		91°10'47"		1,500	13,6250	13,6230		
Irradiado	165	CERD	39°52'39"		90°17'51"		1,500	12,1490	12,1490		
Irradiado	166	CED	44°18'31"		85°38'46"		1,500	11,2280	11,1960		
Irradiado	167	CA	68°13'41"		84°41'53"		1,500	9,9060	9,8640		
Irradiado	168	CERV	77°39'27"		86°59'44"		1,500	10,2320	10,2180		
Irradiado	169	CED	102°20'39"		88°38'01"		1,000	12,8130	12,8100		
Irradiado	170	CED	122°49'34"		85°55'14"		1,500	19,7920	19,7420		
Irradiado	171	CERD	124°20'12"		84°34'15"		1,500	24,8960	24,7840		
Irradiado	172	CED	125°33'05"		84°40'35"		1,500	27,5520	27,4330		
Irradiado	173	CA	128°26'02"		85°21'51"		1,500	39,2470	39,1190		
Irradiado	174	CER	128°43'41"		85°45'32"		1,500	41,9610	41,8460		
Irradiado	175	CERV	129°49'21"		85°33'55"		1,500	50,5620	50,4100		
Irradiado	176	CA	130°11'59"		85°24'22"		1,500	53,9550	53,7810		
Irradiado	177	CA	130°46'05"		85°16'47"		1,500	59,9160	59,7130		
Irradiado	178	CA	131°29'02"		84°51'51"		1,500	65,2470	64,9850		
Irradiado	179	CED	131°46'22"		85°04'43"		1,500	71,7680	71,5040		
Irradiado	180	CERD	131°44'53"		85°04'43"		1,500	74,5040	74,2300		
Irradiado	181	CED	132°03'03"		85°17'50"		1,500	83,9020	83,6190		
Irradiado	182	CED	132°10'53"		85°20'34"		1,500	91,7260	91,4230		
Irradiado	183	MCER	132°16'33"		85°25'01"		1,500	96,0430	95,7360		
Auxiliar	D1	A	182°11'02"	2°11'19"	89°32'58"	270°27'01"	1,500	136,5450	136,5410		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL41	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Auxiliar	D2	A	135°35'36"	315°35'38"	86°35'08"	273°24'42"	1,500	141,2000	140,9500		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D1	E	1,544				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL41		359°59'59"	180°00'11"	90°31'23"	269°28'22"	1,500	136,5190	136,5140		
Irradiado	184	BAT	34°07'24"		89°46'35"		1,500	15,8750	15,8740		
Irradiado	185	BAT	41°34'12"		89°39'13"		1,500	14,8830	14,8820		
Irradiado	186	BAT	49°29'22"		89°20'27"		1,500	14,6540	14,6530		
Irradiado	187	BAT	347°23'12"		91°34'04"		1,500	10,2050	10,2020		
Irradiado	188	BAT	76°02'37"		88°06'02"		1,500	31,2720	31,2550		
Irradiado	189	BAT	86°42'08"		87°28'55"		1,500	31,5900	31,5600		
Irradiado	190	BAT	188°39'48"		91°03'39"		1,500	14,2450	14,2430		
Irradiado	191	EXT	81°08'58"		88°02'07"		1,500	31,6300	31,6110		
Irradiado	192	BAT	143°35'42"		89°18'56"		1,500	19,3490	19,3470		
Irradiado	193	BAT	79°38'24"		87°48'03"		1,500	52,1120	52,0730		
Irradiado	194	BAT	103°02'14"		89°31'11"		1,500	12,4690	12,4690		
Irradiado	195	BAT	94°53'23"		89°31'55"		1,500	13,3420	13,3420		
Irradiado	196	BAT	87°50'52"		88°55'18"		1,500	15,6330	15,6300		
Irradiado	197	BAT	86°24'59"		87°33'14"		1,500	52,2690	52,2210		
Irradiado	198	EXT	69°42'48"		90°07'58"		1,500	7,0010	7,0010		
Irradiado	199	EXT	83°14'01"		87°43'45"		1,500	52,1090	52,0680		
Irradiado	200	BAT	85°24'39"		87°07'58"		1,500	68,8960	68,8100		
Irradiado	201	BAT	78°07'07"		87°27'25"		1,500	66,7310	66,6650		
Irradiado	202	BAT	81°26'30"		86°41'50"		1,500	76,7920	76,6650		
Irradiado	203	BAT	77°04'31"		86°57'21"		1,500	73,9890	73,8850		
Irradiado	204	BAT	75°41'36"		86°41'06"		1,500	78,1740	78,0440		
Irradiado	205	BAT	78°53'51"		86°28'55"		1,500	80,8320	80,6790		
Irradiado	206	BAT	79°12'41"		86°21'22"		1,500	81,9440	81,7780		
Irradiado	207	BAT	80°25'42"		86°27'28"		1,500	82,9510	82,7920		
Irradiado	208	BAT	75°28'55"		86°13'09"		1,500	90,4380	90,2410		
Irradiado	209	BAT	76°24'35"		86°20'31"		1,500	90,1200	89,9360		
Irradiado	210	BAT	77°44'57"		86°32'39"		1,500	90,5210	90,3560		
Irradiado	211	EXT	75°11'03"		86°18'35"		1,500	84,4240	84,2490		
Irradiado	212	EXT	87°05'15"		87°02'38"		1,500	93,3330	93,2090		
Irradiado	213	BAT	86°49'21"		87°03'28"		1,500	88,7770	88,6600		
Irradiado	214	BAT	87°01'30"		87°01'04"		1,500	96,4650	96,3340		
Irradiado	215	BAT	181°26'03"		89°52'50"		1,500	37,5090	37,5090		
Irradiado	216	BAT	163°01'57"		89°28'49"		1,500	39,5990	39,5980		
Irradiado	217	EXT	172°47'06"		89°36'45"		1,500	38,1400	38,1390		
Irradiado	218	BAT	182°43'33"		89°29'45"		1,500	74,7210	74,7180		
Irradiado	219	BAT	166°51'51"		89°13'55"		1,500	69,1340	69,1280		
Irradiado	220	BAT	166°31'02"		89°13'45"		1,500	70,7790	70,7730		
Irradiado	221	BAT	163°29'46"		89°05'10"		1,500	72,6740	72,6650		
Irradiado	222	BAT	163°23'06"		88°59'28"		1,500	78,8230	78,8110		
Irradiado	223	BAT	167°02'41"		89°13'31"		1,500	79,8310	79,8230		
Irradiado	224	BAT	167°06'28"		89°13'00"		1,500	81,4420	81,4340		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D1	E	1,544				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	225	EXT	174°25'32"		89°17'46"		1,500	74,6950	74,6900		
Irradiado	226	EXT	175°11'08"		89°04'38"		1,500	103,9000	103,8870		
Irradiado	227	BAT	178°14'30"		89°23'20"		1,500	93,7430	93,7380		
Irradiado	228	BAT	182°47'09"		89°23'39"		1,500	93,5000	93,4950		
Irradiado	229	BAT	167°23'36"		89°03'41"		1,500	99,7000	99,6870		
Irradiado	230	BAT	168°02'08"		89°04'04"		1,000	127,0050	126,9880		
Irradiado	231	BAT	174°00'58"		89°03'48"		1,000	113,8570	113,8410		
Irradiado	232	BAT	175°28'00"		89°04'08"		1,000	118,0950	118,0790		
Irradiado	233	BAT	176°54'34"		89°02'56"		1,500	122,8590	122,8420		
Irradiado	234	BAT	178°21'41"		89°03'03"		1,500	124,9240	124,9070		
Irradiado	235	BAT	179°41'20"		89°06'11"		1,500	125,1050	125,0900		
Irradiado	236	BAT	182°59'33"		89°10'51"		1,500	125,1260	125,1130		
Irradiado	237	BAT	183°18'30"		89°37'00"		0,500	126,8830	126,8800		
Irradiado	238	BAT	183°39'55"		89°36'52"		0,500	127,9010	127,8980		
Irradiado	239	EXT	182°07'36"		89°30'34"		0,500	132,4660	132,4610		
Irradiado	240	BAT	182°21'37"		89°18'21"		0,500	137,6710	137,6610		
Irradiado	241	BAT	172°57'35"		88°49'24"		1,500	137,8440	137,8150		
Irradiado	242	BAT	172°08'58"		88°47'14"		1,500	138,1120	138,0810		
Irradiado	243	BAT	171°56'08"		88°47'12"		1,500	140,2610	140,2300		
Irradiado	244	ARV	167°03'54"		89°01'35"		1,000	131,5050	131,4860		
Irradiado	245	ARV	167°25'39"		88°56'44"		1,500	103,2350	103,2180		
Irradiado	246	ARV	166°33'04"		89°04'23"		1,500	101,2090	101,1960		
Irradiado	247	PC	164°11'50"		88°56'09"		1,500	101,7420	101,7250		
Irradiado	248	PC	183°25'49"		89°15'24"		1,500	101,7020	101,6940		
Irradiado	249	ARV	180°49'45"		89°24'58"		1,500	76,9580	76,9540		
Irradiado	250	ARV	181°22'40"		89°25'04"		1,500	70,2730	70,2700		
Irradiado	251	ARV	180°53'59"		88°59'26"		1,500	48,2680	48,2600		
Irradiado	252	PC	184°31'00"		89°28'17"		1,500	71,8520	71,8490		
Irradiado	253	PC	188°34'53"		89°53'20"		1,500	36,7460	36,7460		
Irradiado	254	CA	345°38'11"		92°51'39"		0,100	42,1720	42,1200		
Irradiado	255	CA	343°06'05"		92°29'16"		1,000	34,9230	34,8900		
Irradiado	256	CERV	347°24'10"		93°38'12"		0,100	33,3900	33,3230		
Irradiado	257	CER	344°08'58"		93°51'43"		0,100	30,7040	30,6340		
Irradiado	258	CED	339°37'11"		91°49'43"		1,500	28,0650	28,0510		
Irradiado	259	CED	334°49'33"		91°41'12"		1,500	21,9790	21,9690		
Irradiado	260	CERD	334°02'05"		84°09'40"		4,000	20,3880	20,2820		
Irradiado	261	CED	331°44'08"		82°44'10"		4,000	19,0480	18,8950		
Irradiado	262	CA	334°52'24"		90°26'20"		1,500	17,8980	17,8970		
Irradiado	263	CED	318°40'40"		90°49'02"		1,500	11,6580	11,6570		
Irradiado	264	CERD	266°47'46"		92°41'09"		1,500	8,0230	8,0140		
Irradiado	265	CERD	238°46'52"		92°10'42"		1,500	9,4030	9,3970		
Irradiado	266	CED	221°05'25"		91°28'21"		1,500	12,2010	12,1970		
Irradiado	267	CED	206°00'42"		91°05'57"		1,500	18,0420	18,0380		
Irradiado	268	CERD	202°34'02"		90°50'48"		1,500	20,9730	20,9700		
Irradiado	269	CED	198°21'47"		90°25'04"		1,500	25,1870	25,1860		
Irradiado	270	CED	194°36'30"		90°20'49"		1,500	31,3040	31,3030		
Irradiado	271	CED	193°03'50"		89°29'27"		1,500	35,7410	35,7400		
Irradiado	272	CED	190°42'18"		89°30'38"		1,500	42,6260	42,6250		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D1	E	1,544				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	273	CERD	187°46'06"		89°13'55"		1,500	55,6330	55,6280		
Irradiado	274	CED	187°00'52"		89°13'43"		1,500	59,9180	59,9120		
Irradiado	275	CA	186°24'28"		89°23'31"		1,500	65,9480	65,9440		
Irradiado	276	CA	186°08'22"		89°23'27"		1,500	69,6570	69,6530		
Irradiado	277	CA	186°03'49"		89°33'03"		1,500	73,6240	73,6220		
Irradiado	278	CA	185°20'00"		89°19'50"		1,500	74,6820	74,6770		
Irradiado	279	CA	185°03'40"		89°19'57"		1,500	81,6700	81,6640		
Irradiado	280	CA	184°50'03"		89°23'13"		1,500	88,8580	88,8530		
Irradiado	281	CED	184°41'51"		89°20'09"		1,500	96,2010	96,1950		
Irradiado	282	CEMITERIO	160°15'55"		88°52'26"		1,500	52,4330	52,4230		
Irradiado	283	CEMITERIO	92°26'13"		88°09'07"		1,500	15,7010	15,6920		
Irradiado	284	CEMITERIO	90°15'55"		87°07'51"		1,500	91,4360	91,3210		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL42	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL41		0°00'00"	180°00'11"	90°41'17"	269°18'35"	1,500	184,5750	184,5610		
Auxiliar	D3	A	167°27'01"	347°27'08"	88°51'40"	271°08'10"	1,500	84,6660	84,6490		
Auxiliar	D4	A	165°09'06"	345°09'14"	88°20'34"	271°39'10"	1,500	181,0520	180,9760		
Irradiado	285	BAT	164°19'11"		88°13'09"		1,500	174,1540	174,0700		
Irradiado	286	BAT	166°43'45"		88°20'53"		1,500	174,0880	174,0160		
Irradiado	287	EXT	165°31'52"		88°18'33"		1,500	174,0230	173,9480		
Irradiado	288	EXT	165°01'30"		88°27'38"		1,500	139,8720	139,8220		
Irradiado	289	BAT	166°52'12"		88°33'57"		1,500	139,4350	139,3920		
Irradiado	290	BAT	163°08'09"		88°16'37"		1,500	140,3030	140,2400		
Irradiado	291	BAT	167°21'04"		88°36'31"		1,500	111,0320	111,0000		
Irradiado	292	BAT	161°17'19"		88°26'29"		1,500	111,9220	111,8810		
Irradiado	293	EXT	164°22'20"		88°37'39"		1,500	110,8400	110,8090		
Irradiado	294	EXT	159°58'51"		88°41'07"		1,500	85,0520	85,0290		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D3	E	1,573				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL42		0°00'01"	180°00'13"	91°15'33"	268°44'24"	1,500	84,7520	84,7310		
Irradiado	295	BAT	273°17'45"		91°05'38"		1,500	40,6510	40,6440		
Irradiado	296	BAT	280°55'17"		91°24'44"		1,500	40,8070	40,7950		
Irradiado	297	EXT	277°12'26"		91°22'50"		1,500	41,2210	41,2090		
Irradiado	298	BAT	273°47'52"		91°04'47"		1,500	56,7870	56,7770		
Irradiado	299	BAT	279°27'23"		91°10'30"		1,500	60,0960	60,0830		
Irradiado	300	BAT	278°32'58"		90°52'39"		1,500	77,1330	77,1240		
Irradiado	301	BAT	273°52'19"		90°48'28"		1,500	77,3220	77,3150		
Irradiado	302	EXT	275°56'09"		91°02'49"		1,500	77,2980	77,2860		
Irradiado	303	BAT	276°55'53"		90°47'52"		1,500	105,9010	105,8910		
Irradiado	304	BAT	274°07'31"		90°37'19"		1,500	106,3380	106,3320		
Irradiado	305	EXT	275°32'39"		90°48'43"		1,500	105,9100	105,9000		
Irradiado	306	CERV	278°03'45"		90°44'24"		1,500	96,0400	96,0320		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D3	E	1,573				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	307	CERV	280°06'18"		91°03'17"		1,500	70,3690	70,3570		
Irradiado	308	CA	280°04'14"		90°47'00"		1,500	68,3450	68,3390		
Irradiado	309	CA	280°18'53"		90°48'32"		1,500	61,3290	61,3230		
Irradiado	310	CERV	280°37'17"		91°06'12"		1,500	59,4220	59,4110		
Irradiado	311	CED	328°53'02"		91°58'04"		1,500	40,0100	39,9870		
Irradiado	312	CED	320°25'22"		92°11'28"		1,500	35,4540	35,4280		
Irradiado	313	CED	313°45'22"		92°09'24"		1,500	33,0060	32,9830		
Irradiado	314	CA	303°03'56"		92°00'52"		1,500	30,4570	30,4380		
Irradiado	315	CED	301°02'08"		91°55'08"		1,500	32,7500	32,7320		
Irradiado	316	CER	287°25'06"		91°40'41"		1,500	29,9590	29,9460		
Irradiado	317	CA	208°03'22"		88°55'20"		1,500	8,5880	8,5870		
Irradiado	318	CA	236°30'43"		89°35'01"		1,500	12,4490	12,4490		
Irradiado	319	CERV	253°52'13"		89°53'40"		1,500	17,5590	17,5590		
Irradiado	320	CER	258°19'53"		90°15'19"		1,500	20,3810	20,3800		
Irradiado	321	CED	255°15'14"		89°59'56"		1,500	21,8890	21,8890		
Irradiado	322	CA	260°20'56"		90°16'48"		1,500	28,0660	28,0660		
Irradiado	323	CA	262°22'37"		90°27'23"		1,500	31,5380	31,5370		
Irradiado	324	CA	264°50'03"		90°35'21"		1,500	37,8120	37,8100		
Irradiado	325	CERV	261°46'05"		86°35'10"		4,600	43,5230	43,4460		
Irradiado	326	CED	264°53'02"		87°35'31"		4,600	48,8870	48,8430		
Irradiado	327	CED	267°22'40"		90°46'42"		1,500	56,0040	55,9990		
Irradiado	328	CERD	267°43'00"		90°43'55"		1,500	58,8260	58,8210		
Irradiado	329	CER	270°51'40"		90°44'40"		1,500	58,5660	58,5610		
Irradiado	330	CER	272°20'34"		90°44'54"		1,500	73,9070	73,9010		
Irradiado	331	CERD	271°12'11"		90°39'12"		1,500	74,4370	74,4330		
Irradiado	332	CERV	272°24'55"		90°40'36"		1,500	94,8030	94,7960		
Irradiado	333	CA	272°44'27"		90°42'52"		1,500	97,2370	97,2290		
Irradiado	334	CED	273°05'37"		90°36'02"		1,500	104,4410	104,4360		
Irradiado	335	CERD	274°15'36"		89°31'38"		4,600	128,6040	128,6000		
Irradiado	336	PC	266°51'37"		90°39'09"		1,500	27,1370	27,1350		
Irradiado	337	CERV	17°44'41"		91°50'25"		1,000	54,6500	54,6220		
Irradiado	338	CER	20°45'54"		93°11'33"		0,100	43,9630	43,8950		
Irradiado	339	CA	25°18'08"		91°07'55"		1,500	53,8800	53,8690		
Irradiado	340	CA	27°51'24"		86°49'38"		4,500	46,5790	46,5080		
Irradiado	341	CERD	24°37'52"		91°05'41"		1,500	44,6290	44,6210		
Irradiado	342	CED	25°17'15"		91°10'52"		1,500	43,5220	43,5130		
Irradiado	343	CA	28°53'11"		91°20'35"		1,500	36,9400	36,9300		
Irradiado	344	CA	33°44'25"		91°08'27"		1,500	31,9130	31,9070		
Irradiado	345	CED	46°10'02"		90°34'41"		1,500	23,9190	23,9180		
Irradiado	346	CED	57°49'22"		89°50'38"		1,500	20,2840	20,2840		
Irradiado	347	CA	80°16'12"		89°46'46"		1,500	16,8850	16,8840		
Irradiado	348	CA	85°19'04"		88°22'04"		1,500	16,4370	16,4300		
Irradiado	349	CA	119°57'37"		86°39'32"		1,500	18,4640	18,4320		
Irradiado	350	PC	124°53'39"		87°09'26"		1,500	16,4150	16,3940		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D4	E	1,631				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL42		0°00'00"	180°00'07"	91°43'47"	268°15'46"	1,500	181,1590	181,0760		
Auxiliar	D4.1	A	182°32'41"	2°32'39"	88°27'28"	271°31'56"	1,500	188,8380	188,7690		
Irradiado	351	BAT	204°17'42"		89°22'42"		1,500	18,9100	18,9090		
Irradiado	352	BAT	180°43'29"		88°09'49"		1,500	19,7800	19,7690		
Irradiado	353	EXT	191°31'07"		89°30'35"		1,500	19,9110	19,9100		
Irradiado	354	EXT	184°42'25"		89°09'51"		1,500	47,4930	47,4870		
Irradiado	355	BAT	179°57'10"		88°18'57"		1,500	47,1190	47,0990		
Irradiado	356	BAT	187°47'17"		88°58'17"		1,500	48,4060	48,3980		
Irradiado	357	BAT	179°35'37"		88°20'59"		1,500	78,2410	78,2090		
Irradiado	358	BAT	183°14'23"		88°24'20"		1,500	78,0710	78,0410		
Irradiado	359	EXT	181°27'50"		88°28'27"		1,500	78,6890	78,6620		
Irradiado	360	EXT	181°26'19"		88°16'27"		1,500	109,7810	109,7320		
Irradiado	361	BAT	180°08'03"		88°15'13"		1,500	110,8190	110,7680		
Irradiado	362	BAT	182°36'09"		88°19'03"		1,500	109,9250	109,8780		
Irradiado	363	BAT	183°30'52"		88°23'46"		1,500	155,4010	155,3400		
Irradiado	364	BAT	180°55'45"		87°55'23"		2,500	155,4280	155,3260		
Irradiado	365	EXT	182°38'11"		88°26'36"		1,500	155,4420	155,3840		
Irradiado	366	PC	179°58'36"		88°03'44"		1,500	114,1010	114,0350		
Irradiado	367	PC	178°38'55"		88°10'36"		1,500	75,6730	75,6350		
Irradiado	368	PC	178°59'42"		87°24'44"		1,500	33,5420	33,5080		
Irradiado	369	PC	28°35'26"		88°33'21"		1,500	7,8570	7,8550		
Irradiado	370	PC	8°11'31"		91°31'05"		1,500	47,0260	47,0100		
Irradiado	371	CED	7°59'42"		91°39'53"		1,500	84,5210	84,4850		
Irradiado	372	CED	8°24'41"		91°47'30"		1,500	77,9150	77,8770		
Irradiado	373	CERD	8°30'59"		91°46'52"		1,500	76,3560	76,3190		
Irradiado	374	CED	8°33'54"		91°46'06"		1,500	72,8550	72,8210		
Irradiado	375	CED	9°08'43"		91°41'41"		1,500	63,7870	63,7590		
Irradiado	376	CERD	10°19'48"		91°35'47"		1,500	53,0200	52,9990		
Irradiado	377	CED	10°56'05"		90°48'14"		1,500	46,5840	46,5800		
Irradiado	378	CED	11°30'54"		90°51'15"		1,500	40,1440	40,1400		
Irradiado	379	CERD	11°59'52"		91°15'26"		1,500	37,2730	37,2640		
Irradiado	380	MCER	26°48'15"		89°26'31"		1,500	14,8740	14,8730		
Irradiado	381	MED	36°12'27"		87°14'50"		1,500	11,0080	10,9960		
Irradiado	382	MED	76°31'21"		84°04'22"		1,500	6,4040	6,3700		
Irradiado	383	MED	137°49'47"		84°41'49"		1,500	9,0270	8,9890		
Irradiado	384	CED	156°48'30"		86°42'07"		1,500	14,5540	14,5300		
Irradiado	385	CERD	164°59'19"		86°54'22"		1,500	20,4620	20,4320		
Irradiado	386	CERD	176°07'47"		88°03'20"		1,500	52,9730	52,9420		
Irradiado	387	CERD	178°19'52"		88°14'24"		1,500	67,6860	67,6540		
Irradiado	388	CA	174°47'10"		87°58'41"		1,500	71,0670	71,0230		
Irradiado	389	CA	176°03'37"		88°12'30"		1,500	79,0960	79,0580		
Irradiado	390	CERD	178°39'31"		88°04'55"		1,500	92,8630	92,8110		
Irradiado	391	CER	179°18'57"		88°08'57"		1,500	105,5680	105,5130		
Irradiado	392	CERD	178°03'03"		88°02'17"		1,500	106,1900	106,1280		
Irradiado	393	CERD	178°32'32"		88°01'28"		1,500	124,4880	124,4140		
Irradiado	394	CERD	178°30'48"		88°02'39"		1,500	124,5370	124,4640		
Irradiado	395	CER	179°49'13"		88°02'38"		1,500	124,4890	124,4160		
Irradiado	396	CERD	188°03'24"		88°34'12"		1,500	118,8200	118,7830		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D4	E	1,631				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	397	CERD	193°23'30"		88°41'35"		1,500	64,2560	64,2390		
Irradiado	398	CER	191°53'19"		88°47'53"		1,500	63,9790	63,9650		
Irradiado	399	CA	200°18'15"		89°15'34"		1,500	59,4260	59,4210		
Irradiado	400	CA	202°16'32"		87°33'12"		2,600	53,4610	53,4120		
Irradiado	401	CER	196°01'52"		89°14'48"		1,500	43,7550	43,7520		
Irradiado	402	CERD	197°01'18"		89°10'19"		1,500	43,6130	43,6090		
Irradiado	403	CER	201°57'03"		89°04'38"		1,500	31,0270	31,0230		
Irradiado	404	CERD	213°46'32"		88°34'20"		1,500	34,3380	34,3270		
Irradiado	405	CED	216°36'31"		88°45'05"		1,500	32,4740	32,4660		
Irradiado	406	CED	225°36'35"		88°38'34"		1,500	27,3830	27,3750		
Irradiado	407	CERD	234°47'06"		89°33'22"		1,500	24,3290	24,3280		
Irradiado	408	CER	215°19'36"		89°33'24"		1,500	17,1440	17,1430		
Irradiado	409	CERD	256°56'44"		92°14'26"		1,500	8,6370	8,6310		
Irradiado	410	CERV	322°52'17"		91°09'45"		1,500	14,4880	14,4850		
Irradiado	411	CERV	347°18'18"		92°02'55"		1,500	39,5190	39,4940		
Irradiado	412	CER	350°44'00"		91°58'10"		1,500	53,9880	53,9560		
Irradiado	413	CER	349°24'24"		92°15'10"		1,500	55,3070	55,2640		
Irradiado	414	CED	350°36'26"		92°00'35"		1,500	60,3150	60,2780		
Irradiado	415	CED	351°40'03"		91°56'19"		1,500	66,1410	66,1030		
Irradiado	416	CERV	352°11'00"		91°56'40"		1,500	68,1040	68,0650		
Irradiado	417	CA	352°47'26"		92°02'57"		1,500	72,8760	72,8300		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D4.1	E	1,558				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D4		0°00'00"	180°00'08"	91°36'37"	268°23'02"	1,500	188,9350	188,8600		
Irradiado	418	BAT	100°21'38"		89°49'42"		1,500	7,2300	7,2300		
Irradiado	419	BAT	162°45'32"		91°08'29"		1,500	2,7750	2,7750		
Irradiado	420	EXT	118°04'18"		92°39'27"		1,500	4,8300	4,8250		
Irradiado	421	EXT	168°23'15"		89°48'21"		1,500	30,6930	30,6930		
Irradiado	422	BAT	162°47'36"		89°20'51"		1,500	31,2080	31,2060		
Irradiado	423	BAT	173°02'05"		89°35'35"		1,500	30,7790	30,7780		
Irradiado	424	BAT	173°10'54"		89°41'32"		1,500	54,4450	54,4440		
Irradiado	425	BAT	168°46'49"		89°39'16"		1,500	54,9750	54,9740		
Irradiado	426	EXT	170°58'20"		89°44'16"		1,500	54,4220	54,4210		
Irradiado	427	CA	156°29'14"		87°48'07"		2,500	60,3230	60,2790		
Irradiado	428	CA	153°48'04"		87°25'03"		2,500	54,6000	54,5440		
Irradiado	429	CER	166°14'45"		86°36'20"		4,000	61,1530	61,0460		
Irradiado	430	CA	144°25'14"		88°17'36"		1,500	43,7620	43,7430		
Irradiado	431	CA	139°04'02"		88°23'40"		1,500	38,9730	38,9580		
Irradiado	432	CA	52°31'16"		89°24'56"		1,500	12,2370	12,2370		
Irradiado	433	CA	42°25'01"		89°24'48"		1,500	38,9060	38,9040		
Irradiado	434	CA	21°18'52"		90°06'08"		1,500	46,6980	46,6980		
Irradiado	435	CA	19°45'09"		89°59'21"		1,500	27,4650	27,4650		
Irradiado	436	CERV	162°47'48"		88°58'34"		1,500	42,0680	42,0620		
Irradiado	437	CERV	162°43'25"		89°01'14"		1,500	38,9110	38,9060		
Irradiado	438	CER	181°51'26"		89°32'20"		1,500	27,9080	27,9070		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D4.1	E	1,558				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	439	CERD	14°05'59"		89°45'17"		1,500	34,7350	34,7350		
Irradiado	440	CER	8°58'01"		90°28'54"		1,500	34,8630	34,8620		
Irradiado	441	CER	350°21'12"		91°36'11"		1,500	17,6200	17,6130		
Irradiado	442	CER	327°30'57"		90°45'45"		1,500	24,0870	24,0850		
Irradiado	443	CER	346°19'35"		91°18'54"		1,500	41,8030	41,7920		
Irradiado	444	CER	354°39'16"		91°16'52"		1,500	39,9840	39,9740		
Irradiado	445	CER	355°51'21"		91°19'02"		1,500	69,4130	69,3950		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL43	E	1,505				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL42		0°00'01"	180°00'17"	91°47'13"	268°12'25"	1,500	73,4900	73,4550		
Auxiliar	RN1	A	335°51'43"	155°51'19"	91°34'16"	268°25'23"	1,500	83,2640	83,2320		
Auxiliar	D5	A	176°19'33"	356°19'45"	87°01'14"	272°57'30"	1,500	21,0880	21,0590		
Irradiado	446	CEMITERIO	144°29'09"		85°43'25"		1,500	20,1730	20,1160		
Irradiado	447	EXT	112°05'27"		88°02'44"		1,500	46,4460	46,4190		
Irradiado	448	BAT	116°53'08"		87°48'00"		1,500	48,9390	48,9020		
Irradiado	449	BAT	108°11'17"		88°01'12"		1,500	44,0510	44,0250		
Irradiado	450	CER	119°54'49"		87°31'35"		1,500	55,2780	55,2260		
Irradiado	451	CERD	141°23'57"		86°03'12"		2,000	35,6300	35,5460		
Irradiado	452	BAT	129°19'55"		86°47'26"		2,000	26,7140	26,6720		
Irradiado	453	BAT	136°36'03"		86°39'26"		2,000	30,8700	30,8170		
Irradiado	454	EXT	133°05'56"		86°53'03"		1,500	28,6780	28,6360		
Irradiado	455	EXT	202°02'14"		88°40'24"		1,500	22,2450	22,2390		
Irradiado	456	BAT	190°23'49"		88°15'50"		1,500	23,4480	23,4370		
Irradiado	457	BAT	196°30'40"		88°48'24"		1,500	25,3040	25,2980		
Irradiado	458	BAT	201°35'55"		88°55'28"		1,500	29,4730	29,4680		
Irradiado	459	CER	200°04'59"		88°55'04"		1,500	30,7060	30,7000		
Irradiado	460	BAT	166°02'43"		86°55'01"		1,500	18,1440	18,1170		
Irradiado	461	BAT	170°10'14"		87°11'20"		1,500	16,7570	16,7360		
Irradiado	462	BAT	170°18'17"		86°52'30"		1,500	13,7180	13,6980		
Irradiado	463	BAT	205°12'25"		88°47'37"		1,500	18,8200	18,8150		
Irradiado	464	BAT	205°58'24"		88°43'12"		1,500	16,1760	16,1720		
Irradiado	465	BAT	211°39'07"		88°42'31"		1,500	13,2390	13,2360		
Irradiado	466	BAT	277°40'50"		92°39'11"		1,500	9,9700	9,9600		
Irradiado	467	BAT	343°00'42"		93°44'40"		1,500	5,8870	5,8750		
Irradiado	468	EXT	301°47'01"		93°06'17"		1,500	7,4390	7,4280		
Irradiado	469	EXT	336°42'04"		92°15'34"		1,500	34,0380	34,0120		
Irradiado	470	BAT	343°45'41"		92°17'36"		1,500	33,3760	33,3490		
Irradiado	471	BAT	330°08'33"		92°07'01"		1,500	35,4590	35,4350		
Irradiado	472	CER	324°56'00"		92°05'31"		1,500	32,4770	32,4550		
Irradiado	473	CER	208°10'06"		88°46'20"		1,500	15,9470	15,9430		
Irradiado	474	CERD	224°52'07"		90°37'51"		1,500	25,2920	25,2900		
Irradiado	475	CERD	240°32'56"		89°45'58"		1,500	35,4650	35,4650		
Irradiado	476	CER	217°48'34"		89°27'28"		1,500	43,2870	43,2850		
Irradiado	477	CED	216°29'27"		88°40'05"		1,500	55,4340	55,4190		
Irradiado	478	CED	214°46'38"		88°28'30"		1,500	62,1460	62,1240		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL43	E	1,505				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	479	CER	204°17'51"		89°04'13"		1,500	47,1480	47,1420		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL44	E	1,522				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL43		0°00'00"	180°00'17"	92°27'56"	267°31'48"	1,500	141,2120	141,0820		
Auxiliar	D6	A	99°15'58"	279°15'54"	86°16'39"	273°41'59"	1,500	34,8680	34,7950		
Irradiado	480	BAT	0°37'10"		93°11'25"		1,500	100,8200	100,6640		
Irradiado	481	BAT	356°37'28"		93°13'30"		1,500	102,0360	101,8750		
Irradiado	482	EXT	359°03'54"		93°08'17"		1,500	101,5290	101,3770		
Irradiado	483	BAT	0°19'33"		93°16'40"		1,500	94,6250	94,4700		
Irradiado	484	BAT	356°24'26"		93°17'36"		1,500	94,8050	94,6480		
Irradiado	485	BAT	1°26'23"		93°16'11"		1,500	67,1140	67,0050		
Irradiado	486	BAT	356°41'07"		93°13'46"		1,500	66,4710	66,3650		
Irradiado	487	EXT	359°20'13"		93°16'14"		1,500	65,9170	65,8100		
Irradiado	488	BAT	357°04'53"		93°23'35"		1,500	48,9300	48,8440		
Irradiado	489	BAT	4°33'40"		93°23'31"		1,500	50,2490	50,1610		
Irradiado	490	EXT	1°19'37"		93°24'06"		1,500	49,7040	49,6160		
Irradiado	491	BAT	359°19'27"		93°33'44"		1,500	32,1830	32,1210		
Irradiado	492	BAT	11°21'49"		93°27'27"		1,500	33,0120	32,9520		
Irradiado	493	EXT	6°50'07"		93°19'43"		1,500	32,3170	32,2630		
Irradiado	494	BAT	1°30'53"		92°48'17"		1,500	18,2340	18,2120		
Irradiado	495	BAT	23°05'49"		90°58'22"		1,500	20,6950	20,6920		
Irradiado	496	EXT	15°28'54"		91°15'12"		1,500	19,5800	19,5750		
Irradiado	497	BAT	91°09'20"		81°41'19"		1,500	3,1770	3,1440		
Irradiado	498	BAT	95°42'12"		82°11'45"		1,500	11,8170	11,7080		
Irradiado	499	BAT	99°06'15"		82°03'50"		1,500	12,6280	12,5080		
Irradiado	500	BAT	100°16'20"		82°04'54"		1,500	13,7410	13,6100		
Irradiado	501	BAT	169°51'11"		87°06'43"		1,500	21,9060	21,8780		
Irradiado	502	BAT	125°16'17"		83°55'33"		1,500	22,3570	22,2310		
Irradiado	503	BAT	130°13'08"		84°11'27"		1,500	21,5130	21,4020		
Irradiado	504	BAT	140°02'57"		85°22'47"		1,500	22,6740	22,6000		
Irradiado	505	BAT	153°26'36"		86°35'41"		1,500	31,8890	31,8330		
Irradiado	506	EXT	160°28'46"		86°57'08"		1,500	30,9610	30,9170		
Irradiado	507	BAT	171°19'36"		87°03'34"		1,500	57,4060	57,3300		
Irradiado	508	BAT	164°07'50"		86°57'44"		1,500	58,8520	58,7690		
Irradiado	509	EXT	167°51'57"		87°07'55"		1,500	58,4080	58,3350		
Irradiado	510	BAT	166°03'58"		87°04'23"		1,500	87,1480	87,0340		
Irradiado	511	BAT	171°04'48"		87°07'49"		1,500	86,3360	86,2270		
Irradiado	512	EXT	168°22'30"		87°13'14"		1,500	86,8250	86,7230		
Irradiado	513	BAT	167°08'54"		87°02'33"		1,500	109,2950	109,1500		
Irradiado	514	BAT	170°54'15"		87°02'39"		1,500	108,3080	108,1640		
Irradiado	515	EXP	168°48'13"		87°02'10"		1,500	109,1880	109,0420		
Irradiado	516	BAT	169°01'13"		87°00'56"		1,500	131,4350	131,2570		
Irradiado	517	BAT	171°49'42"		87°02'35"		1,500	131,3500	131,1750		
Irradiado	518	EXT	170°43'55"		87°08'36"		1,500	152,6930	152,5030		
Irradiado	519	CERD	353°59'03"		91°08'24"		4,500	78,8510	78,8360		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL44	E	1,522				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	520	CERD	354°26'33"		90°53'07"		4,500	66,7340	66,7260		
Irradiado	521	CA	352°00'34"		90°46'43"		4,500	62,9240	62,9180		
Irradiado	522	CA	351°42'29"		90°50'34"		4,500	56,3170	56,3110		
Irradiado	523	CERD	1°24'55"		93°12'36"		1,500	72,9170	72,8030		
Irradiado	524	CERD	4°34'54"		93°14'20"		1,500	56,7320	56,6410		
Irradiado	525	CA	9°42'55"		93°10'01"		1,500	52,6030	52,5220		
Irradiado	526	CA	11°53'50"		93°19'01"		1,500	46,4730	46,3960		
Irradiado	527	CER	8°24'43"		93°26'26"		1,500	44,3020	44,2230		
Irradiado	528	CERD	11°25'38"		93°17'07"		1,500	44,7430	44,6700		
Irradiado	529	CERD	354°28'54"		90°24'47"		4,000	55,2420	55,2400		
Irradiado	530	CED	13°00'14"		93°11'38"		1,500	37,7690	37,7110		
Irradiado	531	CERD	354°48'20"		93°14'25"		1,500	42,6970	42,6290		
Irradiado	532	CERD	356°30'26"		93°49'32"		1,500	30,8500	30,7810		
Irradiado	533	CED	15°58'53"		93°12'16"		1,500	31,6330	31,5840		
Irradiado	534	CERD	17°59'10"		92°53'14"		1,500	28,2890	28,2530		
Irradiado	535	CERV	352°31'50"		93°34'13"		1,500	14,1530	14,1260		
Irradiado	536	CA	269°35'53"		89°38'22"		1,500	38,4730	38,4720		
Irradiado	537	CA	270°01'20"		89°53'58"		1,500	32,5900	32,5900		
Irradiado	538	CER	94°03'51"		82°10'18"		1,500	12,5130	12,3970		
Irradiado	539	CERV	185°31'19"		88°13'38"		1,500	10,5800	10,5750		
Irradiado	540	CERV	183°45'16"		87°20'18"		1,500	21,5610	21,5370		
Irradiado	541	CA	185°25'04"		81°05'21"		4,000	24,4080	24,1130		
Irradiado	542	CED	182°59'43"		87°45'47"		1,500	32,7660	32,7410		
Irradiado	543	CERD	181°18'02"		87°27'08"		1,500	36,5740	36,5380		
Irradiado	544	CED	181°42'22"		86°55'39"		1,500	42,3080	42,2480		
Irradiado	545	CA	180°52'23"		87°01'15"		1,500	49,3160	49,2490		
Irradiado	546	CA	184°35'09"		83°39'34"		4,600	52,5240	52,2020		
Irradiado	547	CED	182°56'29"		84°13'39"		4,600	58,5380	58,2410		
Irradiado	548	CERV	181°36'11"		84°13'27"		4,600	63,3510	63,0290		
Irradiado	549	CER	131°50'18"		84°24'20"		1,500	23,0160	22,9060		
Irradiado	550	CERD	156°06'11"		86°22'40"		1,500	47,5990	47,5030		
Irradiado	551	CERD	162°29'35"		86°46'29"		1,500	70,8100	70,6980		
Irradiado	552	CER	164°20'14"		86°59'17"		1,500	82,6620	82,5470		
Irradiado	553	CERD	162°45'36"		86°56'07"		1,500	83,0380	82,9190		
Irradiado	554	CED	163°16'08"		87°02'08"		1,500	88,1560	88,0380		
Irradiado	555	CA	164°18'35"		87°02'21"		1,500	88,1100	87,9920		
Irradiado	556	CA	165°03'59"		86°58'24"		1,500	95,0000	94,8670		
Irradiado	557	CERV	165°13'30"		87°02'09"		1,500	96,6690	96,5400		
Irradiado	558	CER	166°26'27"		86°57'06"		1,500	111,3940	111,2370		
Irradiado	559	CERV	171°56'42"		87°02'12"		1,500	100,8120	100,6770		
Irradiado	560	CERD	172°13'22"		87°00'56"		1,500	113,1580	113,0040		
Irradiado	561	CA	174°13'47"		87°00'54"		1,500	105,2480	105,1050		
Irradiado	562	CA	174°13'45"		87°00'52"		1,500	112,1110	111,9590		
Irradiado	563	CERV	172°20'49"		86°53'48"		1,500	125,8860	125,7010		
Auxiliar	D6A	A	169°25'16"	349°25'02"	86°59'54"	272°59'48"	1,500	115,7250	115,5660		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6A	E	1,492				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL44		0°00'00"	180°00'13"	93°00'43"	266°59'10"	1,500	115,8230	115,6630		
Irradiado	564	CERD	75°26'43"		90°11'01"		1,500	12,1440	12,1440		
Irradiado	565	CED	97°33'47"		88°50'40"		1,500	11,5440	11,5420		
Irradiado	566	CED	128°57'35"		87°55'45"		1,500	13,6950	13,6870		
Irradiado	567	CERD	134°40'44"		87°42'47"		1,500	15,3470	15,3340		
Irradiado	568	CER	160°59'51"		86°29'28"		1,500	10,7790	10,7590		
Irradiado	569	CERV	174°42'08"		87°19'08"		1,500	21,6880	21,6640		
Irradiado	570	CA	173°00'10"		87°27'36"		1,500	23,2220	23,1990		
Irradiado	571	CA	177°20'01"		87°27'58"		1,500	33,3060	33,2730		
Irradiado	572	CA	145°41'21"		87°37'29"		1,500	17,6550	17,6390		
Irradiado	573	CA	154°18'18"		87°35'08"		1,500	22,7290	22,7090		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL45	E	1,497				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL44		0°00'00"	180°00'21"	92°55'51"	267°04'11"	1,500	161,1340	160,9230		
Auxiliar	D7	A	97°44'01"	277°44'06"	90°30'05"	269°29'40"	1,500	84,0300	84,0260		
Irradiado	574	BAT	358°42'56"		93°16'57"		1,500	11,5760	11,5570		
Irradiado	575	BAT	3°27'50"		93°26'00"		1,500	10,1950	10,1770		
Irradiado	576	BAT	8°26'16"		93°15'47"		1,500	9,5810	9,5660		
Irradiado	577	BAT	254°44'02"		94°25'36"		1,500	0,8740	0,8710		
Irradiado	578	BAT	12°31'55"		99°44'42"		1,500	0,7560	0,7450		
Irradiado	579	BAT	66°00'55"		95°55'21"		1,500	1,4440	1,4360		
Irradiado	580	BAT	188°37'59"		88°04'03"		1,500	14,9820	14,9730		
Irradiado	581	BAT	209°46'05"		88°03'47"		1,500	17,0270	17,0170		
Irradiado	582	EXT	199°26'28"		88°25'47"		1,500	16,0770	16,0710		
Irradiado	583	BAT	187°46'57"		88°01'06"		1,500	35,6220	35,6010		
Irradiado	584	BAT	196°36'51"		88°04'18"		1,500	37,1480	37,1270		
Irradiado	585	EXT	192°11'24"		88°07'40"		1,500	36,9030	36,8830		
Irradiado	586	BAT	187°28'58"		88°13'25"		1,500	55,4260	55,3990		
Irradiado	587	BAT	192°17'07"		88°04'24"		1,500	56,5740	56,5420		
Irradiado	588	EXT	189°18'57"		88°16'25"		1,500	56,0780	56,0520		
Irradiado	589	BAT	187°13'36"		88°13'20"		1,500	72,7090	72,6740		
Irradiado	590	BAT	190°41'18"		88°09'33"		1,500	72,6750	72,6380		
Irradiado	591	EXT	188°20'16"		88°13'03"		1,500	72,8120	72,7770		
Irradiado	592	CERV	291°57'09"		91°32'10"		1,500	9,4710	9,4680		
Irradiado	593	CERV	230°23'35"		88°39'12"		1,500	13,6490	13,6460		
Auxiliar	D8	A	201°41'56"	21°41'50"	88°06'26"	271°53'25"	1,500	33,2370	33,2190		
Irradiado	584	BAT	209°21'23"		88°19'05"		1,500	21,5990	21,5890		
Irradiado	585	BAT	210°18'44"		88°15'53"		1,500	23,5330	23,5220		
Irradiado	586	BAT	214°39'10"		88°17'42"		1,500	26,0440	26,0320		
Irradiado	587	BAT	219°55'52"		88°25'18"		1,500	27,9770	27,9660		
Irradiado	588	BAT	210°45'04"		88°25'18"		1,500	43,2890	43,2730		
Irradiado	589	BAT	212°49'34"		88°18'29"		1,500	40,9150	40,8980		
Irradiado	590	BAT	205°17'44"		88°10'54"		1,500	39,3780	39,3580		
Irradiado	591	BAT	215°25'16"		88°22'14"		1,500	40,5060	40,4900		
Irradiado	592	CER	132°13'13"		95°07'36"		1,500	0,5580	0,5560		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL45	E	1,497				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	593	CA	144°14'40"		87°42'33"		1,500	4,9700	4,9660		
Irradiado	594	CA	171°29'03"		88°09'45"		1,500	10,9460	10,9410		
Irradiado	595	CA	180°10'51"		87°31'19"		1,500	21,0630	21,0430		
Irradiado	596	CA	182°29'42"		87°49'14"		1,500	27,2190	27,1990		
Irradiado	597	CERD	185°24'11"		88°00'17"		1,500	28,5910	28,5740		
Irradiado	598	MCER	185°38'47"		88°00'08"		1,500	36,0710	36,0490		
Irradiado	599	MCER	185°58'04"		88°07'20"		1,500	48,8880	48,8610		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D8	E	1,485				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL45		359°59'59"	180°00'07"	91°50'50"	268°09'05"	1,500	33,2140	33,1970		
Irradiado	600	BAT	250°14'57"		89°58'37"		1,500	26,5820	26,5820		
Irradiado	601	BAT	266°40'29"		90°20'03"		1,500	26,7110	26,7100		
Irradiado	602	EXT	260°25'21"		90°02'15"		1,500	26,7320	26,7320		
Irradiado	603	BAT	252°53'13"		90°02'26"		1,500	45,9370	45,9370		
Irradiado	604	BAT	262°06'15"		90°11'38"		1,500	46,9350	46,9350		
Irradiado	605	EXT	258°07'03"		90°07'05"		1,500	46,9400	46,9400		
Irradiado	606	BAT	254°03'23"		90°06'29"		1,500	65,7280	65,7280		
Irradiado	607	BAT	260°17'22"		90°14'24"		1,500	66,3680	66,3670		
Irradiado	608	EXT	257°26'50"		90°09'46"		1,500	66,0030	66,0030		
Irradiado	609	BAT	254°13'13"		90°18'48"		1,500	84,8480	84,8460		
Irradiado	610	BAT	259°06'39"		90°23'09"		1,500	86,3280	86,3260		
Irradiado	611	EXT	256°53'14"		90°18'59"		1,500	86,6230	86,6210		
Irradiado	612	BAT	254°24'49"		90°20'42"		1,500	104,5410	104,5390		
Irradiado	613	BAT	258°35'25"		90°27'19"		1,500	104,3660	104,3630		
Irradiado	614	EXT	256°48'49"		90°25'16"		1,500	104,4100	104,4070		
Irradiado	615	CED	150°02'42"		88°21'37"		1,500	39,5580	39,5420		
Irradiado	616	CERV	153°42'46"		88°22'45"		1,500	52,5570	52,5360		
Irradiado	617	ARV	162°07'26"		88°17'09"		1,500	40,0520	40,0340		
Irradiado	618	CA	94°56'20"		85°56'51"		2,200	15,4330	15,3940		
Irradiado	619	CA	120°01'07"		84°54'27"		2,200	20,9820	20,8990		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL46	E	1,550				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL45		0°00'01"	180°00'13"	91°40'25"	268°19'25"	1,500	91,1970	91,1580		
Auxiliar	RN2	A	264°19'14"	84°19'11"	90°32'00"	269°27'55"	1,500	80,1710	80,1670		
Irradiado	620	BAT	8°47'22"		90°54'02"		1,500	14,6570	14,6560		
Irradiado	621	BAT	6°08'39"		91°10'35"		1,500	13,6020	13,6000		
Irradiado	622	BAT	2°25'23"		91°09'47"		1,500	12,6360	12,6340		
Irradiado	623	BAT	99°55'23"		91°31'37"		1,500	1,4010	1,4010		
Irradiado	624	BAT	53°07'37"		97°02'00"		1,500	0,7330	0,7280		
Irradiado	625	BAT	321°10'37"		97°46'10"		1,500	0,8460	0,8380		
Irradiado	626	EXT	43°51'53"		91°08'42"		1,500	9,5870	9,5850		
Irradiado	627	BAT	295°41'42"		91°08'02"		1,500	25,0630	25,0580		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL46	E	1,550				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	628	EXT	283°18'35"		90°47'33"		1,500	23,3950	23,3930		
Irradiado	629	BAT	269°38'08"		90°32'36"		1,500	22,2290	22,2280		
Irradiado	630	BAT	267°00'36"		90°27'27"		1,500	42,2300	42,2290		
Irradiado	631	EXT	273°29'53"		90°42'30"		1,500	42,8550	42,8520		
Irradiado	632	BAT	280°38'25"		90°47'04"		1,500	44,3530	44,3490		
Irradiado	633	BAT	275°15'48"		90°39'55"		1,500	65,7140	65,7100		
Irradiado	634	EXT	271°33'20"		90°37'10"		1,500	65,2170	65,2130		
Irradiado	635	BAT	266°19'24"		90°35'21"		1,500	64,5640	64,5610		
Irradiado	636	BAT	265°30'54"		90°35'00"		1,500	84,3760	84,3710		
Irradiado	637	EXT	269°20'10"		90°42'22"		1,500	84,6140	84,6070		
Irradiado	638	BAT	272°55'02"		90°47'44"		1,500	85,5110	85,5020		
Irradiado	639	BAT	271°18'02"		90°47'43"		1,500	105,1850	105,1750		
Irradiado	640	EXT	268°42'47"		90°45'29"		1,500	104,4050	104,3960		
Irradiado	641	BAT	265°31'16"		90°42'27"		1,500	103,6970	103,6890		
Irradiado	642	BAT	265°20'45"		90°48'03"		1,500	123,1710	123,1590		
Irradiado	643	EXT	267°45'34"		90°48'24"		1,500	123,6580	123,6460		
Irradiado	644	BAT	270°17'42"		90°53'03"		1,500	124,8120	124,7970		
Irradiado	645	BAT	269°35'47"		90°52'58"		1,500	143,3850	143,3680		
Irradiado	646	EXT	267°52'42"		90°50'51"		1,500	142,9500	142,9350		
Irradiado	647	BAT	265°21'58"		90°49'34"		1,500	142,5250	142,5110		
Irradiado	648	BAT	265°24'18"		90°51'20"		1,500	155,7270	155,7090		
Irradiado	649	EXT	267°09'31"		90°51'42"		1,500	156,2220	156,2040		
Irradiado	650	BAT	269°07'39"		90°54'44"		1,500	156,3800	156,3600		
Irradiado	651	BAT	132°32'11"		89°40'09"		1,500	3,4190	3,4190		
Irradiado	652	BAT	161°34'45"		88°45'09"		1,500	19,3410	19,3360		
Irradiado	653	BAT	163°58'34"		88°56'39"		1,500	35,2840	35,2780		
Irradiado	654	BAT	165°07'45"		88°56'59"		1,500	52,6320	52,6230		
Irradiado	655	BAT	157°00'10"		88°54'26"		1,500	51,4660	51,4560		
Irradiado	656	EXT	159°44'52"		88°55'10"		1,500	50,1060	50,0970		
Irradiado	657	BAT	156°38'17"		88°55'25"		1,500	38,6290	38,6220		
Irradiado	658	EXT	159°17'59"		88°55'41"		1,500	37,3200	37,3140		
Irradiado	659	BAT	151°26'53"		88°43'19"		1,500	25,5030	25,4970		
Irradiado	660	BAT	147°51'58"		88°42'27"		1,500	24,4900	24,4840		
Irradiado	661	BAT	142°14'10"		88°42'43"		1,500	25,5450	25,5380		
Irradiado	662	BAT	132°52'56"		88°31'24"		1,500	22,4290	22,4210		
Irradiado	663	BAT	135°27'29"		88°46'46"		1,500	20,4560	20,4510		
Irradiado	664	BAT	133°17'35"		88°59'32"		1,500	17,3970	17,3940		
Irradiado	665	EXT	147°05'18"		88°56'47"		1,500	19,7350	19,7310		
Irradiado	666	BAT	86°12'45"		89°54'58"		1,500	10,4030	10,4030		
Irradiado	667	BAT	127°29'34"		88°35'45"		1,500	35,4820	35,4710		
Irradiado	668	BAT	118°49'36"		88°42'28"		1,500	31,4870	31,4790		
Irradiado	669	EXT	123°37'20"		88°36'50"		1,500	33,6020	33,5920		
Irradiado	670	EXT	105°40'06"		89°06'39"		1,500	55,7320	55,7250		
Irradiado	671	EXT	105°40'11"		89°06'39"		1,500	55,7140	55,7070		
Irradiado	672	BAT	107°30'22"		89°03'40"		1,500	56,3640	56,3560		
Irradiado	673	BAT	102°29'01"		89°05'48"		1,500	54,0580	54,0510		
Irradiado	674	BAT	98°19'47"		89°15'04"		1,500	72,4460	72,4400		
Irradiado	675	BAT	102°12'53"		89°07'45"		1,500	73,9290	73,9210		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL46	E	1,550				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	676	EXT	100°11'51"		89°12'31"		1,500	73,0880	73,0810		
Irrradiado	677	BAT	97°18'04"		89°13'09"		1,500	82,0530	82,0450		
Irrradiado	678	BAT	95°53'44"		89°16'51"		1,500	83,7000	83,6930		
Irrradiado	679	BAT	94°16'25"		89°16'58"		1,500	84,3150	84,3080		
Irrradiado	680	BAT	101°06'51"		89°03'28"		1,500	84,9310	84,9190		
Irrradiado	681	BAT	101°23'32"		89°05'32"		1,500	86,3570	86,3460		
Irrradiado	682	BAT	102°45'26"		89°08'31"		1,500	87,5120	87,5020		
Irrradiado	683	EXT	98°15'09"		89°19'16"		1,500	92,1800	92,1730		
Auxiliar	D10	A	130°06'07"	310°06'14"	88°25'37"	271°34'14"	1,500	25,8800	25,8700		
Irrradiado	684	CA	174°53'34"		88°55'24"		1,500	7,5060	7,5050		
Irrradiado	685	CA	201°21'07"		82°12'31"		1,500	0,4540	0,4500		
Irrradiado	686	CA	259°50'58"		89°12'49"		1,500	5,2680	5,2680		
Irrradiado	687	CA	262°06'33"		89°30'11"		1,500	10,2390	10,2390		
Irrradiado	688	CA	262°57'17"		89°36'57"		1,500	15,3140	15,3130		
Irrradiado	689	CA	263°14'54"		90°03'10"		1,500	20,2320	20,2320		
Irrradiado	690	CA	263°31'24"		90°03'10"		1,500	25,3210	25,3210		
Irrradiado	691	CA	263°44'03"		90°03'09"		1,500	30,2890	30,2890		
Irrradiado	692	CA	263°47'12"		89°57'41"		1,500	35,3100	35,3100		
Irrradiado	693	CA	263°56'14"		90°05'44"		1,500	40,2570	40,2570		
Irrradiado	694	CA	263°57'55"		90°05'46"		1,500	45,3640	45,3640		
Irrradiado	695	CA	264°03'08"		90°09'05"		1,500	50,3070	50,3060		
Irrradiado	696	CA	264°03'19"		90°05'02"		1,500	55,3440	55,3440		
Irrradiado	697	CA	264°08'05"		90°15'25"		1,500	60,3620	60,3610		
Irrradiado	698	CA	264°09'14"		90°16'39"		1,500	65,3940	65,3930		
Irrradiado	699	CA	264°11'52"		90°24'24"		1,500	70,2750	70,2730		
Irrradiado	700	CA	264°11'53"		90°24'26"		1,500	75,3100	75,3080		
Irrradiado	701	CA	264°14'35"		90°32'13"		1,500	80,3350	80,3310		
Irrradiado	702	CA	264°16'13"		90°28'17"		1,500	85,3650	85,3620		
Irrradiado	703	CA	264°16'39"		90°28'15"		1,500	90,4230	90,4200		
Irrradiado	704	CA	264°17'57"		90°27'18"		1,500	95,4140	95,4110		
Irrradiado	705	CA	264°18'59"		90°31'40"		1,500	100,4790	100,4750		
Irrradiado	706	CA	264°19'42"		90°31'41"		1,500	105,4920	105,4880		
Irrradiado	707	CA	264°19'30"		90°39'38"		1,500	120,3800	120,3720		
Irrradiado	708	CA	264°19'26"		90°38'06"		1,500	125,3910	125,3830		
Irrradiado	709	CA	264°20'07"		90°43'42"		1,500	130,4180	130,4080		
Irrradiado	710	CA	264°20'06"		90°43'42"		1,500	135,4380	135,4270		
Irrradiado	711	CA	264°20'06"		90°43'42"		1,500	140,4780	140,4670		
Irrradiado	712	CA	264°21'18"		90°43'42"		1,500	145,5090	145,4970		
Irrradiado	713	CA	264°21'19"		90°43'42"		1,500	150,4330	150,4200		
Irrradiado	714	CA	264°21'20"		90°44'33"		1,500	155,4390	155,4260		
Auxiliar	D11	A	95°46'41"	275°46'43"	89°20'10"	270°39'47"	1,500	88,3560	88,3500		
Auxiliar	D12	A	263°54'00"	83°54'13"	90°02'34"	269°57'04"	1,500	24,6800	24,6800		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL46		0°00'00"	180°00'10"	91°47'38"	268°11'28"	1,500	25,8900	25,8770		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	715	COTA	336°03'34"		91°33'44"		1,500	20,0360	20,0280		
Irradiado	716	COTA	321°58'20"		91°18'35"		1,500	19,5240	19,5190		
Irradiado	717	COTA	327°39'38"		91°08'38"		1,500	33,1720	33,1650		
Irradiado	718	COTA	320°24'27"		91°00'05"		1,500	32,8870	32,8820		
Irradiado	719	COTA	323°57'58"		90°59'06"		1,500	48,5300	48,5220		
Irradiado	720	COTA	318°35'27"		90°52'38"		1,500	48,0320	48,0260		
Irradiado	721	COTA	322°05'47"		90°52'38"		1,500	62,2380	62,2310		
Irradiado	722	COTA	318°08'43"		90°50'39"		1,500	61,9440	61,9370		
Irradiado	723	COTA	320°39'24"		90°48'03"		1,500	76,1880	76,1810		
Irradiado	724	COTA	317°30'39"		90°48'06"		1,500	75,7300	75,7230		
Irradiado	725	COTA	320°08'07"		90°47'51"		1,500	87,3020	87,2930		
Irradiado	726	COTA	317°34'23"		90°46'36"		1,500	86,7480	86,7400		
Irradiado	727	COTA	319°01'04"		90°52'41"		1,500	99,9310	99,9190		
Irradiado	728	COTA	316°50'28"		90°52'04"		1,500	99,3580	99,3470		
Irradiado	729	COTA	318°35'06"		90°52'52"		1,500	115,1420	115,1280		
Irradiado	730	COTA	316°25'51"		90°49'11"		1,500	115,1250	115,1130		
Irradiado	731	COTA	318°14'58"		90°54'01"		1,500	128,5430	128,5270		
Irradiado	732	COTA	316°25'25"		90°51'09"		1,500	128,2680	128,2540		
Irradiado	733	COTA	317°52'21"		90°52'26"		1,500	139,0470	139,0310		
Irradiado	734	COTA	316°12'17"		90°52'03"		1,500	138,4810	138,4650		
Irradiado	735	COTA	317°24'37"		90°55'51"		1,500	155,7630	155,7420		
Irradiado	736	COTA	315°43'23"		90°55'14"		1,500	156,1910	156,1710		
Irradiado	737	COTA	317°19'33"		90°55'15"		1,500	166,8490	166,8280		
Irradiado	738	COTA	317°07'29"		90°56'53"		1,500	180,2860	180,2610		
Irradiado	739	COTA	315°47'46"		90°56'57"		1,500	180,2980	180,2730		
Irradiado	740	COTA	314°34'53"		90°53'46"		1,500	175,6790	175,6580		
Irradiado	741	COTA	314°31'55"		90°54'40"		1,500	165,6910	165,6700		
Irradiado	742	COTA	314°42'50"		90°53'54"		1,500	155,2970	155,2780		
Irradiado	743	COTA	314°51'03"		90°51'17"		1,500	145,0340	145,0170		
Irradiado	744	COTA	314°57'35"		90°51'19"		1,500	133,3110	133,2960		
Irradiado	745	COTA	314°58'29"		90°48'35"		1,500	121,5110	121,4990		
Irradiado	746	COTA	314°39'04"		90°46'59"		1,500	107,9870	107,9770		
Irradiado	747	COTA	314°49'39"		90°48'02"		1,500	95,8500	95,8410		
Irradiado	748	COTA	313°48'29"		90°40'27"		1,500	82,1370	82,1310		
Irradiado	749	COTA	314°19'55"		90°44'42"		1,500	73,1820	73,1760		
Irradiado	750	COTA	311°52'23"		90°43'01"		1,500	60,6510	60,6460		
Irradiado	751	COTA	310°52'50"		90°43'41"		1,500	50,3780	50,3730		
Irradiado	752	COTA	307°13'49"		90°34'22"		1,500	39,1740	39,1720		
Irradiado	753	COTA	304°28'30"		90°44'52"		1,500	30,0470	30,0440		
Irradiado	754	COTA	291°12'12"		90°29'47"		1,500	19,0930	19,0920		
Irradiado	755	CAMPO	238°38'34"		89°41'46"		1,500	33,7380	33,7380		
Irradiado	756	CAMPO	163°08'15"		89°08'16"		1,500	69,1350	69,1270		
Irradiado	757	CAMPO	230°09'24"		89°25'31"		1,500	142,9780	142,9710		
Irradiado	758	CAMPO	202°50'32"		89°04'16"		1,500	153,5280	153,5080		
Irradiado	759	COTA	230°03'04"		89°25'22"		1,500	142,1040	142,0970		
Irradiado	760	COTA	230°08'25"		89°25'11"		1,500	133,9410	133,9340		
Irradiado	761	COTA	222°39'56"		89°18'23"		1,500	140,7710	140,7610		
Irradiado	762	COTA	221°39'48"		89°17'28"		1,500	135,9520	135,9420		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	763	COTA	213°41'05"		89°13'09"		1,500	142,2360	142,2230		
Irrradiado	764	COTA	212°35'36"		89°13'02"		1,500	138,4950	138,4820		
Irrradiado	765	COTA	206°27'16"		89°07'35"		1,500	146,9600	146,9420		
Irrradiado	766	COTA	205°30'02"		89°07'02"		1,500	140,7750	140,7590		
Irrradiado	767	COTA	202°16'02"		89°07'18"		1,500	148,1760	148,1580		
Irrradiado	768	COTA	200°46'07"		89°01'48"		1,500	140,2950	140,2750		
Irrradiado	769	COTA	198°33'17"		89°01'49"		1,500	126,0550	126,0370		
Irrradiado	770	COTA	191°17'31"		88°57'45"		1,500	104,3790	104,3620		
Irrradiado	771	COTA	205°35'07"		89°03'29"		1,500	119,5800	119,5640		
Irrradiado	772	COTA	200°03'22"		89°02'41"		1,500	92,7530	92,7400		
Irrradiado	773	COTA	213°38'52"		89°14'14"		1,500	115,3100	115,2990		
Irrradiado	774	COTA	210°49'22"		89°08'41"		1,500	85,4470	85,4370		
Irrradiado	775	COTA	222°08'31"		89°17'18"		1,500	112,4140	112,4050		
Irrradiado	776	COTA	221°27'14"		89°15'12"		1,500	81,5870	81,5800		
Irrradiado	777	COTA	230°41'54"		89°23'47"		1,500	113,3580	113,3510		
Irrradiado	778	COTA	231°57'17"		89°24'12"		1,500	81,8930	81,8880		
Irrradiado	779	COTA	233°50'48"		89°24'01"		1,500	61,9270	61,9240		
Irrradiado	780	COTA	238°22'01"		89°38'44"		1,500	38,9020	38,9020		
Irrradiado	781	COTA	219°00'57"		89°16'02"		1,500	58,9340	58,9290		
Irrradiado	782	COTA	212°05'28"		89°20'21"		1,500	38,9070	38,9050		
Irrradiado	783	COTA	204°36'59"		89°12'17"		1,500	60,1740	60,1680		
Irrradiado	784	COTA	189°55'27"		89°14'10"		1,500	45,2710	45,2670		
Irrradiado	785	COTA	185°36'01"		89°03'15"		1,500	69,0690	69,0600		
Irrradiado	786	COTA	174°14'34"		89°06'56"		1,500	61,1940	61,1870		
Irrradiado	787	COTA	176°23'46"		88°59'30"		1,500	80,7860	80,7730		
Irrradiado	788	COTA	168°12'40"		89°10'40"		1,500	70,6440	70,6370		
Irrradiado	789	BAT	139°45'08"		89°31'11"		1,500	77,1170	77,1150		
Irrradiado	790	BAT	140°05'13"		89°38'48"		1,500	74,9070	74,9060		
Irrradiado	791	BAT	141°38'03"		89°39'52"		1,500	74,5890	74,5880		
Irrradiado	792	BAT	155°49'08"		89°18'38"		1,500	72,0610	72,0560		
Irrradiado	793	BAT	152°23'58"		89°17'53"		1,500	78,6050	78,6000		
Irrradiado	794	EXT	154°06'38"		89°23'50"		1,500	76,2580	76,2540		
Irrradiado	795	EXT	168°54'32"		89°14'38"		1,500	84,8000	84,7920		
Irrradiado	796	BAT	169°38'19"		89°06'35"		1,500	80,7750	80,7650		
Irrradiado	797	BAT	169°22'30"		89°06'30"		1,500	88,9300	88,9190		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL46		0°00'00"	180°00'11"	91°49'14"	268°11'36"	1,500	25,8760	25,8630		
Irrradiado	798	BAT	181°39'38"		89°00'21"		1,500	105,8300	105,8140		
Irrradiado	799	BAT	183°50'30"		88°58'11"		1,500	100,4150	100,3990		
Irrradiado	800	EXT	182°40'20"		89°01'04"		1,500	103,0650	103,0500		
Irrradiado	801	EXT	191°45'22"		89°02'05"		1,500	125,4630	125,4450		
Irrradiado	802	BAT	190°29'55"		88°58'46"		1,500	126,7700	126,7500		
Irrradiado	803	BAT	193°17'21"		88°58'59"		1,500	122,0910	122,0720		
Irrradiado	804	BAT	198°50'20"		89°02'29"		1,500	151,8740	151,8520		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	805	BAT	197°06'35"		89°02'13"		1,500	154,4200	154,3980		
Irradiado	806	EXT	197°53'16"		89°02'36"		1,500	153,0820	153,0600		
Irradiado	807	BAT	198°30'07"		89°04'11"		1,500	166,6040	166,5820		
Irradiado	808	BAT	200°32'10"		89°04'22"		1,500	164,8560	164,8350		
Irradiado	809	BAT	198°45'30"		89°04'00"		1,500	174,3930	174,3700		
Irradiado	810	BAT	200°37'29"		89°05'38"		1,500	172,6860	172,6650		
Irradiado	811	BAT	198°46'33"		89°05'16"		1,500	184,8130	184,7890		
Irradiado	812	BAT	200°31'35"		89°05'14"		1,500	181,5720	181,5490		
Irradiado	813	BAT	201°21'06"		89°05'29"		1,500	187,7190	187,6950		
Irradiado	814	BAT	202°44'21"		89°05'37"		1,500	191,0580	191,0340		
Irradiado	815	BAT	204°40'51"		88°35'37"		4,000	192,1770	192,1190		
Irradiado	816	BAT	198°11'06"		89°03'22"		1,500	189,8350	189,8090		
Irradiado	817	BAT	197°43'15"		89°02'55"		1,500	192,3440	192,3170		
Irradiado	818	BAT	197°16'17"		88°25'47"		3,500	193,6350	193,5620		
Irradiado	819	BAT	198°00'16"		89°01'35"		1,500	204,5910	204,5620		
Irradiado	820	BAT	197°58'49"		89°01'30"		1,500	202,2080	202,1790		
Irradiado	821	BAT	197°27'02"		88°47'56"		2,500	200,9830	200,9390		
Irradiado	822	BAT	202°53'55"		89°07'18"		1,500	199,4140	199,3910		
Irradiado	823	BAT	201°24'06"		89°06'32"		1,500	202,7350	202,7110		
Irradiado	824	BAT	199°52'55"		89°03'41"		1,500	210,6580	210,6290		
Irradiado	825	BAT	198°26'51"		89°03'29"		1,500	225,8040	225,7730		
Irradiado	826	BAT	198°21'19"		89°03'33"		1,500	227,8940	227,8630		
Irradiado	827	BAT	198°47'47"		89°03'31"		1,500	232,2470	232,2160		
Irradiado	828	BAT	198°43'43"		89°03'30"		1,500	244,4660	244,4330		
Irradiado	829	BAT	198°18'14"		89°03'27"		1,500	241,2940	241,2620		
Irradiado	830	BAT	197°40'32"		89°02'45"		1,500	244,5700	244,5360		
Irradiado	831	BAT	196°25'58"		88°32'26"		3,000	240,3020	240,2250		
Irradiado	832	BAT	196°59'18"		88°30'21"		3,000	222,9740	222,8980		
Irradiado	833	EXT	200°33'54"		89°04'02"		1,500	198,3910	198,3650		
Irradiado	834	CERV	197°48'42"		89°02'29"		1,500	189,2320	189,2050		
Irradiado	835	CER	195°33'10"		88°57'59"		1,500	155,7010	155,6760		
Irradiado	836	CER	184°54'50"		88°55'21"		1,500	118,4360	118,4150		
Irradiado	837	CERD	179°09'17"		88°55'51"		1,500	108,4100	108,3910		
Irradiado	838	CERD	173°31'38"		88°51'29"		1,500	100,9740	100,9540		
Irradiado	839	CERD	166°57'39"		88°56'03"		1,500	94,7400	94,7240		
Irradiado	840	CERD	156°58'15"		89°21'41"		1,000	88,7090	88,7030		
Irradiado	841	CERD	146°04'38"		89°10'39"		1,500	85,4200	85,4110		
Irradiado	842	CER	140°28'35"		89°13'20"		1,500	85,0610	85,0530		
Irradiado	843	CER	140°48'32"		89°06'14"		1,500	132,0630	132,0470		
Irradiado	844	CER	137°18'57"		89°09'36"		1,500	132,1540	132,1400		
Irradiado	845	CA	137°05'33"		89°09'35"		1,500	128,6520	128,6380		
Irradiado	846	CA	136°40'40"		89°15'48"		1,500	118,8210	118,8110		
Irradiado	847	CER	134°27'50"		89°29'38"		1,500	78,4670	78,4640		
Irradiado	848	BAT	137°03'34"		89°11'39"		1,500	133,8090	133,7960		
Irradiado	849	BAT	137°33'23"		89°11'47"		1,500	132,4860	132,4730		
Irradiado	850	BAT	137°34'10"		89°11'39"		1,500	130,5540	130,5410		
Irradiado	851	BAT	140°29'29"		89°05'25"		1,500	133,5360	133,5190		
Irradiado	852	BAT	140°05'07"		89°05'40"		1,500	131,8640	131,8480		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D10	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	853	BAT	140°02'06"		89°08'39"		1,500	129,2470	129,2330		
Irradiado	854	EXT	139°03'23"		89°10'31"		1,500	128,4510	128,4380		
Irradiado	855	EXT	139°04'40"		89°15'50"		1,500	108,1860	108,1770		
Irradiado	856	BAT	140°30'30"		89°12'21"		1,500	107,9630	107,9530		
Irradiado	857	BAT	136°52'05"		89°16'20"		1,500	107,6340	107,6260		
Irradiado	858	BAT	139°49'45"		89°20'00"		1,500	87,2550	87,2490		
Irradiado	859	BAT	135°50'42"		89°27'03"		1,500	88,4520	88,4480		
Irradiado	860	BAT	135°27'49"		89°35'56"		1,500	78,4830	78,4820		
Irradiado	861	BAT	134°10'09"		89°47'13"		1,500	75,2310	75,2310		
Irradiado	862	BAT	131°41'34"		89°55'54"		1,500	75,3620	75,3620		
Irradiado	863	ARV	141°51'20"		89°20'29"		1,500	81,0250	81,0190		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D11	E	1,532				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL46		0°00'00"	180°00'12"	90°42'24"	269°17'45"	1,500	88,3540	88,3470		
Irradiado	864	BAT	123°07'29"		91°43'49"		1,500	10,1850	10,1810		
Irradiado	865	EXT	101°10'25"		92°01'40"		1,500	8,0040	7,9990		
Irradiado	866	BAT	72°13'13"		91°36'37"		1,500	7,8990	7,8960		
Irradiado	867	BAT	77°59'55"		92°01'15"		1,500	31,7760	31,7560		
Irradiado	868	EXT	84°12'28"		92°06'15"		1,500	32,4810	32,4590		
Irradiado	869	BAT	90°06'03"		92°04'38"		1,500	33,3040	33,2820		
Irradiado	870	BAT	84°21'46"		92°15'12"		1,500	73,0070	72,9510		
Irradiado	871	EXT	82°02'19"		92°12'30"		1,500	72,9790	72,9250		
Irradiado	872	BAT	79°25'05"		92°13'53"		1,500	72,9340	72,8790		
Irradiado	873	BAT	79°36'45"		92°24'15"		1,500	101,4710	101,3820		
Irradiado	874	BAT	83°27'32"		92°24'32"		1,500	102,0270	101,9370		
Irradiado	875	EXT	81°05'09"		92°24'08"		1,500	110,3620	110,2650		
Irradiado	876	PC	85°12'55"		92°05'44"		1,500	73,0400	72,9910		
Irradiado	877	PC	92°29'57"		91°56'04"		1,500	33,3610	33,3420		
Irradiado	878	CERD	132°46'53"		89°05'25"		1,500	12,5410	12,5400		
Irradiado	879	CERD	110°01'05"		90°47'57"		1,500	20,3540	20,3520		
Irradiado	880	CA	119°25'56"		89°26'08"		1,500	32,9800	32,9780		
Irradiado	881	CA	128°40'02"		89°20'25"		1,500	26,6970	26,6950		
Irradiado	882	CERD	100°52'48"		91°18'38"		1,500	29,4980	29,4900		
Irradiado	883	CERD	95°03'32"		91°11'48"		1,500	40,9890	40,9800		
Irradiado	884	CERD	88°40'48"		91°39'54"		1,500	66,4240	66,3960		
Irradiado	885	CED	88°34'16"		91°40'11"		1,500	67,4830	67,4540		
Irradiado	886	CED	88°14'59"		91°40'11"		1,500	74,3400	74,3090		
Irradiado	887	CERD	87°02'41"		91°55'29"		1,500	92,4360	92,3840		
Irradiado	888	CA	76°36'05"		91°51'40"		1,500	69,2890	69,2530		
Irradiado	889	CA	76°08'00"		91°56'54"		1,500	62,2700	62,2340		
Irradiado	890	CA	72°23'36"		91°47'38"		1,500	52,6010	52,5750		
Irradiado	891	CA	71°30'12"		91°50'31"		1,500	45,7620	45,7390		
Irradiado	892	CERV	74°59'26"		91°50'02"		1,500	41,6770	41,6560		
Irradiado	893	CERV	72°31'57"		91°50'18"		1,500	28,6730	28,6580		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D7	E	1,691				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL45		0°00'00"	180°00'22"	89°33'54"	270°26'19"	1,500	84,0460	84,0430		
Irradiado	894	MF	55°36'52"		94°19'20"		1,500	7,9150	7,8930		
Irradiado	895	MF	109°03'58"		94°21'03"		1,500	7,4290	7,4080		
Irradiado	896	MF	93°22'08"		92°56'47"		1,500	45,6970	45,6370		
Irradiado	897	MF	84°49'02"		92°58'17"		1,500	45,9560	45,8950		
Irradiado	898	EXP	89°23'17"		92°44'59"		1,500	47,3030	47,2480		
Irradiado	899	EXP	89°36'49"		92°38'29"		1,500	85,3060	85,2150		
Irradiado	900	MF	91°33'53"		92°41'26"		1,500	86,0460	85,9510		
Irradiado	901	MF	87°01'52"		92°48'52"		1,500	86,7300	86,6250		
Irradiado	902	MF	89°50'59"		92°17'15"		1,500	125,7580	125,6580		
Irradiado	903	MF	86°51'52"		92°21'00"		1,500	124,7830	124,6780		
Irradiado	904	EXP	88°17'03"		92°15'11"		1,500	125,6500	125,5530		
Irradiado	905	PC	90°20'44"		92°28'04"		1,000	125,7880	125,6710		
Irradiado	906	PC	92°20'03"		92°43'25"		1,500	85,7800	85,6830		
Irradiado	907	PC	93°53'20"		92°42'42"		1,500	45,6420	45,5910		
Irradiado	908	PC	116°17'17"		94°25'25"		1,500	6,1510	6,1330		
Irradiado	909	BAT	220°17'28"		89°41'06"		1,500	3,3250	3,3250		
Irradiado	910	BAT	118°10'25"		94°12'42"		1,500	5,6030	5,5880		
Irradiado	911	BAT	191°45'27"		86°01'04"		1,500	18,2090	18,1650		
Irradiado	912	BAT	173°27'37"		86°39'14"		1,500	18,5840	18,5520		
Irradiado	913	EXT	183°50'07"		86°20'10"		1,500	18,3180	18,2800		
Irradiado	914	EXT	185°20'11"		87°22'19"		1,500	42,4390	42,3950		
Irradiado	915	BAT	189°24'51"		87°06'59"		1,500	42,2890	42,2360		
Irradiado	916	BAT	181°49'59"		87°25'38"		1,500	42,9850	42,9420		
Irradiado	917	BAT	189°03'31"		87°10'58"		1,500	62,0830	62,0080		
Irradiado	918	BAT	183°38'38"		87°11'35"		1,500	62,8270	62,7520		
Irradiado	919	EXT	186°00'40"		87°11'08"		1,500	62,3640	62,2890		
Irradiado	920	EXT	186°03'22"		87°27'19"		1,500	84,2560	84,1730		
Irradiado	921	BAT	190°35'11"		87°16'31"		1,500	79,4000	79,3110		
Irradiado	922	BAT	189°10'50"		87°25'05"		1,500	79,2150	79,1350		
Irradiado	923	BAT	188°30'20"		87°18'27"		1,500	76,7050	76,6210		
Irradiado	924	BAT	183°25'27"		87°33'37"		1,500	78,8300	78,7590		
Irradiado	925	BAT	184°22'46"		87°32'11"		1,500	78,1890	78,1170		
Irradiado	926	BAT	184°34'43"		87°27'58"		1,500	76,7060	76,6310		
Irradiado	927	CER	189°50'30"		87°15'11"		1,500	72,6580	72,5750		
Irradiado	928	CA	183°14'10"		87°29'45"		1,500	72,9970	72,9280		
Irradiado	929	CED	183°06'05"		87°24'29"		1,500	69,0660	68,9950		
Irradiado	930	CER	191°09'39"		87°07'23"		1,500	43,0590	43,0050		
Irradiado	931	CERV	177°31'51"		87°22'09"		1,500	30,9400	30,9070		
Irradiado	932	CER	203°57'43"		83°42'29"		1,500	8,8120	8,7590		
Irradiado	933	CA	252°46'09"		86°25'23"		1,500	29,6290	29,5710		
Irradiado	934	CA	240°38'19"		86°03'46"		1,500	20,5510	20,5020		
Irradiado	935	CED	285°01'55"		87°01'39"		1,500	39,6400	39,5870		
Irradiado	936	CERD	288°18'38"		87°08'53"		1,500	33,4730	33,4320		
Irradiado	937	CED	289°12'18"		86°57'28"		1,500	31,7590	31,7140		
Irradiado	938	CED	294°18'11"		86°12'05"		1,500	25,3370	25,2810		
Irradiado	939	CED	305°48'16"		86°58'41"		1,500	17,9750	17,9500		
Irradiado	940	CED	323°50'02"		87°11'14"		1,500	13,0190	13,0040		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D7	E	1,691				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	941	CER	332°27'55"		87°31'57"		1,500	12,1610	12,1500		
Irrradiado	942	BAT	336°36'43"		87°48'28"		1,500	11,5280	11,5200		
Irrradiado	943	BAT	25°53'57"		90°35'49"		1,500	15,5800	15,5790		
Irrradiado	944	BAT	355°06'11"		89°08'28"		1,500	34,5040	34,5000		
Irrradiado	945	BAT	12°07'13"		90°21'45"		1,500	35,1800	35,1790		
Irrradiado	946	EXT	4°47'17"		89°50'09"		1,500	35,0700	35,0700		
Irrradiado	947	EXT	3°29'08"		89°44'15"		1,500	66,1160	66,1150		
Irrradiado	948	BAT	359°22'52"		89°33'45"		1,500	66,3880	66,3860		
Irrradiado	949	BAT	8°06'56"		89°53'37"		1,500	67,8940	67,8940		
Irrradiado	950	CER	357°24'50"		89°24'58"		1,500	53,6900	53,6870		
Irrradiado	951	CED	8°52'35"		89°59'35"		1,500	77,5650	77,5650		
Irrradiado	952	CERD	11°23'48"		89°59'12"		1,500	48,8660	48,8660		
Irrradiado	953	CER	41°11'03"		90°35'42"		1,500	10,9060	10,9060		
Irrradiado	954	CED	61°45'51"		91°41'40"		1,500	16,8660	16,8580		
Irrradiado	955	CED	69°36'32"		91°46'53"		1,500	22,7730	22,7620		
Irrradiado	956	CERV	71°56'54"		91°51'32"		1,500	25,5990	25,5850		
Irrradiado	957	CA	69°51'36"		91°54'40"		1,500	27,3310	27,3160		
Irrradiado	958	CA	74°04'23"		92°02'25"		1,500	34,0150	33,9930		
Irrradiado	959	CERV	79°47'40"		92°17'05"		1,500	43,5810	43,5470		
Irrradiado	960	CED	80°46'16"		92°20'14"		1,500	46,2610	46,2230		
Irrradiado	961	CED	81°59'29"		92°28'48"		1,500	53,1020	53,0520		
Irrradiado	962	CERD	82°28'03"		92°28'07"		1,500	57,8510	57,7970		
Irrradiado	963	CED	82°52'19"		92°22'37"		1,500	60,0920	60,0400		
Irrradiado	964	CED	83°48'43"		92°31'42"		1,500	67,7940	67,7280		
Irrradiado	965	CERV	84°21'11"		92°31'47"		1,500	71,2960	71,2270		
Irrradiado	966	CA	84°24'18"		92°28'28"		1,500	72,2390	72,1720		
Irrradiado	967	CA	84°43'59"		92°31'10"		1,500	80,3020	80,2240		
Irrradiado	968	CERV	84°45'54"		92°35'39"		1,500	82,7860	82,7010		
Irrradiado	969	CED	84°51'33"		92°30'06"		1,500	84,5620	84,4810		
Irrradiado	970	CED	84°48'59"		92°32'37"		1,500	90,7240	90,6340		
Irrradiado	971	CERD	85°00'03"		92°32'50"		1,500	93,0360	92,9440		
Irrradiado	972	CED	85°10'55"		92°32'42"		1,500	101,7350	101,6350		
Irrradiado	973	CED	85°09'42"		92°23'02"		1,500	108,7470	108,6530		
Irrradiado	974	CA	91°39'50"		92°35'46"		0,100	122,2860	122,1600		
Irrradiado	975	CED	92°03'35"		92°41'01"		0,100	115,3270	115,2000		
Irrradiado	976	CERV	92°48'08"		90°28'25"		4,500	110,2640	110,2610		
Irrradiado	977	CERV	98°22'23"		90°52'41"		2,600	61,6530	61,6460		
Irrradiado	978	MCER	102°58'06"		90°07'04"		2,600	45,7000	45,7000		
Irrradiado	979	MU	97°36'28"		91°36'46"		1,500	45,3360	45,3180		
Irrradiado	980	CA	103°24'59"		89°58'00"		2,000	44,0920	44,0920		
Irrradiado	981	CA	106°29'48"		89°40'20"		2,000	36,6300	36,6300		
Irrradiado	982	MUV	103°38'50"		91°00'08"		1,500	23,6080	23,6040		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL44		0°00'00"	180°00'16"	93°45'50"	266°13'07"	1,500	35,0690	34,9940		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	983	BAT	284°04'15"		83°52'43"		1,500	4,7640	4,7370		
Irradiado	984	BAT	36°08'50"		96°52'42"		1,500	5,0160	4,9800		
Irradiado	985	EXT	342°46'23"		86°54'37"		1,500	3,0690	3,0650		
Irradiado	986	EXT	173°17'40"		95°25'45"		1,500	11,9260	11,8730		
Irradiado	987	BAT	154°42'05"		97°24'59"		1,500	13,2800	13,1690		
Irradiado	988	BAT	185°51'01"		93°45'26"		1,500	13,7410	13,7120		
Irradiado	989	BAT	173°07'18"		93°40'46"		1,500	34,9620	34,8900		
Irradiado	990	BAT	162°28'16"		93°43'27"		1,500	35,5250	35,4500		
Irradiado	991	EXT	167°41'04"		93°32'40"		1,500	36,9980	36,9270		
Irradiado	992	BAT	163°21'35"		91°05'19"		1,500	50,4860	50,4760		
Irradiado	993	BAT	170°33'07"		91°36'20"		1,000	50,0530	50,0330		
Irradiado	994	EXT	167°55'27"		91°15'58"		1,000	49,9530	49,9400		
Irradiado	995	CERV	153°38'44"		96°58'02"		1,000	24,9320	24,7480		
Irradiado	996	CER	181°05'25"		94°32'18"		1,000	20,6330	20,5680		
Irradiado	997	CERD	194°36'01"		92°44'16"		1,500	21,8910	21,8660		
Irradiado	998	CED	204°38'28"		90°51'57"		1,500	15,7980	15,7960		
Irradiado	999	CA	214°49'32"		88°31'36"		1,500	13,1330	13,1290		
Irradiado	1000	CERV	204°46'11"		89°35'09"		1,500	9,4130	9,4130		
Irradiado	1001	CED	257°30'59"		81°28'34"		1,500	7,0430	6,9650		
Irradiado	1002	CED	298°34'28"		81°10'36"		1,500	9,8100	9,6940		
Irradiado	1003	CER	20°07'11"		93°32'26"		1,500	11,3560	11,3350		
Irradiado	1004	CED	30°12'29"		94°10'05"		1,500	12,7590	12,7260		
Irradiado	1005	CA	58°18'16"		98°11'32"		1,500	9,3050	9,2100		
Auxiliar	D6.1	A	162°34'00"	342°34'13"	90°05'10"	269°54'46"	1,500	65,5160	65,5160		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6.1	E	1,575				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D6		0°00'00"	180°00'19"	90°00'43"	269°59'29"	1,500	65,5620	65,5620		
Irradiado	1006	MF	306°02'52"		92°04'54"		1,500	9,1870	9,1810		
Irradiado	1007	MF	294°21'59"		91°32'52"		1,500	9,1060	9,1030		
Irradiado	1008	MF	288°02'27"		90°55'42"		1,500	10,4930	10,4920		
Irradiado	1009	MF	234°19'24"		88°31'59"		1,500	9,9460	9,9430		
Irradiado	1010	MF	241°52'46"		89°19'14"		1,500	9,7870	9,7870		
Irradiado	1011	MF	250°19'04"		89°40'24"		1,500	10,8910	10,8910		
Irradiado	1012	MF	263°24'02"		89°29'43"		1,500	29,8200	29,8190		
Irradiado	1013	EXP	270°58'54"		89°18'18"		1,500	29,6950	29,6930		
Irradiado	1014	MF	276°42'59"		89°41'11"		1,500	29,7720	29,7720		
Irradiado	1015	CA	262°34'45"		88°55'55"		1,500	32,7330	32,7270		
Irradiado	1016	CA	259°29'48"		88°30'32"		1,500	23,3920	23,3840		
Irradiado	1017	MED	253°37'54"		85°23'13"		2,500	23,8990	23,8210		
Irradiado	1018	MED	252°14'15"		85°36'38"		2,500	22,2360	22,1710		
Irradiado	1019	CA	248°39'23"		84°29'52"		2,500	18,7360	18,6490		
Irradiado	1020	CA	240°04'33"		85°58'16"		1,500	19,9690	19,9190		
Irradiado	1021	CA	226°15'04"		83°53'52"		1,500	14,7260	14,6420		
Irradiado	1022	CED	206°55'00"		85°52'09"		1,500	23,3450	23,2840		
Irradiado	1023	CERV	195°42'15"		86°04'37"		1,500	43,5030	43,4010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6.1	E	1,575				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	1024	CA	195°20'46"		85°45'08"		1,500	46,4830	46,3560		
Irrradiado	1025	CED	193°47'17"		85°15'54"		2,000	52,1360	51,9580		
Irrradiado	1026	MCER	184°02'33"		86°16'49"		1,500	52,6320	52,5210		
Irrradiado	1027	CER	182°26'13"		87°05'10"		1,500	7,5630	7,5530		
Irrradiado	1028	MF	171°02'20"		92°07'08"		1,500	3,9670	3,9640		
Irrradiado	1029	MF	187°25'15"		90°15'41"		1,500	4,6670	4,6670		
Irrradiado	1030	MF	191°32'36"		88°23'43"		1,500	6,0620	6,0600		
Irrradiado	1031	EXP	267°39'09"		90°08'16"		1,500	4,2250	4,2250		
Irrradiado	1032	EXP	193°14'13"		85°49'27"		1,500	25,4140	25,3460		
Irrradiado	1033	MF	200°28'09"		86°17'06"		1,500	26,1330	26,0780		
Irrradiado	1034	MF	184°55'39"		86°05'27"		1,500	25,0730	25,0150		
Irrradiado	1035	MF	184°07'52"		86°16'30"		1,500	47,2080	47,1090		
Irrradiado	1036	MF	192°45'53"		86°14'03"		1,500	46,8600	46,7590		
Irrradiado	1037	EXP	188°14'26"		86°03'52"		1,500	46,3210	46,2120		
Irrradiado	1038	EXP	188°32'37"		86°35'17"		1,500	77,0770	76,9410		
Irrradiado	1039	MF	185°50'20"		86°44'55"		1,500	77,4890	77,3650		
Irrradiado	1040	MF	190°56'30"		86°38'16"		1,500	78,9550	78,8200		
Irrradiado	1041	MF	190°51'36"		86°45'33"		1,500	94,1540	94,0030		
Irrradiado	1042	MF	186°39'35"		86°53'10"		1,500	93,7270	93,5890		
Irrradiado	1043	EXP	188°38'41"		86°43'58"		1,500	92,9800	92,8290		
Irrradiado	1044	MF	191°00'53"		86°32'41"		1,500	70,1840	70,0570		
Irrradiado	1045	MF	185°19'02"		86°37'56"		1,500	69,6590	69,5390		
Irrradiado	1046	MF	184°22'18"		86°33'46"		1,500	58,1450	58,0400		
Irrradiado	1047	MF	191°16'07"		86°20'28"		1,500	57,4540	57,3370		
Irrradiado	1048	CED	278°40'03"		89°27'41"		1,500	46,9110	46,9090		
Irrradiado	1049	CED	278°55'57"		89°20'41"		1,500	44,7400	44,7380		
Irrradiado	1050	CED	280°33'27"		90°36'14"		1,000	38,2520	38,2500		
Irrradiado	1051	CERD	281°31'52"		84°28'30"		4,600	34,1390	33,9800		
Irrradiado	1052	CED	282°21'26"		84°14'04"		4,600	32,5400	32,3750		
Irrradiado	1053	MED	284°31'59"		90°48'27"		1,000	26,5460	26,5430		
Irrradiado	1054	MED	288°03'13"		91°19'16"		1,000	21,0390	21,0330		
Irrradiado	1055	CED	300°47'59"		90°39'08"		1,500	12,7370	12,7370		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6.1	E	1,590				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D6		359°59'59"	179°59'55"	89°58'49"	270°00'59"	1,500	65,5600	65,5600		
Irrradiado	1056	MF	354°01'56"		92°50'51"		1,500	5,7670	5,7600		
Irrradiado	1057	MF	358°40'16"		93°46'27"		1,500	4,0490	4,0400		
Irrradiado	1058	MF	26°14'43"		94°15'22"		1,500	3,5210	3,5110		
Irrradiado	1059	EXP	91°03'18"		91°00'45"		1,500	17,4080	17,4050		
Irrradiado	1060	MF	101°23'12"		91°31'29"		1,500	21,1530	21,1450		
Irrradiado	1061	MF	82°42'32"		91°21'30"		1,500	21,0900	21,0840		
Irrradiado	1062	MF	88°30'13"		91°21'19"		1,500	46,1070	46,0950		
Irrradiado	1063	EXP	92°16'54"		91°11'00"		1,500	46,8120	46,8020		
Irrradiado	1064	MF	96°47'40"		91°25'37"		1,500	47,6440	47,6290		
Irrradiado	1065	MF	96°17'24"		91°30'34"		1,500	68,3570	68,3330		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D6.1	E	1,590				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1066	EXP	93°33'07"		91°25'57"		1,500	69,5280	69,5060		
Irradiado	1067	MF	90°44'37"		91°39'24"		1,500	69,8630	69,8340		
Irradiado	1068	MF	92°33'50"		91°39'09"		1,500	91,7670	91,7290		
Irradiado	1069	EXP	94°25'01"		91°29'56"		1,500	91,5680	91,5370		
Irradiado	1070	MF	96°47'09"		91°33'41"		1,500	91,3270	91,2930		
Irradiado	1071	ARV	96°31'26"		91°15'16"		1,500	67,2580	67,2420		
Irradiado	1072	PC	98°45'10"		91°07'04"		1,500	47,3790	47,3700		
Irradiado	1073	PC	128°52'32"		89°20'57"		1,500	8,7630	8,7630		
Irradiado	1074	MED	126°26'20"		89°07'30"		1,500	12,4320	12,4310		
Irradiado	1075	MED	119°06'20"		89°30'44"		1,500	15,0680	15,0670		
Irradiado	1076	CED	109°11'02"		89°36'43"		1,500	22,6270	22,6260		
Irradiado	1077	CED	106°56'40"		89°53'49"		1,500	26,9690	26,9690		
Irradiado	1078	CA	105°40'35"		90°05'51"		1,500	33,5470	33,5470		
Irradiado	1079	CERV	103°05'00"		86°15'57"		4,000	35,0880	35,0140		
Irradiado	1080	CED	101°38'22"		86°18'04"		4,000	35,8260	35,7520		
Irradiado	1081	MED	100°54'14"		87°04'14"		4,000	41,3980	41,3440		
Irradiado	1082	MED	100°44'58"		87°19'06"		4,000	43,2540	43,2070		
Irradiado	1083	CA	100°21'37"		88°24'23"		4,000	47,9260	47,9070		
Irradiado	1084	CA	100°32'58"		90°53'07"		1,500	50,7190	50,7130		
Irradiado	1085	CA	100°08'28"		90°58'53"		1,500	57,6220	57,6130		
Irradiado	1086	CA	99°32'51"		90°41'40"		1,500	60,6370	60,6320		
Irradiado	1087	CA	99°10'33"		90°39'21"		1,500	66,6280	66,6240		
Irradiado	1088	CA	99°04'54"		90°51'49"		1,500	68,6770	68,6690		
Irradiado	1089	CA	98°47'18"		91°01'43"		1,500	74,8510	74,8390		
Irradiado	1090	CA	86°31'24"		91°09'08"		1,500	60,8050	60,7930		
Irradiado	1091	MED	86°04'21"		91°15'04"		1,500	57,1500	57,1360		
Irradiado	1092	MED	84°36'48"		91°01'44"		1,500	48,5330	48,5250		
Irradiado	1093	MED	82°54'35"		90°59'48"		1,500	41,1250	41,1190		
Irradiado	1094	MED	82°29'25"		91°08'00"		1,500	39,6860	39,6780		
Irradiado	1095	CA	80°41'16"		91°24'04"		1,500	34,5630	34,5530		
Irradiado	1096	CA	80°34'59"		91°24'02"		1,500	33,4330	33,4230		
Irradiado	1097	CED	78°11'52"		91°25'14"		1,500	28,1350	28,1260		
Irradiado	1098	CED	76°33'27"		91°27'04"		1,500	25,3210	25,3130		
Irradiado	1099	CA	67°07'39"		91°26'21"		1,500	16,0810	16,0750		
Irradiado	1100	CERV	64°34'21"		92°00'09"		1,500	15,5460	15,5360		
Irradiado	1101	CED	58°03'28"		91°06'29"		1,500	12,2070	12,2050		
Irradiado	1102	CED	33°18'30"		91°07'47"		1,500	8,0410	8,0400		
Irradiado	1103	CER	12°09'17"		93°00'38"		1,500	7,9010	7,8900		
Irradiado	1104	CA	86°26'30"		91°29'28"		1,500	62,8470	62,8260		
Irradiado	1105	CA	87°24'48"		91°29'36"		1,500	71,2160	71,1920		
Irradiado	1106	CA	88°44'10"		91°27'28"		1,500	74,6020	74,5780		
Irradiado	1107	CA	89°16'56"		91°25'13"		1,500	79,8980	79,8730		
Irradiado	1108	CA	89°23'33"		91°25'11"		1,500	81,1520	81,1270		
Irradiado	1109	CA	89°48'08"		91°35'42"		1,500	85,5580	85,5240		
Irradiado	1110	CA	90°32'40"		91°33'21"		1,500	86,3920	86,3600		
Irradiado	1111	CA	91°38'54"		91°31'30"		1,500	95,4960	95,4620		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D2	E	1,577				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL41		0°00'01"	180°00'10"	93°30'13"	266°29'59"	1,500	141,2250	140,9610		
Irradiado	1112	EXP	172°53'48"		88°38'37"		1,500	63,9130	63,8950		
Irradiado	1113	MF	170°00'02"		88°42'28"		1,500	63,9280	63,9120		
Irradiado	1114	MF	176°18'15"		88°54'34"		1,500	63,5750	63,5640		
Irradiado	1115	MF	177°11'06"		88°57'56"		1,500	38,6680	38,6620		
Irradiado	1116	EXP	172°07'49"		88°27'15"		1,500	38,2810	38,2670		
Irradiado	1117	MF	166°57'10"		88°39'04"		1,500	38,4660	38,4560		
Irradiado	1118	MF	154°43'22"		89°15'09"		1,500	15,8330	15,8310		
Irradiado	1119	EXP	166°36'01"		88°35'37"		1,500	14,4220	14,4180		
Irradiado	1120	MF	180°54'12"		89°44'53"		1,500	14,2280	14,2280		
Irradiado	1121	MF	123°02'39"		90°15'30"		1,500	7,0490	7,0490		
Irradiado	1122	MF	109°10'02"		89°40'13"		1,500	6,9700	6,9700		
Irradiado	1123	MF	98°34'26"		88°27'36"		1,500	8,3720	8,3690		
Irradiado	1124	MF	50°33'36"		89°25'26"		1,500	9,3010	9,3010		
Irradiado	1125	MF	41°12'18"		90°14'15"		1,500	8,7220	8,7220		
Irradiado	1126	MF	32°09'29"		90°58'43"		1,500	9,2480	9,2470		
Irradiado	1127	MF	346°31'04"		91°56'50"		1,500	9,7860	9,7810		
Irradiado	1128	MF	344°05'38"		92°00'51"		1,500	8,7990	8,7940		
Irradiado	1129	MF	335°38'42"		92°19'41"		1,500	8,0430	8,0370		
Irradiado	1130	MF	220°07'08"		95°52'53"		1,500	2,0840	2,0730		
Irradiado	1131	MF	252°56'06"		96°14'55"		1,500	1,9360	1,9250		
Irradiado	1132	MF	269°53'56"		95°14'11"		1,500	2,7670	2,7560		
Irradiado	1133	MF	351°09'13"		91°38'59"		1,500	18,9780	18,9700		
Irradiado	1134	MF	11°38'52"		91°20'29"		1,500	19,9280	19,9220		
Irradiado	1135	BAT	268°16'16"		93°32'10"		1,500	16,3310	16,2990		
Irradiado	1136	BAT	290°05'09"		93°44'54"		1,500	18,0970	18,0580		
Irradiado	1137	EXT	281°00'29"		94°08'30"		1,500	16,7020	16,6580		
Irradiado	1138	EXP	45°09'43"		89°50'59"		1,500	2,1640	2,1640		
Irradiado	1139	PC	28°35'37"		88°47'11"		1,500	13,2760	13,2730		
Irradiado	1140	PC	105°36'18"		88°37'02"		1,500	8,2750	8,2730		
Irradiado	1141	EXP	78°24'11"		86°04'08"		1,500	27,6080	27,5430		
Irradiado	1142	MF	71°14'33"		86°34'26"		1,500	27,1440	27,0950		
Irradiado	1143	MF	86°21'54"		86°02'51"		1,500	25,8540	25,7920		
Irradiado	1144	PC	170°07'45"		88°36'54"		1,500	82,7860	82,7610		
Irradiado	1145	MF	76°04'18"		86°28'55"		1,500	55,5800	55,4750		
Irradiado	1146	MF	83°15'18"		86°23'55"		1,500	54,4950	54,3870		
Irradiado	1147	EXP	79°14'37"		86°15'58"		1,500	54,2530	54,1380		
Irradiado	1148	PC	165°11'01"		87°58'35"		1,500	43,4040	43,3770		
Irradiado	1149	EXP	79°53'52"		87°03'21"		1,500	81,4200	81,3120		
Irradiado	1150	MF	82°09'10"		87°09'16"		1,500	81,2210	81,1200		
Irradiado	1151	MF	77°18'46"		87°51'20"		0,500	81,9970	81,9390		
Irradiado	1152	MF	77°43'54"		87°51'24"		1,500	103,0500	102,9780		
Irradiado	1153	MF	81°37'32"		87°43'31"		1,500	102,1790	102,0990		
Irradiado	1154	EXP	79°33'57"		87°39'40"		1,500	101,1370	101,0530		
Irradiado	1155	EXP	79°31'53"		87°40'03"		2,500	115,5310	115,4350		
Irradiado	1156	MF	77°55'34"		87°50'29"		2,500	115,9310	115,8480		
Irradiado	1157	MF	81°23'59"		87°42'45"		2,500	115,7980	115,7050		
Irradiado	1158	PC	82°38'18"		87°07'47"		1,500	84,9520	84,8450		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D2	E	1,577				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1159	ARV	83°29'06"		86°32'51"		1,500	65,3150	65,1970		
Irradiado	1160	ARV	84°00'06"		86°14'52"		1,500	57,3710	57,2480		
Irradiado	1161	PC	84°37'33"		86°06'35"		1,500	50,1640	50,0480		
Irradiado	1162	ARV	85°16'34"		85°54'52"		1,500	42,0060	41,9000		
Irradiado	1163	CA	108°51'24"		86°54'34"		1,500	11,2820	11,2660		
Irradiado	1164	CA	132°34'34"		87°15'23"		1,500	15,5680	15,5500		
Irradiado	1165	CA	135°32'23"		86°44'06"		1,500	16,2540	16,2270		
Irradiado	1166	CA	143°53'30"		87°00'38"		1,500	19,6290	19,6020		
Irradiado	1167	CA	148°22'52"		87°01'50"		1,500	24,6010	24,5680		
Irradiado	1168	CA	153°00'49"		87°40'45"		1,000	27,5590	27,5360		
Irradiado	1169	CA	154°10'49"		87°03'18"		1,500	27,3160	27,2800		
Irradiado	1170	CA	159°45'17"		87°57'51"		1,500	35,4180	35,3960		
Irradiado	1171	CERV	160°54'16"		87°55'33"		1,500	37,2720	37,2480		
Irradiado	1172	CED	161°40'55"		87°55'48"		1,500	38,9570	38,9320		
Irradiado	1173	CED	165°10'54"		86°28'26"		3,000	50,8170	50,7200		
Irradiado	1174	CERV	165°30'47"		87°33'22"		1,500	52,8860	52,8380		
Irradiado	1175	IGRE	166°11'51"		87°28'04"		1,500	55,0750	55,0210		
Irradiado	1176	IGRE	166°56'39"		87°40'35"		1,500	59,9170	59,8680		
Irradiado	1177	MUV	167°28'56"		88°07'54"		1,500	64,9990	64,9640		
Irradiado	1178	CA	167°43'52"		87°37'27"		1,500	68,3230	68,2640		
Irradiado	1179	CA	168°14'24"		87°51'13"		1,500	78,2680	78,2140		
Irradiado	1180	CA	168°11'39"		88°23'01"		1,500	83,5150	83,4810		
Irradiado	1181	CA	168°32'13"		87°51'28"		2,500	88,9880	88,9260		
Irradiado	1182	CA	178°11'44"		88°57'52"		1,500	60,0480	60,0380		
Irradiado	1183	CA	178°21'32"		88°41'13"		1,500	54,6740	54,6590		
Irradiado	1184	CA	179°45'37"		89°06'17"		1,500	52,0970	52,0900		
Irradiado	1185	CED	180°37'51"		88°57'42"		1,500	43,2190	43,2120		
Irradiado	1186	CERV	181°02'20"		89°07'42"		1,500	39,3760	39,3720		
Irradiado	1187	CA	182°17'18"		88°58'21"		1,500	38,7710	38,7650		
Irradiado	1188	CA	182°41'42"		88°58'27"		1,500	33,8900	33,8850		
Irradiado	1189	CA	185°46'04"		89°10'57"		1,500	32,4350	32,4320		
Irradiado	1190	CA	188°05'14"		89°10'22"		1,500	24,1380	24,1350		
Irradiado	1191	CA	194°37'12"		90°24'04"		1,500	19,0340	19,0330		
Irradiado	1192	CA	212°51'44"		91°52'16"		1,500	8,9300	8,9260		
Irradiado	1193	CER	309°35'13"		93°22'17"		1,500	13,4960	13,4730		
Irradiado	1194	CED	318°44'51"		92°25'19"		1,500	16,0040	15,9890		
Irradiado	1195	CA	339°21'09"		91°29'15"		1,500	14,2670	14,2630		
Irradiado	1196	CA	342°23'44"		91°22'14"		1,500	20,6090	20,6030		
Irradiado	1197	CA	345°53'40"		91°29'22"		1,500	24,2450	24,2370		
Irradiado	1198	CA	347°49'41"		91°32'20"		1,500	30,6200	30,6090		
Irradiado	1199	CED	18°37'59"		88°17'55"		1,500	22,8170	22,8070		
Irradiado	1200	CED	37°16'01"		86°50'22"		1,500	13,5270	13,5070		
Irradiado	1201	CER	48°05'55"		87°03'45"		1,500	11,4870	11,4720		
Irradiado	1202	CER	70°19'27"		86°05'38"		1,500	32,6870	32,6110		
Irradiado	1203	MCER	74°28'01"		86°10'04"		1,500	54,2760	54,1540		
Irradiado	1204	MED	75°03'04"		86°21'28"		1,500	60,0640	59,9430		
Irradiado	1205	MED	75°21'56"		87°17'19"		1,000	66,9980	66,9230		
Irradiado	1206	MUD	75°20'37"		87°21'50"		1,000	68,5730	68,5010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D2	E	1,577				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	1207	MED	75°23'07"		87°21'49"		1,000	69,6100	69,5360		
Irrradiado	1208	MED	75°45'06"		87°17'54"		1,000	78,6860	78,5990		
Irrradiado	1209	MUD	75°49'08"		87°16'22"		1,500	80,3640	80,2730		
Irrradiado	1210	MED	75°57'27"		87°22'00"		1,500	83,4780	83,3890		
Irrradiado	1211	MED	76°10'18"		87°32'43"		1,500	91,9370	91,8520		
Irrradiado	1212	MED	76°17'30"		87°37'21"		1,500	95,7360	95,6540		
Irrradiado	1213	CA	76°32'13"		87°50'14"		1,500	103,1180	103,0450		
Irrradiado	1214	CA	76°31'57"		87°51'51"		1,500	104,8960	104,8230		
Irrradiado	1215	CA	82°24'37"		87°44'44"		1,500	113,3950	113,3070		
Irrradiado	1216	MED	82°48'07"		87°14'49"		2,000	103,4510	103,3320		
Irrradiado	1217	MED	83°57'41"		86°41'54"		1,500	79,1310	79,0000		
Irrradiado	1218	CA	84°54'05"		86°26'59"		1,500	69,5670	69,4340		
Irrradiado	1219	MUV	85°06'39"		86°33'34"		1,500	67,6810	67,5590		
Irrradiado	1220	MED	85°10'34"		85°59'17"		2,000	66,0390	65,8770		
Irrradiado	1221	CA	85°49'27"		86°10'09"		1,500	59,8270	59,6930		
Irrradiado	1222	CA	85°49'28"		85°56'36"		1,500	57,9970	57,8520		
Irrradiado	1223	CA	86°23'21"		85°32'39"		1,500	50,6050	50,4520		
Irrradiado	1224	CA	86°36'20"		85°59'54"		1,500	48,9920	48,8720		
Irrradiado	1225	CA	87°41'12"		85°49'55"		1,500	41,6400	41,5300		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL1	E	1,508				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL40		0°00'01"	180°00'10"	87°11'39"	272°47'53"	1,500	74,2510	74,1620		
Auxiliar	D13	A	45°40'21"	225°40'26"	89°11'32"	270°48'37"	1,500	139,3150	139,3020		
Auxiliar	D14	A	357°55'50"	177°55'33"	86°58'50"	273°01'16"	1,500	204,4380	204,1550		
Irrradiado	1226	MF	180°00'28"		91°47'02"		1,500	29,7220	29,7080		
Irrradiado	1227	MF	172°14'59"		92°33'41"		1,500	16,1350	16,1180		
Irrradiado	1228	MF	142°28'42"		92°03'10"		1,500	21,6660	21,6520		
Irrradiado	1229	MF	144°16'33"		92°14'27"		1,500	20,4550	20,4390		
Irrradiado	1230	MF	143°38'32"		92°08'08"		1,500	19,5570	19,5430		
Irrradiado	1231	EXP	155°24'57"		92°10'20"		1,500	17,2150	17,2020		
Irrradiado	1232	EXP	31°18'52"		89°19'45"		1,500	10,5070	10,5070		
Irrradiado	1233	MF	9°15'52"		90°17'09"		1,500	8,7220	8,7220		
Irrradiado	1234	MF	44°06'36"		90°05'27"		1,500	14,5170	14,5170		
Irrradiado	1235	MF	12°51'21"		88°33'23"		1,500	37,6360	37,6240		
Irrradiado	1236	MF	9°43'34"		88°22'25"		1,500	44,5370	44,5200		
Irrradiado	1237	EXP	3°54'15"		88°05'44"		1,500	43,4090	43,3850		
Irrradiado	1238	MF	358°17'36"		88°19'38"		1,500	42,3080	42,2900		
Irrradiado	1239	MF	357°04'15"		88°01'25"		1,500	52,0900	52,0590		
Irrradiado	1240	MF	356°09'38"		87°57'33"		1,500	53,6730	53,6390		
Irrradiado	1241	MF	355°26'17"		87°47'00"		1,500	53,8270	53,7860		
Irrradiado	1242	MF	353°10'08"		87°32'59"		1,500	54,3950	54,3450		
Irrradiado	1243	MF	350°51'48"		87°18'28"		1,500	53,8230	53,7630		
Irrradiado	1244	EXP	0°03'07"		87°36'05"		1,500	67,0800	67,0210		
Irrradiado	1245	MF	3°05'46"		87°23'31"		1,500	74,0650	73,9890		
Irrradiado	1246	MF	3°17'02"		87°21'56"		1,500	74,6030	74,5250		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL1	E	1,508				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1247	MF	2°15'56"		87°22'06"		1,500	85,5780	85,4870		
Irradiado	1248	MF	356°52'14"		87°28'48"		1,500	73,1440	73,0740		
Irradiado	1249	MF	359°56'51"		87°20'54"		1,500	73,2390	73,1610		
Irradiado	1250	MF	359°20'08"		87°10'55"		1,500	95,2530	95,1380		
Irradiado	1251	MF	356°51'11"		87°19'19"		1,500	95,0400	94,9360		
Irradiado	1252	MF	1°40'35"		87°17'58"		1,500	96,3150	96,2080		
Irradiado	1253	MF	358°41'36"		86°58'09"		1,500	123,6240	123,4510		
Irradiado	1254	MF	0°33'33"		87°03'41"		1,500	123,9140	123,7510		
Irradiado	1255	MF	356°52'05"		87°19'09"		1,000	124,1390	124,0030		
Irradiado	1256	MF	358°25'24"		86°57'10"		1,500	146,8460	146,6380		
Irradiado	1257	MF	359°56'56"		86°59'14"		1,500	146,8590	146,6560		
Irradiado	1258	MF	356°53'09"		86°59'19"		1,500	146,6170	146,4140		
Irradiado	1259	MF	358°12'34"		86°58'44"		1,500	163,4570	163,2300		
Irradiado	1260	MF	356°56'10"		87°10'21"		1,000	162,2650	162,0670		
Irradiado	1261	MF	359°38'52"		87°01'56"		1,500	163,5690	163,3500		
Irradiado	1262	EXP	358°53'56"		87°01'49"		1,500	163,3570	163,1380		
Irradiado	1263	EXP	357°33'51"		86°57'55"		1,500	145,1100	144,9060		
Irradiado	1264	EXP	357°28'50"		86°57'51"		1,500	163,4380	163,2090		
Irradiado	1265	EXP	357°45'22"		87°00'27"		1,500	122,3060	122,1390		
Irradiado	1266	EXP	359°44'21"		87°00'44"		1,500	122,1100	121,9440		
Irradiado	1267	EXP	358°02'08"		87°18'10"		1,500	93,1320	93,0290		
Irradiado	1268	EXP	0°34'15"		87°14'10"		1,500	93,3530	93,2440		
Irradiado	1269	PC	3°42'25"		87°22'56"		1,500	71,6960	71,6210		
Irradiado	1270	CA	349°16'48"		88°11'15"		1,500	38,8630	38,8440		
Irradiado	1271	CA	342°23'28"		88°13'13"		1,500	36,5320	36,5150		
Irradiado	1272	CA	339°02'44"		88°08'30"		1,500	42,3540	42,3320		
Irradiado	1273	CA	290°41'41"		89°18'54"		1,500	42,0260	42,0230		
Irradiado	1274	CA	273°16'27"		88°50'50"		1,500	24,4810	24,4760		
Irradiado	1275	CA	258°13'00"		89°04'59"		1,500	31,8750	31,8710		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13	E	1,555				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL41		0°00'01"	180°00'10"	87°16'03"	272°43'49"	1,500	98,5360	98,4240		
Irradiado	1276	CAMPO	174°37'45"		92°30'21"		1,500	20,5740	20,5540		
Irradiado	1277	CAMPO	19°28'01"		89°43'06"		1,500	51,4160	51,4150		
Irradiado	1278	CAMPO	111°29'42"		91°25'56"		1,500	111,4610	111,4270		
Irradiado	1279	CAMPO	76°41'02"		90°20'49"		1,500	122,3040	122,3020		
Irradiado	1280	COTA	112°20'12"		91°31'38"		1,500	103,2400	103,2040		
Irradiado	1281	COTA	72°58'33"		90°28'43"		1,500	107,5020	107,4990		
Irradiado	1282	COTA	105°41'29"		91°26'28"		1,500	101,0270	100,9950		
Irradiado	1283	COTA	78°34'51"		90°41'12"		1,500	99,7750	99,7680		
Irradiado	1284	COTA	97°54'15"		91°15'08"		1,500	101,2350	101,2110		
Irradiado	1285	COTA	92°00'09"		91°10'24"		1,500	102,3410	102,3200		
Irradiado	1286	COTA	86°59'19"		91°13'34"		1,500	89,8860	89,8650		
Irradiado	1287	COTA	83°39'49"		90°47'34"		1,500	105,9770	105,9670		
Irradiado	1288	COTA	98°34'32"		91°26'12"		1,500	82,4490	82,4230		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13	E	1,555				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1289	COTA	74°39'09"		90°27'11"		1,500	113,6080	113,6040		
Irradiado	1290	COTA	108°40'20"		91°39'33"		1,500	79,5070	79,4740		
Irradiado	1291	COTA	115°43'02"		91°48'44"		1,500	79,4230	79,3840		
Irradiado	1292	COTA	64°58'06"		90°30'46"		1,500	86,0250	86,0210		
Irradiado	1293	COTA	69°39'31"		90°45'24"		1,500	80,9100	80,9020		
Irradiado	1294	COTA	120°03'57"		92°13'14"		1,500	61,2840	61,2380		
Irradiado	1295	COTA	79°38'56"		91°20'29"		1,500	72,7850	72,7650		
Irradiado	1296	COTA	108°38'21"		92°05'07"		1,500	57,7600	57,7220		
Irradiado	1297	COTA	91°17'11"		91°38'50"		1,500	68,4140	68,3860		
Irradiado	1298	COTA	95°54'15"		91°54'15"		1,500	58,2310	58,1990		
Irradiado	1299	COTA	105°06'19"		91°46'06"		1,500	67,3100	67,2780		
Irradiado	1300	COTA	78°38'37"		91°27'55"		1,500	63,6800	63,6590		
Irradiado	1301	COTA	115°31'15"		92°05'45"		1,500	67,1230	67,0780		
Irradiado	1302	COTA	118°20'05"		92°06'41"		1,500	67,6690	67,6230		
Irradiado	1303	COTA	67°18'00"		90°57'40"		1,500	70,3580	70,3480		
Irradiado	1304	COTA	60°09'33"		90°30'43"		1,500	77,4430	77,4400		
Irradiado	1305	COTA	125°33'58"		92°21'29"		1,500	48,0780	48,0370		
Irradiado	1306	COTA	45°20'48"		90°14'44"		1,500	61,5630	61,5620		
Irradiado	1307	COTA	108°25'16"		92°16'21"		1,500	45,2200	45,1850		
Irradiado	1308	COTA	51°40'32"		90°58'22"		1,500	49,3810	49,3730		
Irradiado	1309	COTA	87°27'20"		92°04'11"		1,500	45,2890	45,2600		
Irradiado	1310	COTA	64°29'57"		91°48'31"		1,500	36,8440	36,8260		
Irradiado	1311	COTA	70°56'30"		91°32'32"		1,500	51,1570	51,1380		
Irradiado	1312	COTA	89°46'00"		92°34'47"		1,500	26,5880	26,5610		
Irradiado	1313	COTA	58°57'33"		90°54'19"		1,500	60,0740	60,0660		
Irradiado	1314	COTA	122°27'25"		92°39'46"		1,500	25,0080	24,9810		
Irradiado	1315	COTA	51°59'05"		90°24'41"		1,500	67,1590	67,1570		
Irradiado	1316	COTA	142°45'16"		92°32'40"		1,500	29,8250	29,7960		
Irradiado	1317	COTA	25°08'40"		89°57'51"		1,500	52,3950	52,3950		
Irradiado	1318	COTA	160°40'01"		92°43'54"		1,500	22,9020	22,8760		
Irradiado	1319	COTA	28°59'21"		90°15'20"		1,500	40,8130	40,8130		
Irradiado	1320	COTA	130°44'57"		93°39'56"		1,500	13,4590	13,4320		
Irradiado	1321	COTA	41°19'03"		91°33'58"		1,500	24,7260	24,7170		
Irradiado	1322	COTA	83°07'52"		93°11'41"		1,500	12,9630	12,9430		
Irradiado	1323	CERV	13°49'30"		88°43'30"		1,500	55,5670	55,5530		
Irradiado	1324	CER	185°59'44"		91°44'00"		1,500	21,6410	21,6310		
Irradiado	1325	CER	17°18'18"		90°11'45"		1,500	20,6220	20,6220		
Irradiado	1326	CER	126°13'40"		92°16'20"		1,500	51,2920	51,2510		
Irradiado	1327	CER	129°38'04"		92°14'14"		1,500	52,5950	52,5550		
Irradiado	1328	CER	116°12'39"		91°37'42"		1,500	96,4480	96,4090		
Irradiado	1329	CER	119°30'21"		91°40'16"		1,500	108,4590	108,4130		
Irradiado	1330	CED	123°05'30"		91°41'30"		1,500	96,3650	96,3230		
Irradiado	1331	CED	126°03'49"		92°00'16"		1,500	85,5500	85,4970		
Irradiado	1332	CER	133°43'59"		92°19'31"		1,500	65,4550	65,4010		
Irradiado	1333	MCER	135°25'43"		92°18'42"		1,500	65,3250	65,2720		
Irradiado	1334	MED	139°26'41"		91°59'26"		1,500	65,8260	65,7860		
Irradiado	1335	MED	147°05'26"		92°16'12"		1,500	67,5550	67,5020		
Irradiado	1336	MUV	150°49'52"		92°10'16"		1,500	68,9100	68,8610		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13	E	1,555				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1337	CA	155°29'10"		92°05'00"		1,500	70,8030	70,7560		
Irradiado	1338	CA	162°45'07"		91°59'48"		1,500	75,6440	75,5980		
Irradiado	1339	CED	170°04'25"		91°58'07"		1,500	83,8520	83,8020		
Irradiado	1340	CER	170°30'42"		92°00'30"		1,500	82,3190	82,2680		
Irradiado	1341	CERD	179°11'40"		91°48'53"		1,500	86,5930	86,5490		
Irradiado	1342	CA	171°54'20"		91°57'27"		1,500	86,3040	86,2530		
Irradiado	1343	MCER	182°38'26"		91°47'35"		1,500	84,3750	84,3330		
Irradiado	1344	MU	187°51'27"		91°28'35"		1,500	81,4630	81,4360		
Irradiado	1345	MUV	190°41'38"		91°25'59"		1,500	95,4040	95,3740		
Irradiado	1346	MUV	190°41'44"		91°25'58"		1,500	95,4330	95,4030		
Irradiado	1347	CA	183°54'43"		91°44'46"		1,500	88,2550	88,2140		
Irradiado	1348	CA	186°00'50"		91°31'09"		1,500	95,9850	95,9510		
Irradiado	1349	CA	192°17'47"		91°25'14"		1,500	95,6340	95,6050		
Irradiado	1350	CA	193°21'17"		91°25'37"		1,500	101,5840	101,5530		
Irradiado	1351	PC	196°57'06"		91°15'33"		1,500	104,4880	104,4630		
Irradiado	1352	PC	200°18'17"		91°02'00"		1,500	105,4520	105,4350		
Irradiado	1353	BAT	200°11'56"		91°10'30"		1,500	96,3910	96,3710		
Irradiado	1354	BAT	194°16'47"		91°26'26"		1,500	90,2800	90,2510		
Irradiado	1355	BAT	197°48'23"		91°26'27"		1,500	88,1340	88,1060		
Irradiado	1356	BAT	197°47'08"		91°25'21"		1,500	88,0620	88,0350		
Irradiado	1357	EXT	196°08'28"		91°25'02"		1,500	88,7140	88,6870		
Irradiado	1358	ARV	197°53'31"		91°15'43"		1,500	75,7360	75,7180		
Irradiado	1359	BAT	189°34'16"		91°27'24"		1,500	80,7810	80,7540		
Irradiado	1360	BAT	192°57'31"		91°33'32"		1,500	77,9680	77,9400		
Irradiado	1361	EXT	191°16'24"		91°30'58"		1,500	79,2630	79,2360		
Irradiado	1362	BAT	187°07'49"		91°31'59"		1,500	77,1870	77,1600		
Irradiado	1363	BAT	188°39'14"		91°37'51"		1,500	73,5140	73,4850		
Irradiado	1364	BAT	184°13'25"		91°46'42"		1,500	68,8680	68,8350		
Irradiado	1365	BAT	182°20'55"		91°39'36"		1,500	73,3080	73,2780		
Irradiado	1366	EXT	182°26'18"		91°44'42"		1,500	70,9040	70,8710		
Irradiado	1367	EXT	172°12'13"		92°01'01"		1,500	68,1810	68,1390		
Irradiado	1368	BAT	171°52'38"		92°00'35"		1,500	70,5370	70,4940		
Irradiado	1369	BAT	172°17'54"		92°00'41"		1,500	65,8010	65,7610		
Irradiado	1370	BAT	164°48'54"		92°05'14"		1,500	68,8540	68,8080		
Irradiado	1371	BAT	165°10'08"		92°04'55"		1,500	64,9010	64,8580		
Irradiado	1372	BAT	156°36'29"		92°12'10"		1,500	66,8950	66,8460		
Irradiado	1373	BAT	156°39'56"		92°04'44"		1,500	63,2720	63,2300		
Irradiado	1374	BAT	147°55'29"		92°17'29"		1,500	66,5100	66,4570		
Irradiado	1375	BAT	148°34'25"		92°17'30"		1,500	60,8710	60,8220		
Irradiado	1376	EXT	148°05'27"		92°20'07"		1,500	63,9200	63,8670		
Irradiado	1377	BAT	134°22'34"		92°19'43"		1,500	64,2890	64,2360		
Irradiado	1378	BAT	134°16'57"		92°09'51"		1,500	59,6810	59,6380		
Irradiado	1379	PC	163°07'07"		91°57'57"		1,500	54,6380	54,6060		
Irradiado	1380	PC	186°37'37"		91°35'10"		1,500	78,6430	78,6130		
Irradiado	1381	CUADRA	148°32'55"		91°23'11"		1,500	54,0270	54,0110		
Irradiado	1382	CUADRA	175°29'18"		91°44'28"		1,500	41,3630	41,3440		
Irradiado	1383	CUADRA	133°52'22"		91°41'41"		1,500	43,1590	43,1400		
Irradiado	1384	CUADRA	165°43'17"		92°47'09"		1,500	25,8160	25,7850		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13	E	1,555				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1385	ARV	220°28'28"		89°59'11"		1,500	50,7230	50,7230		
Irradiado	1386	MU	258°25'41"		87°41'48"		1,500	35,6630	35,6340		
Irradiado	1387	MU	298°45'54"		86°39'46"		1,500	47,5200	47,4390		
Irradiado	1388	MF	222°31'24"		90°24'24"		1,500	20,0600	20,0590		
Irradiado	1389	MF	236°32'45"		90°12'54"		1,500	24,4560	24,4560		
Irradiado	1390	EXP	230°11'13"		89°49'58"		1,500	22,4500	22,4500		
Irradiado	1391	EXP	209°53'40"		91°15'25"		1,500	42,9890	42,9790		
Irradiado	1392	MF	206°09'44"		91°28'11"		1,500	39,9350	39,9220		
Irradiado	1393	MF	214°17'33"		91°18'00"		1,500	44,3520	44,3410		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,347				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL2		359°59'59"	180°00'05"	86°29'26"	273°30'51"	1,500	211,7850	211,3870		
Irradiado	1394	MF	187°15'57"		92°50'46"		1,500	36,4910	36,4460		
Irradiado	1395	MF	179°45'23"		92°48'57"		1,500	27,2370	27,2040		
Irradiado	1396	MF	195°16'51"		92°36'03"		1,500	36,5500	36,5130		
Irradiado	1397	MF	188°23'46"		93°11'46"		1,500	26,9760	26,9340		
Irradiado	1398	MF	169°01'52"		93°17'40"		1,500	21,6010	21,5650		
Irradiado	1399	MF	199°28'34"		92°53'42"		1,500	28,6350	28,5980		
Irradiado	1400	MF	179°36'26"		92°55'37"		1,500	20,8560	20,8280		
Irradiado	1401	MF	191°03'08"		93°20'20"		1,500	21,0340	20,9980		
Irradiado	1402	EXP	173°35'05"		93°05'56"		1,500	19,9440	19,9140		
Irradiado	1403	EXP	186°17'52"		93°06'28"		1,500	19,9380	19,9080		
Irradiado	1404	MF	179°38'57"		93°09'54"		1,500	10,6840	10,6680		
Irradiado	1405	MF	195°25'39"		93°21'14"		1,500	14,6980	14,6720		
Irradiado	1406	MF	208°52'17"		93°02'20"		1,500	15,0980	15,0760		
Irradiado	1407	MF	212°47'07"		93°19'26"		1,500	18,0120	17,9810		
Irradiado	1408	MF	162°07'07"		102°16'42"		1,500	0,3290	0,3220		
Irradiado	1409	MF	238°34'03"		92°37'30"		1,500	16,0550	16,0380		
Irradiado	1410	MF	283°58'18"		91°41'04"		1,500	4,2660	4,2640		
Irradiado	1411	MF	327°20'37"		88°58'41"		1,500	7,5540	7,5530		
Irradiado	1412	EXP	347°50'16"		87°57'55"		1,500	10,6580	10,6520		
Irradiado	1413	MF	349°36'15"		87°45'32"		1,500	22,4820	22,4650		
Irradiado	1414	MF	359°33'17"		87°15'42"		1,500	22,8720	22,8460		
Irradiado	1415	MF	9°35'24"		87°50'00"		1,500	23,2190	23,2020		
Irradiado	1416	MF	5°00'10"		87°35'14"		1,500	43,3190	43,2810		
Irradiado	1417	MF	359°55'56"		87°18'15"		1,500	43,1930	43,1460		
Irradiado	1418	MF	354°40'51"		87°31'40"		1,500	43,5000	43,4600		
Irradiado	1419	EXP	356°24'35"		87°27'29"		1,500	37,1980	37,1620		
Irradiado	1420	EXP	3°15'10"		87°27'15"		1,500	36,6950	36,6590		
Irradiado	1421	EXP	10°37'26"		87°49'08"		1,500	11,3720	11,3640		
Irradiado	1422	MF	229°25'38"		90°52'39"		1,500	49,3360	49,3300		
Irradiado	1423	MF	217°40'20"		91°05'15"		1,500	48,9030	48,8940		
Irradiado	1424	MF	218°35'32"		91°06'09"		1,500	50,0650	50,0550		
Irradiado	1425	MF	218°54'17"		91°06'08"		1,500	51,2080	51,1980		
Irradiado	1426	EXP	223°29'55"		90°52'46"		1,500	50,4550	50,4490		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,347				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	1427	MF	221°06'27"		91°40'25"		1,500	81,0180	80,9830		
Irrradiado	1428	MF	226°39'44"		91°30'51"		1,500	81,3010	81,2720		
Irrradiado	1429	EXP	223°31'58"		91°30'02"		1,500	81,6550	81,6270		
Irrradiado	1430	MF	221°17'56"		91°52'22"		1,500	111,7360	111,6770		
Irrradiado	1431	MF	225°14'12"		91°47'42"		1,500	112,8420	112,7860		
Irrradiado	1432	EXP	223°17'04"		91°45'43"		1,500	112,8830	112,8290		
Irrradiado	1433	MF	221°24'47"		92°07'54"		1,500	152,7180	152,6120		
Irrradiado	1434	MF	224°17'25"		92°07'49"		1,500	154,0770	153,9700		
Irrradiado	1435	EXP	222°52'06"		92°04'26"		1,500	154,2820	154,1810		
Irrradiado	1436	MF	221°24'27"		92°13'48"		1,500	193,9190	193,7720		
Irrradiado	1437	MF	223°42'44"		92°11'53"		1,500	194,5300	194,3870		
Irrradiado	1438	EXP	222°25'48"		92°11'53"		1,500	194,1430	194,0000		
Irrradiado	1439	MF	223°24'21"		91°57'03"		1,500	231,2500	231,1160		
Irrradiado	1440	MF	221°30'35"		92°00'11"		1,500	232,2770	232,1350		
Irrradiado	1441	PC	223°24'49"		91°52'21"		1,500	235,3280	235,2030		
Irrradiado	1442	PC	223°44'06"		92°07'42"		1,500	194,1610	194,0270		
Irrradiado	1443	TP	223°47'16"		92°09'55"		1,500	192,5300	192,3920		
Irrradiado	1444	PC	224°20'49"		92°00'23"		1,500	154,2980	154,2030		
Irrradiado	1445	PC	225°21'36"		91°41'28"		1,500	113,1270	113,0770		
Irrradiado	1446	PC	226°47'05"		91°22'16"		1,500	81,3920	81,3680		
Irrradiado	1447	PC	229°47'31"		90°39'05"		1,500	48,9870	48,9830		
Irrradiado	1448	PC	243°03'13"		90°15'35"		1,500	12,5700	12,5700		
Irrradiado	1449	CA	196°31'37"		92°15'12"		1,500	37,8370	37,8080		
Irrradiado	1450	MED	192°06'29"		93°18'24"		0,500	50,3140	50,2300		
Irrradiado	1451	MED	191°51'49"		93°35'47"		0,500	52,1580	52,0550		
Irrradiado	1452	MED	189°27'16"		92°48'55"		1,000	62,7370	62,6610		
Irrradiado	1453	MED	187°56'18"		92°37'25"		1,000	71,8780	71,8030		
Irrradiado	1454	MED	186°39'59"		92°10'36"		1,500	81,7650	81,7060		
Irrradiado	1455	MUD	186°19'47"		92°45'52"		1,500	85,5170	85,4170		
Irrradiado	1456	MED	186°07'49"		92°52'12"		1,500	88,2790	88,1680		
Irrradiado	1457	ED	185°19'05"		93°00'29"		1,000	99,2790	99,1420		
Irrradiado	1458	CA	184°47'21"		93°06'57"		1,000	108,6070	108,4470		
Irrradiado	1459	CA	184°29'09"		93°09'23"		1,000	109,8320	109,6660		
Irrradiado	1460	MED	183°54'56"		93°01'18"		1,500	122,3760	122,2060		
Irrradiado	1461	MED	183°37'42"		93°24'16"		0,500	132,4450	132,2110		
Irrradiado	1462	MED	183°29'05"		93°21'57"		0,500	140,0350	139,7940		
Irrradiado	1463	TP	171°04'45"		93°23'10"		1,500	48,6190	48,5340		
Irrradiado	1464	CA	167°41'26"		93°15'05"		1,500	51,1880	51,1050		
Irrradiado	1465	CA	166°13'48"		93°26'55"		1,500	44,3390	44,2590		
Irrradiado	1466	CA	162°19'42"		94°14'02"		1,500	36,8620	36,7620		
Irrradiado	1467	CA	159°08'36"		96°06'11"		1,000	31,1490	30,9730		
Irrradiado	1468	MCER	166°54'47"		94°21'02"		1,500	26,9440	26,8660		
Irrradiado	1469	CA	147°37'17"		96°57'48"		1,500	17,9380	17,8050		
Irrradiado	1470	CA	131°53'24"		99°48'46"		1,500	13,1300	12,9380		
Irrradiado	1471	CERV	8°25'50"		87°58'43"		1,500	34,4510	34,4300		
Irrradiado	1472	PC	190°18'56"		92°38'39"		1,500	49,8460	49,7920		
Irrradiado	1473	PC	184°33'57"		92°57'45"		1,500	88,0020	87,8840		
Irrradiado	1474	ARV	185°05'23"		93°36'36"		0,500	61,9760	61,8530		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,347				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	1475	ARV	185°25'30"		93°46'37"		0,500	58,7790	58,6510		
Irrradiado	1476	ARV	191°25'41"		94°23'51"		0,500	40,7620	40,6420		
Irrradiado	1477	ARV	182°33'47"		93°37'26"		0,500	109,7620	109,5430		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL2	E	1,230				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL1		0°00'00"	180°00'11"	93°13'00"	266°47'11"	1,500	416,1850	415,5290		
Auxiliar	D15	A	2°04'35"	182°04'44"	93°54'47"	266°05'25"	1,500	107,8610	107,6100		
Irrradiado	1478	MF	3°19'49"		93°32'13"		1,500	156,0240	155,7270		
Irrradiado	1479	MF	2°46'10"		93°36'23"		1,500	156,0060	155,6970		
Irrradiado	1480	MF	1°56'43"		93°43'50"		1,500	154,9580	154,6300		
Irrradiado	1481	MF	1°05'43"		93°45'59"		1,500	152,6680	152,3380		
Irrradiado	1482	MF	0°58'29"		93°41'54"		1,500	165,5510	165,2060		
Irrradiado	1483	MF	1°27'52"		93°37'52"		1,500	165,3190	164,9870		
Irrradiado	1484	MF	358°06'51"		93°45'37"		1,500	153,7510	153,4200		
Irrradiado	1485	MF	359°38'43"		93°46'05"		1,500	153,6900	153,3580		
Irrradiado	1486	EXP	358°51'14"		93°43'20"		1,500	153,0850	152,7620		
Irrradiado	1487	EXP	0°24'18"		93°45'57"		1,500	153,8860	153,5540		
Irrradiado	1488	EXP	0°35'06"		93°51'13"		1,500	123,9020	123,6220		
Irrradiado	1489	EXP	358°44'13"		93°50'46"		1,500	122,4020	122,1260		
Irrradiado	1490	MF	1°35'05"		93°51'10"		1,500	122,1100	121,8340		
Irrradiado	1491	MF	1°50'44"		93°53'37"		1,500	121,9100	121,6280		
Irrradiado	1492	MF	359°39'06"		93°49'12"		1,500	122,5240	122,2520		
Irrradiado	1493	MF	357°47'43"		93°54'34"		1,500	122,1770	121,8930		
Irrradiado	1494	MF	357°45'45"		93°54'31"		1,500	118,9200	118,6430		
Irrradiado	1495	MF	356°45'40"		93°52'20"		1,500	117,4600	117,1920		
Irrradiado	1496	EXP	359°42'53"		93°52'17"		1,500	112,6260	112,3690		
Irrradiado	1497	MF	356°41'54"		93°55'48"		1,500	101,7340	101,4950		
Irrradiado	1498	MF	357°11'30"		93°57'04"		1,500	100,8520	100,6120		
Irrradiado	1499	MF	357°28'09"		93°59'26"		1,500	99,9390	99,6970		
Irrradiado	1500	MF	359°44'37"		93°53'09"		1,500	106,2460	106,0020		
Irrradiado	1501	MF	1°57'20"		93°58'10"		1,500	107,7140	107,4560		
Irrradiado	1502	MF	2°11'54"		94°01'18"		1,500	108,1370	107,8710		
Irrradiado	1503	MF	356°58'48"		94°00'55"		1,500	79,6930	79,4980		
Irrradiado	1504	MF	359°45'20"		93°55'34"		1,500	79,5070	79,3210		
Irrradiado	1505	MF	2°43'23"		94°01'57"		1,500	79,3800	79,1840		
Irrradiado	1506	EXP	1°13'45"		93°56'28"		1,500	79,2620	79,0750		
Irrradiado	1507	EXP	358°28'51"		93°56'42"		1,500	79,2950	79,1080		
Irrradiado	1508	EXP	2°13'27"		93°56'51"		1,500	50,7030	50,5820		
Irrradiado	1509	EXP	357°36'09"		93°58'33"		1,500	50,8020	50,6790		
Irrradiado	1510	MF	4°39'32"		94°00'51"		1,500	50,5020	50,3780		
Irrradiado	1511	MF	355°37'27"		93°59'40"		1,500	50,9390	50,8150		
Irrradiado	1512	MF	0°08'42"		93°54'17"		1,500	50,4760	50,3580		
Irrradiado	1513	MF	353°08'14"		94°01'36"		1,500	30,0580	29,9840		
Irrradiado	1514	MF	8°30'36"		94°05'21"		1,500	29,9600	29,8840		
Irrradiado	1515	MF	0°18'06"		93°50'22"		1,500	29,3440	29,2780		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL2	E	1,230				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1516	EXP	356°43'20"		93°54'16"		1,500	29,1970	29,1290		
Irradiado	1517	EXP	4°35'46"		93°56'34"		1,500	29,6300	29,5600		
Irradiado	1518	MF	21°31'16"		94°56'55"		1,500	12,4020	12,3560		
Irradiado	1519	MF	30°15'12"		94°34'25"		1,500	10,1880	10,1560		
Irradiado	1520	MF	59°24'57"		92°22'26"		1,500	9,9460	9,9380		
Irradiado	1521	MF	68°52'36"		91°46'15"		1,500	11,0390	11,0340		
Irradiado	1522	MF	76°11'16"		90°58'48"		1,500	15,0880	15,0850		
Irradiado	1523	MF	79°11'58"		90°29'36"		1,500	21,2840	21,2830		
Irradiado	1524	MF	79°32'54"		90°29'20"		1,500	24,3450	24,3440		
Irradiado	1525	MF	77°27'50"		90°29'02"		1,500	29,2020	29,2010		
Irradiado	1526	MF	74°52'05"		90°28'17"		1,500	32,8300	32,8290		
Irradiado	1527	MF	339°42'05"		94°52'41"		1,500	9,7330	9,6980		
Irradiado	1528	MF	333°06'49"		95°18'59"		1,500	7,8610	7,8270		
Irradiado	1529	MF	299°35'35"		94°02'31"		1,500	5,7560	5,7420		
Irradiado	1530	MF	5°22'42"		95°35'03"		1,500	7,0230	6,9900		
Irradiado	1531	MF	265°59'44"		92°20'12"		1,500	5,6690	5,6650		
Irradiado	1532	MF	232°51'00"		90°05'25"		1,500	6,4380	6,4380		
Irradiado	1533	MF	204°40'25"		88°57'50"		1,500	9,1540	9,1530		
Irradiado	1534	MF	191°23'43"		88°35'09"		1,500	11,9500	11,9470		
Irradiado	1535	CANT	106°42'14"		96°36'52"		1,500	2,2990	2,2840		
Irradiado	1536	CANT	171°00'03"		92°45'29"		1,500	2,2340	2,2320		
Irradiado	1537	CANT	47°26'29"		106°12'20"		1,500	1,1630	1,1170		
Irradiado	1538	BAC	191°18'04"		88°45'57"		1,500	12,2870	12,2850		
Irradiado	1539	BAC	163°39'32"		88°13'34"		1,500	13,0900	13,0840		
Irradiado	1540	EXA	175°54'55"		88°03'26"		1,500	12,6140	12,6070		
Irradiado	1541	EXA	178°56'33"		87°44'52"		1,500	41,3150	41,2830		
Irradiado	1542	BAC	174°32'44"		87°51'39"		1,500	41,6670	41,6380		
Irradiado	1543	BAC	183°06'55"		87°54'04"		1,500	41,6260	41,5980		
Irradiado	1544	BAC	176°28'29"		87°52'42"		1,500	65,4750	65,4300		
Irradiado	1545	BAT	175°31'00"		87°54'54"		1,500	65,8900	65,8460		
Irradiado	1546	BAT	173°32'40"		87°50'23"		1,500	66,1550	66,1080		
Irradiado	1547	BAC	177°00'42"		87°55'04"		1,500	79,8380	79,7850		
Irradiado	1548	BAT	174°32'24"		88°02'02"		1,500	78,3440	78,2980		
Irradiado	1549	BAT	173°05'11"		87°54'58"		1,500	77,3550	77,3040		
Irradiado	1550	BAC	181°57'42"		87°54'35"		1,500	61,9810	61,9400		
Irradiado	1551	EXA	179°08'02"		87°47'52"		1,500	72,0200	71,9670		
Irradiado	1552	BAC	181°18'30"		88°01'28"		1,500	90,4900	90,4360		
Irradiado	1553	BAC	180°53'00"		88°10'12"		1,500	117,6560	117,5960		
Irradiado	1554	BAC	177°52'17"		88°08'41"		1,500	116,7600	116,6980		
Irradiado	1555	EXA	179°23'30"		88°06'42"		1,500	117,4920	117,4280		
Irradiado	1556	EXA	179°30'59"		88°17'06"		1,500	150,5330	150,4650		
Irradiado	1557	BAC	178°15'20"		88°20'44"		1,500	150,5820	150,5190		
Irradiado	1558	BAC	180°37'35"		88°21'53"		1,500	150,4400	150,3780		
Irradiado	1559	BAC	178°33'55"		88°25'55"		1,500	189,1720	189,1010		
Irradiado	1560	BAC	178°41'55"		88°30'17"		1,500	216,1810	216,1070		
Irradiado	1561	BAC	178°47'23"		88°33'30"		1,500	246,1320	246,0540		
Irradiado	1562	BAT	178°25'30"		88°35'08"		1,500	244,0780	244,0030		
Irradiado	1563	BAT	177°50'54"		88°35'16"		1,500	240,6640	240,5910		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL2	E	1,230				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1564	BAT	177°08'52"		88°35'06"		1,500	238,5770	238,5050		
Irradiado	1565	BAT	176°51'25"		88°31'52"		1,500	227,6770	227,6020		
Irradiado	1566	BAT	177°30'11"		88°32'01"		1,500	225,7170	225,6430		
Irradiado	1567	BAT	178°05'41"		88°31'49"		1,500	223,1890	223,1160		
Irradiado	1568	BAT	177°48'51"		88°31'46"		1,500	208,2850	208,2170		
Irradiado	1569	BAT	177°26'02"		88°29'56"		1,500	205,4470	205,3770		
Irradiado	1570	BAT	176°43'52"		88°29'41"		1,500	203,9960	203,9260		
Irradiado	1571	BAT	176°22'30"		88°25'14"		1,500	196,7910	196,7160		
Irradiado	1572	BAT	177°26'16"		88°29'30"		1,500	195,2240	195,1560		
Irradiado	1573	BAT	178°13'55"		88°25'53"		1,500	191,6210	191,5490		
Irradiado	1574	BAC	180°22'23"		88°29'52"		1,500	203,8070	203,7370		
Irradiado	1575	EXA	179°28'14"		88°26'52"		1,500	204,2950	204,2200		
Irradiado	1576	EXA	179°34'26"		88°30'32"		1,500	231,0920	231,0140		
Irradiado	1577	BAC	180°15'54"		88°30'25"		1,500	238,5550	238,4740		
Irradiado	1578	BAC	180°16'56"		88°30'23"		1,500	223,7540	223,6780		
Irradiado	1579	BAC	180°11'30"		88°34'58"		1,500	273,5750	273,4920		
Irradiado	1580	BAC	178°50'26"		88°35'08"		1,500	272,6480	272,5650		
Irradiado	1581	EXA	179°32'12"		88°32'59"		1,500	273,1410	273,0540		
Irradiado	1582	EXA	179°28'10"		88°38'37"		1,500	305,9760	305,8910		
Irradiado	1583	BAC	178°54'43"		88°38'03"		1,500	306,1870	306,1000		
Irradiado	1584	BAC	180°04'21"		88°38'10"		1,500	306,0740	305,9880		
Irradiado	1585	BAT	181°02'31"		88°43'04"		1,500	306,2480	306,1720		
Irradiado	1586	BAT	183°06'39"		88°43'13"		1,500	307,2230	307,1470		
Irradiado	1587	EXT	181°45'51"		88°44'06"		1,500	306,1120	306,0380		
Irradiado	1588	PE	180°42'13"		88°43'33"		1,500	306,3000	306,2250		
Irradiado	1589	CRI	180°14'34"		88°36'49"		1,500	306,1280	306,0390		
Irradiado	1590	CRI	180°16'40"		88°36'53"		1,500	281,5110	281,4280		
Irradiado	1591	PE	180°47'59"		88°43'05"		1,500	280,9380	280,8670		
Irradiado	1592	BAT	181°10'23"		88°43'09"		1,500	281,0510	280,9800		
Irradiado	1593	BAT	183°14'09"		88°45'19"		1,500	280,5540	280,4870		
Irradiado	1594	EXT	182°00'19"		88°44'56"		1,500	280,8300	280,7630		
Irradiado	1595	PC	183°42'25"		88°47'16"		1,500	276,3290	276,2670		
Irradiado	1596	PC	184°39'26"		88°49'55"		1,500	228,2240	228,1770		
Irradiado	1597	BAT	184°19'49"		88°51'04"		1,500	228,1720	228,1260		
Irradiado	1598	BAT	181°40'48"		88°43'49"		1,500	229,3290	229,2730		
Irradiado	1599	EXT	182°51'24"		88°46'46"		1,500	228,5290	228,4770		
Irradiado	1600	PE	181°12'35"		88°43'08"		1,500	228,8980	228,8410		
Irradiado	1601	CRI	180°32'01"		88°32'54"		1,500	228,5220	228,4490		
Irradiado	1602	CRI	180°42'07"		88°26'27"		1,500	182,6450	182,5770		
Irradiado	1603	PE	181°50'03"		88°42'44"		1,500	182,9150	182,8680		
Irradiado	1604	BAT	182°30'21"		88°45'14"		1,500	183,0510	183,0070		
Irradiado	1605	BAT	184°56'07"		88°50'59"		1,500	183,9710	183,9340		
Irradiado	1606	EXT	183°31'36"		88°49'22"		1,500	183,7590	183,7200		
Irradiado	1607	PC	185°40'58"		88°49'14"		1,500	183,4280	183,3890		
Irradiado	1608	PC	187°31'14"		88°46'11"		1,500	145,3320	145,2980		
Irradiado	1609	BAT	186°49'44"		88°46'13"		1,500	145,3230	145,2890		
Irradiado	1610	BAT	182°46'42"		88°30'31"		1,500	144,1830	144,1350		
Irradiado	1611	EXT	184°25'55"		88°35'55"		1,500	144,3670	144,3240		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL2	E	1,230				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1612	PE	182°07'35"		88°29'40"		1,500	143,9260	143,8770		
Irradiado	1613	CRI	181°20'19"		88°21'21"		1,500	143,5020	143,4430		
Irradiado	1614	CRP	182°25'39"		88°15'01"		1,500	106,5200	106,4710		
Irradiado	1615	BAT	184°37'38"		88°32'38"		1,500	106,9720	106,9380		
Irradiado	1616	BAT	189°24'58"		88°40'12"		1,500	106,4510	106,4230		
Irradiado	1617	EXT	186°52'39"		88°33'32"		1,500	105,3860	105,3530		
Irradiado	1618	PC	190°31'14"		88°42'48"		1,500	105,9420	105,9160		
Irradiado	1619	PC	197°01'54"		88°39'27"		1,500	66,7970	66,7790		
Irradiado	1620	BAT	193°32'48"		88°33'52"		1,500	71,2910	71,2690		
Irradiado	1621	BAT	192°22'28"		88°34'01"		1,500	70,9910	70,9690		
Irradiado	1622	BAT	191°11'53"		88°33'44"		1,500	68,7540	68,7330		
Irradiado	1623	BAT	192°29'15"		88°36'32"		1,500	78,2730	78,2500		
Irradiado	1624	BAT	191°08'41"		88°34'11"		1,500	78,5850	78,5610		
Irradiado	1625	BAT	185°27'22"		88°14'41"		1,500	63,0760	63,0460		
Irradiado	1626	EXT	186°56'05"		88°23'45"		1,500	73,2530	73,2250		
Irradiado	1627	PC	220°03'40"		88°54'16"		1,500	30,8830	30,8770		
Irradiado	1628	BAT	217°35'24"		88°45'43"		1,500	29,7440	29,7370		
Irradiado	1629	BAT	204°36'57"		88°31'47"		1,500	24,6560	24,6480		
Irradiado	1630	EXT	210°26'26"		88°44'29"		1,500	26,7730	26,7660		
Irradiado	1631	EXT	318°13'17"		91°09'21"		1,500	22,4110	22,4060		
Irradiado	1632	BAT	324°51'41"		91°30'09"		1,500	19,6300	19,6230		
Irradiado	1633	BAT	310°44'41"		91°04'11"		1,500	24,8400	24,8360		
Irradiado	1634	PC	309°01'13"		91°04'26"		1,500	25,8190	25,8140		
Irradiado	1635	PC	340°08'44"		92°23'49"		1,500	59,9000	59,8470		
Irradiado	1636	BAT	341°10'43"		92°26'04"		1,500	59,5500	59,4960		
Irradiado	1637	BAT	347°39'50"		92°47'23"		1,500	57,7030	57,6340		
Irradiado	1638	EXT	343°38'04"		92°33'40"		1,500	54,5610	54,5060		
Irradiado	1639	EXT	350°43'23"		93°12'37"		1,500	97,9000	97,7460		
Irradiado	1640	BAT	348°22'37"		93°00'23"		1,500	99,6050	99,4680		
Irradiado	1641	BAT	348°31'11"		92°51'30"		1,500	97,7720	97,6500		
Irradiado	1642	BAT	354°04'55"		93°38'43"		1,500	98,4980	98,2990		
Irradiado	1643	BAT	355°14'35"		93°45'09"		1,500	100,1980	99,9830		
Irradiado	1644	BAT	356°20'44"		93°53'38"		1,500	101,1150	100,8820		
Irradiado	1645	PC	347°43'44"		92°41'02"		1,500	98,3470	98,2390		
Irradiado	1646	BAT	348°01'22"		92°54'12"		1,500	107,3350	107,1980		
Irradiado	1647	BAT	354°50'24"		93°50'47"		1,500	113,6320	113,3760		
Irradiado	1648	BAT	353°10'18"		93°38'48"		1,500	111,2260	111,0010		
Irradiado	1649	PC	349°27'26"		93°06'08"		1,500	112,1300	111,9660		
Irradiado	1650	CERV	354°38'59"		93°46'30"		1,500	116,2340	115,9810		
Irradiado	1651	CED	344°19'07"		90°53'41"		4,500	109,8600	109,8470		
Irradiado	1652	CA	344°47'52"		92°46'17"		1,500	121,2510	121,1090		
Irradiado	1653	CA	342°53'49"		90°34'59"		4,500	90,5040	90,4990		
Irradiado	1654	CA	344°25'54"		92°16'22"		1,500	87,7760	87,7070		
Irradiado	1655	CED	343°11'47"		92°23'23"		1,500	81,7500	81,6780		
Irradiado	1656	CED	340°12'57"		92°26'16"		1,500	71,2430	71,1790		
Irradiado	1657	CA	337°25'26"		92°11'00"		1,500	62,2340	62,1890		
Irradiado	1658	CA	337°08'15"		91°55'34"		1,500	61,2680	61,2330		
Irradiado	1659	CA	330°52'35"		92°05'36"		1,500	48,4770	48,4440		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL2	E	1,230				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1660	CERV	320°11'07"		91°08'06"		1,500	36,8130	36,8060		
Irradiado	1661	CED	319°14'12"		91°01'37"		1,500	36,0860	36,0800		
Irradiado	1662	CED	310°41'14"		91°08'52"		1,500	31,0760	31,0700		
Irradiado	1663	CERD	304°02'54"		93°57'04"		0,100	28,8750	28,8060		
Irradiado	1664	CED	301°24'36"		92°51'12"		0,100	28,1140	28,0790		
Irradiado	1665	CED	287°57'40"		90°20'09"		1,500	25,3440	25,3430		
Irradiado	1666	MCER	270°59'27"		90°14'29"		1,500	23,6750	23,6750		
Irradiado	1667	MCER	244°12'40"		89°41'52"		1,500	25,6180	25,6170		
Irradiado	1668	CA	262°12'48"		88°58'28"		2,000	26,9310	26,9270		
Irradiado	1669	CA	248°15'53"		88°57'38"		2,000	28,8100	28,8050		
Irradiado	1670	CA	237°06'55"		88°31'56"		2,000	30,4010	30,3910		
Irradiado	1671	CA	226°20'50"		89°15'01"		1,500	35,5710	35,5680		
Irradiado	1672	MCER	235°47'21"		89°23'31"		1,500	27,7680	27,7660		
Irradiado	1673	MUV	221°19'21"		89°07'49"		1,500	35,2280	35,2240		
Irradiado	1674	CERV	5°36'05"		94°23'53"		1,500	73,9280	73,7110		
Irradiado	1675	CER	13°43'21"		93°44'37"		1,500	37,1040	37,0250		
Irradiado	1676	CED	34°47'16"		93°11'14"		1,500	17,5720	17,5440		
Irradiado	1677	CA	57°34'49"		90°36'20"		1,500	12,0150	12,0150		
Irradiado	1678	CA	74°47'28"		90°05'39"		1,500	25,0700	25,0700		
Irradiado	1679	CERV	207°12'02"		88°44'32"		1,500	49,9920	49,9800		
Irradiado	1680	CED	205°43'26"		88°47'11"		1,500	52,1730	52,1610		
Irradiado	1681	MED	202°50'21"		88°47'17"		1,500	58,1840	58,1710		
Irradiado	1682	MUD	201°11'51"		88°48'31"		1,500	62,2330	62,2190		
Irradiado	1683	MED	200°22'44"		88°30'58"		1,500	64,5200	64,4980		
Irradiado	1684	CA	198°30'48"		88°37'55"		1,500	70,4240	70,4040		
Irradiado	1685	MU	194°38'28"		88°25'09"		2,000	79,5540	79,5240		
Irradiado	1686	MUV	192°23'04"		88°45'54"		1,500	94,0810	94,0590		
Irradiado	1687	CA	195°09'24"		88°04'52"		2,500	84,4520	84,4040		
Irradiado	1688	CA	193°53'28"		88°15'26"		2,500	91,7050	91,6620		
Irradiado	1689	CA	193°01'19"		88°12'09"		2,500	98,3050	98,2570		
Irradiado	1690	CA	191°47'54"		88°41'47"		1,500	105,0120	104,9850		
Irradiado	1691	CA	192°41'03"		87°20'38"		4,600	114,4530	114,3300		
Irradiado	1692	CA	191°51'39"		88°53'16"		1,500	122,0930	122,0700		
Irradiado	1693	CA	190°02'26"		88°46'24"		1,500	126,0120	125,9830		
Irradiado	1694	CED	189°33'02"		88°44'03"		1,500	132,3760	132,3440		
Irradiado	1695	CED	188°56'49"		88°50'39"		1,500	140,5130	140,4850		
Irradiado	1696	CED	188°34'59"		88°54'27"		1,500	146,2750	146,2480		
Irradiado	1697	CED	187°51'26"		88°49'15"		1,500	159,1930	159,1590		
Irradiado	1698	CED	187°27'00"		88°53'41"		1,500	166,7870	166,7560		
Irradiado	1699	CERD	187°24'08"		88°53'43"		1,500	168,7640	168,7330		
Irradiado	1700	CERV	186°47'01"		88°56'52"		1,500	183,6830	183,6520		
Irradiado	1701	CA	186°49'18"		88°51'17"		1,500	185,0810	185,0440		
Irradiado	1702	CA	186°33'04"		88°51'23"		1,500	192,5050	192,4670		
Auxiliar	D16	A	181°15'42"	1°15'42"	87°51'26"	272°09'08"	1,500	70,4480	70,3990		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D16	E	1,490				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL2		0°00'01"	180°00'12"	91°55'14"	268°04'31"	1,500	70,4380	70,3990		
Irradiado	1703	CA	11°30'22"		91°48'59"		1,000	54,7690	54,7410		
Irradiado	1704	ED	14°36'52"		91°58'18"		1,000	44,9520	44,9260		
Irradiado	1705	ED	16°34'00"		92°03'17"		1,000	40,4070	40,3810		
Irradiado	1706	CA	18°32'29"		91°40'05"		1,500	36,9580	36,9420		
Irradiado	1707	CA	19°41'17"		91°40'29"		1,500	34,7160	34,7010		
Irradiado	1708	CA	24°49'41"		91°40'58"		1,500	28,8700	28,8580		
Irradiado	1709	ARV	17°39'25"		91°56'44"		1,500	30,5250	30,5070		
Irradiado	1710	MU	268°32'22"		92°32'04"		1,500	55,5110	55,4560		
Irradiado	1711	MUD	268°56'29"		92°29'06"		1,500	55,5220	55,4700		
Irradiado	1712	MU	271°39'45"		92°37'04"		1,500	29,3590	29,3280		
Irradiado	1713	MED	275°18'14"		91°39'05"		1,500	29,5780	29,5660		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL47	E	1,516				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL46		0°00'00"	180°00'11"	91°11'39"	268°48'14"	1,500	180,1820	180,1420		
Auxiliar	D17	A	86°25'50"	266°25'44"	91°07'53"	268°52'07"	1,500	139,1140	139,0870		
Auxiliar	D18	A	86°23'38"	266°23'41"	91°08'12"	268°51'36"	1,500	117,9340	117,9100		
Irradiado	1714	BAC	71°06'39"		91°24'34"		1,500	21,7870	21,7800		
Irradiado	1715	BAC	87°29'47"		91°18'11"		1,500	20,9930	20,9870		
Irradiado	1716	EXA	79°30'35"		91°04'28"		1,500	21,0020	20,9980		
Irradiado	1717	BAC	279°06'54"		89°09'36"		1,500	26,2740	26,2710		
Irradiado	1718	BAC	265°39'19"		89°12'15"		1,500	26,5400	26,5370		
Irradiado	1719	EXA	272°23'58"		88°56'32"		1,500	24,6280	24,6240		
Irradiado	1720	EXA	268°51'14"		88°56'28"		1,500	60,2950	60,2850		
Irradiado	1721	BAC	271°48'48"		89°00'20"		1,500	60,9520	60,9430		
Irradiado	1722	BAC	266°02'58"		89°00'20"		1,500	60,1430	60,1340		
Irradiado	1723	BAC	266°10'47"		89°05'57"		1,500	105,4350	105,4220		
Irradiado	1724	BAC	269°30'43"		89°07'33"		1,500	104,9830	104,9710		
Irradiado	1725	EXA	267°52'29"		89°03'59"		1,500	104,6940	104,6800		
Irradiado	1726	EXA	267°33'28"		89°09'05"		1,500	137,3020	137,2870		
Irradiado	1727	BAC	266°13'38"		89°10'46"		1,500	136,9320	136,9180		
Irradiado	1728	BAC	268°44'57"		89°11'57"		1,500	136,7730	136,7600		
Irradiado	1729	BAC	268°11'58"		89°20'26"		1,500	180,1420	180,1300		
Irradiado	1730	BAC	266°17'43"		89°19'34"		1,500	180,5760	180,5630		
Irradiado	1731	EXA	267°11'18"		89°17'26"		1,500	180,2330	180,2190		
Irradiado	1732	PE	269°34'03"		89°32'43"		1,500	176,3730	176,3680		
Irradiado	1733	CRI	268°45'55"		89°22'31"		1,500	175,8380	175,8280		
Irradiado	1734	BAT	269°51'13"		89°33'57"		1,500	175,3770	175,3720		
Irradiado	1735	BAT	270°49'52"		89°34'10"		1,500	175,7560	175,7510		
Irradiado	1736	EXT	270°17'39"		89°34'00"		1,500	175,4370	175,4320		
Irradiado	1737	BAT	271°35'42"		89°33'54"		1,500	152,2710	152,2660		
Irradiado	1738	BAT	272°00'54"		89°34'04"		1,500	151,8150	151,8100		
Irradiado	1739	BAT	272°30'59"		89°36'20"		1,500	153,1300	153,1260		
Irradiado	1740	BAT	270°18'18"		89°31'57"		1,500	149,4370	149,4320		
Irradiado	1741	PE	270°05'33"		89°30'10"		1,500	149,3880	149,3820		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL47	E	1,516				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1742	CRI	269°11'32"		89°17'14"		1,500	148,7780	148,7660		
Irradiado	1743	BAT	272°08'08"		89°31'51"		1,500	139,0420	139,0380		
Irradiado	1744	BAT	272°23'10"		89°32'13"		1,500	143,2300	143,2260		
Irradiado	1745	BAT	273°10'49"		89°32'13"		1,500	147,7780	147,7730		
Irradiado	1746	BAT	274°44'40"		89°37'19"		1,500	153,8940	153,8900		
Irradiado	1747	PC	275°53'27"		89°33'23"		1,500	138,7770	138,7730		
Irradiado	1748	BAT	273°24'26"		89°37'04"		1,500	157,3090	157,3050		
Irradiado	1749	BAT	274°39'02"		89°40'16"		1,500	161,3310	161,3280		
Irradiado	1750	BAT	276°15'34"		89°42'54"		1,500	165,1850	165,1830		
Irradiado	1751	BAT	276°26'03"		89°42'49"		1,500	159,3420	159,3400		
Irradiado	1752	CRP	269°36'34"		89°20'40"		1,500	145,2690	145,2590		
Irradiado	1753	BAT	269°54'02"		89°23'50"		1,500	140,7850	140,7780		
Irradiado	1754	BAT	269°31'48"		89°18'00"		1,500	135,8650	135,8550		
Irradiado	1755	BAT	268°55'07"		89°11'27"		1,500	130,5450	130,5320		
Irradiado	1756	BAT	270°36'09"		89°25'37"		1,500	131,4230	131,4160		
Irradiado	1757	BAT	270°12'42"		89°18'10"		1,500	125,3250	125,3160		
Irradiado	1758	BAT	269°26'03"		89°09'37"		1,500	109,2670	109,2560		
Irradiado	1759	BAT	272°00'19"		89°29'12"		1,500	104,3410	104,3370		
Irradiado	1760	BAT	276°06'13"		89°31'12"		1,500	105,0700	105,0670		
Irradiado	1761	BAT	273°57'59"		89°31'25"		1,500	104,1830	104,1800		
Irradiado	1762	PC	278°50'48"		89°35'43"		1,500	105,5280	105,5260		
Irradiado	1763	BAT	274°24'57"		89°32'21"		1,500	72,7930	72,7910		
Irradiado	1764	BAT	280°51'58"		89°37'37"		1,500	73,8390	73,8380		
Irradiado	1765	EXT	277°56'20"		89°31'39"		1,500	72,3420	72,3400		
Irradiado	1766	PC	287°12'51"		89°49'27"		1,500	63,8340	63,8340		
Irradiado	1767	BAT	291°52'20"		89°57'22"		1,500	42,9880	42,9880		
Irradiado	1768	BAT	280°57'03"		89°49'37"		1,500	39,1410	39,1410		
Irradiado	1769	EXT	286°39'25"		89°49'21"		1,500	40,1390	40,1390		
Irradiado	1770	EXT	311°00'34"		91°04'08"		1,500	20,2050	20,2010		
Irradiado	1771	BAT	300°44'12"		91°05'21"		1,500	16,6960	16,6930		
Irradiado	1772	BAT	321°44'18"		91°17'46"		1,500	24,3910	24,3850		
Irradiado	1773	PC	325°42'18"		91°10'04"		1,500	26,4380	26,4320		
Irradiado	1774	BAT	348°03'21"		91°51'28"		1,500	22,8920	22,8800		
Irradiado	1775	BAT	349°39'27"		93°15'59"		1,500	9,1980	9,1830		
Irradiado	1776	BAT	15°05'11"		91°49'48"		1,500	24,8530	24,8400		
Irradiado	1777	BAT	22°39'30"		92°16'27"		1,500	25,2360	25,2160		
Irradiado	1778	BAT	48°07'41"		92°12'21"		1,500	32,1520	32,1280		
Irradiado	1779	BAT	70°08'30"		91°50'49"		1,500	28,1740	28,1590		
Irradiado	1780	EXT	59°32'38"		92°13'38"		1,500	29,7100	29,6880		
Irradiado	1781	PC	44°23'12"		92°11'04"		1,500	34,0980	34,0730		
Irradiado	1782	CRP	73°52'15"		91°35'58"		1,500	33,2860	33,2730		
Irradiado	1783	ARV	77°33'10"		91°39'11"		1,500	157,4630	157,3970		
Irradiado	1784	CA	76°32'07"		91°37'59"		1,500	154,8060	154,7430		
Irradiado	1785	MED	75°56'42"		91°43'01"		1,500	147,9660	147,8990		
Irradiado	1786	MUV	75°53'09"		91°42'56"		1,500	146,8410	146,7750		
Irradiado	1787	MUD	74°56'13"		91°43'00"		1,500	136,1930	136,1320		
Irradiado	1788	MED	74°23'17"		91°49'35"		1,500	130,4120	130,3460		
Irradiado	1789	CA	73°22'20"		91°49'29"		1,500	121,8250	121,7630		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL47	E	1,516				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1790	CERV	72°19'28"		91°49'37"		1,500	113,6410	113,5830		
Irradiado	1791	CED	71°39'59"		91°45'12"		1,500	109,1590	109,1080		
Irradiado	1792	CA	70°39'20"		91°47'52"		1,500	103,0510	103,0010		
Irradiado	1793	MUV	70°24'19"		91°56'48"		1,500	101,7690	101,7100		
Irradiado	1794	MUV	68°06'10"		91°58'19"		1,500	90,5270	90,4730		
Irradiado	1795	CA	67°17'29"		90°02'10"		4,600	102,0160	102,0160		
Irradiado	1796	CA	65°19'44"		90°06'35"		4,600	92,9900	92,9900		
Irradiado	1797	CA	66°48'47"		91°56'01"		1,500	86,7530	86,7030		
Irradiado	1798	CA	64°56'28"		92°05'48"		1,500	79,8680	79,8140		
Irradiado	1799	CERV	65°56'15"		91°51'58"		1,500	77,4880	77,4470		
Irradiado	1800	CA	61°14'21"		89°39'46"		4,600	75,5060	75,5050		
Irradiado	1801	CA	58°28'51"		89°31'14"		4,600	68,8030	68,8010		
Irradiado	1802	MCER	62°01'13"		91°59'58"		1,500	65,7030	65,6630		
Irradiado	1803	MCER	56°38'22"		92°02'36"		1,500	54,3390	54,3040		
Irradiado	1804	CA	52°17'55"		92°04'29"		1,500	55,6560	55,6190		
Irradiado	1805	CA	47°03'22"		91°32'00"		2,000	49,2780	49,2600		
Irradiado	1806	CERD	48°36'55"		92°08'02"		1,500	44,4270	44,3970		
Irradiado	1807	CA	45°46'57"		92°02'00"		1,500	44,7660	44,7380		
Irradiado	1808	CA	38°15'38"		92°24'54"		1,500	38,9670	38,9330		
Irradiado	1809	CER	39°20'15"		92°27'28"		1,500	36,8780	36,8440		
Irradiado	1810	CA	38°06'55"		92°17'29"		1,500	36,2030	36,1740		
Irradiado	1811	CA	28°57'34"		92°23'07"		1,500	32,2190	32,1910		
Irradiado	1812	CERV	25°09'10"		92°20'03"		1,500	31,7770	31,7510		
Irradiado	1813	CERV	9°55'22"		92°11'56"		1,500	28,4950	28,4740		
Irradiado	1814	CA	21°12'51"		92°18'31"		1,500	34,3920	34,3640		
Irradiado	1815	CA	8°55'56"		92°03'54"		1,500	31,9640	31,9430		
Irradiado	1816	CERV	353°16'53"		91°50'34"		1,500	27,3580	27,3440		
Irradiado	1817	CA	351°25'10"		91°44'00"		1,500	30,8440	30,8300		
Irradiado	1818	CA	337°25'02"		91°43'53"		1,500	32,5220	32,5070		
Irradiado	1819	CERV	328°03'09"		91°13'25"		1,500	31,0650	31,0580		
Irradiado	1820	CA	323°09'45"		90°40'36"		1,500	32,7200	32,7180		
Irradiado	1821	CED	314°07'46"		90°29'35"		1,500	36,9770	36,9760		
Irradiado	1822	CER	322°09'38"		91°08'10"		1,500	31,2400	31,2340		
Irradiado	1823	CER	309°05'59"		90°46'20"		1,500	35,4430	35,4400		
Irradiado	1824	CERD	307°21'59"		90°39'44"		1,500	42,0530	42,0510		
Irradiado	1825	CED	303°46'02"		90°30'04"		1,500	45,3510	45,3500		
Irradiado	1826	CED	299°04'13"		90°20'02"		1,500	51,1190	51,1180		
Irradiado	1827	CERV	296°34'45"		90°07'55"		1,500	54,9560	54,9560		
Irradiado	1828	CA	294°38'58"		90°08'40"		1,500	58,3810	58,3810		
Irradiado	1829	CED	291°39'43"		89°56'39"		1,500	64,6710	64,6710		
Irradiado	1830	CERV	291°01'38"		89°56'49"		1,500	66,4880	66,4880		
Irradiado	1831	CA	289°59'04"		89°49'30"		1,500	69,4060	69,4060		
Irradiado	1832	CED	288°16'07"		89°49'07"		1,500	74,9240	74,9240		
Irradiado	1833	CERD	287°30'33"		89°47'14"		1,500	77,2950	77,2950		
Irradiado	1834	CA	286°16'45"		89°49'08"		1,500	96,4960	96,4960		
Irradiado	1835	CA	284°42'38"		89°42'15"		1,500	103,6890	103,6880		
Irradiado	1836	CED	281°21'23"		89°37'19"		1,500	108,4140	108,4120		
Irradiado	1837	CED	280°27'51"		89°40'14"		1,500	115,2460	115,2440		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL47	E	1,516				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	1838	CER	261°09'55"		89°13'27"		1,500	111,6570	111,6470		
Irrradiado	1839	CER	258°45'22"		89°09'10"		1,500	73,4440	73,4360		
Irrradiado	1840	CERD	230°21'14"		89°19'50"		1,500	16,3780	16,3760		
Irrradiado	1841	CERD	97°12'33"		91°08'01"		1,500	44,3940	44,3860		
Irrradiado	1842	CERD	93°43'38"		91°06'47"		1,500	60,6650	60,6540		
Irrradiado	1843	CERV	90°50'03"		91°10'29"		1,500	109,8010	109,7780		
Irrradiado	1844	CERV	90°28'21"		91°09'49"		1,500	122,7960	122,7710		
Irrradiado	1845	CERV	90°05'00"		91°06'11"		1,500	137,6800	137,6550		
Irrradiado	1846	CERV	89°39'41"		91°09'56"		1,500	153,7500	153,7180		
Irrradiado	1847	CER	89°18'11"		91°09'47"		1,500	176,1470	176,1110		
Irrradiado	1848	CED	90°18'37"		90°56'26"		2,000	176,6540	176,6310		
Irrradiado	1849	CA	89°59'19"		91°07'27"		1,500	188,5330	188,4970		
Irrradiado	1850	CA	90°15'45"		90°12'36"		4,500	196,8360	196,8350		
Irrradiado	1851	CA	90°15'03"		90°13'18"		4,500	203,5750	203,5740		
Irrradiado	1852	CERV	89°02'57"		91°06'41"		1,500	204,5110	204,4730		
Irrradiado	1853	CERD	88°44'27"		91°20'56"		0,500	235,0930	235,0280		
Irrradiado	1854	CA	149°09'19"		90°04'32"		0,100	96,4410	96,4410		
Irrradiado	1855	CA	154°59'50"		89°47'24"		0,200	91,2580	91,2570		
Irrradiado	1856	CA	160°58'52"		89°02'08"		1,500	80,1640	80,1520		
Irrradiado	1857	CA	171°09'58"		89°39'16"		0,200	78,3220	78,3210		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL40	E	1,515				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL1		0°00'01"	180°00'14"	92°48'32"	267°11'26"	1,500	74,2290	74,1400		
Auxiliar	RN3	A	29°37'33"	209°37'27"	92°31'37"	267°28'05"	1,500	71,0410	70,9720		
Auxiliar	D19	A	307°21'25"	127°21'28"	94°22'56"	265°37'22"	1,500	6,0410	6,0240		
Irrradiado	1858	CED	196°07'04"		88°10'00"		1,500	28,2460	28,2310		
Irrradiado	1859	CERV	184°01'54"		86°54'44"		1,500	59,3380	59,2520		
Irrradiado	1860	EXP	321°02'34"		94°10'12"		1,500	28,4450	28,3700		
Irrradiado	1861	MF	322°14'57"		94°19'14"		1,500	25,6380	25,5650		
Irrradiado	1862	MF	319°13'10"		94°01'25"		1,500	31,8070	31,7290		
Irrradiado	1863	MF	301°50'35"		93°30'20"		1,500	32,1100	32,0500		
Irrradiado	1864	MF	301°28'24"		93°40'57"		1,500	25,0330	24,9810		
Irrradiado	1865	MF	304°11'02"		93°13'24"		1,500	61,2500	61,1530		
Irrradiado	1866	MF	304°12'05"		92°59'46"		1,500	68,1780	68,0850		
Irrradiado	1867	EXP	304°23'30"		92°59'50"		1,500	64,7400	64,6510		
Irrradiado	1868	MF	321°04'13"		92°57'52"		1,500	72,1140	72,0180		
Irrradiado	1869	MF	322°42'05"		93°15'38"		1,500	65,4940	65,3880		
Irrradiado	1870	MF	328°00'14"		92°49'50"		1,500	76,0170	75,9250		
Irrradiado	1871	MF	330°02'01"		93°10'21"		1,500	69,5580	69,4520		
Irrradiado	1872	EXP	327°00'29"		92°57'17"		1,500	71,5760	71,4810		
Irrradiado	1873	EXP	341°08'51"		92°44'11"		1,500	83,6220	83,5260		
Irrradiado	1874	MF	340°19'12"		92°47'43"		1,500	86,8850	86,7810		
Irrradiado	1875	MF	342°44'46"		92°50'41"		1,500	81,0160	80,9160		
Irrradiado	1876	MF	348°41'26"		92°41'54"		1,500	89,6280	89,5280		
Irrradiado	1877	MF	350°41'51"		92°29'26"		1,500	103,8120	103,7140		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL40	E	1,515				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1878	MF	354°30'31"		92°21'47"		1,500	112,8230	112,7270		
Irradiado	1879	MF	0°17'07"		92°28'22"		1,500	106,6030	106,5040		
Irradiado	1880	EXP	357°06'47"		92°26'18"		1,500	109,5030	109,4040		
Irradiado	1881	CA	347°33'21"		92°39'54"		1,500	106,8240	106,7090		
Irradiado	1882	CED	343°16'48"		92°45'45"		1,500	99,9330	99,8170		
Irradiado	1883	CERD	342°02'13"		92°49'25"		1,500	98,3610	98,2420		
Irradiado	1884	CERV	327°25'52"		92°54'20"		1,500	84,1130	84,0050		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D19	E	1,575				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL40		0°00'01"	180°00'10"	86°28'25"	273°33'32"	1,500	6,0280	6,0170		
Auxiliar	D19.1	A	273°16'17"	93°16'26"	90°56'18"	269°03'20"	1,500	155,3770	155,3560		
Irradiado	1885	MF	273°15'29"		91°06'20"		1,500	147,0170	146,9890		
Irradiado	1886	MF	277°55'03"		91°08'03"		1,500	144,7280	144,7000		
Irradiado	1887	ARV	275°38'13"		91°16'23"		1,000	144,7760	144,7410		
Irradiado	1888	MF	273°11'30"		91°22'23"		1,500	129,3770	129,3400		
Irradiado	1889	BAT	272°49'46"		91°23'09"		1,500	127,7500	127,7130		
Irradiado	1890	BAT	271°58'10"		91°23'11"		1,500	126,3240	126,2870		
Irradiado	1891	MF	272°27'26"		91°32'59"		1,500	112,4040	112,3620		
Irradiado	1892	MF	273°00'44"		91°35'49"		1,500	110,2320	110,1900		
Irradiado	1893	MF	278°25'14"		91°30'44"		1,500	112,3360	112,2970		
Irradiado	1894	ARV	276°05'46"		91°37'30"		1,000	122,2990	122,2500		
Irradiado	1895	MF	273°01'51"		91°48'18"		1,500	87,4660	87,4220		
Irradiado	1896	MF	279°03'16"		91°48'22"		1,500	86,4990	86,4560		
Irradiado	1897	ARV	276°29'41"		91°45'20"		1,500	85,7320	85,6910		
Irradiado	1898	ARV	276°22'10"		91°50'28"		1,500	76,5730	76,5340		
Irradiado	1899	MF	272°48'16"		92°03'49"		1,500	70,0200	69,9750		
Irradiado	1900	MF	279°54'14"		92°02'05"		1,500	69,0420	68,9990		
Irradiado	1901	MF	281°12'17"		92°09'26"		1,500	51,7600	51,7230		
Irradiado	1902	MF	272°22'49"		92°14'19"		1,500	50,6410	50,6020		
Irradiado	1903	ARV	276°47'53"		92°05'06"		1,500	50,6180	50,5840		
Irradiado	1904	MF	270°57'09"		91°59'48"		1,500	28,6860	28,6690		
Irradiado	1905	MF	285°40'00"		92°00'41"		1,500	27,8740	27,8570		
Irradiado	1906	EXP	278°47'43"		91°36'33"		1,500	27,0660	27,0550		
Irradiado	1907	EXP	295°00'51"		92°24'35"		1,500	14,1940	14,1820		
Irradiado	1908	EXP	294°28'15"		92°43'06"		1,500	13,1630	13,1490		
Irradiado	1909	MU	294°36'30"		90°51'39"		1,500	16,8090	16,8070		
Irradiado	1910	CA	287°43'18"		91°24'44"		1,500	27,8590	27,8500		
Irradiado	1911	MED	284°32'21"		91°42'55"		1,500	38,0750	38,0580		
Irradiado	1912	MUD	284°01'30"		91°45'36"		1,500	40,4430	40,4240		
Irradiado	1913	MED	283°01'36"		91°35'40"		1,500	46,5160	46,4980		
Irradiado	1914	MED	281°37'17"		91°35'44"		1,500	58,4550	58,4320		
Irradiado	1915	MU	281°38'06"		91°45'58"		1,500	61,2570	61,2280		
Irradiado	1916	MUD	283°55'36"		89°09'15"		4,000	61,0450	61,0380		
Irradiado	1917	MED	283°32'44"		88°37'09"		4,000	62,0940	62,0760		
Irradiado	1918	MED	283°00'18"		89°01'05"		4,000	69,6900	69,6800		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D19	E	1,575				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1919	MED	283°06'01"		89°09'49"		4,000	71,7010	71,6940		
Irradiado	1920	CA	280°52'42"		91°37'17"		1,500	71,7360	71,7080		
Irradiado	1921	ED	280°28'25"		91°31'44"		1,500	78,9430	78,9150		
Irradiado	1922	CA	280°13'00"		91°38'46"		1,500	82,9460	82,9110		
Irradiado	1923	CA	280°11'49"		91°33'33"		1,500	84,4550	84,4230		
Irradiado	1924	MED	279°52'44"		91°34'34"		1,500	93,5710	93,5360		
Irradiado	1925	MED	279°47'14"		91°20'25"		1,500	96,5500	96,5240		
Irradiado	1926	CED	279°32'39"		91°12'10"		1,500	106,4860	106,4630		
Irradiado	1927	CED	279°23'14"		91°21'36"		1,500	111,3300	111,2990		
Irradiado	1928	CA	279°02'17"		91°17'20"		1,500	126,0800	126,0480		
Irradiado	1929	CA	279°39'52"		89°53'10"		4,600	127,0740	127,0740		
Irradiado	1930	CA	279°36'34"		89°47'44"		4,600	133,7740	133,7730		
Irradiado	1931	CA	279°35'02"		89°40'52"		4,600	134,3570	134,3550		
Irradiado	1932	CA	279°03'23"		90°58'29"		1,500	141,1410	141,1210		
Irradiado	1933	CA	278°39'15"		91°03'36"		1,500	142,3540	142,3300		
Irradiado	1934	CA	278°24'43"		90°57'02"		1,500	150,2780	150,2570		
Irradiado	1935	PC	278°16'03"		91°19'49"		1,500	126,8100	126,7760		
Irradiado	1936	PC	278°59'08"		91°34'39"		1,500	95,5320	95,4960		
Irradiado	1937	PC	280°13'56"		91°56'24"		1,500	64,2140	64,1770		
Irradiado	1938	PC	284°07'28"		92°07'55"		1,500	33,4760	33,4530		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,500				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL1		0°00'01"	180°00'11"	93°01'14"	266°58'43"	1,500	204,4180	204,1340		
Irradiado	1939	MU	144°43'02"		87°30'53"		1,500	16,2000	16,1840		
Irradiado	1940	MED	141°11'56"		86°07'19"		1,500	16,2010	16,1630		
Irradiado	1941	CA	141°01'03"		86°07'17"		1,500	15,5520	15,5160		
Irradiado	1942	MED	116°23'07"		86°29'51"		1,500	16,9140	16,8820		
Irradiado	1943	MUD	109°15'24"		88°11'33"		1,500	17,9220	17,9130		
Irradiado	1944	MU	102°18'58"		88°01'26"		1,500	19,4500	19,4380		
Irradiado	1945	MED	101°22'07"		87°54'56"		1,500	18,7970	18,7840		
Irradiado	1946	CA	76°35'34"		90°21'49"		1,500	11,5890	11,5890		
Irradiado	1947	CA	65°06'14"		92°10'07"		1,500	16,9890	16,9760		
Irradiado	1948	MUV	63°35'19"		93°08'39"		1,000	21,2500	21,2180		
Irradiado	1949	MED	61°13'47"		91°24'54"		1,500	22,2120	22,2050		
Irradiado	1950	CED	57°40'17"		91°14'00"		1,500	28,3830	28,3760		
Irradiado	1951	MCER	56°18'47"		91°20'50"		1,500	31,4400	31,4310		
Irradiado	1952	CA	53°11'42"		90°54'22"		1,500	36,3670	36,3630		
Irradiado	1953	CA	51°19'18"		90°43'41"		1,500	44,2540	44,2510		
Irradiado	1954	CA	50°35'40"		90°43'47"		1,500	47,5960	47,5920		
Irradiado	1955	CED	49°34'55"		90°51'20"		1,500	54,7030	54,6970		
Irradiado	1956	CED	48°35'51"		91°01'47"		1,500	58,2120	58,2020		
Irradiado	1957	MED	47°53'30"		91°14'33"		1,500	66,0910	66,0760		
Irradiado	1958	MED	47°44'12"		91°14'29"		1,500	67,4820	67,4660		
Irradiado	1959	CA	47°11'39"		91°19'07"		1,500	72,5900	72,5710		
Irradiado	1960	CA	47°06'43"		91°22'19"		1,500	74,0280	74,0070		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,500				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	1961	CA	46°40'51"		91°27'21"		1,500	79,0770	79,0520		
Irradiado	1962	CA	46°35'35"		91°27'30"		1,500	80,0400	80,0140		
Irradiado	1963	ED	46°28'05"		91°27'23"		1,500	83,7060	83,6790		
Irradiado	1964	CA	46°07'30"		91°34'37"		1,500	90,6390	90,6050		
Irradiado	1965	CA	46°01'06"		91°33'12"		1,500	92,8600	92,8260		
Irradiado	1966	CA	46°07'32"		91°33'12"		1,500	90,6220	90,5890		
Irradiado	1967	ED	45°40'34"		91°39'54"		1,500	100,1820	100,1400		
Irradiado	1968	CED	45°13'39"		91°42'59"		1,500	114,1080	114,0560		
Irradiado	1969	CERD	45°12'26"		91°43'52"		1,500	115,6590	115,6060		
Irradiado	1970	CED	45°00'49"		91°43'48"		1,500	117,1900	117,1360		
Irradiado	1971	MED	44°56'03"		91°48'00"		1,500	125,3500	125,2880		
Irradiado	1972	MED	44°53'45"		91°49'45"		1,500	127,7540	127,6890		
Irradiado	1973	MED	44°41'48"		91°39'32"		1,500	134,7470	134,6910		
Irradiado	1974	MUV	44°37'59"		91°55'47"		1,500	138,4910	138,4130		
Irradiado	1975	CA	44°39'04"		91°55'48"		1,500	139,2540	139,1750		
Irradiado	1976	CED	44°31'16"		91°58'41"		1,500	147,0540	146,9660		
Irradiado	1977	MCER	44°16'02"		92°01'32"		1,500	152,2080	152,1130		
Irradiado	1978	MED	44°11'07"		92°01'30"		1,500	154,1580	154,0610		
Irradiado	1979	MED	44°02'17"		92°07'02"		1,500	162,7480	162,6370		
Irradiado	1980	MED	44°00'38"		92°02'53"		1,500	164,1330	164,0280		
Irradiado	1981	CA	43°48'15"		92°09'11"		1,500	170,2370	170,1170		
Irradiado	1982	CA	43°51'30"		92°09'09"		1,500	170,9060	170,7860		
Irradiado	1983	CA	43°50'18"		92°10'06"		1,500	176,3460	176,2200		
Irradiado	1984	MUV	43°41'18"		92°11'02"		1,500	177,1040	176,9760		
Irradiado	1985	MED	43°19'19"		92°11'03"		1,500	192,4500	192,3100		
Irradiado	1986	MED	43°15'21"		92°06'11"		1,500	201,5870	201,4510		
Irradiado	1987	MCER	43°14'05"		92°03'50"		1,500	204,7290	204,5970		
Irradiado	1988	MED	40°06'53"		92°14'43"		1,500	184,7230	184,5810		
Irradiado	1989	MED	40°05'06"		92°15'58"		1,500	178,0340	177,8940		
Irradiado	1990	MUD	40°01'12"		92°15'52"		1,500	176,7840	176,6460		
Irradiado	1991	MED	40°00'28"		92°14'20"		1,500	168,8060	168,6770		
Irradiado	1992	MED	40°00'23"		92°12'57"		1,500	164,6940	164,5710		
Irradiado	1993	MED	40°00'45"		92°12'59"		1,500	161,1580	161,0370		
Irradiado	1994	MED	40°00'39"		92°08'16"		1,500	154,4060	154,2980		
Irradiado	1995	MUD	39°57'01"		92°05'15"		1,500	148,2160	148,1170		
Irradiado	1996	MED	39°53'39"		92°03'19"		1,500	143,0840	142,9920		
Irradiado	1997	CED	39°53'44"		92°01'51"		1,500	136,0590	135,9740		
Irradiado	1998	CERD	39°53'19"		92°03'29"		1,500	134,2540	134,1680		
Irradiado	1999	CED	39°53'28"		91°58'41"		1,500	131,5660	131,4880		
Irradiado	2000	MED	39°42'21"		91°55'23"		1,500	121,0880	121,0200		
Irradiado	2001	MED	39°43'34"		91°55'22"		1,500	118,2060	118,1390		
Irradiado	2002	CED	39°42'37"		91°47'57"		1,500	107,8100	107,7570		
Irradiado	2003	CED	39°44'14"		91°46'29"		1,500	105,5590	105,5090		
Irradiado	2004	MED	39°28'53"		91°42'47"		1,500	94,8790	94,8370		
Irradiado	2005	MED	39°29'53"		91°42'43"		1,500	93,6960	93,6540		
Irradiado	2006	MED	39°22'33"		92°14'15"		0,500	81,0690	81,0070		
Irradiado	2007	MU	38°40'35"		91°17'28"		1,500	57,9680	57,9530		
Irradiado	2008	MU	36°35'51"		91°06'47"		1,500	49,2720	49,2620		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D14	E	1,500				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2009	MU	35°35'44"		91°09'08"		1,500	47,9820	47,9720		
Irradiado	2010	MED	26°57'07"		91°41'04"		1,500	41,4350	41,4170		
Irradiado	2011	MF	163°53'24"		86°51'32"		1,500	26,4570	26,4170		
Irradiado	2012	MF	146°28'09"		86°17'31"		1,500	24,1190	24,0680		
Irradiado	2013	EXP	155°22'12"		86°10'10"		1,500	25,0820	25,0260		
Irradiado	2014	EXP	151°02'59"		85°27'05"		1,500	44,6440	44,5040		
Irradiado	2015	MF	156°33'05"		85°36'00"		1,500	45,0760	44,9440		
Irradiado	2016	MF	146°23'31"		85°39'13"		1,500	42,7280	42,6050		
Irradiado	2017	MF	155°18'59"		85°46'32"		1,500	51,9200	51,7790		
Irradiado	2018	MF	155°13'35"		85°49'03"		1,500	52,8190	52,6780		
Irradiado	2019	MF	156°03'14"		85°52'13"		1,500	53,8030	53,6630		
Irradiado	2020	MF	157°05'14"		85°52'37"		1,500	54,0650	53,9250		
Irradiado	2021	MF	157°59'54"		85°55'47"		1,500	53,6990	53,5630		
Irradiado	2022	MF	155°31'48"		86°00'43"		1,500	65,1810	65,0230		
Irradiado	2023	MF	153°15'51"		86°02'16"		1,500	67,2300	67,0690		
Irradiado	2024	MF	152°56'50"		86°02'15"		1,500	69,3360	69,1700		
Irradiado	2025	EXP	150°47'11"		85°52'14"		1,500	61,9720	61,8110		
Irradiado	2026	MF	146°23'33"		85°59'46"		1,500	60,6530	60,5050		
Irradiado	2027	MUV	145°56'17"		85°43'14"		1,500	45,6140	45,4870		
Irradiado	2028	CA	145°06'19"		83°13'56"		4,000	49,5490	49,2030		
Irradiado	2029	CA	145°24'37"		84°20'37"		2,600	45,4330	45,2120		
Irradiado	2030	CA	158°02'16"		85°17'20"		1,500	42,0130	41,8710		
Irradiado	2031	CA	159°09'12"		85°07'49"		1,500	38,0880	37,9510		
Irradiado	2032	CA	163°43'36"		85°00'37"		1,500	36,9550	36,8150		
Irradiado	2033	CA	167°42'00"		86°23'54"		1,500	47,6750	47,5800		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D15	E	1,530				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL2		359°59'59"	180°00'16"	85°57'45"	274°02'25"	1,500	107,8730	107,6060		
Auxiliar	D15.1	A	225°15'39"	45°15'23"	90°11'26"	269°48'04"	1,500	105,2290	105,2290		
Irradiado	2034	MF	228°07'57"		90°26'49"		1,500	94,2150	94,2120		
Irradiado	2035	MF	222°13'41"		90°29'03"		2,000	93,3920	93,3890		
Irradiado	2036	EXP	225°30'10"		90°34'12"		1,500	93,4680	93,4630		
Irradiado	2037	PC	222°13'24"		90°27'25"		1,500	92,6910	92,6880		
Irradiado	2038	ARV	223°26'24"		90°41'36"		1,500	74,8320	74,8270		
Irradiado	2039	ARV	229°42'24"		90°10'14"		1,500	69,8170	69,8170		
Irradiado	2040	MF	230°34'48"		90°04'19"		1,500	66,3920	66,3920		
Irradiado	2041	MF	223°08'00"		90°28'52"		1,500	64,7380	64,7360		
Irradiado	2042	MF	223°27'25"		90°12'57"		1,500	59,1960	59,1950		
Irradiado	2043	MF	223°28'25"		90°08'41"		1,500	57,9980	57,9980		
Irradiado	2044	MF	222°31'38"		90°11'51"		1,500	56,8610	56,8600		
Irradiado	2045	MF	221°09'17"		90°15'31"		1,500	56,7590	56,7580		
Irradiado	2046	MF	210°17'28"		90°41'22"		1,500	57,3190	57,3150		
Irradiado	2047	EXP	228°53'48"		89°39'44"		1,500	52,0140	52,0130		
Irradiado	2048	MF	223°09'16"		89°45'47"		1,500	45,1190	45,1190		
Irradiado	2049	MF	224°42'40"		89°43'03"		1,500	44,7930	44,7930		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D15	E	1,530				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2050	MF	225°05'29"		89°42'56"		1,500	43,8240	43,8240		
Irradiado	2051	MF	225°09'20"		89°43'42"		1,500	39,9880	39,9880		
Irradiado	2052	MF	236°08'56"		89°11'08"		1,500	39,9140	39,9100		
Irradiado	2053	EXT-EXP	230°47'25"		89°39'39"		1,500	39,3990	39,3990		
Irradiado	2054	BAT	233°09'19"		91°21'18"		1,500	25,1640	25,1570		
Irradiado	2055	BAT	216°08'20"		91°44'29"		1,500	26,2300	26,2180		
Irradiado	2056	EXT	224°02'05"		91°41'39"		1,500	24,5640	24,5530		
Irradiado	2057	BAT	199°02'43"		93°44'01"		1,500	15,8370	15,8030		
Irradiado	2058	BAT	187°36'51"		94°17'07"		1,500	14,0970	14,0580		
Irradiado	2059	BAT	233°37'22"		93°50'12"		1,500	12,3850	12,3580		
Irradiado	2060	BAT	232°39'54"		97°41'15"		1,500	4,8650	4,8210		
Irradiado	2061	MUV	239°34'29"		92°35'12"		1,500	19,4650	19,4450		
Irradiado	2062	MUD	239°00'31"		91°13'58"		1,500	25,2380	25,2320		
Irradiado	2063	MCER	239°04'43"		89°20'09"		1,500	36,6900	36,6880		
Irradiado	2064	IGRE	245°46'11"		88°52'56"		1,500	35,8990	35,8920		
Irradiado	2065	IGRE	247°07'50"		88°31'56"		1,500	26,3940	26,3850		
Irradiado	2067	PC	224°33'11"		89°26'31"		1,500	44,0360	44,0340		
Irradiado	2068	CA	209°01'26"		90°25'48"		1,500	42,5600	42,5590		
Irradiado	2069	CA	204°50'17"		90°47'13"		1,500	37,4840	37,4810		
Irradiado	2070	CA	199°43'35"		91°02'05"		1,500	39,7820	39,7760		
Irradiado	2071	CA	190°30'08"		91°44'38"		1,500	44,6530	44,6330		
Irradiado	2072	CA	186°35'14"		92°21'05"		1,500	44,5860	44,5490		
Irradiado	2073	CA	186°29'15"		92°14'20"		1,500	47,4850	47,4480		
Irradiado	2074	ALA	154°25'14"		95°59'47"		1,500	38,5860	38,3750		
Irradiado	2075	ALA	155°36'10"		95°11'33"		1,500	38,2700	38,1130		
Irradiado	2076	ALA	155°18'39"		95°12'47"		1,500	37,8650	37,7090		
Irradiado	2077	ALA	155°39'52"		95°05'53"		1,500	37,7390	37,5900		
Irradiado	2078	ALA	157°01'24"		94°55'39"		1,500	39,3470	39,2020		
Irradiado	2079	ALA	156°41'04"		94°55'41"		1,500	39,4710	39,3250		
Irradiado	2080	ALA	156°15'09"		95°07'09"		1,500	39,1570	39,0010		
Irradiado	2081	ALA	155°21'48"		95°54'21"		1,500	39,9250	39,7130		
Irradiado	2082	TOPO80	155°53'09"		95°32'08"		1,500	38,6340	38,4540		
Irradiado	2083	IGRE	131°15'40"		91°47'46"		1,500	54,2680	54,2410		
Irradiado	2084	IGRE	140°25'20"		92°51'11"		0,500	63,9950	63,9160		
Irradiado	2085	CERV	149°23'02"		96°02'53"		1,500	38,9440	38,7270		
Irradiado	2086	CA	221°29'37"		90°05'06"		1,500	58,0050	58,0050		
Irradiado	2087	CA	211°40'23"		90°23'21"		1,500	58,8680	58,8660		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL18	E	1,587				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL17		0°00'01"	180°00'12"	90°04'19"	269°55'36"	1,500	138,7460	138,7460		
Auxiliar	D20	A	4°35'30"	184°35'22"	89°44'40"	270°15'03"	1,500	57,0170	57,0160		
Auxiliar	RN4	A	354°43'08"	174°43'02"	89°39'35"	270°20'29"	1,500	26,2770	26,2760		
Irradiado	2088	MF	356°42'05"		89°54'34"		1,500	55,5790	55,5790		
Irradiado	2089	MF	6°42'59"		89°45'11"		1,500	55,5720	55,5710		
Irradiado	2090	MF	5°57'25"		89°47'03"		1,500	54,6580	54,6570		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL18	E	1,587				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2091	MF	6°03'45"		89°49'19"		1,500	53,5650	53,5640		
Irradiado	2092	EXP	1°11'00"		89°43'29"		1,500	58,5040	58,5030		
Irradiado	2093	EXP	2°43'21"		89°47'23"		1,500	36,5920	36,5920		
Irradiado	2094	MF	9°38'09"		89°58'52"		1,500	36,8330	36,8330		
Irradiado	2095	MF	355°41'38"		89°57'25"		1,500	36,0250	36,0250		
Irradiado	2096	MF	354°26'28"		90°15'44"		1,500	23,3720	23,3720		
Irradiado	2097	MF	16°06'15"		90°11'42"		1,500	23,6360	23,6360		
Irradiado	2098	MF	354°33'27"		91°40'59"		1,500	8,1410	8,1380		
Irradiado	2099	MF	39°55'50"		91°03'14"		1,500	11,8240	11,8220		
Irradiado	2100	EXP	21°24'50"		90°38'25"		1,500	9,2350	9,2350		
Irradiado	2101	MF	171°59'23"		92°05'47"		1,500	12,8610	12,8530		
Irradiado	2102	MF	136°10'59"		91°26'25"		1,500	15,9290	15,9240		
Irradiado	2103	EXP	153°11'45"		91°18'27"		1,500	13,9850	13,9820		
Irradiado	2104	EXP	165°35'55"		90°53'56"		1,500	42,6950	42,6900		
Irradiado	2105	MF	158°45'54"		90°59'14"		1,500	44,2310	44,2250		
Irradiado	2106	MF	170°42'36"		91°01'18"		1,500	42,6290	42,6230		
Irradiado	2107	MF	170°36'47"		91°01'12"		1,500	58,1610	58,1520		
Irradiado	2108	MF	171°41'33"		91°10'30"		1,500	58,2010	58,1890		
Irradiado	2109	MF	162°19'42"		90°51'19"		1,500	62,3840	62,3770		
Irradiado	2110	MF	161°05'14"		90°47'56"		1,500	64,3140	64,3080		
Irradiado	2111	MF	160°03'18"		90°46'07"		1,500	65,1980	65,1920		
Irradiado	2112	MF	157°12'05"		90°41'03"		1,500	66,7320	66,7270		
Irradiado	2113	MF	157°30'03"		90°32'33"		1,500	73,2540	73,2510		
Irradiado	2114	MF	160°06'46"		90°36'41"		1,500	71,7160	71,7120		
Irradiado	2115	MF	161°53'51"		90°42'42"		1,500	71,5930	71,5880		
Irradiado	2116	MF	163°31'37"		90°41'12"		1,500	73,3400	73,3350		
Irradiado	2117	MF	170°29'55"		90°51'02"		1,500	68,3480	68,3410		
Irradiado	2118	MF	172°01'26"		91°01'51"		1,500	66,9440	66,9330		
Irradiado	2119	EXP	166°58'06"		90°52'26"		1,500	66,5840	66,5760		
Irradiado	2120	MF	164°27'19"		90°26'01"		1,500	88,6050	88,6020		
Irradiado	2121	MF	170°14'31"		90°31'01"		1,500	88,5150	88,5110		
Irradiado	2122	PC	172°20'58"		90°48'26"		1,500	69,8170	69,8100		
Irradiado	2123	PC	172°40'40"		90°43'23"		1,500	34,8040	34,8010		
Irradiado	2124	PC	199°14'46"		92°01'27"		1,500	1,0700	1,0690		
Irradiado	2125	PC	354°09'45"		89°39'41"		1,500	26,8130	26,8120		
Irradiado	2126	PC	356°21'53"		89°51'48"		1,500	56,9920	56,9920		
Irradiado	2127	CA	6°58'14"		89°27'12"		1,500	53,1080	53,1050		
Irradiado	2128	MED	10°19'50"		89°28'06"		1,500	39,1260	39,1250		
Irradiado	2129	MUD	19°27'44"		88°49'42"		1,500	23,3910	23,3860		
Irradiado	2130	CA	29°07'00"		88°02'30"		1,500	21,5770	21,5640		
Irradiado	2131	CA	45°10'53"		84°24'52"		2,000	15,9210	15,8450		
Irradiado	2132	MED	46°15'21"		89°42'35"		2,000	12,4590	12,4590		
Irradiado	2133	CA	119°51'11"		88°40'13"		2,000	13,0250	13,0220		
Irradiado	2134	CA	122°47'28"		90°21'33"		2,000	13,7730	13,7730		
Irradiado	2135	CA	142°36'35"		89°47'53"		2,000	22,4720	22,4720		
Irradiado	2136	CA	144°03'10"		90°37'22"		2,000	23,8520	23,8500		
Irradiado	2137	MED	151°32'18"		90°36'12"		1,500	32,2550	32,2530		
Irradiado	2138	MCER	152°20'39"		90°38'37"		1,500	33,8190	33,8170		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL18	E	1,587				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	2139	MED	153°21'24"		90°13'03"		1,500	35,5600	35,5600		
Irrradiado	2140	MED	156°39'23"		90°12'49"		1,500	43,2240	43,2240		
Irrradiado	2141	MUV	157°04'14"		90°32'48"		1,500	44,8770	44,8750		
Irrradiado	2142	MUV	173°17'12"		90°55'26"		1,000	84,9110	84,9000		
Irrradiado	2143	MCER	173°29'37"		91°10'52"		1,000	71,1320	71,1170		
Irrradiado	2144	CERV	173°32'35"		91°09'21"		1,000	66,8480	66,8350		
Irrradiado	2145	CERV	173°59'19"		90°34'46"		1,500	49,1590	49,1560		
Irrradiado	2146	CED	174°33'57"		90°40'31"		1,500	37,9150	37,9130		
Irrradiado	2147	MED	177°02'27"		90°49'32"		1,500	27,8530	27,8500		
Irrradiado	2148	MUD	177°06'03"		90°55'08"		1,500	26,8110	26,8070		
Irrradiado	2149	MED	177°11'06"		90°45'48"		1,500	25,2790	25,2770		
Irrradiado	2150	ED	179°16'38"		90°44'16"		1,500	13,0680	13,0670		
Irrradiado	2151	ED	180°32'35"		90°44'01"		1,500	10,4330	10,4320		
Irrradiado	2152	ED	182°44'16"		90°52'29"		1,500	7,9130	7,9120		
Irrradiado	2153	CA	332°50'15"		88°44'58"		1,500	3,1000	3,0990		
Irrradiado	2154	MU	337°16'00"		88°58'50"		1,500	4,0280	4,0280		
Irrradiado	2155	CED	339°07'16"		89°18'54"		1,500	4,5880	4,5880		
Irrradiado	2156	CA	345°12'03"		88°51'12"		1,500	8,7620	8,7610		
Irrradiado	2157	CA	346°42'13"		89°27'04"		1,500	9,4940	9,4940		
Irrradiado	2158	ED	352°06'12"		89°05'27"		1,500	19,9090	19,9060		
Irrradiado	2159	CA	352°52'31"		89°13'03"		1,500	23,3700	23,3680		
Irrradiado	2160	IGRE	349°01'48"		81°37'51"		1,500	23,8240	23,5700		
Irrradiado	2161	CA	354°32'00"		89°39'23"		1,500	30,5450	30,5440		
Irrradiado	2162	CA	354°32'03"		89°41'27"		1,500	30,5370	30,5370		
Irrradiado	2163	CA	354°36'03"		89°34'01"		1,500	37,7130	37,7120		
Irrradiado	2164	CA	354°37'11"		89°34'04"		1,500	38,7370	38,7360		
Irrradiado	2165	CED	354°43'30"		89°34'05"		1,500	47,2150	47,2140		
Irrradiado	2166	CED	354°49'32"		89°41'24"		1,500	48,6990	48,6980		
Irrradiado	2167	CA	355°30'18"		89°40'33"		1,500	48,7590	48,7580		
Irrradiado	2168	CED	355°45'35"		89°40'25"		1,500	56,1800	56,1790		
Irrradiado	2169	CERD	355°47'51"		89°40'26"		1,500	57,5830	57,5820		
Irrradiado	2170	CED	355°45'57"		89°43'09"		1,500	59,1040	59,1030		
Irrradiado	2171	ED	356°05'02"		89°46'55"		1,500	68,0160	68,0160		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL18		0°00'01"	180°00'18"	90°31'58"	269°27'35"	1,500	57,0250	57,0220		
Auxiliar	D20.1	A	265°40'31"	85°40'32"	88°08'36"	271°51'24"	1,500	95,2700	95,2200		
Auxiliar	D20.2	A	266°07'23"	86°07'28"	88°01'53"	271°58'21"	1,500	171,7070	171,6060		
Irrradiado	2172	EXP	264°56'50"		88°08'31"		1,500	96,3140	96,2630		
Irrradiado	2173	EXP	264°47'15"		88°03'19"		1,500	89,6010	89,5490		
Irrradiado	2174	MF	266°52'51"		88°09'18"		1,500	87,1530	87,1080		
Irrradiado	2175	MF	266°36'30"		88°09'29"		1,500	86,8920	86,8470		
Irrradiado	2176	MF	266°26'24"		88°09'53"		1,500	86,2390	86,1940		
Irrradiado	2177	MF	262°31'29"		88°03'57"		1,500	86,9060	86,8560		
Irrradiado	2178	MF	262°50'57"		88°09'51"		1,500	86,5030	86,4580		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2179	MF	263°00'41"		88°09'11"		1,500	85,6670	85,6220		
Irradiado	2180	MF	262°31'42"		88°13'29"		1,500	70,7780	70,7440		
Irradiado	2181	MF	266°32'51"		88°10'27"		1,500	70,4540	70,4180		
Irradiado	2182	EXP	264°31'37"		88°02'54"		1,500	70,5180	70,4770		
Irradiado	2183	EXP	264°05'25"		88°09'56"		1,500	51,2250	51,1980		
Irradiado	2184	MF	261°19'17"		88°16'54"		1,500	51,1880	51,1650		
Irradiado	2185	MF	266°53'18"		88°19'00"		1,500	50,6880	50,6660		
Irradiado	2186	MF	258°48'58"		88°28'16"		1,500	32,4080	32,3970		
Irradiado	2187	MF	267°30'34"		88°27'41"		1,500	31,4730	31,4620		
Irradiado	2188	EXP	262°44'24"		88°11'56"		1,500	31,4640	31,4490		
Irradiado	2189	EXP	259°16'43"		88°45'05"		1,500	13,0330	13,0300		
Irradiado	2190	MF	248°31'11"		89°25'50"		1,500	13,4040	13,4040		
Irradiado	2191	MF	270°06'03"		89°17'54"		1,500	12,6160	12,6160		
Irradiado	2192	MF	283°55'39"		93°33'39"		1,500	3,2150	3,2090		
Irradiado	2193	MF	199°16'59"		93°03'52"		1,500	4,4790	4,4730		
Irradiado	2194	MF	188°56'01"		93°26'02"		1,500	4,7190	4,7110		
Irradiado	2195	MF	184°24'11"		93°14'59"		1,500	5,6370	5,6280		
Irradiado	2196	MF	154°45'36"		91°04'59"		1,500	24,2300	24,2250		
Irradiado	2197	MF	176°21'17"		91°04'34"		1,500	22,8210	22,8170		
Irradiado	2198	EXP	164°49'46"		90°48'48"		1,500	22,8680	22,8650		
Irradiado	2199	EXP	168°43'33"		90°39'29"		1,500	40,6950	40,6930		
Irradiado	2200	MF	162°39'23"		90°44'25"		1,500	41,4100	41,4070		
Irradiado	2201	MF	175°07'50"		90°43'54"		1,500	40,4060	40,4030		
Irradiado	2202	MF	166°37'23"		90°32'02"		1,500	64,7600	64,7570		
Irradiado	2203	MF	174°34'08"		90°31'58"		1,500	64,1890	64,1860		
Irradiado	2204	EXP	171°02'22"		90°32'57"		1,500	64,2320	64,2290		
Irradiado	2205	EXP	171°11'59"		90°26'30"		1,500	81,8400	81,8370		
Irradiado	2206	MF	167°52'29"		90°32'39"		1,500	78,3650	78,3620		
Irradiado	2207	MF	167°27'56"		90°33'40"		1,500	78,9330	78,9300		
Irradiado	2208	MF	174°28'47"		90°28'43"		1,500	78,0700	78,0680		
Irradiado	2209	MF	174°28'37"		90°27'43"		1,500	78,5990	78,5970		
Irradiado	2210	MF	174°58'53"		90°27'56"		1,500	78,9250	78,9230		
Irradiado	2211	PC	166°06'52"		90°27'53"		1,500	63,1550	63,1530		
Irradiado	2212	PC	159°50'43"		90°35'48"		1,500	33,6690	33,6670		
Irradiado	2213	PC	86°53'49"		91°49'30"		1,500	8,0270	8,0230		
Irradiado	2214	IGRE	15°27'14"		90°31'15"		1,500	28,6600	28,6590		
Irradiado	2215	ED	146°48'13"		86°13'36"		2,500	20,1520	20,1080		
Irradiado	2216	ED	153°13'42"		90°12'09"		1,500	26,5700	26,5700		
Irradiado	2217	CA	154°39'15"		90°41'50"		1,500	26,4620	26,4600		
Irradiado	2218	CA	158°23'31"		90°34'58"		1,500	32,6720	32,6700		
Irradiado	2219	CA	158°45'43"		90°34'45"		1,500	33,5910	33,5890		
Irradiado	2220	ED	162°06'42"		90°29'07"		1,500	42,5960	42,5950		
Irradiado	2221	MED	163°02'07"		90°24'39"		1,500	46,4350	46,4340		
Irradiado	2222	MED	163°03'47"		90°22'19"		1,500	47,4890	47,4880		
Irradiado	2223	MED	165°48'41"		90°23'15"		1,500	63,4520	63,4500		
Irradiado	2224	MU	167°27'05"		90°23'47"		1,500	78,4030	78,4020		
Irradiado	2225	CA	175°19'22"		90°20'02"		1,500	76,6830	76,6820		
Irradiado	2226	MED	175°22'22"		90°23'04"		1,500	64,2020	64,2010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2227	MED	175°26'46"		90°26'19"		1,500	62,7160	62,7140		
Irradiado	2228	ED	175°37'09"		90°23'58"		1,500	58,2610	58,2590		
Irradiado	2229	MED	175°59'34"		90°15'52"		1,500	50,2020	50,2010		
Irradiado	2230	MUD	176°14'41"		90°28'11"		1,500	46,7710	46,7700		
Irradiado	2231	MUD	176°37'02"		90°28'58"		1,500	39,4830	39,4820		
Irradiado	2232	MED	176°32'43"		90°17'25"		1,500	38,4570	38,4570		
Irradiado	2233	ED	177°04'19"		90°12'10"		1,500	31,4950	31,4950		
Irradiado	2234	MED	177°41'40"		90°10'57"		1,500	26,9210	26,9210		
Irradiado	2235	MED	178°55'48"		90°40'49"		1,500	19,5410	19,5390		
Irradiado	2236	CA	194°14'30"		90°24'11"		1,500	4,9320	4,9320		
Irradiado	2237	CA	312°07'33"		88°46'31"		1,500	5,6520	5,6510		
Irradiado	2238	CA	283°19'38"		88°58'52"		1,500	4,1370	4,1360		
Irradiado	2239	CA	270°58'33"		88°15'24"		1,500	14,5690	14,5630		
Irradiado	2240	ED	273°52'58"		83°10'45"		3,500	14,8510	14,7450		
Irradiado	2241	MED	272°29'49"		87°21'01"		1,500	17,8060	17,7870		
Irradiado	2242	MED	268°49'56"		87°57'05"		1,500	35,8000	35,7770		
Irradiado	2243	MED	268°19'25"		88°00'06"		1,500	40,8750	40,8500		
Irradiado	2244	MUD	268°08'18"		87°56'26"		1,500	42,4790	42,4520		
Irradiado	2245	MED	267°09'57"		88°25'59"		1,000	70,6240	70,5980		
Irradiado	2246	CA	267°05'03"		88°20'03"		1,000	85,7540	85,7170		
Irradiado	2247	CA	262°27'20"		87°51'50"		1,500	85,8420	85,7820		
Irradiado	2248	CED	262°12'51"		88°24'47"		1,000	75,7920	75,7630		
Irradiado	2249	CED	261°50'20"		88°04'30"		1,500	67,8660	67,8280		
Irradiado	2250	CED	261°16'18"		87°31'35"		2,000	60,0930	60,0370		
Irradiado	2251	CERD	260°01'05"		87°56'44"		1,500	46,4770	46,4480		
Irradiado	2252	CED	239°19'29"		88°29'12"		1,500	10,4270	10,4240		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL17	E	1,670				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL18		0°00'00"	180°00'17"	90°01'32"	269°58'15"	1,500	138,7860	138,7860		
Auxiliar	D21	A	269°09'49"	89°09'43"	87°49'01"	272°10'51"	1,500	99,4310	99,3590		
Irradiado	2253	MF	271°50'53"		88°03'20"		1,500	50,3140	50,2850		
Irradiado	2254	MF	264°10'33"		87°43'04"		1,500	42,5860	42,5530		
Irradiado	2255	MF	265°53'28"		88°07'10"		1,500	42,0510	42,0290		
Irradiado	2256	EXP	269°09'26"		87°54'22"		1,500	40,8130	40,7860		
Irradiado	2257	MF	272°43'09"		88°06'34"		1,500	40,3220	40,3000		
Irradiado	2258	MF	276°19'32"		88°34'51"		1,500	20,6300	20,6230		
Irradiado	2259	MF	262°36'58"		88°41'37"		1,500	20,8190	20,8130		
Irradiado	2260	EXP	269°48'51"		88°07'28"		1,500	20,2680	20,2570		
Irradiado	2261	MF	298°25'01"		90°50'08"		1,500	5,9650	5,9650		
Irradiado	2262	MF	244°03'01"		91°25'24"		1,500	4,9980	4,9970		
Irradiado	2263	MF	237°18'31"		91°35'31"		1,500	4,2370	4,2360		
Irradiado	2264	MF	218°38'20"		91°07'13"		1,500	4,7010	4,7000		
Irradiado	2265	MF	118°19'17"		91°45'37"		1,500	6,7010	6,6980		
Irradiado	2266	MF	111°38'49"		91°58'03"		1,500	6,6650	6,6610		
Irradiado	2267	MF	108°37'58"		92°14'09"		1,500	7,0710	7,0660		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL17	E	1,670				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2268	MF	82°09'22"		91°07'27"		1,500	30,9510	30,9450		
Irradiado	2269	MF	95°06'59"		91°19'36"		1,500	30,4490	30,4410		
Irradiado	2270	EXT-EXP	88°30'49"		90°57'14"		1,500	30,1350	30,1310		
Irradiado	2271	BAT	82°07'22"		90°58'53"		1,500	31,9580	31,9530		
Irradiado	2272	BAT	95°11'50"		90°53'27"		1,500	31,7440	31,7400		
Irradiado	2273	BAT	84°42'47"		91°26'55"		1,500	47,4650	47,4490		
Irradiado	2274	BAT	94°01'57"		91°55'15"		1,500	47,0220	46,9960		
Irradiado	2275	EXT	89°06'31"		91°21'36"		1,500	46,9400	46,9270		
Irradiado	2276	EXT	88°59'12"		91°41'11"		1,500	61,6890	61,6620		
Irradiado	2277	BAT	86°36'14"		91°46'43"		1,500	62,1090	62,0790		
Irradiado	2278	BAT	93°07'09"		91°57'17"		1,500	60,8800	60,8450		
Irradiado	2279	CERV	93°39'48"		91°22'16"		1,500	60,6520	60,6350		
Irradiado	2280	CERV	85°55'53"		91°42'36"		1,500	67,1490	67,1190		
Irradiado	2281	CER	95°10'34"		91°17'12"		1,500	40,8900	40,8800		
Irradiado	2282	MCER	79°51'04"		90°39'35"		1,500	29,5950	29,5930		
Irradiado	2283	MCER	115°40'59"		89°34'14"		1,500	8,3480	8,3480		
Irradiado	2284	MF	186°41'39"		90°05'05"		1,500	21,9110	21,9110		
Irradiado	2285	MF	163°34'04"		90°03'42"		1,500	22,2960	22,2960		
Irradiado	2286	EXP	174°54'43"		89°47'36"		1,500	22,1570	22,1570		
Irradiado	2287	EXP	177°48'31"		89°42'11"		1,500	44,1800	44,1800		
Irradiado	2288	MF	182°28'09"		89°52'32"		1,500	44,1350	44,1350		
Irradiado	2289	MF	171°06'31"		89°50'25"		1,500	44,9390	44,9390		
Irradiado	2290	MF	181°12'27"		89°49'36"		1,500	65,6100	65,6100		
Irradiado	2291	MF	173°29'59"		89°50'14"		1,500	65,4820	65,4820		
Irradiado	2292	EXP	177°16'05"		89°38'39"		1,500	65,5920	65,5910		
Irradiado	2293	EXP	177°44'01"		89°42'08"		1,500	79,2030	79,2020		
Irradiado	2294	MF	180°56'51"		89°47'56"		1,500	73,9870	73,9870		
Irradiado	2295	MF	181°06'05"		89°44'27"		1,500	74,6180	74,6180		
Irradiado	2296	MF	181°39'35"		89°39'19"		1,500	74,7830	74,7820		
Irradiado	2297	MF	181°54'34"		89°40'58"		1,500	81,6630	81,6610		
Irradiado	2298	MF	181°02'56"		89°49'47"		1,500	81,8600	81,8590		
Irradiado	2299	MF	180°38'02"		89°49'48"		1,500	84,1030	84,1020		
Irradiado	2300	MF	174°57'38"		89°58'03"		1,500	94,2380	94,2380		
Irradiado	2301	MF	180°41'18"		89°50'10"		1,500	84,1230	84,1220		
Irradiado	2302	EXP	177°40'41"		89°48'28"		1,500	93,3740	93,3730		
Irradiado	2303	MF	180°27'16"		89°53'48"		1,500	93,2450	93,2450		
Irradiado	2304	MF	175°29'38"		90°01'10"		1,500	108,3110	108,3110		
Irradiado	2305	MF	175°22'10"		90°01'14"		1,500	109,3110	109,3110		
Irradiado	2306	MF	174°54'50"		90°04'17"		1,500	109,7230	109,7230		
Irradiado	2307	EXP	178°02'23"		89°55'48"		1,500	112,0900	112,0900		
Irradiado	2308	PC	175°11'20"		89°54'04"		1,500	105,1900	105,1900		
Irradiado	2309	TP	174°04'10"		89°45'21"		1,500	84,3950	84,3940		
Irradiado	2310	PC	173°30'05"		89°41'27"		1,500	70,3330	70,3320		
Irradiado	2311	PC	169°55'30"		89°36'07"		1,500	40,6670	40,6660		
Irradiado	2312	PC	147°20'46"		89°31'41"		1,500	11,6060	11,6060		
Irradiado	2313	MU	120°02'25"		89°50'11"		1,500	7,3960	7,3960		
Irradiado	2314	MU	163°47'43"		89°37'18"		1,500	25,1670	25,1660		
Irradiado	2315	MED	169°32'32"		89°34'58"		1,500	41,7780	41,7770		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL17	E	1,670				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2316	MED	171°32'40"		89°42'50"		1,500	54,3760	54,3750		
Irradiado	2317	MED	171°47'38"		89°42'48"		1,500	58,3620	58,3610		
Irradiado	2318	CA	172°47'33"		89°38'33"		1,500	70,3390	70,3380		
Irradiado	2319	CA	173°08'14"		89°29'52"		1,500	71,1970	71,1950		
Irradiado	2320	ED	173°44'20"		89°35'07"		1,500	80,8500	80,8470		
Irradiado	2321	ED	173°56'41"		90°17'53"		0,500	85,8700	85,8680		
Irradiado	2322	ED	174°05'10"		90°21'08"		0,500	88,9020	88,9000		
Irradiado	2323	MED	174°19'17"		89°48'15"		1,500	92,8100	92,8090		
Irradiado	2324	MED	174°28'22"		89°53'48"		1,500	97,0310	97,0310		
Irradiado	2325	CA	174°49'16"		89°53'58"		1,500	108,4690	108,4690		
Irradiado	2326	CA	182°00'32"		89°29'47"		1,500	71,8970	71,8940		
Irradiado	2327	ED	182°12'51"		89°29'47"		1,500	66,3510	66,3480		
Irradiado	2328	MED	182°26'18"		89°37'32"		1,500	56,5400	56,5390		
Irradiado	2329	MED	185°27'57"		89°31'24"		1,500	36,0730	36,0720		
Irradiado	2330	ED	193°09'56"		89°22'55"		1,500	17,2170	17,2160		
Irradiado	2331	CA	232°44'52"		88°23'42"		1,500	5,2900	5,2880		
Irradiado	2332	MED	251°22'56"		88°07'46"		1,500	11,4500	11,4440		
Irradiado	2333	MUD	258°03'47"		88°04'36"		1,500	18,1610	18,1500		
Irradiado	2334	MU	264°04'32"		86°44'21"		1,500	42,7630	42,6940		
Irradiado	2335	MED	262°01'58"		85°34'30"		2,000	42,8970	42,7690		
Irradiado	2336	MED	263°26'53"		85°51'43"		4,000	61,8900	61,7290		
Irradiado	2337	MU	265°14'09"		87°44'54"		1,500	62,0860	62,0380		
Irradiado	2338	MED	265°54'30"		87°34'42"		1,500	74,7580	74,6920		
Irradiado	2339	MED	266°13'25"		87°40'35"		1,500	83,3650	83,2960		
Irradiado	2340	MU	266°21'34"		87°40'32"		1,500	87,7220	87,6500		
Irradiado	2341	MU	271°51'18"		87°23'21"		1,700	63,2630	63,1970		
Irradiado	2342	MU	272°22'54"		87°10'43"		2,000	50,5990	50,5370		
Irradiado	2343	MED	274°07'00"		87°46'20"		1,500	49,1400	49,1020		
Irradiado	2344	MED	275°01'08"		85°49'05"		2,500	41,9060	41,7950		
Irradiado	2345	MU	274°25'38"		88°01'45"		1,500	38,8920	38,8690		
Irradiado	2346	MU	281°45'46"		85°41'05"		2,000	17,9240	17,8730		
Irradiado	2347	CA	306°01'40"		89°35'12"		1,500	6,9040	6,9040		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL16	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL17		0°00'00"	180°00'10"	90°06'26"	269°53'50"	1,500	142,9240	142,9240		
Auxiliar	D22	A	1°12'03"	181°12'05"	89°46'25"	270°13'12"	1,500	63,3840	63,3830		
Auxiliar	D23	A	357°19'30"	177°19'45"	89°58'44"	270°00'35"	1,500	31,0980	31,0980		
Auxiliar	D24	A	280°24'52"	100°24'47"	87°39'35"	272°20'47"	1,500	89,9270	89,8520		
Auxiliar	D25	A	181°02'44"	1°02'30"	90°39'44"	269°20'15"	1,500	66,2320	66,2280		
Irradiado	2348	MF	191°37'35"		90°38'57"		1,500	66,9520	66,9480		
Irradiado	2349	MF	190°59'46"		90°38'55"		1,500	66,3400	66,3360		
Irradiado	2350	MF	190°39'53"		90°39'06"		1,500	65,2310	65,2270		
Irradiado	2351	MF	181°27'39"		90°47'55"		1,500	66,2820	66,2760		
Irradiado	2352	MF	182°26'46"		90°50'16"		1,500	65,6930	65,6860		
Irradiado	2353	MF	182°40'35"		90°52'11"		1,500	64,4080	64,4010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL16	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2354	EXP	185°56'30"		90°42'06"		1,500	69,6090	69,6040		
Irradiado	2355	MF	194°38'38"		90°44'22"		1,500	42,9630	42,9600		
Irradiado	2356	EXP	188°42'15"		90°43'45"		1,500	41,6460	41,6430		
Irradiado	2357	MF	182°47'37"		90°54'52"		1,500	40,8540	40,8490		
Irradiado	2358	MF	182°50'54"		91°16'43"		1,500	20,6800	20,6750		
Irradiado	2359	EXP	195°32'27"		90°56'30"		1,500	20,6060	20,6030		
Irradiado	2360	MF	207°12'56"		90°56'35"		1,500	21,5730	21,5700		
Irradiado	2361	MF	279°50'25"		90°57'20"		1,500	9,1030	9,1020		
Irradiado	2362	MF	286°06'28"		90°30'28"		1,500	10,7370	10,7370		
Irradiado	2363	MF	285°02'40"		90°55'56"		1,500	9,8340	9,8330		
Irradiado	2364	MF	304°13'32"		90°15'27"		1,500	15,0620	15,0610		
Irradiado	2365	MF	314°04'38"		90°21'35"		1,500	13,9050	13,9050		
Irradiado	2366	MF	323°53'27"		90°21'12"		1,500	14,4060	14,4060		
Irradiado	2367	EXP	322°58'37"		90°10'18"		1,500	6,6220	6,6220		
Irradiado	2368	MF	1°24'48"		91°23'59"		1,500	7,4520	7,4500		
Irradiado	2369	MF	2°08'21"		90°20'48"		1,500	26,1560	26,1550		
Irradiado	2370	MF	342°51'29"		90°04'21"		1,500	26,8200	26,8200		
Irradiado	2371	MF	337°11'48"		90°13'18"		1,500	20,9830	20,9820		
Irradiado	2372	CA	27°43'09"		89°25'00"		1,500	3,5710	3,5710		
Irradiado	2373	MED	49°29'24"		89°22'50"		1,500	4,7350	4,7350		
Irradiado	2374	MED	66°23'02"		89°42'27"		1,500	3,9140	3,9140		
Irradiado	2375	MED	154°08'59"		89°52'16"		1,500	7,3500	7,3500		
Irradiado	2376	MUD	161°45'30"		90°27'11"		1,500	9,4980	9,4980		
Irradiado	2377	MED	164°12'40"		90°29'43"		1,500	11,0540	11,0540		
Irradiado	2378	MED	170°16'06"		90°24'35"		1,500	16,6550	16,6540		
Irradiado	2379	MED	171°42'47"		90°21'04"		1,500	18,4250	18,4240		
Irradiado	2380	CA	178°03'45"		90°36'53"		1,500	18,1260	18,1250		
Irradiado	2381	CA	179°27'17"		90°38'08"		1,500	24,8290	24,8270		
Irradiado	2382	CA	179°44'40"		90°44'04"		1,500	26,9030	26,9010		
Irradiado	2383	CA	180°40'58"		90°41'01"		1,500	37,0020	37,0000		
Irradiado	2384	CA	180°35'58"		90°33'58"		1,500	39,1160	39,1140		
Irradiado	2385	CA	180°44'32"		90°37'11"		1,500	45,5630	45,5610		
Irradiado	2386	CA	192°49'23"		91°34'53"		0,100	65,8840	65,8590		
Irradiado	2387	ED	196°47'20"		90°23'23"		1,500	48,5570	48,5550		
Irradiado	2388	ED	197°26'53"		90°14'53"		1,500	45,1380	45,1380		
Irradiado	2389	MED	206°40'54"		90°26'06"		1,500	28,5610	28,5600		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D23	E	1,668				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL16		0°00'00"	180°00'19"	90°29'21"	269°29'35"	1,500	31,1010	31,1000		
Irradiado	2390	MF	247°07'46"		94°32'18"		1,500	5,0110	4,9960		
Irradiado	2391	MF	313°13'57"		94°18'59"		1,500	6,4360	6,4180		
Irradiado	2392	MF	303°46'41"		93°54'46"		1,500	8,2330	8,2140		
Irradiado	2393	MF	261°22'36"		93°26'31"		1,500	9,0880	9,0720		
Irradiado	2394	BAT	262°57'24"		93°02'10"		1,500	10,8780	10,8630		
Irradiado	2395	BAT	295°06'51"		92°32'55"		1,500	11,3730	11,3620		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D23	E	1,668				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	2396	EXT	277°42'35"		93°41'39"		1,500	10,6520	10,6300		
Irrradiado	2397	EXT	275°22'06"		92°08'57"		1,500	26,7120	26,6930		
Irrradiado	2398	BAT	279°56'53"		91°37'13"		1,500	27,1020	27,0910		
Irrradiado	2399	BAT	270°35'28"		91°43'45"		1,500	26,3900	26,3780		
Irrradiado	2400	BAT	271°03'19"		91°35'21"		1,500	44,7810	44,7640		
Irrradiado	2401	BAT	277°19'32"		91°42'02"		1,500	45,4280	45,4080		
Irrradiado	2402	EXT	273°52'17"		91°41'43"		1,500	44,8640	44,8450		
Irrradiado	2403	CERD	278°28'27"		91°39'31"		1,500	40,7150	40,6980		
Irrradiado	2404	CA	266°37'35"		91°19'55"		1,500	22,9060	22,9000		
Irrradiado	2405	CER	291°39'46"		92°08'46"		1,500	14,1000	14,0910		
Irrradiado	2406	CED	296°11'04"		92°08'38"		1,500	14,3690	14,3590		
Irrradiado	2407	CA	327°46'57"		91°32'48"		1,500	6,8200	6,8180		
Irrradiado	2408	ED	342°51'59"		90°51'27"		1,500	10,5750	10,5740		
Irrradiado	2409	ED	352°53'59"		90°28'18"		1,500	18,8200	18,8190		
Irrradiado	2410	ED	355°25'03"		90°21'41"		1,500	23,2680	23,2670		
Irrradiado	2411	PC	359°14'06"		90°23'32"		1,500	29,1050	29,1040		
Irrradiado	2412	PC	2°28'37"		90°32'16"		1,500	64,7750	64,7720		
Irrradiado	2413	PC	3°15'18"		90°30'45"		1,500	96,3630	96,3590		
Irrradiado	2414	ARV	9°47'05"		90°26'23"		1,500	82,6240	82,6210		
Irrradiado	2415	ARV	2°56'30"		90°37'07"		1,500	75,9110	75,9070		
Irrradiado	2416	ARV	10°37'16"		90°28'43"		1,500	68,6230	68,6210		
Irrradiado	2417	MU	17°50'09"		90°10'05"		1,500	41,1840	41,1840		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D25	E	1,582				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL16		0°00'00"	180°00'10"	89°28'59"	270°30'59"	1,500	66,2250	66,2220		
Irrradiado	2418	MED	2°46'46"		89°21'31"		1,500	20,6120	20,6100		
Irrradiado	2419	MED	2°51'09"		89°21'22"		1,500	19,7450	19,7430		
Irrradiado	2420	CA	13°01'54"		87°32'19"		1,500	3,2470	3,2440		
Irrradiado	2421	MF	192°01'46"		90°10'08"		1,500	10,6820	10,6820		
Irrradiado	2422	MF	189°32'24"		90°25'32"		1,500	9,4440	9,4440		
Irrradiado	2423	MF	181°47'29"		90°26'19"		1,500	8,9270	8,9270		
Irrradiado	2424	MF	93°04'53"		91°31'43"		1,500	16,3660	16,3600		
Irrradiado	2425	MF	89°20'01"		91°00'44"		1,500	18,3990	18,3960		
Irrradiado	2426	MF	84°15'43"		90°15'41"		1,500	20,0270	20,0260		
Irrradiado	2427	MF	119°08'11"		91°23'48"		1,500	19,6290	19,6230		
Irrradiado	2428	MF	85°39'43"		90°21'14"		1,500	24,1730	24,1720		
Irrradiado	2429	MF	90°05'15"		90°55'31"		1,500	25,0290	25,0260		
Irrradiado	2430	MF	92°42'55"		91°15'36"		1,500	27,1430	27,1360		
Irrradiado	2431	MF	108°04'52"		91°13'10"		1,500	32,5790	32,5720		
Irrradiado	2432	MF	92°42'54"		91°09'27"		1,500	31,6310	31,6250		
Irrradiado	2433	EXT	102°04'52"		90°52'31"		1,500	31,8320	31,8280		
Irrradiado	2434	BAT	107°15'40"		90°48'58"		1,500	34,2040	34,2010		
Irrradiado	2435	BAT	92°50'56"		90°48'52"		1,500	33,1250	33,1220		
Irrradiado	2436	BAT	103°13'50"		90°41'31"		1,500	50,1050	50,1010		
Irrradiado	2437	BAT	96°32'57"		90°47'27"		1,500	51,1090	51,1040		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D25	E	1,582				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2438	EXT	99°36'55"		90°56'00"		1,500	51,0550	51,0480		
Irradiado	2439	EXT	99°37'10"		91°06'55"		1,500	72,4560	72,4430		
Irradiado	2440	BAT	101°33'37"		91°12'15"		1,500	72,7770	72,7610		
Irradiado	2441	BAT	96°57'14"		91°07'31"		1,500	72,5750	72,5610		
Irradiado	2442	CERD	103°10'43"		91°25'50"		1,500	66,0060	65,9850		
Irradiado	2443	CER	96°20'44"		91°22'17"		1,500	71,0990	71,0790		
Irradiado	2444	CER	91°13'18"		91°58'41"		1,000	49,1670	49,1370		
Irradiado	2445	CED	88°46'18"		91°39'50"		1,000	48,1490	48,1280		
Irradiado	2446	CED	116°32'28"		90°37'01"		1,500	25,9530	25,9510		
Irradiado	2447	MED	82°48'29"		90°00'06"		1,500	20,3900	20,3900		
Irradiado	2448	MF	236°00'24"		89°56'23"		1,500	13,5950	13,5950		
Irradiado	2449	MF	242°55'23"		90°05'35"		1,500	12,9620	12,9620		
Irradiado	2450	MF	250°29'22"		89°46'15"		1,500	14,4900	14,4900		
Irradiado	2451	MF	261°13'27"		88°21'01"		1,500	28,5370	28,5250		
Irradiado	2452	MF	271°27'39"		88°20'37"		1,500	27,5320	27,5200		
Irradiado	2453	EXP	266°26'42"		87°58'05"		1,500	28,1440	28,1260		
Irradiado	2454	EXP	268°49'57"		87°27'30"		1,500	51,3020	51,2510		
Irradiado	2455	MF	266°04'27"		87°37'55"		1,500	51,8770	51,8320		
Irradiado	2456	MF	271°31'02"		87°38'29"		1,500	51,2910	51,2470		
Irradiado	2457	PC	271°59'23"		87°16'51"		1,500	71,0880	71,0080		
Irradiado	2458	MF	271°36'03"		87°26'22"		1,500	72,1220	72,0500		
Irradiado	2459	MF	267°40'28"		87°26'02"		1,500	72,7250	72,6520		
Irradiado	2460	EXP	269°39'43"		87°16'34"		1,500	72,1190	72,0380		
Irradiado	2461	MF	272°23'24"		87°17'32"		1,500	85,0940	84,9990		
Irradiado	2462	MF	271°35'01"		87°18'30"		1,500	84,1780	84,0850		
Irradiado	2463	MF	271°38'08"		87°20'52"		1,500	83,2650	83,1750		
Irradiado	2464	MF	267°50'32"		87°21'05"		1,500	85,9450	85,8530		
Irradiado	2465	MF	268°05'56"		87°21'20"		1,500	85,3310	85,2400		
Irradiado	2466	MF	268°13'53"		87°21'21"		1,500	84,2540	84,1640		
Irradiado	2467	MU	267°45'24"		87°10'29"		1,500	84,3580	84,2550		
Irradiado	2468	MU	272°37'08"		87°09'02"		1,500	83,8740	83,7700		
Irradiado	2469	MUD	264°51'02"		87°20'58"		1,500	51,6670	51,6110		
Irradiado	2470	MED	264°25'55"		87°21'33"		1,500	48,9470	48,8950		
Irradiado	2471	MED	263°21'13"		87°22'49"		1,500	42,5530	42,5090		
Irradiado	2472	MCER	262°19'08"		87°25'05"		1,500	39,1590	39,1190		
Irradiado	2473	MED	273°50'32"		87°25'08"		1,500	38,5550	38,5160		
Irradiado	2474	CED	258°28'53"		87°28'39"		1,500	27,4530	27,4260		
Irradiado	2475	CA	253°00'06"		87°01'38"		1,500	19,8320	19,8050		
Irradiado	2476	CA	238°15'09"		86°35'03"		1,500	22,6890	22,6480		
Irradiado	2477	MF	207°28'49"		89°04'01"		1,500	25,4080	25,4040		
Irradiado	2478	EXP	197°40'08"		88°32'30"		1,500	24,2310	24,2230		
Irradiado	2479	MF	186°31'33"		89°04'08"		1,500	23,9280	23,9250		
Irradiado	2480	MF	194°37'21"		88°37'11"		1,500	49,6610	49,6460		
Irradiado	2481	MF	184°15'45"		88°37'29"		1,500	48,8530	48,8380		
Irradiado	2482	EXP	189°19'25"		88°16'07"		1,500	49,0530	49,0300		
Irradiado	2483	MF	190°23'00"		88°28'19"		1,500	74,5990	74,5730		
Irradiado	2484	MF	183°35'43"		88°30'19"		1,500	74,6980	74,6730		
Irradiado	2485	MF	186°04'10"		88°32'18"		1,500	85,3430	85,3150		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D25	E	1,582				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	2486	CA	191°29'07"		88°04'50"		1,500	83,2300	83,1830		
Irrradiado	2487	ED	193°59'39"		88°11'15"		1,500	66,0630	66,0300		
Irrradiado	2488	ED	196°55'24"		88°08'14"		1,500	53,1760	53,1480		
Irrradiado	2489	ED	201°52'59"		88°01'49"		1,500	39,5470	39,5240		
Irrradiado	2490	ED	206°18'35"		87°11'53"		1,500	33,0190	32,9800		
Irrradiado	2491	CA	214°17'32"		85°36'58"		1,500	25,5930	25,5180		
Irrradiado	2492	MED	162°24'19"		89°25'14"		1,500	11,3070	11,3070		
Irrradiado	2493	MU	183°01'02"		89°04'45"		1,500	10,7070	10,7060		
Irrradiado	2494	PC	184°42'06"		88°24'32"		1,500	32,3550	32,3430		
Irrradiado	2495	PC	183°23'49"		88°18'22"		1,500	68,3900	68,3600		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL15	E	1,667				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL14		0°00'00"	180°00'15"	86°33'33"	273°26'23"	1,500	90,5980	90,4350		
Irrradiado	2496	MED	98°58'52"		91°31'14"		1,500	41,3140	41,3000		
Irrradiado	2497	MED	101°50'49"		91°35'18"		1,500	31,4640	31,4520		
Irrradiado	2498	MED	105°35'28"		91°32'43"		1,500	23,7090	23,7000		
Irrradiado	2499	ED	121°32'41"		90°53'09"		1,500	13,0190	13,0180		
Irrradiado	2500	CA	171°14'41"		90°43'28"		1,500	6,7930	6,7930		
Irrradiado	2501	PC	182°21'52"		93°25'54"		1,500	11,3120	11,2920		
Irrradiado	2502	MF	167°37'00"		93°40'34"		1,500	5,3030	5,2920		
Irrradiado	2503	MF	181°55'42"		93°32'56"		1,500	6,4390	6,4270		
Irrradiado	2504	MF	178°04'12"		92°58'28"		1,500	6,6140	6,6050		
Irrradiado	2505	MF	247°51'46"		91°07'55"		1,500	12,6210	12,6190		
Irrradiado	2506	MF	245°44'10"		91°22'05"		1,500	11,7680	11,7650		
Irrradiado	2507	MF	240°19'27"		91°23'23"		1,500	12,4590	12,4560		
Irrradiado	2508	MF	181°28'59"		93°11'38"		1,500	15,3100	15,2860		
Irrradiado	2509	MF	215°43'35"		92°50'03"		1,500	18,8390	18,8160		
Irrradiado	2510	EXP	200°52'37"		93°25'26"		1,500	17,2510	17,2200		
Irrradiado	2511	EXP	194°56'38"		93°28'14"		1,500	29,0840	29,0310		
Irrradiado	2512	MF	202°19'43"		93°21'13"		1,500	29,4260	29,3760		
Irrradiado	2513	MF	187°08'54"		93°14'08"		1,500	28,7930	28,7470		
Irrradiado	2514	BAT	191°23'31"		92°50'31"		1,500	48,2400	48,1800		
Irrradiado	2515	BAT	200°14'47"		93°20'42"		1,500	50,3810	50,2950		
Irrradiado	2516	EXT	195°07'47"		92°51'28"		1,500	49,8870	49,8250		
Irrradiado	2517	EXA	195°16'09"		92°58'21"		1,500	66,1400	66,0510		
Irrradiado	2518	BAT	193°03'07"		93°00'14"		1,500	66,0780	65,9870		
Irrradiado	2519	BAT	197°48'57"		92°56'34"		1,500	66,3860	66,2990		
Irrradiado	2520	BAT	197°18'40"		92°54'07"		1,500	87,7800	87,6670		
Irrradiado	2521	BAT	193°26'44"		92°51'17"		1,500	87,9690	87,8600		
Irrradiado	2522	EXT	195°31'57"		92°56'29"		1,500	87,4320	87,3170		
Irrradiado	2523	CER	197°49'31"		92°56'37"		1,500	84,2200	84,1090		
Irrradiado	2524	CER	193°01'54"		92°57'36"		1,500	83,6960	83,5840		
Irrradiado	2525	CERD	192°13'02"		93°05'57"		1,500	66,1390	66,0420		
Irrradiado	2526	CED	206°17'29"		92°56'00"		1,500	30,0650	30,0260		
Irrradiado	2527	CER	200°43'20"		93°10'23"		1,500	48,1560	48,0820		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL15	E	1,667				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2528	MCER	186°20'18"		93°11'48"		1,500	31,2980	31,2490		
Irradiado	2529	MED	178°42'41"		93°00'48"		1,500	18,0750	18,0500		
Irradiado	2530	MF	315°09'37"		94°31'13"		1,500	4,4560	4,4420		
Irradiado	2531	MF	5°48'16"		89°45'50"		1,500	7,0110	7,0110		
Irradiado	2532	MF	12°53'34"		91°56'24"		1,500	4,9930	4,9900		
Irradiado	2533	MF	31°00'12"		92°57'55"		1,500	4,4330	4,4270		
Irradiado	2534	MF	320°39'54"		92°55'58"		1,500	4,7050	4,6990		
Irradiado	2535	MF	350°30'57"		87°23'04"		1,500	17,9240	17,9050		
Irradiado	2536	MF	348°54'52"		87°25'58"		1,500	19,0330	19,0140		
Irradiado	2537	MF	1°41'47"		87°14'26"		1,500	21,3640	21,3390		
Irradiado	2538	MF	3°46'51"		87°14'53"		1,500	21,7420	21,7170		
Irradiado	2539	EXP	356°48'07"		86°54'14"		1,500	21,1170	21,0860		
Irradiado	2540	MF	353°55'12"		87°08'22"		1,500	30,8440	30,8060		
Irradiado	2541	MF	3°17'00"		87°08'28"		1,500	30,7690	30,7310		
Irradiado	2542	MF	356°54'57"		86°55'13"		1,500	50,0440	49,9710		
Irradiado	2543	MF	2°34'45"		86°55'18"		1,500	49,4700	49,3980		
Irradiado	2544	EXP	359°55'44"		86°40'39"		1,500	50,2830	50,1980		
Irradiado	2545	MF	358°15'59"		86°47'29"		1,500	68,9710	68,8630		
Irradiado	2546	MF	2°16'56"		86°45'25"		1,500	70,6150	70,5020		
Irradiado	2547	EXP	0°29'03"		86°33'59"		1,500	81,5780	81,4310		
Irradiado	2548	MF	358°06'16"		86°42'49"		1,500	78,6410	78,5120		
Irradiado	2549	MF	358°30'46"		86°45'28"		1,500	78,4280	78,3030		
Irradiado	2550	MF	358°38'08"		86°45'14"		1,500	77,8570	77,7330		
Irradiado	2551	MF	2°35'54"		86°40'34"		1,500	78,7850	78,6530		
Irradiado	2552	MF	2°14'44"		86°42'22"		1,500	78,7260	78,5960		
Irradiado	2553	MF	2°15'06"		86°44'47"		1,500	77,8670	77,7420		
Irradiado	2554	TP	3°19'37"		86°29'47"		1,500	76,6270	76,4840		
Irradiado	2555	CA	357°49'31"		86°33'38"		1,500	77,1570	77,0180		
Irradiado	2556	MED	357°37'33"		86°35'44"		1,500	72,2170	72,0900		
Irradiado	2557	CA	3°25'01"		86°29'25"		1,500	74,3730	74,2340		
Irradiado	2558	MED	4°08'12"		86°33'10"		1,500	63,7050	63,5900		
Irradiado	2559	MUD	4°11'13"		86°33'07"		1,500	52,8220	52,7260		
Irradiado	2560	MUD	355°57'29"		86°37'02"		1,500	48,4980	48,4130		
Irradiado	2561	MED	354°46'24"		86°39'25"		1,500	40,0720	40,0040		
Irradiado	2562	MED	353°31'57"		86°42'08"		1,500	33,7360	33,6800		
Irradiado	2563	MED	346°41'00"		86°26'02"		1,500	18,4460	18,4100		
Irradiado	2564	MED	4°14'23"		86°39'49"		1,500	32,5270	32,4720		
Irradiado	2565	ED	5°19'01"		78°42'39"		1,500	21,7140	21,2940		
Irradiado	2566	CA	4°01'51"		86°28'14"		1,500	21,1910	21,1510		
Irradiado	2567	CA	312°42'49"		82°26'54"		1,500	6,2430	6,1890		
Irradiado	2568	MF	279°30'49"		90°14'38"		1,500	19,6320	19,6310		
Irradiado	2569	MF	257°13'45"		90°10'38"		1,500	21,2850	21,2850		
Irradiado	2570	EXP	268°13'27"		89°32'38"		1,500	20,4470	20,4460		
Irradiado	2571	EXP	268°42'36"		89°12'31"		1,500	43,1370	43,1330		
Irradiado	2572	MF	264°11'37"		89°30'29"		1,500	44,2430	44,2420		
Irradiado	2573	MF	274°30'26"		89°30'13"		1,500	43,7030	43,7020		
Irradiado	2574	MF	266°28'20"		89°24'59"		1,500	67,3800	67,3770		
Irradiado	2575	MF	273°01'38"		89°29'48"		1,500	67,7260	67,7240		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL15	E	1,667				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	2576	EXP	269°56'21"		89°14'30"		1,500	67,9430	67,9370		
Irrradiado	2577	MF	272°21'44"		89°29'41"		1,500	93,6150	93,6110		
Irrradiado	2578	MF	270°47'44"		89°35'51"		1,500	94,6130	94,6110		
Irrradiado	2579	MF	267°23'45"		89°35'16"		1,500	89,1050	89,1020		
Irrradiado	2580	MF	267°17'11"		89°31'52"		1,500	90,4150	90,4120		
Irrradiado	2581	MF	266°52'28"		89°29'13"		1,500	91,4110	91,4070		
Irrradiado	2582	MF	268°23'19"		89°41'33"		1,500	96,7270	96,7260		
Irrradiado	2583	PC	267°09'07"		89°27'41"		1,500	89,9580	89,9540		
Irrradiado	2584	MED	266°21'20"		89°17'21"		1,500	80,8920	80,8850		
Irrradiado	2585	ED	265°59'26"		89°17'27"		1,500	76,0270	76,0220		
Irrradiado	2586	ED	265°41'40"		89°14'00"		1,500	71,2590	71,2530		
Irrradiado	2587	ED	265°18'56"		89°07'26"		1,500	66,6140	66,6060		
Irrradiado	2588	ED	264°48'18"		89°07'28"		1,500	61,3950	61,3880		
Irrradiado	2589	MED	262°26'14"		89°05'05"		1,500	44,3370	44,3320		
Irrradiado	2590	MED	259°20'05"		89°15'25"		1,500	31,2200	31,2170		
Irrradiado	2591	ED	256°42'35"		89°13'31"		1,500	26,0530	26,0500		
Irrradiado	2592	CA	244°03'18"		89°30'14"		1,500	13,9340	13,9340		
Irrradiado	2593	PC	253°35'10"		89°30'13"		1,500	18,1020	18,1010		
Irrradiado	2594	PC	264°21'05"		89°08'13"		1,500	49,0080	49,0020		
Irrradiado	2595	MED	284°44'07"		89°08'27"		1,500	17,3280	17,3260		
Irrradiado	2596	MUD	279°34'06"		89°08'32"		1,500	28,4600	28,4570		
Irrradiado	2597	MED	276°20'32"		87°21'24"		3,000	51,7360	51,6810		
Irrradiado	2598	CA	275°21'19"		88°49'47"		1,500	68,8800	68,8660		
Irrradiado	2599	PC	2°39'35"		86°37'56"		1,500	57,1560	57,0570		
Irrradiado	2600	PC	2°54'08"		86°38'06"		1,500	20,4620	20,4260		
Auxiliar	RN5	A	270°55'16"	90°55'31"	89°07'36"	270°52'31"	1,500	96,4160	96,4050		
Auxiliar	D26	A	268°30'57"	88°30'35"	88°34'57"	271°25'12"	1,500	118,9940	118,9570		
Auxiliar	D27	A	272°27'31"	92°27'24"	89°24'45"	270°34'59"	1,500	92,8100	92,8050		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26	E	1,397				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL15		359°59'59"	179°59'55"	91°26'40"	268°33'20"	1,500	119,0080	118,9700		
Auxiliar	D26.1	A	106°03'09"	286°03'16"	95°08'42"	264°50'56"	1,500	62,8040	62,5510		
Auxiliar	D26.2	A	92°38'41"	272°38'53"	93°42'26"	266°17'17"	1,500	139,6110	139,3190		
Irrradiado	2601	MF	22°27'37"		97°20'44"		1,500	19,7190	19,5570		
Irrradiado	2602	MF	27°32'16"		97°17'32"		1,500	18,5510	18,4010		
Irrradiado	2603	MF	29°23'37"		97°42'01"		1,500	15,4610	15,3210		
Irrradiado	2604	MF	55°09'02"		97°13'30"		1,500	21,5980	21,4260		
Irrradiado	2605	MF	51°16'33"		97°13'02"		1,500	20,6530	20,4890		
Irrradiado	2606	MF	48°55'17"		97°12'50"		1,500	18,6190	18,4710		
Irrradiado	2607	MF	51°40'20"		97°38'33"		1,500	12,8630	12,7490		
Irrradiado	2608	BAT	39°12'44"		98°24'51"		1,500	12,1690	12,0380		
Irrradiado	2609	MF	26°57'16"		98°02'17"		1,500	12,4930	12,3710		
Irrradiado	2610	MF	57°34'54"		97°12'24"		1,500	6,4110	6,3610		
Irrradiado	2611	MF	60°13'28"		97°59'06"		1,500	3,1010	3,0710		
Irrradiado	2612	MF	2°26'05"		96°01'48"		1,500	6,0120	5,9790		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26	E	1,397				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2613	BAT	19°48'48"		99°05'39"		1,500	4,0350	3,9840		
Irradiado	2614	MF	61°21'34"		103°50'54"		1,500	1,0420	1,0120		
Irradiado	2615	MF	325°51'57"		92°37'29"		1,500	5,1380	5,1330		
Irradiado	2616	MF	249°55'12"		88°09'49"		1,500	2,7930	2,7920		
Irradiado	2617	MF	256°35'28"		86°05'01"		1,500	5,9340	5,9200		
Irradiado	2618	MF	302°36'32"		88°10'29"		1,500	6,4500	6,4470		
Irradiado	2619	PC	249°31'14"		84°22'52"		1,500	4,8500	4,8270		
Irradiado	2620	MU	253°13'24"		84°12'06"		1,500	6,0910	6,0600		
Irradiado	2621	MU	271°17'22"		87°25'48"		1,500	33,1240	33,0910		
Irradiado	2622	MU	350°10'40"		93°25'25"		1,500	24,8060	24,7620		
Irradiado	2623	HOSP	287°42'01"		86°34'27"		1,500	11,8750	11,8540		
Irradiado	2624	HOSP	334°57'36"		88°35'03"		1,500	23,9900	23,9820		
Irradiado	2625	BAT	258°54'04"		84°43'18"		1,500	28,7340	28,6120		
Irradiado	2626	BAT	244°29'39"		84°37'44"		1,500	30,8950	30,7590		
Irradiado	2627	BAT	263°03'59"		85°56'37"		1,500	32,7160	32,6340		
Irradiado	2628	BAT	260°44'47"		84°44'12"		1,500	32,7860	32,6480		
Irradiado	2629	BAT	222°04'24"		85°01'16"		1,500	15,7910	15,7310		
Irradiado	2630	BAT	248°54'22"		85°55'25"		1,500	10,5380	10,5120		
Irradiado	2631	BAT	263°26'54"		85°49'41"		1,500	20,8560	20,8000		
Irradiado	2632	BAT	258°24'15"		85°23'59"		1,500	15,4900	15,4400		
Irradiado	2633	EXT	232°41'26"		84°32'24"		1,500	12,8780	12,8200		
Irradiado	2634	MF	241°05'03"		83°38'24"		1,500	6,0180	5,9810		
Irradiado	2635	MF	101°25'12"		96°34'23"		1,500	4,1560	4,1290		
Irradiado	2636	BAT	144°06'28"		93°11'13"		1,500	10,5110	10,4950		
Irradiado	2637	EXT	129°58'33"		92°38'49"		1,500	7,0200	7,0130		
Irradiado	2638	MF	81°38'29"		95°50'36"		1,500	23,8180	23,6940		
Irradiado	2639	MF	79°14'02"		96°03'19"		1,500	25,1920	25,0510		
Irradiado	2640	MF	75°48'15"		96°35'46"		1,500	26,0200	25,8480		
Irradiado	2641	MF	71°33'10"		96°53'02"		1,500	25,3970	25,2140		
Irradiado	2642	ARV	68°34'22"		95°11'50"		1,500	20,3080	20,2240		
Irradiado	2643	BAT	101°29'11"		96°00'45"		1,500	24,7410	24,6050		
Irradiado	2644	BAT	99°39'36"		95°54'29"		1,500	34,0780	33,8970		
Irradiado	2645	BAT	100°00'29"		95°54'41"		1,500	37,3120	37,1140		
Irradiado	2646	BAT	102°42'32"		96°12'49"		1,500	38,8760	38,6480		
Irradiado	2647	MF	10°24'22"		94°33'18"		1,500	26,0820	25,9990		
Irradiado	2648	MF	11°24'44"		94°41'25"		1,500	25,9410	25,8540		
Irradiado	2649	EXP	36°58'36"		95°44'47"		1,500	23,5220	23,4040		
Irradiado	2650	MF	42°33'29"		94°45'16"		1,500	31,7310	31,6220		
Irradiado	2651	MF	63°43'10"		95°35'01"		1,500	33,5570	33,3980		
Irradiado	2652	PC	62°52'47"		95°21'47"		1,500	41,8440	41,6610		
Irradiado	2653	MU	5°21'24"		93°33'10"		1,500	29,9940	29,9360		
Irradiado	2654	MU	8°08'10"		93°50'20"		1,500	28,7790	28,7140		
Irradiado	2655	MED	10°07'34"		93°50'52"		1,500	28,8790	28,8140		
Irradiado	2656	CA	11°05'04"		94°21'31"		1,500	26,0660	25,9900		
Irradiado	2657	ED	47°32'15"		94°02'40"		1,500	36,2970	36,2070		
Irradiado	2658	MED	65°39'49"		95°12'21"		1,500	48,2020	48,0030		
Irradiado	2659	MUD	72°47'05"		95°41'32"		1,500	56,3710	56,0930		
Irradiado	2660	MED	75°39'58"		95°31'10"		1,500	60,7180	60,4360		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26	E	1,397				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2661	MED	78°15'00"		95°59'45"		0,500	65,5010	65,1430		
Irradiado	2662	MCER	79°37'00"		96°03'26"		0,500	68,4480	68,0660		
Irradiado	2663	CER	80°54'36"		95°35'19"		1,500	67,7910	67,4690		
Irradiado	2664	CER	86°51'01"		94°56'39"		1,000	87,9130	87,5860		
Irradiado	2665	PC	80°36'05"		95°27'00"		1,500	67,0580	66,7550		
Irradiado	2666	ARV	84°49'53"		93°54'19"		3,000	54,1820	54,0560		
Irradiado	2667	TP	107°29'28"		94°02'07"		1,500	31,9880	31,9090		
Irradiado	2668	PC	109°40'24"		93°08'15"		1,500	31,7000	31,6530		
Irradiado	2669	PC	108°34'13"		93°40'23"		1,500	25,9850	25,9310		
Irradiado	2670	PC	196°38'58"		84°06'19"		1,500	14,2750	14,2000		
Irradiado	2671	CA	194°42'20"		82°30'41"		1,500	35,0170	34,7180		
Irradiado	2672	CA	200°06'25"		82°10'24"		1,500	35,0770	34,7500		
Irradiado	2673	CA	200°13'41"		82°22'22"		1,500	38,6390	38,2970		
Irradiado	2674	CA	211°39'00"		82°34'00"		1,500	36,2510	35,9470		
Irradiado	2675	CA	216°13'34"		82°39'56"		1,500	37,1540	36,8500		
Irradiado	2676	CA	210°23'04"		82°50'56"		1,500	39,1920	38,8870		
Irradiado	2677	CER	205°48'22"		82°33'58"		1,500	42,7320	42,3730		
Irradiado	2678	CER	208°40'42"		83°15'04"		1,500	33,0680	32,8390		
Irradiado	2679	PC	216°39'50"		83°31'47"		1,500	36,1120	35,8820		
Irradiado	2680	CER	224°40'13"		83°14'01"		1,500	36,1770	35,9250		
Irradiado	2681	CER	218°44'48"		82°36'49"		1,500	45,1430	44,7690		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1	E	1,455				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D26		359°59'59"	179°59'49"	84°43'00"	275°17'28"	1,500	62,8180	62,5510		
Auxiliar	D26.1.1	A	260°26'05"	80°25'51"	91°00'42"	268°59'25"	1,500	148,5550	148,5310		
Irradiado	2682	BAT	31°08'05"		86°47'05"		1,500	35,2190	35,1640		
Irradiado	2683	BAT	32°03'52"		86°47'21"		1,500	25,4300	25,3900		
Irradiado	2684	BAT	33°57'54"		86°34'26"		1,500	23,1380	23,0960		
Irradiado	2685	BAT	351°00'56"		86°26'09"		1,500	9,1810	9,1640		
Irradiado	2686	BAT	4°12'38"		87°06'29"		1,500	9,0130	9,0020		
Irradiado	2687	BAT	14°05'49"		86°50'47"		1,500	7,5930	7,5820		
Irradiado	2688	BAT	39°16'40"		86°59'07"		1,500	20,4410	20,4120		
Irradiado	2689	BAT	22°32'13"		88°51'05"		1,500	4,6180	4,6170		
Irradiado	2690	BAT	98°41'55"		88°56'26"		1,500	13,9220	13,9200		
Irradiado	2691	BAT	159°22'56"		89°36'03"		1,500	7,3230	7,3230		
Irradiado	2692	EXT	123°47'20"		89°04'40"		1,500	10,2040	10,2030		
Irradiado	2693	EXT	143°03'17"		90°00'20"		1,500	24,3530	24,3530		
Irradiado	2694	BAT	130°39'05"		90°49'38"		1,500	31,3890	31,3860		
Irradiado	2695	BAT	162°48'54"		90°38'30"		1,500	21,3100	21,3080		
Irradiado	2696	BAT	160°33'05"		90°42'51"		1,500	28,8350	28,8330		
Irradiado	2697	BAT	138°37'40"		91°09'08"		1,500	55,8120	55,8000		
Irradiado	2698	BAT	156°49'18"		90°53'23"		1,500	39,2110	39,2070		
Irradiado	2699	BAT	154°01'26"		91°02'53"		1,500	43,6880	43,6810		
Irradiado	2700	BAT	151°18'40"		91°17'31"		1,500	51,3420	51,3290		
Irradiado	2701	BAT	143°35'54"		91°23'34"		1,500	72,0440	72,0230		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1	E	1,455				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2702	BAT	149°33'31"		91°36'07"		1,500	65,6280	65,6020		
Irradiado	2703	CA	95°36'05"		91°23'36"		1,500	34,0920	34,0820		
Irradiado	2704	CA	115°11'41"		91°27'06"		1,500	37,2190	37,2070		
Irradiado	2705	CER	127°12'39"		92°01'07"		1,500	39,1590	39,1350		
Irradiado	2706	ARV	188°18'17"		92°45'23"		1,500	46,7880	46,7340		
Irradiado	2707	TP	191°54'41"		92°32'44"		1,500	47,7200	47,6720		
Irradiado	2708	CA	192°28'13"		92°32'49"		1,500	46,6620	46,6160		
Irradiado	2709	CA	133°57'05"		91°05'25"		1,500	50,4420	50,4320		
Irradiado	2710	CA	201°55'44"		91°51'44"		2,000	48,5790	48,5530		
Irradiado	2711	CA	203°40'48"		92°47'35"		1,500	44,9580	44,9050		
Irradiado	2712	CA	138°19'33"		91°05'06"		1,500	59,3810	59,3700		
Irradiado	2713	CA	143°19'19"		90°36'22"		1,500	40,2260	40,2240		
Irradiado	2714	CA	142°01'21"		90°30'45"		1,500	36,1100	36,1090		
Irradiado	2715	CA	138°45'05"		90°31'50"		1,500	36,5970	36,5960		
Irradiado	2716	CA	210°00'05"		92°34'49"		1,500	47,1970	47,1500		
Irradiado	2717	CA	190°13'20"		92°27'00"		1,000	60,7020	60,6460		
Irradiado	2718	MF	6°40'37"		86°13'06"		1,000	24,9070	24,8530		
Irradiado	2719	MF	331°43'11"		87°33'18"		1,000	8,2330	8,2260		
Irradiado	2720	MF	329°54'21"		87°58'28"		1,000	16,9750	16,9640		
Irradiado	2721	EXP	321°01'37"		87°40'23"		1,000	12,6150	12,6050		
Irradiado	2722	EXP	274°50'01"		90°39'10"		1,000	21,7240	21,7220		
Irradiado	2723	MF	285°00'16"		90°49'30"		1,000	24,0290	24,0260		
Irradiado	2724	MF	264°01'14"		91°32'14"		1,000	20,0040	19,9960		
Irradiado	2725	MF	271°23'07"		91°06'39"		1,000	34,8280	34,8220		
Irradiado	2726	MF	259°28'05"		91°48'52"		1,500	25,8600	25,8470		
Irradiado	2727	MF	256°19'32"		91°48'44"		1,500	27,6370	27,6230		
Irradiado	2728	BAT	246°53'42"		92°34'13"		1,500	34,7800	34,7450		
Irradiado	2729	BAT	238°13'40"		92°45'46"		1,500	41,1740	41,1260		
Irradiado	2730	MF	266°49'35"		90°52'30"		1,500	52,6430	52,6370		
Irradiado	2731	MF	265°38'56"		90°48'21"		1,500	66,2140	66,2070		
Irradiado	2732	BAT	259°27'42"		91°05'25"		1,500	60,8160	60,8050		
Irradiado	2733	BAT	256°35'32"		91°19'24"		1,500	59,1130	59,0970		
Irradiado	2734	BAT	246°28'17"		92°23'03"		1,500	57,9420	57,8920		
Irradiado	2735	BAT	241°27'58"		92°39'38"		1,500	60,4640	60,3990		
Irradiado	2736	BAT	232°44'17"		92°49'40"		1,500	47,3190	47,2610		
Irradiado	2737	EXT	238°51'49"		92°51'17"		1,500	52,4270	52,3620		
Irradiado	2738	BAT	263°42'01"		90°36'33"		1,500	81,5050	81,5000		
Irradiado	2739	EXT	261°55'09"		90°46'26"		1,500	81,6690	81,6610		
Irradiado	2740	BAT	260°01'10"		90°47'36"		1,500	81,5840	81,5760		
Irradiado	2741	BAT	260°20'23"		90°45'56"		1,500	99,0520	99,0430		
Irradiado	2742	BAT	262°43'38"		90°40'09"		1,500	99,4040	99,3970		
Irradiado	2743	EXT	261°31'15"		90°45'49"		1,500	99,1180	99,1090		
Irradiado	2744	PC	263°27'21"		90°27'13"		1,500	109,2350	109,2320		
Irradiado	2745	PC	265°39'17"		90°37'42"		1,500	71,4360	71,4320		
Irradiado	2746	PC	272°35'50"		90°36'58"		1,500	34,8140	34,8120		
Irradiado	2747	TP	273°54'57"		89°20'47"		1,500	35,3550	35,3530		
Irradiado	2748	PC	255°39'39"		91°21'26"		1,500	60,3720	60,3550		
Irradiado	2749	PF	245°09'20"		92°09'29"		1,500	32,1360	32,1130		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1	E	1,455				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2750	PC	236°44'33"		92°03'55"		1,500	92,5350	92,4750		
Irradiado	2751	PC	227°03'00"		91°47'15"		1,500	75,1380	75,1020		
Irradiado	2752	CA	218°20'38"		92°30'59"		1,500	63,0440	62,9830		
Irradiado	2753	CA	225°20'34"		92°24'50"		1,500	68,1210	68,0610		
Irradiado	2754	CA	215°13'12"		92°22'51"		1,500	69,8750	69,8150		
Irradiado	2755	MU	259°20'45"		91°03'32"		1,500	61,1260	61,1160		
Irradiado	2756	MU	256°24'12"		91°02'08"		1,500	60,9180	60,9080		
Irradiado	2757	MU	245°55'58"		90°57'52"		1,500	62,5550	62,5460		
Irradiado	2758	CL	242°49'02"		92°17'43"		1,500	63,4760	63,4250		
Irradiado	2759	CL	242°58'03"		91°01'49"		1,500	63,5180	63,5080		
Irradiado	2760	CL	245°13'09"		90°57'23"		1,500	72,2930	72,2830		
Irradiado	2761	CA	244°32'53"		91°03'00"		1,500	64,6620	64,6510		
Irradiado	2762	CA	256°33'27"		91°00'05"		1,500	62,8510	62,8410		
Irradiado	2763	CA	257°06'12"		90°50'57"		1,500	69,8330	69,8250		
Irradiado	2764	MU	259°14'15"		90°49'07"		1,500	73,5440	73,5370		
Irradiado	2765	MED	258°28'53"		90°46'49"		1,500	73,6050	73,5990		
Irradiado	2766	CA	256°25'26"		88°23'48"		4,500	74,0310	74,0020		
Irradiado	2767	CA	256°41'11"		88°30'24"		4,500	77,5950	77,5690		
Irradiado	2768	CA	247°55'19"		91°29'43"		1,500	82,8670	82,8380		
Irradiado	2769	CA	244°04'46"		91°37'25"		1,500	84,8940	84,8600		
Irradiado	2770	CA	259°04'10"		90°45'05"		1,500	78,7080	78,7020		
Irradiado	2771	MED	259°14'27"		90°49'26"		1,500	83,0750	83,0660		
Irradiado	2772	MED	259°25'34"		90°40'55"		1,500	87,1480	87,1420		
Irradiado	2773	CA	259°38'21"		90°45'17"		1,500	92,3730	92,3650		
Irradiado	2774	PREFEITURA	268°03'08"		89°37'18"		1,500	61,7680	61,7670		
Irradiado	2775	PREFEITURA	269°07'01"		89°32'33"		1,500	55,9270	55,9250		
Irradiado	2776	PREFEITURA	271°09'31"		89°25'52"		1,500	56,2470	56,2440		
Irradiado	2777	PREFEITURA	274°51'37"		83°08'18"		6,000	42,6790	42,3740		
Irradiado	2778	PREFEITURA	272°28'38"		89°24'48"		1,500	41,6480	41,6460		
Irradiado	2779	PREFEITURA	274°53'21"		89°18'31"		1,500	35,8860	35,8840		
Irradiado	2780	PREFEITURA	292°07'52"		88°18'09"		1,500	41,1870	41,1690		
Irradiado	2781	CAMVER	332°08'27"		81°40'51"		1,500	34,2530	33,8930		
Irradiado	2782	CAMVER	355°01'46"		81°46'47"		1,500	32,6730	32,3370		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.2	E	1,548				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D26		0°00'01"	180°00'15"	86°16'07"	273°46'43"	1,500	139,6120	139,3160		
Irradiado	2783	EXT	23°21'39"		85°03'25"		1,500	21,0740	20,9950		
Irradiado	2784	EXT	73°56'06"		83°51'38"		1,500	13,0060	12,9320		
Irradiado	2785	BAT	74°59'32"		85°36'56"		1,500	16,7320	16,6830		
Irradiado	2786	BAT	76°28'27"		80°58'44"		1,500	9,2110	9,0970		
Irradiado	2787	BAT	136°41'15"		90°20'08"		1,500	17,3310	17,3300		
Irradiado	2788	BAT	121°56'45"		90°15'07"		1,500	22,0170	22,0170		
Irradiado	2789	EXT	127°29'53"		90°17'39"		1,500	19,1490	19,1480		
Irradiado	2790	CERV	112°42'12"		89°35'47"		1,500	28,4890	28,4880		
Irradiado	2791	CERV	116°16'43"		89°35'42"		1,500	73,2520	73,2500		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.2	E	1,548				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2792	RIO	122°33'57"		90°35'08"		1,500	84,8360	84,8310		
Irradiado	2793	PE	122°13'09"		90°19'24"		1,500	84,9810	84,9790		
Irradiado	2794	CRI	121°03'01"		89°40'40"		1,500	85,1510	85,1490		
Irradiado	2795	CRI	119°07'20"		89°32'57"		1,500	76,9110	76,9090		
Irradiado	2796	PE	119°54'43"		89°41'49"		2,600	76,7400	76,7390		
Irradiado	2797	RIO	120°06'43"		89°53'40"		2,600	76,8610	76,8610		
Irradiado	2798	RIO	118°22'24"		90°52'26"		1,500	56,8660	56,8590		
Irradiado	2799	CRI	117°30'35"		89°58'36"		1,500	57,2830	57,2830		
Irradiado	2800	CRI	118°07'52"		90°43'11"		1,500	42,1370	42,1340		
Irradiado	2801	PE	118°27'55"		91°08'25"		1,500	42,0550	42,0470		
Irradiado	2802	RIO	118°41'35"		91°12'22"		1,500	42,1640	42,1550		
Irradiado	2803	RIO	127°56'50"		91°36'08"		1,500	31,7720	31,7600		
Irradiado	2804	PE	125°28'36"		91°08'49"		1,500	31,3310	31,3250		
Irradiado	2805	CRI	121°48'24"		90°05'27"		1,500	31,0110	31,0110		
Irradiado	2806	CRP	130°15'57"		91°39'20"		1,500	25,5390	25,5280		
Irradiado	2807	CRP	140°32'16"		91°15'48"		1,500	19,7360	19,7310		
Irradiado	2808	CRI	135°13'00"		88°04'07"		1,500	3,0570	3,0550		
Irradiado	2809	PE	162°05'42"		99°48'53"		1,500	3,4910	3,4400		
Irradiado	2810	RIO	170°38'49"		102°53'58"		1,500	4,0280	3,9260		
Irradiado	2811	RIO	274°02'49"		92°36'04"		1,500	19,5450	19,5250		
Irradiado	2812	PE	276°57'53"		92°12'29"		1,500	19,5450	19,5300		
Irradiado	2813	CRI	282°37'55"		91°22'42"		1,500	19,4030	19,3970		
Irradiado	2814	CRI	289°35'30"		89°51'35"		1,500	35,1830	35,1830		
Irradiado	2815	PE	287°12'21"		91°04'15"		1,500	35,3170	35,3110		
Irradiado	2816	RIO	285°46'35"		91°27'26"		1,500	35,3230	35,3120		
Irradiado	2817	RIO	284°27'46"		90°55'20"		1,500	55,7260	55,7190		
Irradiado	2818	PE	285°00'56"		90°41'38"		1,500	55,6330	55,6290		
Irradiado	2819	CRI	286°19'10"		89°55'26"		1,500	55,5440	55,5440		
Irradiado	2820	CRI	289°59'20"		89°53'34"		1,500	80,2820	80,2810		
Irradiado	2821	PE	288°53'20"		90°31'51"		1,500	80,2170	80,2130		
Irradiado	2822	RIO	288°31'28"		90°39'43"		1,500	80,1930	80,1870		
Irradiado	2823	RIO	289°44'26"		89°51'38"		2,600	104,6090	104,6090		
Irradiado	2824	PE	289°55'11"		89°48'48"		2,600	104,4500	104,4500		
Irradiado	2825	CRI	290°22'50"		89°31'48"		2,600	104,5120	104,5090		
Irradiado	2826	CRI	290°46'20"		89°21'12"		2,600	128,3170	128,3090		
Irradiado	2827	PE	290°14'00"		89°45'16"		2,600	128,3120	128,3110		
Irradiado	2828	RIO	289°57'54"		89°55'50"		2,600	128,5830	128,5830		
Irradiado	2829	RIO	290°20'39"		89°55'46"		2,600	151,7210	151,7210		
Irradiado	2830	PE	290°37'41"		89°44'51"		2,600	151,6890	151,6870		
Irradiado	2831	CRI	291°10'27"		89°25'49"		2,600	151,5770	151,5690		
Irradiado	2832	PC	291°40'14"		88°54'24"		1,500	49,0660	49,0570		
Irradiado	2833	PC	325°57'58"		88°20'54"		1,500	36,7820	36,7670		
Irradiado	2834	CA	293°08'12"		88°51'33"		1,500	41,6100	41,6020		
Irradiado	2835	CA	295°47'33"		88°50'21"		1,500	31,4990	31,4930		
Irradiado	2836	CA	305°55'05"		88°23'38"		1,500	33,0870	33,0740		
Irradiado	2837	PCA	334°55'59"		86°38'39"		1,500	17,6950	17,6640		
Irradiado	2838	PCA	340°58'27"		86°22'16"		1,500	16,2140	16,1810		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1.1	E	1,642				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D26.1		0°00'00"	180°00'07"	89°01'35"	270°58'34"	1,500	148,5570	148,5350		
Irradiado	2839	BAT	4°06'30"		89°54'29"		1,500	27,9250	27,9250		
Irradiado	2840	BAT	353°16'43"		88°41'18"		1,500	26,9390	26,9320		
Irradiado	2841	EXT	359°39'07"		89°31'59"		1,500	27,3860	27,3850		
Irradiado	2842	EXT	10°10'57"		90°40'22"		1,500	12,2720	12,2720		
Irradiado	2843	BAT	356°43'02"		88°53'17"		1,500	11,5980	11,5960		
Irradiado	2844	BAT	22°50'23"		91°27'01"		1,500	12,7280	12,7240		
Irradiado	2845	BAT	104°23'31"		94°22'11"		1,500	4,7140	4,7000		
Irradiado	2846	BAT	215°57'23"		95°22'16"		1,500	1,8050	1,7970		
Irradiado	2847	EXT	118°38'56"		98°59'33"		1,500	2,3930	2,3640		
Irradiado	2848	EXT	187°10'47"		91°02'13"		1,500	28,2540	28,2490		
Irradiado	2849	BAT	192°25'33"		90°04'20"		1,500	28,5060	28,5060		
Irradiado	2850	BAT	181°05'27"		90°55'14"		1,500	28,7790	28,7750		
Irradiado	2851	BAT	194°28'09"		90°14'49"		1,500	51,5290	51,5280		
Irradiado	2852	BAT	191°00'26"		90°32'26"		1,500	52,4230	52,4200		
Irradiado	2853	EXT	190°46'06"		90°31'09"		1,500	52,7980	52,7950		
Irradiado	2854	EXT	195°52'24"		90°15'27"		1,500	73,7020	73,7020		
Irradiado	2855	BAT	199°11'44"		89°41'11"		1,500	72,8050	72,8040		
Irradiado	2856	BAT	193°21'17"		90°08'35"		1,500	74,0450	74,0450		
Irradiado	2857	ARV	188°13'55"		90°19'44"		1,500	62,4630	62,4620		
Irradiado	2858	PC	199°36'23"		88°17'48"		1,500	40,7640	40,7460		
Irradiado	2859	ARV	198°16'52"		87°34'44"		1,500	26,9520	26,9280		
Irradiado	2860	PC	266°36'44"		85°06'58"		1,500	3,2860	3,2740		
Irradiado	2861	PCA	323°26'42"		82°27'55"		1,500	9,7400	9,6560		
Irradiado	2862	PC	351°37'29"		87°39'00"		1,500	39,4950	39,4620		
Irradiado	2863	CA	348°18'16"		85°17'49"		2,600	37,1710	37,0460		
Irradiado	2864	CA	338°29'19"		82°19'06"		2,600	20,2290	20,0470		
Irradiado	2865	CA	331°33'27"		84°17'09"		1,500	16,7220	16,6380		
Irradiado	2866	CA	309°37'39"		79°45'30"		1,500	12,3610	12,1640		
Irradiado	2867	CA	302°32'03"		77°40'06"		1,500	11,7030	11,4330		
Irradiado	2868	CA	272°14'32"		76°17'58"		1,500	11,2050	10,8870		
Irradiado	2869	CA	215°23'56"		85°17'53"		1,000	25,2010	25,1160		
Irradiado	2870	CA	209°55'20"		85°25'39"		1,500	36,5090	36,3930		
Irradiado	2871	CA	203°41'21"		87°15'00"		1,500	44,9910	44,9400		
Irradiado	2872	CA	203°01'57"		87°23'34"		1,500	54,6870	54,6300		
Irradiado	2873	CA	206°06'15"		84°09'09"		4,600	58,8780	58,5710		
Irradiado	2874	CA	206°45'54"		84°48'16"		4,600	66,5790	66,3050		
Irradiado	2875	CRI	78°05'50"		91°05'54"		1,500	24,3730	24,3680		
Irradiado	2876	PE	79°35'24"		92°54'02"		1,500	25,8850	25,8520		
Irradiado	2877	RIO	80°05'08"		93°45'29"		1,500	26,7390	26,6810		
Irradiado	2878	RIO	135°31'25"		93°07'05"		1,500	31,2300	31,1840		
Irradiado	2879	PE	136°12'02"		92°50'59"		1,500	30,5870	30,5490		
Irradiado	2880	CRI	136°44'08"		92°03'39"		1,500	29,7150	29,6960		
Irradiado	2881	CRI	154°14'55"		90°15'19"		1,500	33,0030	33,0030		
Irradiado	2882	PE	152°37'39"		90°23'50"		2,500	34,2720	34,2710		
Irradiado	2883	RIO	152°31'50"		91°04'33"		2,500	34,6260	34,6200		
Irradiado	2884	RIO	177°30'45"		91°49'40"		1,500	53,5400	53,5120		
Irradiado	2885	PE	178°01'33"		91°39'50"		1,500	53,2290	53,2060		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1.1	E	1,642				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2886	CRI	178°49'07"		91°10'18"		1,500	52,5690	52,5580		
Irradiado	2887	CA	4°59'24"		86°57'08"		3,000	49,2070	49,1370		
Irradiado	2888	CA	4°18'05"		88°51'38"		1,500	40,6930	40,6850		
Irradiado	2889	CA	6°58'12"		86°12'50"		4,000	39,6120	39,5260		
Irradiado	2890	CA	6°45'13"		89°22'01"		1,500	33,8200	33,8180		
Irradiado	2891	CA	19°26'56"		90°38'10"		1,500	34,1020	34,1000		
Irradiado	2892	CA	20°27'22"		90°40'53"		1,500	33,1610	33,1590		
Irradiado	2893	CA	42°15'50"		91°00'57"		1,000	38,4020	38,3960		
Irradiado	2894	CA	38°25'52"		91°06'24"		1,000	44,2100	44,2020		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL14	E	1,680				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL13		359°59'55"	179°59'58"	92°23'47"	267°35'53"	1,500	80,4020	80,3310		
Auxiliar	D28	A	173°26'40"	353°26'31"	88°07'57"	271°52'13"	1,500	79,4230	79,3810		
Auxiliar	D29	A	176°30'30"	356°30'31"	87°19'21"	272°40'43"	1,500	120,2600	120,1280		
Auxiliar	D30	A	0°13'46"	180°13'39"	92°31'35"	267°26'32"	1,500	21,3350	21,3140		
Irradiado	2895	MF	98°16'01"		95°25'59"		1,500	12,9060	12,8480		
Irradiado	2896	MF	99°03'58"		95°40'16"		1,500	12,3930	12,3330		
Irradiado	2897	MF	103°06'53"		94°52'49"		1,500	12,4180	12,3730		
Irradiado	2898	MF	113°39'09"		95°53'18"		1,500	5,2690	5,2410		
Irradiado	2899	MF	113°44'26"		95°17'35"		1,500	7,5280	7,4960		
Irradiado	2900	MF	133°45'07"		94°48'05"		1,500	4,3730	4,3580		
Irradiado	2901	MF	218°10'46"		93°00'17"		1,500	2,9010	2,8970		
Irradiado	2902	MF	187°02'08"		87°56'24"		1,500	15,7710	15,7600		
Irradiado	2903	MF	169°52'37"		88°53'38"		1,500	16,2310	16,2280		
Irradiado	2904	MF	156°20'15"		90°14'40"		1,500	17,9700	17,9690		
Irradiado	2905	MF	144°22'12"		90°56'26"		1,500	20,8740	20,8710		
Irradiado	2906	EXP	178°05'04"		87°52'45"		1,500	15,8200	15,8090		
Irradiado	2907	EXP	150°40'27"		90°05'22"		1,500	19,5330	19,5330		
Irradiado	2908	EXP	179°14'33"		87°13'25"		1,500	29,9900	29,9550		
Irradiado	2909	EXP	162°58'36"		88°59'38"		1,500	34,4910	34,4860		
Irradiado	2910	MF	184°05'37"		87°18'13"		1,500	29,8930	29,8600		
Irradiado	2911	MF	174°37'39"		87°56'20"		1,500	29,7750	29,7560		
Irradiado	2912	MF	159°40'13"		89°28'14"		1,500	35,2010	35,2000		
Irradiado	2913	MF	167°04'24"		88°57'32"		1,500	32,9440	32,9390		
Irradiado	2914	MF	177°25'55"		87°28'55"		1,500	52,3340	52,2830		
Irradiado	2915	MF	182°31'35"		87°00'20"		1,500	51,5630	51,4920		
Irradiado	2916	MF	172°22'08"		88°44'14"		1,000	55,7440	55,7300		
Irradiado	2917	MF	166°07'06"		88°51'28"		1,000	56,2700	56,2590		
Irradiado	2918	MF	177°35'21"		87°31'07"		1,000	55,1620	55,1100		
Irradiado	2919	MF	176°51'28"		87°41'52"		1,000	56,8670	56,8210		
Irradiado	2920	MF	173°25'43"		88°03'33"		1,000	57,6160	57,5830		
Irradiado	2921	EXP	169°02'48"		88°34'00"		1,500	55,0120	54,9950		
Irradiado	2922	MF	172°15'15"		88°47'57"		1,000	56,0250	56,0120		
Irradiado	2923	MF	182°20'00"		86°56'44"		1,500	62,0980	62,0100		
Irradiado	2924	MF	167°50'12"		88°49'11"		1,500	65,0110	64,9970		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL14	E	1,680				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2925	MF	176°19'31"		87°42'12"		1,500	65,3880	65,3360		
Irradiado	2926	EXP	173°37'41"		87°58'55"		1,500	69,8650	69,8220		
Irradiado	2927	ARV	179°25'50"		87°09'47"		1,500	64,0200	63,9420		
Irradiado	2928	ARV	175°22'27"		87°51'03"		1,500	55,7290	55,6900		
Irradiado	2929	PC	183°18'26"		85°26'04"		2,500	57,6920	57,5090		
Irradiado	2930	PC	185°26'30"		86°45'25"		1,500	29,2330	29,1860		
Irradiado	2931	PC	317°07'43"		92°56'21"		1,500	3,0890	3,0850		
Irradiado	2932	MF	28°25'41"		95°31'20"		1,500	6,9860	6,9540		
Irradiado	2933	MF	45°40'56"		95°39'48"		1,500	7,4890	7,4530		
Irradiado	2934	MF	49°11'30"		95°04'56"		1,500	9,2150	9,1790		
Irradiado	2935	MF	75°46'30"		95°05'58"		1,500	12,4640	12,4150		
Irradiado	2936	MF	354°29'07"		93°19'10"		1,500	15,3140	15,2880		
Irradiado	2937	MF	30°15'59"		92°40'55"		1,500	23,4840	23,4580		
Irradiado	2938	MF	10°42'25"		93°08'26"		1,500	17,9160	17,8890		
Irradiado	2939	MF	19°03'21"		92°56'02"		1,500	21,4720	21,4440		
Irradiado	2940	EXP	24°01'08"		92°29'51"		1,500	21,9100	21,8890		
Irradiado	2941	EXP	3°36'11"		92°29'08"		1,500	19,0590	19,0410		
Irradiado	2942	MF	356°15'39"		92°56'13"		1,500	22,4050	22,3750		
Irradiado	2943	MF	18°51'10"		92°51'06"		1,500	36,5790	36,5340		
Irradiado	2944	MF	11°37'46"		92°49'48"		1,500	34,5970	34,5550		
Irradiado	2945	MF	5°13'38"		92°39'06"		1,500	39,2020	39,1600		
Irradiado	2946	MF	358°03'08"		92°24'04"		1,500	38,6750	38,6410		
Irradiado	2947	EXP	1°40'31"		92°19'16"		1,500	38,6220	38,5910		
Irradiado	2948	EXP	15°05'22"		92°36'29"		1,500	35,7750	35,7380		
Irradiado	2949	EXP	1°21'11"		92°27'15"		1,500	63,5640	63,5060		
Irradiado	2950	EXP	8°43'04"		92°45'09"		1,500	63,6220	63,5490		
Irradiado	2951	MF	3°31'31"		92°39'09"		1,500	63,5070	63,4390		
Irradiado	2952	MF	9°55'48"		92°53'14"		1,500	67,4010	67,3160		
Irradiado	2953	MF	359°05'35"		92°27'20"		1,500	64,0850	64,0260		
Irradiado	2954	MF	5°58'16"		92°44'08"		1,500	66,6330	66,5570		
Irradiado	2955	MF	5°41'13"		92°38'24"		1,500	70,4860	70,4110		
Irradiado	2956	MF	4°22'25"		92°36'20"		1,500	71,2640	71,1910		
Irradiado	2957	MF	3°13'07"		92°36'23"		1,500	68,5950	68,5240		
Irradiado	2958	ARV	4°34'33"		92°29'02"		1,500	66,7110	66,6480		
Irradiado	2959	PC	358°49'44"		92°19'28"		1,500	63,0530	63,0010		
Irradiado	2960	ARV	6°37'27"		92°32'48"		1,500	46,6580	46,6120		
Irradiado	2961	ARV	8°09'06"		92°36'33"		1,500	38,2680	38,2290		
Irradiado	2962	ARV	10°49'16"		92°46'47"		1,500	26,3020	26,2710		
Irradiado	2963	PC	356°46'59"		92°14'13"		1,500	32,4460	32,4210		
Irradiado	2964	CA	357°40'45"		91°52'37"		1,500	75,0560	75,0160		
Irradiado	2965	MED	357°33'31"		92°03'07"		1,500	68,5350	68,4910		
Irradiado	2966	MUD	357°11'30"		92°10'26"		1,500	58,9900	58,9470		
Irradiado	2967	MUD	357°03'54"		92°08'21"		1,500	56,0230	55,9840		
Irradiado	2968	CERV	356°22'58"		92°05'32"		1,500	48,6000	48,5670		
Irradiado	2969	CA	356°26'55"		92°03'58"		1,500	45,8320	45,8030		
Irradiado	2970	CA	355°10'24"		92°02'16"		1,500	36,7330	36,7100		
Irradiado	2971	CA	346°21'35"		92°10'55"		1,500	16,1710	16,1590		
Irradiado	2972	MED	315°50'31"		91°49'46"		1,500	5,7250	5,7220		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL14	E	1,680				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	2973	MED	300°26'45"		91°21'42"		1,500	4,6790	4,6780		
Irradiado	2974	MED	203°45'56"		86°53'32"		1,500	10,9470	10,9310		
Irradiado	2975	MED	201°43'29"		84°51'11"		1,500	12,1910	12,1420		
Irradiado	2976	CA	193°44'04"		85°42'48"		1,500	18,6730	18,6200		
Irradiado	2977	MU	187°42'43"		85°56'53"		1,500	32,4780	32,3970		
Irradiado	2978	MED	186°53'50"		86°26'51"		1,500	35,9270	35,8580		
Irradiado	2979	MED	185°50'25"		86°37'19"		1,500	41,9110	41,8390		
Irradiado	2980	CA	185°48'49"		86°30'54"		1,500	44,3130	44,2320		
Irradiado	2981	MU	185°40'58"		86°43'50"		1,500	43,1430	43,0730		
Irradiado	2982	CA	184°44'35"		86°38'15"		1,500	52,4820	52,3910		
Irradiado	2983	CA	184°38'37"		86°17'37"		1,500	55,1500	55,0340		
Irradiado	2984	CA	184°09'39"		85°41'24"		2,000	62,2540	62,0780		
Irradiado	2985	ESC	183°51'33"		85°29'18"		1,500	67,4330	67,2240		
Irradiado	2986	ESC	182°50'55"		85°55'11"		1,500	93,8460	93,6080		
Irradiado	2987	CL	176°27'33"		87°32'06"		1,500	66,8170	66,7550		
Irradiado	2988	CL	176°29'30"		87°53'53"		0,100	66,9310	66,8860		
Irradiado	2989	CL	177°34'24"		87°34'53"		1,500	94,3580	94,2740		
Irradiado	2990	CL	177°44'39"		87°16'56"		1,500	94,1420	94,0360		
Irradiado	2991	ARV	177°54'30"		86°56'07"		1,500	82,2200	82,1020		
Irradiado	2992	MU	166°30'18"		88°42'36"		1,500	64,8090	64,7930		
Irradiado	2993	MU	160°51'11"		88°52'39"		1,500	43,9510	43,9430		
Irradiado	2994	MUD	148°33'42"		89°41'06"		1,500	25,9220	25,9210		
Irradiado	2995	MED	132°24'25"		90°56'09"		1,500	18,1350	18,1320		
Irradiado	2996	MED	54°46'59"		91°57'17"		1,500	19,9230	19,9110		
Irradiado	2997	MUD	43°13'34"		93°04'47"		1,000	23,8180	23,7830		
Irradiado	2998	MU	37°42'37"		93°38'21"		1,000	21,9520	21,9070		
Irradiado	2999	DELG	33°37'06"		91°59'01"		1,500	24,2420	24,2270		
Irradiado	3000	DELGM	22°46'03"		92°17'48"		1,500	34,6110	34,5830		
Irradiado	3001	MED	20°54'49"		92°24'14"		1,500	37,8390	37,8060		
Irradiado	3002	MED	14°48'55"		92°37'23"		1,500	52,8200	52,7640		
Irradiado	3003	MUD	13°54'04"		92°40'19"		1,500	56,3870	56,3250		
Irradiado	3004	MUD	11°28'52"		92°19'42"		2,000	67,4290	67,3730		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D27	E	1,563				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL15		0°00'00"	180°00'06"	90°43'06"	269°16'49"	1,500	92,8220	92,8150		
Irradiado	3005	CANT1	275°35'56"		82°20'07"		1,500	6,0480	5,9940		
Irradiado	3006	CANT1	327°51'36"		86°12'20"		1,500	11,4470	11,4220		
Irradiado	3007	CANT1	273°09'07"		85°19'07"		1,500	16,0320	15,9780		
Irradiado	3008	CANT1	275°19'14"		85°26'03"		1,500	17,6710	17,6140		
Irradiado	3009	CANT1	293°35'02"		85°25'09"		2,000	24,6490	24,5700		
Irradiado	3010	CANT1	288°16'23"		85°23'42"		2,000	24,7480	24,6680		
Irradiado	3011	CANT2	299°25'49"		86°37'19"		1,500	25,7780	25,7330		
Irradiado	3012	CANT2	301°57'21"		86°27'09"		1,500	27,5470	27,4940		
Irradiado	3013	CANT2	320°39'44"		87°49'23"		1,500	27,5360	27,5160		
Irradiado	3014	CANT2	323°45'19"		87°53'57"		1,500	26,9700	26,9520		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D27	E	1,563				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3015	CANT2	344°35'32"		88°08'23"		1,500	22,5120	22,5000		
Irradiado	3016	CANT2	333°58'55"		87°01'33"		1,500	13,9320	13,9140		
Irradiado	3017	CANT7	273°07'44"		85°32'45"		1,500	20,8420	20,7790		
Irradiado	3018	CANT7	272°04'09"		85°41'27"		1,500	27,0530	26,9760		
Irradiado	3019	CANT7	283°31'23"		86°18'54"		1,500	26,1830	26,1290		
Irradiado	3020	CANT7	281°26'16"		86°14'25"		1,500	27,7860	27,7260		
Irradiado	3021	CANT6	280°26'45"		86°07'23"		1,500	30,3250	30,2560		
Irradiado	3022	CANT6	272°03'15"		85°50'47"		1,500	30,1220	30,0430		
Irradiado	3023	CANT6	281°30'36"		86°12'18"		1,500	32,7400	32,6680		
Irradiado	3024	CANT6	271°50'54"		85°59'20"		1,500	36,1520	36,0640		
Irradiado	3025	CANT6	272°40'31"		86°03'51"		1,500	36,1740	36,0890		
Irradiado	3026	MED	308°43'48"		87°05'20"		1,500	40,0820	40,0310		
Irradiado	3027	ARV	308°29'00"		87°13'20"		1,500	34,5970	34,5560		
Irradiado	3028	ARV	278°43'43"		85°40'28"		1,500	16,5100	16,4630		
Irradiado	3029	ARV	320°25'40"		87°06'09"		1,500	19,2080	19,1830		
Irradiado	3030	ARV	301°44'17"		85°43'11"		1,500	14,0700	14,0310		
Irradiado	3031	ARV	331°43'56"		87°18'50"		1,500	15,6060	15,5880		
Irradiado	3032	ARV	342°22'35"		88°02'38"		1,500	20,8410	20,8290		
Irradiado	3033	ARV	302°13'14"		84°01'15"		1,500	7,7400	7,6980		
Irradiado	3034	ARV	319°42'55"		85°38'27"		1,500	11,1160	11,0840		
Irradiado	3035	LUM	344°03'39"		87°56'50"		1,500	22,2810	22,2660		
Irradiado	3036	LUM	331°09'10"		86°25'14"		1,500	12,6160	12,5920		
Irradiado	3037	LUM	277°51'43"		82°45'49"		1,500	6,1310	6,0820		
Irradiado	3038	LUM	272°51'56"		85°21'04"		1,500	21,2910	21,2210		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D28	E	1,603				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL14		0°00'00"	180°00'16"	92°04'32"	267°55'22"	1,500	79,4360	79,3840		
Irradiado	3039	CANT3	92°58'47"		96°12'54"		1,500	52,9310	52,6200		
Irradiado	3040	CANT3	91°45'34"		96°25'32"		1,500	50,8100	50,4900		
Irradiado	3041	CANT3	88°18'06"		95°41'21"		1,500	57,2210	56,9390		
Irradiado	3042	CANT3	86°39'36"		96°11'14"		1,500	51,6780	51,3770		
Irradiado	3043	CANT4	91°21'41"		96°25'22"		1,500	48,2750	47,9720		
Irradiado	3044	CANT4	92°21'24"		96°38'52"		1,500	46,1370	45,8270		
Irradiado	3045	CANT4	86°07'48"		96°17'11"		1,500	49,1170	48,8210		
Irradiado	3046	CANT4	84°04'47"		96°53'10"		1,500	42,6940	42,3860		
Irradiado	3047	CANT5	94°32'19"		96°39'22"		1,500	44,0820	43,7850		
Irradiado	3048	CANT5	82°15'43"		97°11'25"		1,500	38,7260	38,4220		
Irradiado	3049	CANT5	96°25'03"		96°37'18"		1,500	43,4150	43,1260		
Irradiado	3050	CANT5	84°43'43"		97°09'31"		1,500	39,8940	39,5830		
Irradiado	3051	CANT5	76°27'55"		98°13'32"		1,500	29,5860	29,2820		
Irradiado	3052	CANT5	94°13'09"		98°02'54"		2,000	27,2020	26,9340		
Irradiado	3053	CANT8	100°04'47"		99°05'00"		1,500	27,2230	26,8810		
Irradiado	3054	CANT8	99°50'24"		96°39'04"		1,500	43,2970	43,0060		
Irradiado	3055	CANT8	118°12'28"		98°07'15"		1,500	28,7230	28,4350		
Irradiado	3056	CANT8	102°20'53"		96°32'52"		1,500	44,0850	43,7980		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D28	E	1,603				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3057	CANT8	113°10'35"		96°53'38"		1,500	38,8510	38,5700		
Irradiado	3058	CANT9	101°56'31"		96°17'03"		1,500	49,1590	48,8630		
Irradiado	3059	CANT9	95°10'20"		96°18'26"		1,500	49,3980	49,0990		
Irradiado	3060	LUM	98°13'51"		96°39'08"		1,500	42,1360	41,8530		
Irradiado	3061	LUM	88°20'14"		95°40'44"		1,500	57,2660	56,9850		
Irradiado	3062	LUM	111°59'36"		96°18'05"		1,500	43,2190	42,9580		
Irradiado	3063	LUM	84°30'49"		96°33'09"		1,500	43,6000	43,3160		
Irradiado	3064	LUM	117°53'56"		97°37'42"		1,500	28,9940	28,7370		
Irradiado	3065	LUM	77°03'11"		98°05'44"		1,500	29,6280	29,3330		
Irradiado	3066	LUM	96°44'32"		99°13'49"		1,500	16,4410	16,2280		
Irradiado	3067	ARV	87°03'44"		97°27'58"		1,500	33,9500	33,6620		
Irradiado	3068	ESC	74°01'22"		98°32'59"		1,500	27,1380	26,8360		
Irradiado	3069	ESC	120°40'38"		98°09'22"		1,500	26,3850	26,1180		
Irradiado	3070	ESC	73°13'28"		98°29'57"		1,500	26,4160	26,1260		
Irradiado	3071	ESC	71°44'38"		98°22'36"		1,500	25,0690	24,8010		
Irradiado	3072	ESC	121°21'51"		98°01'00"		1,500	25,6360	25,3850		
Irradiado	3073	ESC	122°35'48"		97°51'17"		1,500	24,4330	24,2040		
Irradiado	3074	ESC	35°02'58"		96°11'10"		1,500	12,9200	12,8450		
Irradiado	3075	ESC	158°44'04"		92°31'51"		1,500	12,0020	11,9910		
Irradiado	3076	HOSP	119°37'31"		95°12'04"		1,500	45,5200	45,3330		
Irradiado	3077	MU	120°28'33"		96°17'30"		1,500	36,8870	36,6650		
Irradiado	3078	MED	124°16'50"		95°04'09"		1,500	37,7520	37,6050		
Irradiado	3079	CA	137°27'15"		96°12'40"		1,500	25,7750	25,6240		
Irradiado	3080	MED	149°24'32"		94°39'28"		1,500	31,4430	31,3390		
Irradiado	3081	MU	166°29'19"		91°25'40"		1,500	15,4530	15,4480		
Irradiado	3082	MU	164°25'58"		91°13'38"		1,500	14,1650	14,1620		
Auxiliar	RN6	A	93°05'40"	273°05'57"	98°46'06"	261°15'51"	1,500	9,9450	9,8290		
Irradiado	3083	MF	194°41'37"		87°56'00"		1,500	12,3710	12,3630		
Irradiado	3084	MF	165°25'38"		91°19'40"		1,500	11,5220	11,5190		
Irradiado	3085	EXP	178°20'29"		89°48'54"		1,500	10,3320	10,3320		
Irradiado	3086	BAT	192°36'48"		88°04'40"		1,500	13,7580	13,7510		
Irradiado	3087	BAT	169°28'45"		91°00'11"		1,500	14,4340	14,4320		
Irradiado	3088	BAT	187°31'08"		88°43'37"		1,500	15,4840	15,4800		
Irradiado	3089	BAT	168°05'58"		91°30'20"		1,500	15,6890	15,6830		
Irradiado	3090	BAT	170°11'39"		93°24'45"		1,500	27,3360	27,2870		
Irradiado	3091	BAT	159°34'59"		94°01'20"		1,500	26,3950	26,3300		
Irradiado	3092	EXT	165°18'24"		92°58'08"		2,000	26,3020	26,2670		
Irradiado	3093	BAT	162°35'28"		92°50'20"		1,500	38,7020	38,6550		
Irradiado	3094	BAT	155°25'40"		93°21'22"		1,500	36,8080	36,7450		
Irradiado	3095	BAT	153°11'57"		93°29'53"		1,500	39,6900	39,6160		
Irradiado	3096	BAT	158°02'02"		92°49'59"		1,500	43,1810	43,1290		
Irradiado	3097	EXT	155°45'03"		93°30'21"		1,500	41,0900	41,0130		
Irradiado	3098	PC	182°55'37"		89°06'36"		1,500	33,5160	33,5120		
Irradiado	3099	PC	235°09'35"		78°36'28"		1,500	17,2210	16,8810		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D29	E	1,467				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL14		0°00'01"	180°00'10"	92°44'59"	267°14'58"	1,500	120,2770	120,1380		
Irradiado	3100	BAT	100°13'48"		95°49'15"		1,500	47,2920	47,0480		
Irradiado	3101	BAT	109°18'08"		95°22'48"		1,500	48,2170	48,0040		
Irradiado	3102	EXT	105°38'03"		95°23'58"		1,500	47,3930	47,1820		
Irradiado	3103	PCA	95°40'41"		97°26'16"		1,500	40,8540	40,5110		
Irradiado	3104	PC	98°17'32"		97°00'12"		1,500	36,9160	36,6410		
Irradiado	3105	BAT	78°14'56"		101°21'12"		1,500	27,6890	27,1470		
Irradiado	3106	BAT	87°01'26"		101°45'55"		1,500	25,9380	25,3930		
Irradiado	3107	BAT	94°18'37"		97°57'20"		1,500	41,0880	40,6930		
Irradiado	3108	BAT	88°37'01"		98°01'50"		1,500	42,0940	41,6820		
Irradiado	3109	EXT	91°37'20"		98°01'40"		1,500	41,5070	41,1010		
Irradiado	3110	MED	78°23'17"		100°00'41"		1,500	34,6700	34,1420		
Irradiado	3111	CA	70°46'12"		101°55'44"		1,500	25,0400	24,4990		
Irradiado	3112	CA	59°31'05"		100°29'34"		1,500	28,4320	27,9570		
Irradiado	3113	BAT	115°46'18"		95°13'15"		1,500	29,9010	29,7770		
Irradiado	3114	BAT	107°09'11"		95°49'00"		1,500	28,7610	28,6130		
Irradiado	3115	BAT	153°19'23"		94°33'12"		1,500	2,2540	2,2470		
Irradiado	3116	BAT	178°02'22"		90°35'56"		1,500	7,6950	7,6950		
Irradiado	3117	EXT	173°51'36"		90°52'36"		1,500	4,9350	4,9350		
Irradiado	3118	EXT	268°19'52"		84°14'25"		1,500	21,7440	21,6340		
Irradiado	3119	BAT	277°47'06"		84°48'03"		1,500	22,4070	22,3150		
Irradiado	3120	BAT	261°15'41"		84°11'21"		1,500	23,9100	23,7870		
Irradiado	3121	BAT	280°56'27"		84°23'22"		1,500	61,5980	61,3030		
Irradiado	3122	BAT	275°19'06"		84°20'42"		1,500	62,7210	62,4160		
Irradiado	3123	EXT	277°52'26"		84°17'45"		1,500	62,2040	61,8960		
Irradiado	3124	EXT	281°03'12"		84°35'46"		1,500	101,8210	101,3690		
Irradiado	3125	BAT	279°35'09"		84°35'52"		1,500	101,9680	101,5150		
Irradiado	3126	PE	280°36'02"		85°01'55"		1,500	168,8300	168,1960		
Irradiado	3127	CRI	280°07'28"		84°03'04"		1,500	169,0310	168,1210		
Irradiado	3128	CRI	279°25'56"		81°47'36"		1,500	145,9460	144,4510		
Irradiado	3129	PE	280°15'05"		84°49'22"		1,500	144,9780	144,3860		
Irradiado	3130	PE	279°31'10"		84°43'13"		1,500	117,4440	116,9450		
Irradiado	3131	CRI	278°24'50"		80°28'02"		1,500	118,8420	117,2010		
Irradiado	3132	CRI	276°17'47"		78°56'53"		1,500	93,4660	91,7320		
Irradiado	3133	PE	278°03'44"		84°22'12"		1,500	92,3010	91,8560		
Irradiado	3134	PE	273°26'08"		84°21'47"		1,500	61,5990	61,3010		
Irradiado	3135	CRI	274°03'57"		78°30'52"		1,500	75,9270	74,4070		
Irradiado	3136	PE	268°21'39"		84°34'15"		1,500	42,1810	41,9920		
Irradiado	3137	PE	254°23'28"		84°34'44"		1,500	20,7740	20,6810		
Irradiado	3138	PE	160°09'36"		94°14'43"		1,500	10,1850	10,1570		
Irradiado	3139	CRP	122°21'16"		96°04'18"		1,500	27,3280	27,1750		
Irradiado	3140	CRI	142°53'46"		92°47'57"		1,500	14,2850	14,2680		
Irradiado	3141	CRI	197°12'44"		84°35'10"		1,500	9,7880	9,7450		
Irradiado	3142	CRI	251°33'29"		81°49'27"		1,500	20,5340	20,3250		
Irradiado	3143	CRI	262°30'33"		78°57'58"		1,500	35,4730	34,8170		
Irradiado	3144	CRI	269°56'16"		79°41'16"		1,500	58,8000	57,8500		
Irradiado	3145	CRI	283°22'53"		79°03'16"		1,500	54,0190	53,0360		
Irradiado	3146	PCA	286°20'33"		76°56'46"		3,000	49,0750	47,8060		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D29	E	1,467				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	3147	CRI	284°28'53"		78°25'15"		1,500	38,5690	37,7840		
Irrradiado	3148	PE	281°04'34"		84°34'23"		1,500	52,0920	51,8580		
Irrradiado	3149	CRI	283°09'03"		80°52'16"		1,500	23,6130	23,3140		
Irrradiado	3150	PE	279°56'34"		84°50'07"		1,500	38,4920	38,3360		
Irrradiado	3151	PE	280°32'51"		84°41'14"		1,500	17,4590	17,3840		
Irrradiado	3152	PE	287°30'03"		82°11'08"		1,500	3,1170	3,0880		
Irrradiado	3153	CRI	295°22'31"		67°00'43"		1,500	3,4550	3,1810		
Irrradiado	3154	PE	348°19'35"		103°34'45"		1,500	5,6200	5,4630		
Irrradiado	3155	CRI	104°15'44"		95°23'50"		1,500	11,0880	11,0390		
Irrradiado	3156	PE	85°07'31"		104°55'04"		1,500	13,2950	12,8470		
Irrradiado	3157	CRI	106°16'37"		95°34'18"		1,500	23,2020	23,0920		
Irrradiado	3158	PE	96°15'35"		100°45'00"		1,500	23,1110	22,7050		
Irrradiado	3159	CRI	101°23'23"		95°31'23"		1,500	36,1320	35,9640		
Irrradiado	3160	PE	98°37'13"		96°54'21"		1,500	35,9620	35,7010		
Irrradiado	3161	CRP	98°55'09"		95°55'56"		1,500	50,7830	50,5110		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D30	E	1,590				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL14		359°59'59"	179°59'54"	88°08'46"	271°50'40"	1,500	21,3350	21,3240		
Auxiliar	D30.1	A	88°53'46"	268°53'28"	86°55'09"	273°05'15"	1,500	63,5140	63,4220		
Irrradiado	3162	BAT	21°00'15"		89°59'14"		1,500	5,3280	5,3280		
Irrradiado	3163	BAT	36°25'03"		88°41'46"		1,500	5,4400	5,4390		
Irrradiado	3164	BAT	49°45'51"		88°47'33"		1,500	5,8660	5,8650		
Irrradiado	3165	BAT	103°26'53"		90°31'03"		1,500	2,6860	2,6860		
Irrradiado	3166	BAT	100°23'36"		89°41'48"		1,500	3,5970	3,5970		
Irrradiado	3167	BAT	100°31'27"		88°58'52"		1,500	5,0320	5,0310		
Irrradiado	3168	BAT	71°37'50"		88°37'09"		1,500	8,1850	8,1830		
Irrradiado	3169	BAT	95°10'58"		88°00'04"		1,500	26,3300	26,3140		
Irrradiado	3170	BAT	86°47'28"		87°51'26"		1,500	26,0500	26,0320		
Irrradiado	3171	EXT	90°03'31"		88°12'46"		1,500	26,1190	26,1060		
Irrradiado	3172	EXT	92°00'02"		87°23'57"		1,500	46,0150	45,9680		
Irrradiado	3173	BAT	94°51'03"		87°22'12"		1,500	46,4300	46,3820		
Irrradiado	3174	BAT	89°35'24"		87°14'07"		1,500	46,7020	46,6480		
Irrradiado	3175	BAT	90°13'31"		87°10'22"		1,500	62,7880	62,7120		
Irrradiado	3176	BAT	91°29'30"		87°24'18"		1,500	68,5150	68,4450		
Irrradiado	3177	BAT	94°37'51"		87°35'19"		1,500	63,2160	63,1600		
Irrradiado	3178	BAT	95°04'15"		87°35'20"		1,500	64,7840	64,7270		
Irrradiado	3179	BAT	91°03'57"		87°12'56"		1,500	74,0150	73,9280		
Irrradiado	3180	ARV	93°12'54"		87°17'31"		1,500	69,8890	69,8110		
Irrradiado	3181	PC	90°48'58"		87°21'12"		1,500	66,1020	66,0320		
Irrradiado	3182	MU	95°24'27"		87°31'19"		1,500	53,8210	53,7700		
Irrradiado	3183	MUV	96°13'33"		87°32'25"		1,500	33,4670	33,4360		
Irrradiado	3184	CER	87°10'23"		87°07'03"		1,500	32,8810	32,8390		
Irrradiado	3185	CER	71°03'30"		88°10'02"		1,500	9,0300	9,0260		
Irrradiado	3186	MCER	64°07'13"		88°25'35"		1,500	8,9790	8,9760		
Irrradiado	3187	MED	55°22'44"		86°53'32"		1,500	9,8320	9,8180		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL13	E	1,565				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL12		0°00'00"	180°00'09"	87°04'07"	272°55'46"	1,500	76,2490	76,1500		
Irradiado	3188	MF	286°55'14"		91°58'41"		1,500	4,0910	4,0890		
Irradiado	3189	MF	299°05'39"		91°09'07"		1,500	3,5210	3,5200		
Irradiado	3190	MF	315°04'21"		88°04'46"		1,500	4,8480	4,8450		
Irradiado	3191	MF	56°14'18"		89°01'52"		1,500	4,3420	4,3420		
Irradiado	3192	MF	40°15'57"		88°00'58"		1,500	3,4470	3,4450		
Irradiado	3193	MF	353°49'05"		87°38'22"		1,500	18,9510	18,9350		
Irradiado	3194	MF	10°58'18"		87°22'39"		1,500	20,9450	20,9230		
Irradiado	3195	EXP	3°07'29"		87°06'41"		1,500	20,2780	20,2520		
Irradiado	3196	EXP	4°31'13"		87°22'45"		1,500	50,2150	50,1620		
Irradiado	3197	MF	1°01'08"		87°29'40"		1,500	50,5490	50,5000		
Irradiado	3198	MF	7°46'33"		87°30'48"		1,500	50,0110	49,9630		
Irradiado	3199	MF	2°00'41"		87°25'31"		1,500	65,9880	65,9210		
Irradiado	3200	MF	1°52'06"		87°25'22"		1,500	66,9860	66,9180		
Irradiado	3201	MF	1°11'36"		87°20'10"		1,500	67,2110	67,1390		
Irradiado	3202	MF	7°15'28"		87°28'55"		1,500	66,5400	66,4760		
Irradiado	3203	MF	7°33'05"		87°29'05"		1,500	67,2800	67,2150		
Irradiado	3204	MF	8°09'04"		87°29'26"		1,500	67,5790	67,5140		
Irradiado	3205	CA	8°55'20"		87°14'38"		1,500	66,0930	66,0170		
Irradiado	3206	CED	9°33'20"		86°59'53"		1,500	59,6800	59,5980		
Irradiado	3207	CED	9°57'48"		87°14'32"		1,500	56,9620	56,8960		
Irradiado	3208	CED	10°02'16"		87°14'16"		1,500	55,1100	55,0460		
Irradiado	3209	CED	10°15'53"		87°07'53"		1,500	38,2080	38,1600		
Irradiado	3210	CA	13°20'34"		86°48'05"		1,500	24,8780	24,8390		
Irradiado	3211	CA	31°33'59"		86°50'16"		1,500	7,8080	7,7960		
Irradiado	3212	CA	57°41'00"		88°38'01"		1,500	4,3610	4,3600		
Irradiado	3213	CA	239°21'00"		88°06'32"		2,500	29,1860	29,1700		
Irradiado	3214	CA	228°29'02"		88°17'46"		2,500	23,4550	23,4440		
Irradiado	3215	CA	222°14'44"		88°28'47"		2,500	21,5090	21,5010		
Irradiado	3216	CA	203°01'34"		88°13'37"		2,500	17,6780	17,6690		
Irradiado	3217	MED	347°44'03"		86°11'52"		1,500	16,9810	16,9430		
Irradiado	3218	MUD	352°17'35"		87°08'47"		1,500	21,3220	21,2950		
Irradiado	3219	MED	352°30'08"		87°08'48"		1,500	22,1100	22,0820		
Irradiado	3220	MED	356°07'42"		87°13'40"		1,500	31,8420	31,8050		
Irradiado	3221	MUD	356°49'42"		87°13'55"		1,500	35,1630	35,1220		
Irradiado	3222	MED	358°42'52"		86°46'30"		1,500	53,4150	53,3300		
Irradiado	3223	CA	359°08'52"		86°53'51"		1,500	65,6920	65,5960		
Irradiado	3224	PC	8°44'45"		87°14'30"		1,500	46,5670	46,5140		
Irradiado	3225	PC	21°23'09"		86°13'52"		1,500	10,8470	10,8240		
Irradiado	3226	MF	169°35'03"		93°31'57"		1,500	12,7700	12,7460		
Irradiado	3227	MF	164°46'25"		92°51'35"		1,500	12,5920	12,5770		
Irradiado	3228	MF	81°37'52"		92°21'32"		1,500	3,7840	3,7810		
Irradiado	3229	MF	115°46'36"		89°33'26"		1,500	12,1680	12,1680		
Irradiado	3230	MF	123°00'42"		90°02'13"		1,500	11,6660	11,6660		
Irradiado	3231	MF	125°03'27"		90°15'36"		1,500	13,3110	13,3110		
Irradiado	3232	MF	90°29'12"		90°27'06"		1,500	10,7790	10,7790		
Irradiado	3233	MF	139°32'20"		91°33'08"		1,500	16,5230	16,5160		
Irradiado	3234	EXP	102°53'19"		89°51'01"		1,500	12,9930	12,9930		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL13	E	1,565				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3235	EXP	133°28'07"		90°30'17"		1,500	14,6880	14,6870		
Irradiado	3236	EXP	108°14'47"		89°54'04"		1,500	38,1700	38,1700		
Irradiado	3237	EXP	97°23'24"		89°52'10"		1,500	35,9620	35,9620		
Irradiado	3238	MF	93°39'34"		89°55'20"		1,500	35,9150	35,9150		
Irradiado	3239	MF	111°39'34"		90°00'56"		1,500	38,8660	38,8660		
Irradiado	3240	MF	101°18'13"		89°44'51"		1,500	36,3230	36,3230		
Irradiado	3241	MF	104°56'13"		89°47'19"		1,500	37,1240	37,1240		
Irradiado	3242	MF	99°05'29"		89°55'43"		1,500	55,4930	55,4930		
Irradiado	3243	MF	94°02'37"		89°03'49"		2,600	56,3420	56,3340		
Irradiado	3244	MF	100°15'41"		90°08'14"		1,500	62,1590	62,1590		
Irradiado	3245	MF	105°03'01"		90°31'34"		1,500	61,3050	61,3020		
Irradiado	3246	EXP	102°31'32"		90°12'08"		1,500	61,3290	61,3290		
Irradiado	3247	EXP	96°42'33"		90°05'23"		1,500	64,1610	64,1610		
Irradiado	3248	MF	100°00'03"		90°09'41"		1,500	64,8440	64,8440		
Irradiado	3249	MF	99°21'31"		90°09'42"		1,500	65,9650	65,9650		
Irradiado	3250	MF	98°28'21"		90°04'38"		1,500	64,7000	64,7000		
Irradiado	3251	ARV	99°53'21"		89°58'50"		1,500	57,6500	57,6500		
Irradiado	3252	ARV	100°03'34"		89°58'53"		1,500	54,3010	54,3010		
Irradiado	3253	ARV	100°46'26"		89°53'10"		1,500	49,3400	49,3390		
Irradiado	3254	PC	93°21'49"		89°51'57"		1,500	44,8050	44,8050		
Irradiado	3255	ARV	104°35'34"		89°32'45"		1,500	31,6540	31,6530		
Irradiado	3256	PC	90°10'40"		90°05'18"		1,500	13,5860	13,5860		
Irradiado	3257	ARV	110°13'47"		89°29'09"		1,500	20,4460	20,4450		
Irradiado	3258	ARV	117°30'57"		89°56'27"		1,500	13,2210	13,2210		
Irradiado	3259	CED	82°40'56"		90°11'47"		1,500	11,3600	11,3600		
Irradiado	3260	CED	86°16'40"		89°24'23"		1,500	15,5800	15,5790		
Irradiado	3261	CED	89°44'42"		89°38'53"		1,500	23,5920	23,5910		
Irradiado	3262	CERD	90°38'13"		89°38'17"		1,500	27,9440	27,9430		
Irradiado	3263	CED	90°49'26"		89°38'13"		1,500	28,1660	28,1650		
Irradiado	3264	ED	91°22'34"		89°38'19"		1,500	33,1260	33,1250		
Irradiado	3265	MED	91°41'58"		89°43'36"		1,500	37,9610	37,9610		
Irradiado	3266	MED	92°23'27"		89°50'31"		1,500	50,2930	50,2920		
Irradiado	3267	MED	92°42'44"		89°54'35"		1,500	58,1080	58,1080		
Irradiado	3268	MED	92°52'21"		90°02'48"		1,500	59,5970	59,5970		
Irradiado	3269	CA	92°55'51"		90°02'39"		1,500	72,8280	72,8280		
Irradiado	3270	ARV	105°22'11"		90°20'13"		1,500	67,2020	67,2010		
Irradiado	3271	ARV	106°37'14"		90°27'56"		1,500	62,2670	62,2650		
Irradiado	3272	ARV	107°42'03"		90°21'29"		1,500	57,8340	57,8330		
Irradiado	3273	ARV	109°14'32"		90°03'00"		1,500	47,2340	47,2340		
Irradiado	3274	CA	106°24'13"		90°25'08"		1,500	54,8800	54,8780		
Irradiado	3275	CA	108°00'13"		90°09'02"		1,500	49,3420	49,3410		
Irradiado	3276	MED	109°34'03"		90°06'45"		1,500	49,5960	49,5950		
Irradiado	3277	CA	111°47'52"		89°59'45"		2,000	49,0010	49,0010		
Irradiado	3278	CA	114°18'47"		89°26'22"		2,600	41,9350	41,9330		
Irradiado	3279	MED	115°02'48"		89°14'10"		2,000	36,8590	36,8560		
Irradiado	3280	MED	120°17'24"		88°14'48"		2,600	30,1640	30,1500		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D30.1	E	1,628				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D30		0°00'01"	180°00'10"	93°16'21"	266°43'51"	1,500	63,5390	63,4350		
Irradiado	3281	BAT	238°51'30"		92°51'48"		1,500	15,9490	15,9290		
Irradiado	3282	BAT	234°41'29"		92°46'46"		1,500	14,9920	14,9740		
Irradiado	3283	BAT	225°38'04"		92°47'35"		1,500	13,5910	13,5750		
Irradiado	3284	BAT	211°32'06"		89°57'27"		1,500	13,1950	13,1950		
Irradiado	3285	BAT	161°41'52"		85°54'57"		1,500	14,7590	14,7210		
Irradiado	3286	BAT	165°00'18"		85°58'33"		1,500	10,7380	10,7120		
Irradiado	3287	EXT	162°46'17"		85°54'57"		1,500	13,0090	12,9760		
Irradiado	3288	BAT	102°07'19"		82°32'10"		1,500	18,7710	18,6120		
Irradiado	3289	BAT	105°26'34"		82°29'21"		1,500	26,3900	26,1630		
Irradiado	3290	EXT	99°45'16"		82°50'28"		1,500	25,7410	25,5400		
Irradiado	3291	BAT	93°00'37"		83°11'07"		1,500	45,9550	45,6310		
Irradiado	3292	BAT	85°01'50"		83°34'34"		1,500	44,6220	44,3420		
Irradiado	3293	EXT	87°12'29"		83°44'24"		1,500	52,3030	51,9910		
Irradiado	3294	BAT	83°44'52"		84°22'07"		1,500	62,3570	62,0560		
Irradiado	3295	EXT	86°13'39"		84°15'30"		1,500	62,6440	62,3300		
Irradiado	3296	BAT	88°09'54"		84°09'38"		1,500	70,3700	70,0050		
Irradiado	3297	PC	92°36'44"		83°17'12"		1,500	55,5670	55,1860		
Irradiado	3298	PC	101°20'30"		82°18'23"		1,500	59,2060	58,6730		
Irradiado	3299	PC	140°35'41"		82°47'51"		1,500	33,5450	33,2800		
Irradiado	3300	ARV	146°01'09"		83°07'45"		1,500	32,2110	31,9800		
Irradiado	3301	ARV	156°42'21"		83°30'02"		1,500	34,1050	33,8860		
Irradiado	3302	ARV	160°33'08"		83°48'38"		1,500	31,2500	31,0680		
Irradiado	3303	CA	161°33'39"		82°47'19"		1,500	38,4880	38,1840		
Irradiado	3304	MED	150°42'22"		82°38'17"		1,500	39,0880	38,7660		
Irradiado	3305	MED	142°22'12"		82°24'05"		1,500	40,5530	40,1970		
Irradiado	3306	CA	141°03'39"		82°34'01"		1,000	37,4050	37,0910		
Irradiado	3307	CA	129°55'49"		81°57'16"		1,500	40,0220	39,6280		
Irradiado	3308	MU	127°31'18"		82°00'40"		1,500	40,9950	40,5970		
Irradiado	3309	CA	124°15'21"		82°17'47"		1,500	42,1040	41,7240		
Irradiado	3310	CA	116°52'35"		82°14'33"		1,000	46,0020	45,5810		
Irradiado	3311	MU	115°19'09"		82°38'14"		1,000	47,2070	46,8180		
Irradiado	3312	CA	113°15'48"		82°32'09"		1,000	49,5740	49,1530		
Irradiado	3313	MED	106°56'50"		82°36'12"		1,500	53,8030	53,3550		
Irradiado	3314	MUV	105°03'41"		82°28'32"		1,500	55,7050	55,2250		
Irradiado	3315	CA	103°02'27"		82°58'02"		1,500	74,1110	73,5540		
Irradiado	3316	CED	100°52'09"		83°09'55"		1,500	82,6160	82,0280		
Irradiado	3317	CERV	99°14'27"		82°30'46"		1,500	93,8360	93,0360		
Irradiado	3318	CA	96°56'43"		82°39'29"		1,500	99,4660	98,6510		
Irradiado	3319	CA	94°48'00"		82°48'31"		1,500	110,7050	109,8350		
Irradiado	3320	CA	80°04'05"		84°30'26"		1,500	77,8300	77,4730		
Irradiado	3321	CA	80°50'01"		84°45'41"		1,500	84,0450	83,6940		
Irradiado	3322	ARV	68°43'02"		85°21'05"		1,500	41,5110	41,3750		
Irradiado	3323	CERV	68°43'24"		85°05'54"		1,500	36,5090	36,3760		
Irradiado	3324	CERD	69°43'07"		84°39'34"		1,500	21,4710	21,3780		
Irradiado	3325	CER	69°10'08"		87°02'51"		1,500	4,8820	4,8760		
Irradiado	3326	CER	2°33'15"		92°58'10"		1,500	16,3910	16,3690		
Irradiado	3327	MF	264°09'48"		95°43'50"		1,500	9,2070	9,1610		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D30.1	E	1,628				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3328	MF	238°24'24"		92°45'24"		1,500	16,0010	15,9820		
Irradiado	3329	MF	237°35'21"		92°01'33"		1,500	22,1820	22,1680		
Irradiado	3330	MF	264°55'26"		93°27'31"		1,500	24,1850	24,1410		
Irradiado	3331	MF	265°26'45"		93°04'02"		1,500	34,8070	34,7570		
Irradiado	3332	MF	238°18'08"		91°26'40"		1,500	32,3680	32,3580		
Irradiado	3333	MF	248°39'02"		92°01'00"		1,500	33,6110	33,5900		
Irradiado	3334	MF	250°36'50"		92°11'15"		1,500	33,5700	33,5460		
Irradiado	3335	MF	246°32'50"		91°51'48"		1,500	34,6290	34,6110		
Irradiado	3336	MF	252°09'38"		92°13'34"		1,500	34,4030	34,3770		
Irradiado	3337	EXP	242°39'26"		91°40'51"		1,500	33,8720	33,8570		
Irradiado	3338	EXP	259°16'25"		92°34'25"		1,500	34,5230	34,4880		
Irradiado	3339	EXP	241°33'34"		91°14'16"		1,500	49,4730	49,4610		
Irradiado	3340	EXP	262°31'37"		92°30'10"		1,500	52,4260	52,3760		
Irradiado	3341	MF	244°30'20"		91°27'19"		1,500	49,2840	49,2680		
Irradiado	3342	MF	238°50'25"		91°01'16"		1,500	49,3520	49,3440		
Irradiado	3343	MF	266°47'16"		92°51'05"		1,500	52,0060	51,9410		
Irradiado	3344	MF	243°53'48"		91°19'10"		1,500	56,2380	56,2230		
Irradiado	3345	MF	258°21'03"		92°21'44"		1,500	53,2780	53,2320		
Irradiado	3346	MF	244°35'15"		91°19'57"		1,500	57,0560	57,0400		
Irradiado	3347	MF	246°00'56"		91°26'05"		1,500	57,0340	57,0160		
Irradiado	3348	MF	258°48'40"		92°23'41"		1,500	55,4370	55,3880		
Irradiado	3349	MF	258°24'58"		92°22'46"		1,500	56,1420	56,0930		
Irradiado	3350	MF	257°55'44"		92°17'16"		1,500	56,4540	56,4090		
Irradiado	3351	MF	239°08'07"		90°54'04"		1,500	58,5160	58,5090		
Irradiado	3352	MF	239°33'18"		90°49'49"		1,500	70,0960	70,0890		
Irradiado	3353	ARV	239°59'24"		90°53'59"		1,500	67,9910	67,9830		
Irradiado	3354	ARV	256°35'05"		92°06'17"		1,500	52,3560	52,3200		
Irradiado	3355	PC	238°49'14"		90°45'28"		1,500	58,1120	58,1070		
Irradiado	3356	ARV	254°17'23"		92°04'20"		1,500	44,7560	44,7270		
Irradiado	3357	ARV	252°54'40"		92°05'58"		1,500	40,8680	40,8410		
Irradiado	3358	PC	238°04'31"		91°25'25"		1,500	28,4540	28,4450		
Irradiado	3359	TP	251°36'23"		92°08'44"		1,500	36,9510	36,9250		
Irradiado	3360	PC	236°50'43"		92°47'56"		1,500	15,6950	15,6760		
Irradiado	3361	PC	265°45'42"		92°45'52"		1,500	34,8620	34,8220		
Irradiado	3362	PC	220°45'36"		98°13'54"		1,500	3,4070	3,3720		
Irradiado	3363	ARV	216°30'44"		91°33'57"		1,500	8,3840	8,3810		
Irradiado	3364	MED	323°22'44"		95°27'09"		1,500	12,2160	12,1610		
Irradiado	3365	CA	269°55'33"		94°46'08"		1,500	7,3240	7,2990		
Irradiado	3366	MED	269°12'53"		92°38'29"		1,500	16,4210	16,4030		
Irradiado	3367	MUD	269°01'27"		93°14'38"		1,500	20,4120	20,3790		
Irradiado	3368	MED	268°44'39"		92°55'24"		1,500	27,1550	27,1200		
Irradiado	3369	MED	268°53'03"		92°49'08"		1,500	33,6550	33,6140		
Irradiado	3370	MED	268°48'35"		92°43'53"		1,500	36,8940	36,8520		
Irradiado	3371	MED	268°39'59"		92°40'54"		1,500	44,4210	44,3730		
Irradiado	3372	MED	268°39'59"		92°40'51"		1,500	46,3200	46,2700		
Irradiado	3373	CED	239°02'34"		90°23'48"		1,500	76,3060	76,3050		
Irradiado	3374	MED	238°36'59"		90°40'22"		1,500	67,7140	67,7090		
Irradiado	3375	MED	238°30'23"		90°40'22"		1,500	65,6970	65,6930		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D30.1	E	1,628				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3376	CED	238°01'09"		90°41'28"		1,500	57,9600	57,9560		
Irradiado	3377	MCER	236°54'32"		90°57'23"		1,500	40,7360	40,7310		
Irradiado	3378	MUD	233°57'57"		91°21'04"		1,500	26,3780	26,3710		
Irradiado	3379	MED	233°13'31"		91°17'28"		1,500	24,2950	24,2890		
Irradiado	3380	MED	229°06'03"		92°22'38"		1,500	16,0480	16,0340		
Irradiado	3381	MUV	228°20'04"		92°22'29"		1,500	14,9850	14,9720		
Irradiado	3382	CA	202°09'43"		87°15'48"		1,500	5,7990	5,7930		
Irradiado	3383	CA	164°54'46"		85°46'28"		1,500	5,3940	5,3800		
Irradiado	3384	CA	171°11'55"		70°13'08"		5,000	10,4860	9,8680		
Irradiado	3385	CA	233°11'56"		89°25'34"		1,800	27,4930	27,4910		
Irradiado	3386	CA	233°58'19"		89°25'36"		2,000	35,5270	35,5250		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL12	E	1,507				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL11		359°59'59"	179°59'55"	88°24'38"	271°35'30"	1,500	114,2960	114,2520		
Irradiado	3387	EXP	33°58'41"		94°04'17"		1,500	6,7170	6,7000		
Irradiado	3388	MF	73°39'40"		95°05'45"		1,500	10,6380	10,5960		
Irradiado	3389	MF	73°57'28"		95°28'08"		1,500	9,3980	9,3560		
Irradiado	3390	MF	77°49'24"		94°58'36"		1,500	9,1960	9,1620		
Irradiado	3391	MF	47°54'16"		94°06'07"		1,500	13,4450	13,4110		
Irradiado	3392	MF	44°53'33"		94°09'55"		1,500	12,9450	12,9110		
Irradiado	3393	MF	41°53'06"		93°59'42"		1,500	13,3340	13,3020		
Irradiado	3394	MF	324°08'49"		90°22'09"		1,500	11,8730	11,8730		
Irradiado	3395	MF	336°03'37"		91°33'50"		1,500	11,0240	11,0200		
Irradiado	3396	MF	344°27'32"		91°16'31"		1,500	11,9350	11,9320		
Irradiado	3397	MF	15°08'14"		91°13'25"		1,500	33,4300	33,4220		
Irradiado	3398	MF	353°57'05"		90°17'15"		1,500	33,9650	33,9650		
Irradiado	3399	EXP	3°01'12"		90°23'14"		1,500	33,8420	33,8410		
Irradiado	3400	EXP	1°31'52"		89°33'32"		1,500	64,5940	64,5920		
Irradiado	3401	MF	356°19'01"		89°26'30"		1,500	63,9780	63,9750		
Irradiado	3402	MF	7°20'20"		90°05'15"		1,500	65,1180	65,1180		
Irradiado	3403	MF	5°49'15"		89°17'04"		1,500	81,2880	81,2810		
Irradiado	3404	MF	6°09'26"		89°19'29"		1,500	81,6800	81,6740		
Irradiado	3405	MF	357°00'06"		88°13'39"		1,500	82,2390	82,1990		
Irradiado	3406	EXP	359°27'02"		88°27'01"		1,500	87,4860	87,4540		
Irradiado	3407	MF	5°41'56"		89°22'13"		1,500	93,0550	93,0490		
Irradiado	3408	MF	5°51'11"		89°25'03"		1,500	91,8870	91,8820		
Irradiado	3409	MF	5°09'46"		89°11'28"		1,500	102,5860	102,5760		
Irradiado	3410	MF	0°49'19"		88°34'51"		1,500	103,7430	103,7110		
Irradiado	3411	MF	0°23'24"		88°31'06"		1,500	104,0600	104,0250		
Irradiado	3412	MF	0°12'55"		88°30'10"		1,500	104,7170	104,6810		
Irradiado	3413	MF	357°15'01"		88°13'42"		1,500	103,9820	103,9330		
Irradiado	3414	EXP	358°50'19"		88°18'41"		1,500	104,3070	104,2620		
Irradiado	3415	PC	4°30'16"		89°09'46"		1,500	95,8450	95,8350		
Irradiado	3416	PC	356°52'36"		88°06'54"		1,500	81,5440	81,4990		
Irradiado	3417	PC	5°26'05"		89°12'37"		1,500	81,1900	81,1820		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL12	E	1,507				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3418	PC	12°39'29"		90°43'15"		1,500	39,6910	39,6880		
Irradiado	3419	PC	36°47'37"		92°47'12"		1,500	14,8500	14,8320		
Irradiado	3420	PC	328°58'44"		89°34'29"		1,500	11,4930	11,4930		
Irradiado	3421	MED	26°44'32"		91°26'48"		1,500	22,2380	22,2310		
Irradiado	3422	MED	23°32'41"		91°28'05"		1,500	25,0530	25,0450		
Irradiado	3423	MED	18°10'50"		90°57'18"		1,500	31,4610	31,4570		
Irradiado	3424	MU	15°47'31"		90°48'53"		1,500	35,7480	35,7450		
Irradiado	3425	CA	14°31'13"		90°43'04"		1,500	38,0710	38,0680		
Irradiado	3426	MED	12°02'46"		90°30'49"		1,500	44,8850	44,8840		
Irradiado	3427	MED	11°33'30"		90°57'53"		1,500	47,0500	47,0440		
Irradiado	3428	MED	10°10'36"		90°19'04"		1,500	53,1420	53,1410		
Irradiado	3429	MED	9°10'10"		90°20'50"		1,500	58,8060	58,8050		
Irradiado	3430	MED	8°09'37"		90°04'15"		1,500	66,4540	66,4540		
Irradiado	3431	MED	7°56'41"		89°45'56"		1,500	69,0880	69,0880		
Irradiado	3432	CA	7°03'58"		90°03'42"		0,500	79,2980	79,2980		
Irradiado	3433	CA	6°00'51"		89°18'18"		1,500	93,9760	93,9690		
Irradiado	3434	MED	5°35'28"		89°03'42"		1,500	103,4560	103,4420		
Irradiado	3435	MED	5°33'34"		89°01'56"		1,500	105,4200	105,4050		
Irradiado	3436	CA	356°16'15"		88°00'59"		1,500	92,6420	92,5860		
Irradiado	3437	CA	355°33'19"		87°57'05"		1,500	80,4940	80,4420		
Irradiado	3438	CA	355°26'01"		87°59'47"		1,500	79,5660	79,5180		
Irradiado	3439	CA	354°51'42"		88°42'20"		1,500	69,9470	69,9290		
Irradiado	3440	CA	352°35'03"		86°10'04"		4,500	68,6460	68,4930		
Irradiado	3441	CA	351°04'10"		85°45'43"		4,500	61,3590	61,1910		
Irradiado	3442	MU	354°10'12"		89°30'38"		1,500	60,0170	60,0150		
Irradiado	3443	MED	353°43'49"		89°44'31"		1,500	52,6960	52,6950		
Irradiado	3444	MED	352°52'21"		89°49'50"		1,500	44,5060	44,5060		
Irradiado	3445	MUD	352°11'21"		89°56'06"		1,500	40,2000	40,2000		
Irradiado	3446	MED	351°43'28"		89°58'01"		1,500	37,4530	37,4530		
Irradiado	3447	MED	349°57'13"		89°40'21"		1,500	25,7690	25,7680		
Irradiado	3448	MU	341°52'03"		89°36'07"		1,500	12,6520	12,6520		
Irradiado	3449	MU	335°42'34"		89°34'40"		1,500	11,6820	11,6820		
Irradiado	3450	MU	327°38'40"		89°18'28"		1,500	12,3540	12,3540		
Irradiado	3451	MU	311°45'32"		88°21'15"		1,500	16,2930	16,2860		
Irradiado	3452	MU	306°00'28"		87°53'02"		1,500	22,6130	22,5970		
Irradiado	3453	MU	306°26'11"		85°03'31"		2,500	31,0990	30,9830		
Irradiado	3454	CA	307°27'51"		84°46'52"		3,000	24,8640	24,7610		
Irradiado	3455	CA	336°00'09"		84°32'34"		2,600	16,4860	16,4110		
Irradiado	3456	CA	343°15'18"		85°53'28"		2,600	23,3060	23,2460		
Irradiado	3457	MF	317°57'35"		89°40'06"		1,500	13,0930	13,0930		
Irradiado	3458	MF	308°17'18"		88°50'05"		1,500	17,4150	17,4110		
Irradiado	3459	MF	304°43'43"		88°23'29"		1,500	23,7240	23,7140		
Irradiado	3460	MF	305°55'23"		87°33'58"		1,500	31,2900	31,2620		
Irradiado	3461	MF	291°40'00"		87°34'07"		1,500	28,7910	28,7650		
Irradiado	3462	MF	293°55'04"		87°27'58"		1,500	30,9780	30,9480		
Irradiado	3463	EXP	300°10'51"		87°20'18"		1,500	30,5170	30,4840		
Irradiado	3464	MF	302°58'46"		86°29'55"		1,500	46,0960	46,0100		
Irradiado	3465	MF	304°13'45"		86°29'55"		1,500	51,1550	51,0590		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL12	E	1,507				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3466	MF	304°48'36"		86°22'03"		1,500	54,5440	54,4340		
Irradiado	3467	MF	305°05'48"		86°17'04"		1,500	58,3460	58,2230		
Irradiado	3468	CED	303°27'05"		85°53'45"		1,500	57,1000	56,9530		
Irradiado	3469	CA	301°31'20"		85°42'52"		1,500	47,5170	47,3840		
Irradiado	3470	CER	301°16'07"		86°18'36"		1,500	45,8270	45,7320		
Irradiado	3471	CA	299°09'21"		86°16'08"		1,500	45,1660	45,0710		
Irradiado	3472	CED	295°10'02"		86°15'58"		1,500	38,4210	38,3400		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D24	E	1,690				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL16		0°00'00"	180°00'09"	92°30'26"	267°29'03"	1,500	89,9420	89,8560		
Irradiado	3473	MF	355°49'09"		93°18'38"		1,500	62,8790	62,7740		
Irradiado	3474	MF	0°21'30"		93°11'08"		1,500	63,2480	63,1500		
Irradiado	3475	EXP	358°02'55"		93°07'42"		1,500	63,1510	63,0570		
Irradiado	3476	PC	1°03'51"		93°09'10"		1,500	59,6620	59,5720		
Irradiado	3477	EXP	0°01'14"		93°22'31"		1,500	38,2380	38,1720		
Irradiado	3478	MF	356°23'40"		93°36'00"		1,500	38,1190	38,0440		
Irradiado	3479	MF	3°49'08"		93°31'10"		1,500	38,4260	38,3540		
Irradiado	3480	PC	7°33'43"		93°18'51"		1,500	29,0590	29,0100		
Irradiado	3481	MF	0°29'37"		94°41'33"		1,500	12,1160	12,0760		
Irradiado	3482	MF	21°46'04"		93°58'19"		1,500	13,5960	13,5640		
Irradiado	3483	MF	25°56'40"		94°08'13"		1,500	11,9330	11,9020		
Irradiado	3484	MF	37°19'33"		94°07'57"		1,500	10,6220	10,5950		
Irradiado	3485	MF	49°00'04"		93°20'35"		1,500	11,0970	11,0780		
Irradiado	3486	EXP	110°25'06"		91°30'47"		1,500	4,8620	4,8600		
Irradiado	3487	EXP	40°33'34"		94°00'39"		1,500	5,0490	5,0370		
Irradiado	3488	PC	123°33'58"		89°32'09"		1,500	8,3460	8,3460		
Irradiado	3489	MF	121°10'25"		91°21'51"		1,500	8,2510	8,2490		
Irradiado	3490	MF	125°34'04"		90°45'11"		1,500	7,8900	7,8900		
Irradiado	3491	MF	128°26'52"		90°22'21"		1,500	8,7580	8,7580		
Irradiado	3492	CA	125°29'57"		89°03'39"		1,500	10,0100	10,0090		
Irradiado	3493	MF	155°35'20"		92°47'06"		1,500	3,8670	3,8630		
Irradiado	3494	MF	163°10'44"		90°19'30"		1,500	6,2110	6,2110		
Irradiado	3495	MF	176°01'30"		89°26'38"		1,500	8,3910	8,3910		
Irradiado	3496	MF	195°45'28"		87°00'31"		1,500	14,3180	14,2990		
Irradiado	3497	MF	204°10'29"		86°19'43"		1,500	18,1980	18,1600		
Irradiado	3498	MF	211°38'29"		86°18'09"		1,500	20,4680	20,4250		
Irradiado	3499	MF	185°06'56"		87°04'52"		1,500	21,5390	21,5110		
Irradiado	3500	MF	214°10'45"		86°25'21"		1,500	21,4980	21,4560		
Irradiado	3501	MF	181°50'57"		87°11'27"		1,500	21,8530	21,8260		
Irradiado	3502	MF	179°46'03"		87°11'18"		1,500	23,4830	23,4540		
Irradiado	3503	MF	178°21'18"		86°47'37"		1,500	42,1760	42,1100		
Irradiado	3504	MF	165°39'02"		86°50'37"		1,500	41,2360	41,1740		
Irradiado	3505	EXP	172°43'04"		86°36'59"		1,500	42,2160	42,1430		
Irradiado	3506	PC	165°41'23"		86°36'36"		1,500	42,5840	42,5100		
Irradiado	3507	MF	177°45'12"		86°28'41"		1,500	60,9320	60,8170		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D24	E	1,690				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	3508	MF	168°54'59"		86°31'15"		1,500	63,6620	63,5450		
Irrradiado	3509	EXP	173°31'23"		86°20'18"		1,500	63,3220	63,1930		
Irrradiado	3510	MF	169°37'53"		86°03'29"		1,500	72,9820	72,8100		
Irrradiado	3511	MF	177°29'12"		86°03'41"		1,500	72,0040	71,8340		
Irrradiado	3512	EXP	167°31'48"		87°13'46"		1,500	18,4800	18,4580		
Irrradiado	3513	MED	153°21'15"		87°03'53"		1,500	21,1330	21,1050		
Irrradiado	3514	MUD	165°07'46"		86°28'34"		1,500	47,7900	47,6990		
Irrradiado	3515	MED	166°24'58"		86°22'06"		1,500	57,9870	57,8700		
Irrradiado	3516	MED	179°39'57"		86°04'35"		1,500	66,6050	66,4490		
Irrradiado	3517	MUD	179°51'00"		86°10'13"		1,500	60,3820	60,2470		
Irrradiado	3518	MED	182°04'23"		84°33'55"		3,000	39,4600	39,2830		
Irrradiado	3519	CA	181°46'42"		86°28'39"		1,500	38,6780	38,6050		
Irrradiado	3520	CA	186°48'08"		85°26'58"		1,500	23,5820	23,5070		
Irrradiado	3521	MED	201°14'02"		85°39'09"		1,500	25,8940	25,8190		
Irrradiado	3522	MED	205°14'06"		85°46'30"		1,500	26,8810	26,8080		
Irrradiado	3523	MED	220°10'24"		86°06'12"		1,500	33,3810	33,3040		
Irrradiado	3524	CA	62°16'50"		90°29'21"		1,500	27,7780	27,7770		
Irrradiado	3525	CA	30°20'13"		93°19'53"		1,500	12,8370	12,8160		
Irrradiado	3526	ED	15°24'08"		93°12'04"		1,500	21,2320	21,1990		
Irrradiado	3527	CA	11°01'37"		93°12'44"		1,500	26,1210	26,0800		
Irrradiado	3528	MED	11°02'23"		93°12'57"		1,500	27,0210	26,9780		
Irrradiado	3529	MED	11°06'02"		93°09'35"		1,500	27,6510	27,6090		
Irrradiado	3530	CA	10°05'33"		93°14'27"		1,500	27,5550	27,5110		
Irrradiado	3531	MED	5°51'56"		93°12'26"		1,500	39,5360	39,4740		
Irrradiado	3532	MU	2°02'33"		93°04'39"		1,500	60,3020	60,2150		
Irrradiado	3533	MU	0°04'38"		92°53'06"		1,500	75,2750	75,1800		
Irrradiado	3534	CA	2°24'25"		91°56'41"		2,600	66,1610	66,1230		
Irrradiado	3535	CA	1°10'15"		92°02'29"		2,600	75,3620	75,3150		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,545				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL17		359°59'59"	180°00'06"	92°21'39"	267°38'15"	1,500	99,4140	99,3300		
Irrradiado	3536	MF	146°18'45"		93°25'55"		1,500	5,1900	5,1810		
Irrradiado	3537	MF	120°37'05"		93°58'35"		1,500	5,2710	5,2590		
Irrradiado	3538	MF	19°39'06"		93°03'18"		1,500	10,9270	10,9120		
Irrradiado	3539	MF	25°51'33"		92°51'47"		1,500	10,6380	10,6250		
Irrradiado	3540	MF	72°03'28"		91°37'23"		1,500	11,2040	11,2000		
Irrradiado	3541	MF	75°29'34"		91°37'14"		1,500	11,1670	11,1630		
Irrradiado	3542	MF	77°55'50"		91°26'27"		1,500	11,7450	11,7420		
Irrradiado	3543	MF	70°24'10"		91°44'57"		1,500	11,4430	11,4380		
Irrradiado	3544	EXP	59°19'34"		90°49'26"		1,500	13,6920	13,6910		
Irrradiado	3545	EXP	91°04'36"		90°45'53"		1,500	10,6640	10,6630		
Irrradiado	3546	EXP	78°21'45"		90°08'16"		1,500	33,4660	33,4660		
Irrradiado	3547	EXP	90°45'52"		90°04'22"		1,500	32,2440	32,2440		
Irrradiado	3548	MF	94°54'16"		90°18'10"		1,500	32,6130	32,6130		
Irrradiado	3549	MF	86°20'15"		90°19'11"		1,500	32,4760	32,4760		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,545				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3550	MF	75°40'35"		90°16'46"		1,500	37,5420	37,5420		
Irradiado	3551	MF	83°43'43"		90°15'32"		1,500	36,3320	36,3320		
Irradiado	3552	MF	93°13'51"		89°59'59"		1,500	52,4330	52,4330		
Irradiado	3553	MF	87°49'23"		89°57'54"		1,500	52,9080	52,9080		
Irradiado	3554	MF	81°51'54"		89°58'01"		1,500	64,6880	64,6880		
Irradiado	3555	MF	86°37'12"		89°57'31"		1,500	63,4070	63,4070		
Irradiado	3556	MF	86°45'43"		89°54'06"		1,500	65,4680	65,4680		
Irradiado	3557	MF	87°20'02"		89°54'35"		1,500	65,8990	65,8990		
Irradiado	3558	MF	88°14'51"		89°54'47"		1,500	64,9200	64,9200		
Irradiado	3559	MF	92°39'20"		89°51'26"		1,500	66,0110	66,0110		
Irradiado	3560	EXP	85°15'56"		89°54'05"		1,500	72,2750	72,2750		
Irradiado	3561	EXP	90°21'24"		89°36'20"		1,500	71,8900	71,8890		
Irradiado	3562	MF	82°30'56"		89°57'51"		1,500	68,9870	68,9870		
Irradiado	3563	MF	82°18'33"		90°02'01"		1,500	70,2740	70,2740		
Irradiado	3564	MF	81°21'02"		90°02'02"		1,500	71,0620	71,0620		
Irradiado	3565	MF	84°52'56"		89°49'22"		1,500	75,6590	75,6590		
Irradiado	3566	MF	87°13'07"		89°40'30"		1,500	76,4560	76,4550		
Irradiado	3567	MF	88°16'27"		89°34'51"		1,500	78,4100	78,4080		
Irradiado	3568	MF	88°41'36"		89°31'53"		1,500	80,7280	80,7250		
Irradiado	3569	MF	89°02'04"		89°09'05"		1,500	99,2010	99,1900		
Irradiado	3570	MF	91°57'29"		89°09'46"		1,500	100,2790	100,2680		
Irradiado	3571	EXP	90°16'21"		89°04'26"		1,500	99,6160	99,6030		
Irradiado	3572	MF	91°37'19"		89°18'34"		1,500	115,3930	115,3840		
Irradiado	3573	EXP	90°24'29"		89°11'14"		1,500	114,3300	114,3180		
Irradiado	3574	MF	89°10'15"		89°18'06"		1,500	114,1720	114,1630		
Irradiado	3575	PC	91°53'38"		89°00'00"		1,500	104,9680	104,9520		
Irradiado	3576	PC	92°25'28"		89°31'10"		1,500	76,1770	76,1750		
Irradiado	3577	PC	93°43'29"		89°59'31"		1,500	45,6370	45,6370		
Irradiado	3578	PC	100°24'54"		90°30'31"		1,500	15,2870	15,2860		
Irradiado	3579	ARV	74°14'59"		91°17'38"		1,500	12,2730	12,2700		
Irradiado	3580	MUD	92°51'45"		88°45'52"		1,500	102,7340	102,7100		
Irradiado	3581	MED	92°54'09"		88°54'21"		1,500	101,2480	101,2300		
Irradiado	3582	CA	93°12'17"		88°57'06"		1,500	94,2660	94,2500		
Irradiado	3583	MUV	93°05'13"		89°08'57"		1,500	93,0430	93,0330		
Irradiado	3584	MED	93°09'19"		89°11'46"		1,500	90,2090	90,2000		
Irradiado	3585	CA	93°12'21"		89°11'50"		1,500	83,7570	83,7480		
Irradiado	3586	CA	93°13'56"		89°23'18"		1,500	80,6500	80,6450		
Irradiado	3587	MED	93°32'47"		89°29'53"		1,500	71,1890	71,1870		
Irradiado	3588	MED	94°25'22"		89°47'04"		1,500	60,7560	60,7560		
Irradiado	3589	CED	95°19'54"		89°47'03"		1,500	51,4100	51,4090		
Irradiado	3590	MCER	95°33'27"		89°29'27"		1,500	46,9420	46,9410		
Irradiado	3591	MUD	97°15'48"		89°49'45"		1,500	34,3110	34,3110		
Irradiado	3592	MUD	103°04'18"		89°57'46"		1,500	18,6740	18,6740		
Irradiado	3593	MU	127°58'58"		90°19'24"		1,500	6,8370	6,8370		
Irradiado	3594	CA	104°28'18"		83°44'09"		4,600	31,3490	31,1620		
Irradiado	3595	CA	110°45'32"		84°43'58"		3,000	20,4280	20,3410		
Irradiado	3596	CA	112°53'43"		82°17'29"		3,000	14,6000	14,4690		
Irradiado	3597	CA	141°51'23"		78°45'06"		3,000	9,1100	8,9350		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,545				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3598	MU	135°14'44"		90°09'41"		1,500	6,4480	6,4480		
Irradiado	3599	MED	38°59'38"		90°57'09"		1,500	14,0470	14,0460		
Irradiado	3600	CA	54°48'06"		90°36'38"		1,500	18,9010	18,9000		
Irradiado	3601	CA	62°05'15"		90°11'52"		1,500	23,5410	23,5410		
Irradiado	3602	CED	69°30'43"		90°06'44"		1,500	30,8760	30,8760		
Irradiado	3603	CED	73°51'05"		90°18'37"		1,500	39,1370	39,1370		
Irradiado	3604	CA	75°58'34"		89°54'29"		1,500	45,1400	45,1400		
Irradiado	3605	CA	76°20'41"		89°48'06"		1,500	47,6570	47,6560		
Irradiado	3606	MED	79°25'18"		89°49'43"		1,500	61,1020	61,1020		
Irradiado	3607	MED	79°44'07"		89°48'18"		1,500	61,3840	61,3840		
Irradiado	3608	CA	81°12'58"		89°46'52"		1,500	70,2830	70,2830		
Irradiado	3609	ED	346°19'05"		90°27'46"		1,500	16,6130	16,6120		
Irradiado	3610	MED	350°37'18"		91°42'40"		1,500	23,8730	23,8620		
Irradiado	3611	MED	351°29'32"		91°40'28"		1,500	25,8640	25,8530		
Irradiado	3612	MED	354°17'01"		92°43'52"		1,000	36,4110	36,3700		
Irradiado	3613	ARV	353°38'20"		92°57'39"		1,000	24,1930	24,1600		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,585				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL17		0°00'00"	180°00'18"	92°19'11"	267°40'47"	1,500	99,4320	99,3510		
Irradiado	3614	MF	241°36'40"		94°17'44"		1,500	5,6480	5,6320		
Irradiado	3615	MF	227°12'01"		94°03'07"		1,500	4,7930	4,7810		
Irradiado	3616	MF	212°10'13"		92°58'54"		1,500	5,0840	5,0770		
Irradiado	3617	MF	172°52'16"		89°01'38"		1,500	20,1660	20,1630		
Irradiado	3618	MF	187°46'48"		89°00'25"		1,500	20,5880	20,5850		
Irradiado	3619	EXP	179°54'18"		88°33'38"		1,500	19,6280	19,6210		
Irradiado	3620	EXP	180°46'48"		88°08'41"		1,500	43,0510	43,0290		
Irradiado	3621	MF	184°26'14"		88°20'03"		1,500	42,6730	42,6550		
Irradiado	3622	MF	177°09'52"		88°04'21"		1,500	43,2490	43,2250		
Irradiado	3623	MF	183°14'45"		88°07'03"		1,500	65,5100	65,4750		
Irradiado	3624	MF	178°24'51"		87°07'06"		2,500	65,4580	65,3750		
Irradiado	3625	EXP	181°00'10"		87°56'48"		1,500	74,1040	74,0570		
Irradiado	3626	CA	184°11'00"		87°44'29"		1,500	68,4820	68,4290		
Irradiado	3627	MED	184°45'46"		87°52'55"		1,500	62,2150	62,1720		
Irradiado	3628	MUD	186°06'18"		88°09'34"		1,500	40,4000	40,3790		
Irradiado	3629	MU	212°38'52"		90°01'20"		1,500	6,2910	6,2910		
Irradiado	3630	MED	177°20'49"		87°24'46"		2,000	58,1850	58,1260		
Irradiado	3631	MED	175°59'58"		87°24'40"		2,000	38,3570	38,3180		
Irradiado	3632	MED	167°02'53"		88°22'39"		1,500	15,8210	15,8140		
Irradiado	3633	MF	292°50'22"		92°17'51"		1,500	11,6260	11,6170		
Irradiado	3634	MF	288°54'18"		92°00'43"		1,500	10,7860	10,7800		
Irradiado	3635	MF	282°56'09"		92°16'04"		1,500	11,1760	11,1680		
Irradiado	3636	MF	335°30'23"		92°41'39"		1,500	10,4690	10,4580		
Irradiado	3637	MF	343°52'15"		93°02'44"		1,500	10,1900	10,1760		
Irradiado	3638	MF	348°16'45"		93°02'41"		1,500	11,2250	11,2100		
Irradiado	3639	MF	257°32'20"		91°53'03"		1,500	12,0070	12,0010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,585				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3640	EXP	270°05'30"		91°17'14"		1,500	11,2860	11,2840		
Irradiado	3641	EXP	302°28'38"		91°06'43"		1,500	13,2320	13,2300		
Irradiado	3642	EXP	270°01'28"		90°20'59"		1,500	35,9290	35,9280		
Irradiado	3643	EXP	282°15'48"		90°24'27"		1,500	34,4670	34,4660		
Irradiado	3644	MF	273°51'28"		90°40'42"		1,500	37,1130	37,1110		
Irradiado	3645	MF	285°55'54"		90°43'11"		1,500	35,0900	35,0870		
Irradiado	3646	MF	266°15'48"		90°35'08"		1,500	37,9020	37,9000		
Irradiado	3647	MF	277°30'55"		90°42'31"		1,500	34,8420	34,8390		
Irradiado	3648	MF	267°22'33"		90°18'22"		1,500	60,1900	60,1890		
Irradiado	3649	MF	271°58'27"		90°21'29"		1,500	60,4100	60,4090		
Irradiado	3650	MF	273°54'41"		90°21'35"		1,500	62,4390	62,4380		
Irradiado	3651	MF	278°31'26"		90°22'08"		1,500	62,6500	62,6490		
Irradiado	3652	EXP	269°45'36"		90°12'54"		1,500	60,5360	60,5360		
Irradiado	3653	EXP	276°19'57"		90°12'17"		1,500	62,1390	62,1390		
Irradiado	3654	MF	273°07'19"		90°18'47"		1,500	73,5150	73,5140		
Irradiado	3655	MF	272°11'17"		90°18'04"		1,500	74,8610	74,8600		
Irradiado	3656	MF	271°20'46"		90°18'14"		1,500	73,7420	73,7410		
Irradiado	3657	MF	267°32'49"		90°18'56"		1,500	75,3890	75,3880		
Irradiado	3658	MF	276°42'36"		90°18'22"		1,500	77,5760	77,5750		
Irradiado	3659	MF	276°39'26"		90°23'40"		1,500	79,5930	79,5920		
Irradiado	3660	MF	277°13'26"		90°27'53"		1,500	80,3730	80,3700		
Irradiado	3661	MF	266°40'11"		90°15'44"		1,500	80,3690	80,3680		
Irradiado	3662	MF	267°29'59"		90°19'13"		1,500	79,5450	79,5440		
Irradiado	3663	EXP	274°57'05"		90°16'57"		1,500	83,4020	83,4010		
Irradiado	3664	EXP	269°40'31"		90°10'59"		1,500	82,9710	82,9700		
Irradiado	3665	PC	267°34'51"		90°12'22"		1,500	78,1660	78,1660		
Irradiado	3666	ARV	272°35'47"		90°11'27"		1,500	68,5740	68,5740		
Irradiado	3667	ARV	273°02'29"		90°17'02"		1,500	59,0560	59,0550		
Irradiado	3668	PC	266°53'32"		90°17'21"		1,500	47,3080	47,3070		
Irradiado	3669	TP	274°25'08"		90°18'32"		1,500	47,5620	47,5610		
Irradiado	3670	ARV	275°49'33"		90°28'59"		1,500	34,3300	34,3290		
Irradiado	3671	PC	259°52'55"		90°57'55"		1,500	15,8570	15,8540		
Irradiado	3672	CA	339°41'53"		91°04'11"		1,500	11,8620	11,8600		
Irradiado	3673	MED	304°47'58"		90°34'49"		1,500	19,1800	19,1790		
Irradiado	3674	MUD	293°56'43"		90°25'47"		1,500	26,9560	26,9550		
Irradiado	3675	MUD	289°11'36"		90°20'26"		1,500	33,0100	33,0090		
Irradiado	3676	ED	298°20'29"		89°43'24"		1,500	27,6410	27,6410		
Irradiado	3677	CA	304°31'43"		90°56'00"		1,500	23,2770	23,2740		
Irradiado	3678	CA	293°08'07"		90°07'28"		1,500	33,3440	33,3440		
Irradiado	3679	MED	288°29'20"		90°21'02"		1,500	34,1780	34,1770		
Irradiado	3680	MED	284°53'09"		90°14'49"		1,500	41,8500	41,8500		
Irradiado	3681	CA	285°40'16"		88°29'42"		3,000	45,2640	45,2490		
Irradiado	3682	MED	283°22'24"		89°23'06"		2,500	53,6010	53,5980		
Irradiado	3683	MUD	281°11'00"		90°13'10"		1,500	53,3980	53,3970		
Irradiado	3684	MED	280°45'00"		90°13'11"		1,500	55,0620	55,0610		
Irradiado	3685	MED	278°40'55"		90°07'52"		1,500	66,2870	66,2870		
Irradiado	3686	MED	278°36'57"		90°08'00"		1,500	67,8630	67,8630		
Irradiado	3687	CA	277°22'01"		90°08'07"		1,500	79,3300	79,3300		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D21	E	1,585				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	3688	CA	266°27'02"		89°57'07"		1,500	79,1220	79,1220		
Irrradiado	3689	MED	266°18'09"		90°06'47"		1,500	69,0550	69,0550		
Irrradiado	3690	MED	266°12'20"		89°55'03"		1,500	63,5240	63,5240		
Irrradiado	3691	MED	266°01'05"		89°54'54"		1,500	56,0930	56,0930		
Irrradiado	3692	MED	265°28'35"		90°12'03"		1,500	49,1520	49,1510		
Irrradiado	3693	CA	264°29'09"		90°14'10"		1,500	41,7200	41,7200		
Irrradiado	3694	MUV	261°44'50"		87°50'24"		3,000	41,1220	41,0930		
Irrradiado	3695	MUD	255°54'03"		87°47'46"		2,500	28,2360	28,2150		
Irrradiado	3696	MU	262°19'07"		90°18'16"		1,500	27,2500	27,2490		
Irrradiado	3697	MUD	257°15'33"		89°50'46"		1,500	16,6850	16,6840		
Irrradiado	3698	MU	229°21'48"		91°30'59"		1,500	6,0730	6,0710		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20.1	E	1,605				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D20		0°00'01"	180°00'10"	92°01'55"	267°58'02"	1,500	95,2640	95,2040		
Irrradiado	3699	MF	194°22'19"		91°31'33"		1,500	5,5640	5,5620		
Irrradiado	3700	MF	200°27'57"		92°22'05"		1,500	4,8860	4,8820		
Irrradiado	3701	MF	212°45'58"		92°40'57"		1,500	4,9780	4,9730		
Irrradiado	3702	MF	352°39'34"		92°43'54"		1,500	9,3250	9,3150		
Irrradiado	3703	MF	349°58'43"		92°43'08"		1,500	8,6180	8,6090		
Irrradiado	3704	MF	343°39'53"		92°25'14"		1,500	8,5320	8,5250		
Irrradiado	3705	MF	276°35'21"		93°39'14"		1,500	6,7010	6,6880		
Irrradiado	3706	MF	287°01'51"		93°44'40"		1,500	6,2360	6,2230		
Irrradiado	3707	MF	299°17'42"		93°16'08"		1,500	7,5580	7,5460		
Irrradiado	3708	MF	295°51'21"		92°58'00"		1,500	9,8470	9,8340		
Irrradiado	3709	MF	283°50'25"		92°38'50"		1,500	11,7330	11,7210		
Irrradiado	3710	EXP	258°51'06"		91°58'28"		1,500	7,3070	7,3030		
Irrradiado	3711	EXP	297°33'33"		91°42'17"		1,500	12,7300	12,7250		
Irrradiado	3712	MF	238°04'03"		92°41'57"		1,500	7,9600	7,9510		
Irrradiado	3713	MF	281°35'04"		91°45'45"		1,500	35,7330	35,7160		
Irrradiado	3714	MF	273°46'10"		91°55'15"		1,500	35,0190	34,9990		
Irrradiado	3715	MF	261°37'02"		91°54'35"		1,500	32,6850	32,6670		
Irrradiado	3716	MF	270°06'48"		91°54'34"		1,500	32,1720	32,1540		
Irrradiado	3717	EXP	266°05'15"		91°35'42"		1,500	32,6200	32,6070		
Irrradiado	3718	EXP	278°12'06"		91°35'49"		1,500	34,5340	34,5210		
Irrradiado	3719	EXP	267°08'30"		91°33'28"		1,500	56,4900	56,4690		
Irrradiado	3720	MF	264°32'09"		91°44'02"		1,500	56,2870	56,2610		
Irrradiado	3721	MF	269°32'56"		91°44'52"		1,500	56,3270	56,3010		
Irrradiado	3722	MF	276°52'59"		91°46'48"		1,500	56,7760	56,7480		
Irrradiado	3723	MF	271°48'57"		92°15'13"		1,000	57,1480	57,1040		
Irrradiado	3724	EXP	274°09'05"		91°35'56"		1,500	56,5780	56,5560		
Irrradiado	3725	MF	265°42'11"		90°50'43"		2,500	80,8130	80,8040		
Irrradiado	3726	ARV	269°53'44"		91°35'41"		1,500	70,0390	70,0120		
Irrradiado	3727	PC	262°54'07"		91°26'12"		1,500	55,5360	55,5180		
Irrradiado	3728	ARV	270°55'40"		91°35'55"		1,500	43,0890	43,0730		
Irrradiado	3729	PC	257°16'20"		91°21'16"		1,500	24,8990	24,8920		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20.1	E	1,605				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3730	ARV	271°47'10"		91°35'23"		1,500	29,4280	29,4170		
Irradiado	3731	ARV	291°02'29"		92°12'20"		1,500	7,9170	7,9110		
Irradiado	3732	MED	317°51'27"		90°37'30"		1,500	12,6060	12,6060		
Irradiado	3733	ED	324°28'23"		78°55'39"		4,000	15,0420	14,7620		
Irradiado	3734	MED	309°13'57"		87°19'50"		2,500	19,6280	19,6060		
Irradiado	3735	MUD	301°08'54"		91°10'52"		1,500	17,9380	17,9340		
Irradiado	3736	CA	308°47'55"		87°59'33"		2,600	21,3560	21,3430		
Irradiado	3737	CA	298°01'30"		91°36'44"		1,500	27,7130	27,7020		
Irradiado	3738	MUD	289°41'33"		90°27'52"		2,000	27,0710	27,0700		
Irradiado	3739	CA	292°50'18"		89°43'24"		2,500	29,8770	29,8770		
Irradiado	3740	CA	288°23'50"		90°09'38"		2,000	35,5870	35,5870		
Irradiado	3741	MUD	284°25'57"		91°13'01"		2,000	36,2160	36,2080		
Irradiado	3742	CA	286°10'35"		89°35'00"		2,600	39,5360	39,5350		
Irradiado	3743	CA	282°01'28"		87°20'42"		4,500	50,1700	50,1160		
Irradiado	3744	MED	279°54'50"		91°27'47"		1,500	50,6690	50,6520		
Irradiado	3745	MED	278°57'44"		91°20'14"		1,500	55,5620	55,5470		
Irradiado	3746	MED	278°30'19"		91°28'11"		1,500	57,6690	57,6500		
Irradiado	3747	MED	277°34'21"		91°27'28"		1,500	63,0390	63,0190		
Irradiado	3748	MED	277°22'35"		91°27'32"		1,500	64,1700	64,1490		
Irradiado	3749	MED	276°34'33"		91°29'19"		1,500	70,4060	70,3820		
Irradiado	3750	MUD	276°11'14"		91°29'32"		1,500	75,3460	75,3210		
Irradiado	3751	MED	275°45'03"		91°29'49"		1,500	80,0420	80,0140		
Irradiado	3752	CA	275°08'31"		91°23'47"		1,500	87,8670	87,8410		
Irradiado	3753	CA	264°21'49"		91°29'53"		1,500	79,8580	79,8300		
Irradiado	3754	MED	264°05'57"		91°30'00"		1,500	72,2910	72,2660		
Irradiado	3755	MED	263°51'44"		91°30'16"		1,500	70,6910	70,6670		
Irradiado	3756	ED	263°16'27"		91°27'18"		1,500	66,2020	66,1810		
Irradiado	3757	MED	262°20'58"		91°23'42"		1,500	59,5940	59,5760		
Irradiado	3758	MUD	262°21'55"		91°23'43"		1,500	58,4050	58,3880		
Irradiado	3759	CA	260°01'42"		87°49'14"		4,600	57,3130	57,2710		
Irradiado	3760	CA	258°50'24"		87°09'30"		4,600	49,2930	49,2320		
Irradiado	3761	MUD	260°25'11"		90°01'16"		2,600	46,0600	46,0600		
Irradiado	3762	MED	260°18'03"		89°54'24"		2,600	44,7970	44,7970		
Irradiado	3763	CED	258°30'00"		90°40'38"		1,500	36,9880	36,9860		
Irradiado	3764	CERV	258°00'08"		91°19'14"		1,500	35,5770	35,5680		
Irradiado	3765	CA	255°08'56"		90°23'43"		1,500	27,8720	27,8710		
Irradiado	3766	MED	250°39'52"		89°55'44"		1,500	20,9030	20,9030		
Irradiado	3767	MED	249°29'15"		89°35'22"		1,500	19,6050	19,6040		
Irradiado	3768	MED	240°56'10"		89°20'34"		1,500	13,4580	13,4580		
Irradiado	3769	MU	203°06'24"		89°20'07"		1,500	6,7050	6,7050		
Irradiado	3770	MF	151°03'05"		90°34'55"		1,500	7,6930	7,6930		
Irradiado	3771	EXP	171°13'09"		89°10'22"		1,500	7,5800	7,5790		
Irradiado	3772	EXP	178°26'19"		88°35'06"		1,500	25,9020	25,8940		
Irradiado	3773	MF	184°03'43"		88°56'32"		1,500	25,7240	25,7190		
Irradiado	3774	MF	172°56'45"		88°49'47"		1,500	26,0030	25,9970		
Irradiado	3775	MF	183°00'44"		88°16'08"		1,500	51,6430	51,6190		
Irradiado	3776	MF	177°39'20"		88°16'14"		1,500	53,0880	53,0630		
Irradiado	3777	EXP	180°24'32"		88°06'53"		1,500	52,6740	52,6450		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D20.1	E	1,605				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3778	MF	182°52'37"		88°06'55"		1,500	71,5800	71,5420		
Irradiado	3779	EXP	180°43'50"		87°59'15"		1,500	71,0030	70,9590		
Irradiado	3780	MF	183°19'17"		88°06'07"		1,500	74,1410	74,1010		
Irradiado	3781	MF	178°48'30"		88°09'23"		1,500	71,8980	71,8610		
Irradiado	3782	MF	178°43'50"		88°04'49"		1,500	73,7500	73,7090		
Irradiado	3783	CA	178°08'30"		87°51'02"		1,500	71,8600	71,8100		
Irradiado	3784	MED	177°44'23"		87°55'06"		1,500	65,1960	65,1530		
Irradiado	3785	MU	175°43'54"		88°12'39"		1,500	43,0400	43,0190		
Irradiado	3786	MED	165°14'40"		88°31'56"		1,500	21,0830	21,0760		
Irradiado	3787	MCER	184°18'36"		88°11'44"		1,500	40,1320	40,1120		
Irradiado	3788	MU	184°25'11"		88°23'19"		1,500	26,3900	26,3790		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D19.1	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D19		0°00'00"	180°00'16"	89°06'22"	270°53'41"	1,500	155,3840	155,3650		
Irradiado	3789	MU	10°11'47"		90°33'52"		1,500	4,7510	4,7510		
Irradiado	3790	MU	2°26'19"		90°44'55"		1,500	26,1010	26,0990		
Irradiado	3791	MU	82°05'28"		92°19'31"		1,500	26,7620	26,7400		
Irradiado	3792	ESCOLA	32°27'28"		83°13'57"		2,500	7,1770	7,1270		
Irradiado	3793	ESCOLA	12°18'51"		84°41'55"		5,000	27,0350	26,9190		
Irradiado	3794	ESCOLA	72°02'02"		89°33'39"		3,000	16,6520	16,6510		
Irradiado	3795	MF	180°24'06"		89°32'59"		1,500	16,9810	16,9800		
Irradiado	3796	MF	197°44'42"		89°42'32"		1,500	17,2180	17,2170		
Irradiado	3797	EXP	190°00'14"		89°13'48"		1,500	16,4650	16,4630		
Irradiado	3798	MF	226°55'51"		90°46'21"		1,500	10,1690	10,1680		
Irradiado	3799	MF	227°37'35"		90°49'17"		1,500	8,4760	8,4750		
Irradiado	3800	MF	216°58'18"		90°59'29"		1,500	8,6860	8,6850		
Irradiado	3801	MF	252°50'52"		90°33'05"		1,500	13,0570	13,0570		
Irradiado	3802	MF	294°05'29"		91°06'28"		1,500	13,1330	13,1310		
Irradiado	3803	MF	256°05'17"		90°34'13"		1,500	13,4370	13,4370		
Irradiado	3804	MF	288°55'00"		91°03'58"		1,500	13,1480	13,1460		
Irradiado	3805	MF	259°27'51"		90°26'38"		1,500	14,4520	14,4520		
Irradiado	3806	MF	285°37'38"		90°44'00"		1,500	14,7810	14,7790		
Irradiado	3807	MF	278°02'58"		89°21'38"		1,500	39,1360	39,1340		
Irradiado	3808	MF	268°28'01"		89°16'29"		1,500	39,4860	39,4830		
Irradiado	3809	EXP	273°03'10"		89°11'17"		1,500	39,0860	39,0820		
Irradiado	3810	EXP	273°30'27"		88°52'24"		1,500	67,1230	67,1100		
Irradiado	3811	MF	276°05'34"		89°01'51"		1,500	67,2420	67,2330		
Irradiado	3812	MF	270°42'31"		89°01'08"		1,500	67,5510	67,5410		
Irradiado	3813	MF	275°29'34"		88°56'30"		1,500	85,7340	85,7190		
Irradiado	3814	MF	275°37'38"		89°00'52"		1,500	86,8690	86,8560		
Irradiado	3815	MF	271°14'49"		88°54'10"		1,500	84,6480	84,6320		
Irradiado	3816	MF	270°58'46"		88°53'07"		1,500	85,9140	85,8970		
Irradiado	3817	MF	270°34'12"		88°49'21"		1,500	86,3380	86,3200		
Irradiado	3818	PC	270°24'10"		88°48'17"		1,500	64,4950	64,4810		
Irradiado	3819	PC	251°34'11"		90°00'31"		1,500	13,3580	13,3580		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D19.1	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3820	CA	292°36'59"		89°58'39"		1,500	14,7780	14,7780		
Irradiado	3821	MED	283°35'39"		89°20'20"		1,500	26,2740	26,2720		
Irradiado	3822	MED	279°53'46"		88°54'46"		1,500	39,8520	39,8450		
Irradiado	3823	MED	279°15'14"		89°02'34"		1,500	43,8640	43,8580		
Irradiado	3824	MU	278°32'12"		88°51'21"		1,500	49,9860	49,9760		
Irradiado	3825	MU	278°20'32"		88°52'42"		1,500	49,9790	49,9690		
Irradiado	3826	MU	277°51'07"		88°16'41"		2,000	58,5670	58,5400		
Irradiado	3827	MU	277°36'21"		88°49'00"		1,500	56,9910	56,9790		
Irradiado	3828	MU	277°57'16"		88°13'17"		2,000	57,0220	56,9940		
Irradiado	3829	MU	277°04'57"		88°52'18"		2,000	58,5060	58,4950		
Irradiado	3830	CA	279°46'40"		85°20'40"		4,600	50,1430	49,9770		
Irradiado	3831	CA	278°53'48"		86°02'58"		4,600	56,7840	56,6490		
Irradiado	3832	MED	276°38'02"		88°51'49"		1,500	68,0400	68,0270		
Irradiado	3833	MED	276°34'40"		88°53'17"		1,500	68,0460	68,0330		
Irradiado	3834	MED	276°29'18"		88°49'56"		1,500	69,7620	69,7480		
Irradiado	3835	MU	276°18'38"		88°46'16"		1,500	74,6630	74,6460		
Irradiado	3836	MED	277°08'06"		87°52'02"		2,600	74,7050	74,6540		
Irradiado	3837	CA	275°55'25"		88°44'09"		1,500	85,9180	85,8970		
Irradiado	3838	MED	269°48'45"		88°36'09"		1,500	66,0450	66,0250		
Irradiado	3839	MED	268°54'57"		89°20'05"		1,000	54,1230	54,1190		
Irradiado	3840	MUD	268°36'58"		88°57'58"		1,500	50,3220	50,3130		
Irradiado	3841	MED	267°52'42"		89°02'46"		1,500	45,0590	45,0530		
Irradiado	3842	MED	267°36'51"		89°02'37"		1,500	41,9330	41,9280		
Irradiado	3843	MED	266°33'53"		89°02'25"		1,500	35,5090	35,5040		
Irradiado	3844	CA	259°07'21"		89°42'26"		1,500	16,3960	16,3950		
Irradiado	3845	MED	241°45'04"		89°36'11"		1,500	18,4590	18,4580		
Irradiado	3846	MED	238°32'23"		89°16'28"		1,500	19,4780	19,4760		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL11	E	1,558				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL12		0°00'02"	180°00'11"	91°37'24"	268°22'34"	1,500	114,2930	114,2470		
Auxiliar	D31	A	174°09'03"	354°09'15"	92°32'05"	267°27'45"	1,500	105,6740	105,5710		
Auxiliar	D32	A	174°59'14"	354°59'21"	91°25'56"	268°34'08"	1,500	190,4990	190,4390		
Irradiado	3847	MF	116°47'29"		90°07'17"		1,500	6,0910	6,0910		
Irradiado	3848	MF	176°43'29"		94°07'47"		1,500	3,7320	3,7220		
Irradiado	3849	EXP	140°42'48"		90°33'28"		1,500	4,4710	4,4710		
Irradiado	3850	EXP	168°26'59"		94°38'54"		1,500	23,2260	23,1490		
Irradiado	3851	MF	177°07'53"		93°21'51"		2,000	23,6030	23,5620		
Irradiado	3852	MF	162°17'50"		94°55'31"		1,500	24,7190	24,6280		
Irradiado	3853	MF	166°28'16"		95°53'52"		1,500	39,2700	39,0620		
Irradiado	3854	MF	177°12'12"		93°35'18"		3,000	38,7120	38,6360		
Irradiado	3855	EXP	171°02'18"		95°45'29"		1,500	39,6660	39,4660		
Irradiado	3856	EXP	173°48'04"		94°04'05"		1,500	64,1360	63,9740		
Irradiado	3857	MF	170°06'17"		94°01'05"		1,500	64,9420	64,7820		
Irradiado	3858	MF	177°13'13"		94°04'37"		1,500	64,0300	63,8680		
Irradiado	3859	MF	172°39'46"		92°48'22"		1,500	99,8490	99,7290		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL11	E	1,558				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3860	MF	172°36'57"		92°41'39"		1,500	101,7930	101,6810		
Irradiado	3861	MF	172°05'51"		92°37'40"		1,500	101,9840	101,8770		
Irradiado	3862	MF	177°18'26"		92°54'04"		1,500	98,7890	98,6620		
Irradiado	3863	MF	177°35'33"		92°58'50"		1,500	99,8540	99,7190		
Irradiado	3864	MF	178°03'14"		92°58'37"		1,500	100,0290	99,8940		
Irradiado	3865	PC	172°15'10"		92°35'48"		1,500	99,5040	99,4020		
Irradiado	3866	ARV	170°42'45"		93°21'56"		1,500	75,8190	75,6890		
Irradiado	3867	PC	167°55'47"		95°28'36"		1,000	50,8350	50,6030		
Irradiado	3868	TP	166°45'40"		95°09'51"		1,500	51,4930	51,2840		
Irradiado	3869	PC	135°33'02"		89°24'44"		1,500	8,2050	8,2050		
Irradiado	3870	CA	16°42'57"		90°01'11"		1,500	21,1520	21,1520		
Irradiado	3871	MED	33°34'43"		88°24'24"		1,500	11,3710	11,3670		
Irradiado	3872	MUV	39°05'59"		87°45'37"		1,500	10,1600	10,1530		
Irradiado	3873	CA	43°53'16"		87°06'10"		1,500	9,3120	9,3000		
Irradiado	3874	CA	99°14'42"		87°00'39"		1,500	6,8050	6,7960		
Irradiado	3875	MED	99°30'39"		86°20'16"		1,500	7,3340	7,3190		
Irradiado	3876	MED	109°51'38"		87°25'21"		1,500	7,7820	7,7740		
Irradiado	3877	CA	139°50'29"		90°28'41"		1,500	11,9920	11,9920		
Irradiado	3878	CA	148°34'11"		93°40'57"		1,500	19,7770	19,7360		
Irradiado	3879	CA	154°50'34"		94°17'00"		1,500	25,4860	25,4150		
Irradiado	3880	CA	156°03'59"		96°31'38"		1,500	32,2580	32,0490		
Irradiado	3881	MED	159°45'33"		96°05'41"		1,500	38,9610	38,7410		
Irradiado	3882	MED	161°08'48"		95°43'11"		1,500	42,1530	41,9430		
Irradiado	3883	CED	164°01'52"		94°56'06"		1,500	50,5950	50,4070		
Irradiado	3884	CED	165°04'12"		94°20'23"		1,500	55,3420	55,1830		
Irradiado	3885	MED	166°44'26"		92°56'15"		2,600	62,4000	62,3180		
Irradiado	3886	MU	167°10'33"		93°04'24"		2,600	65,6840	65,5900		
Irradiado	3887	CA	167°15'50"		93°02'13"		2,600	67,0310	66,9370		
Irradiado	3888	MED	168°59'37"		92°50'31"		2,000	78,6770	78,5810		
Irradiado	3889	MED	169°17'23"		92°46'14"		2,000	80,6360	80,5410		
Irradiado	3890	MED	170°11'46"		93°22'12"		0,500	89,7140	89,5590		
Irradiado	3891	MED	170°22'30"		93°15'39"		0,500	91,7490	91,6000		
Irradiado	3892	CA	171°02'09"		92°27'46"		1,500	100,3750	100,2820		
Irradiado	3893	ED	178°04'20"		91°31'50"		4,000	86,4770	86,4460		
Irradiado	3894	MED	178°29'43"		91°34'42"		4,000	74,4380	74,4100		
Irradiado	3895	MED	178°28'11"		91°34'38"		4,000	73,9750	73,9470		
Irradiado	3896	CA	179°06'23"		91°51'29"		4,000	63,4490	63,4160		
Irradiado	3897	CA	178°46'25"		91°31'10"		4,000	61,7570	61,7350		
Irradiado	3898	CA	179°00'13"		91°54'55"		4,000	51,3700	51,3410		
Irradiado	3899	CA	179°14'40"		92°16'30"		4,000	49,0060	48,9670		
Irradiado	3900	CED	179°07'02"		92°37'03"		4,000	40,7370	40,6950		
Irradiado	3901	CERD	179°37'40"		93°47'56"		2,600	35,6220	35,5440		
Irradiado	3902	CED	181°51'08"		92°39'08"		1,500	21,3420	21,3190		
Irradiado	3903	CA	183°04'20"		91°52'51"		1,500	14,1570	14,1500		
Irradiado	3904	MED	196°24'42"		89°04'22"		2,000	14,7440	14,7420		
Irradiado	3905	MED	198°02'34"		88°51'03"		2,000	13,4480	13,4460		
Irradiado	3906	ED	221°09'15"		81°20'26"		2,000	6,0010	5,9330		
Irradiado	3907	ED	325°51'26"		94°46'41"		2,000	6,2540	6,2330		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL11	E	1,558				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3908	CA	338°56'26"		94°06'03"		2,000	9,6550	9,6310		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D31	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL11		0°00'00"	180°00'07"	87°33'23"	272°26'18"	1,500	105,6630	105,5670		
Irradiado	3909	MF	153°45'29"		91°37'44"		1,500	4,6490	4,6470		
Irradiado	3910	MF	131°14'08"		91°48'24"		1,500	3,7390	3,7370		
Irradiado	3911	MF	114°52'13"		89°53'54"		1,500	4,9240	4,9240		
Irradiado	3912	MF	99°49'22"		86°53'57"		1,500	23,4020	23,3670		
Irradiado	3913	MF	87°37'57"		87°18'49"		1,500	23,6270	23,6010		
Irradiado	3914	EXP	93°46'00"		86°42'17"		1,500	23,3650	23,3260		
Irradiado	3915	EXP	95°37'18"		86°49'45"		1,500	48,8940	48,8190		
Irradiado	3916	MF	98°32'16"		86°50'34"		1,500	49,1010	49,0260		
Irradiado	3917	MF	92°45'28"		86°53'39"		1,500	49,4130	49,3400		
Irradiado	3918	MF	98°19'05"		86°23'50"		1,500	72,4370	72,2940		
Irradiado	3919	MF	94°05'38"		86°19'35"		1,500	72,9520	72,8020		
Irradiado	3920	EXP	96°39'20"		86°02'26"		1,500	81,3060	81,1110		
Irradiado	3921	MF	94°06'55"		86°14'15"		1,500	76,0250	75,8610		
Irradiado	3922	MF	93°51'54"		86°13'08"		1,500	76,6360	76,4700		
Irradiado	3923	MF	93°19'22"		86°10'31"		1,500	76,8200	76,6490		
Irradiado	3924	MF	98°15'04"		86°21'43"		1,500	73,8020	73,6540		
Irradiado	3925	MF	98°29'46"		86°19'58"		1,500	75,2970	75,1430		
Irradiado	3926	PC	93°11'21"		86°46'59"		1,500	58,1630	58,0710		
Irradiado	3927	PC	89°36'44"		86°51'29"		1,500	30,2940	30,2480		
Irradiado	3928	MED	56°45'34"		86°54'43"		1,500	9,5020	9,4890		
Irradiado	3929	MU	65°47'34"		87°00'53"		1,500	8,5810	8,5700		
Irradiado	3930	MUD	91°44'45"		86°48'39"		1,500	45,1610	45,0920		
Irradiado	3931	MED	92°29'15"		86°45'15"		1,500	60,3870	60,2900		
Irradiado	3932	CA	92°42'29"		86°07'29"		1,500	73,3870	73,2200		
Irradiado	3933	MU	98°43'59"		86°16'39"		1,500	74,8090	74,6520		
Irradiado	3934	MED	98°46'59"		86°17'43"		1,500	73,0170	72,8650		
Irradiado	3935	MED	99°05'40"		85°59'25"		1,500	58,1090	57,9670		
Irradiado	3936	MCER	98°56'48"		86°38'46"		1,500	53,6920	53,6000		
Irradiado	3937	MCER	99°50'34"		86°43'53"		1,500	36,6690	36,6090		
Irradiado	3938	MU	101°16'03"		86°40'31"		1,500	18,0420	18,0110		
Irradiado	3939	MED	103°47'45"		86°47'28"		1,500	18,1390	18,1100		
Irradiado	3940	MF	250°41'37"		92°45'33"		1,500	6,4250	6,4180		
Irradiado	3941	MF	261°01'10"		94°22'28"		1,500	6,2800	6,2620		
Irradiado	3942	ARV	258°15'05"		91°59'15"		1,500	6,3130	6,3090		
Irradiado	3943	MF	172°57'30"		90°03'52"		1,500	12,9540	12,9540		
Irradiado	3944	MF	210°46'30"		90°41'44"		1,500	12,7630	12,7630		
Irradiado	3945	EXP	191°35'38"		89°49'40"		1,500	12,2810	12,2810		
Irradiado	3946	EXP	185°56'14"		89°41'52"		1,500	37,6050	37,6050		
Irradiado	3947	MF	180°04'16"		89°45'49"		1,500	38,4420	38,4420		
Irradiado	3948	MF	191°51'12"		90°04'53"		1,500	38,8710	38,8710		
Irradiado	3949	MF	188°16'22"		90°19'23"		1,500	68,5400	68,5390		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D31	E	1,638				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	3950	MF	181°28'15"		90°14'42"		1,500	69,0630	69,0630		
Irradiado	3951	EXP	184°49'49"		90°14'08"		1,500	83,6620	83,6610		
Irradiado	3952	MF	187°35'48"		90°21'44"		1,500	78,4480	78,4470		
Irradiado	3953	MF	187°36'34"		90°25'27"		1,500	79,5010	79,4990		
Irradiado	3954	MF	188°04'11"		90°28'47"		1,500	80,1760	80,1730		
Irradiado	3955	MF	181°40'16"		90°19'31"		1,500	80,8320	80,8300		
Irradiado	3956	MF	181°32'31"		90°18'27"		1,500	81,3820	81,3800		
Irradiado	3957	MF	181°05'35"		90°16'32"		1,500	81,6840	81,6830		
Irradiado	3958	PC	181°19'55"		90°03'36"		1,500	79,4830	79,4830		
Irradiado	3959	PC	179°14'03"		89°28'04"		1,500	36,2780	36,2770		
Irradiado	3960	CA	115°31'06"		85°18'10"		1,500	8,7810	8,7520		
Irradiado	3961	CA	146°55'24"		86°50'09"		1,500	13,6470	13,6270		
Irradiado	3962	CA	156°02'53"		88°12'33"		1,500	12,3420	12,3360		
Irradiado	3963	MED	160°43'35"		88°27'31"		1,500	14,4870	14,4820		
Irradiado	3964	MU	162°27'56"		88°42'55"		1,500	14,3510	14,3480		
Irradiado	3965	MED	164°03'51"		88°10'48"		1,500	15,3560	15,3480		
Irradiado	3966	MED	170°29'08"		87°42'02"		1,500	22,4250	22,4070		
Irradiado	3967	MED	172°30'57"		89°06'49"		1,500	26,0550	26,0520		
Irradiado	3968	CA	174°51'16"		89°11'57"		1,500	32,4960	32,4930		
Irradiado	3969	CA	175°09'29"		89°15'23"		1,500	33,4770	33,4740		
Irradiado	3970	MED	176°25'25"		89°22'51"		1,500	38,8710	38,8690		
Irradiado	3971	MED	176°33'39"		89°27'45"		1,500	39,9640	39,9620		
Irradiado	3972	MED	178°04'44"		89°19'05"		1,500	50,2200	50,2160		
Irradiado	3973	MED	178°13'29"		89°22'26"		1,500	51,6050	51,6020		
Irradiado	3974	CA	178°59'39"		89°24'21"		1,500	59,0550	59,0520		
Irradiado	3975	MU	179°06'34"		89°37'01"		1,500	60,0690	60,0680		
Irradiado	3976	CA	179°06'17"		89°14'47"		1,500	61,6170	61,6120		
Irradiado	3977	MED	179°49'36"		89°54'40"		1,500	68,6420	68,6420		
Irradiado	3978	MUD	179°52'48"		89°54'44"		1,500	69,7610	69,7610		
Irradiado	3979	MU	180°23'35"		89°58'13"		1,500	80,7080	80,7080		
Irradiado	3980	CA	189°40'16"		90°06'19"		1,500	68,6380	68,6380		
Irradiado	3981	MU	189°42'25"		90°07'17"		1,500	65,8160	65,8160		
Irradiado	3982	MUD	190°26'09"		90°04'37"		1,500	59,2660	59,2660		
Irradiado	3983	MED	190°36'58"		90°02'01"		1,500	57,5970	57,5970		
Irradiado	3984	ED	191°45'01"		90°01'58"		1,500	50,0200	50,0200		
Irradiado	3985	CA	192°37'40"		90°04'37"		1,500	45,3260	45,3260		
Irradiado	3986	MUV	192°52'31"		89°52'17"		1,500	44,4140	44,4140		
Irradiado	3987	MED	193°23'22"		89°50'19"		1,500	42,4560	42,4560		
Irradiado	3988	MED	195°18'16"		89°42'50"		1,500	35,5530	35,5530		
Irradiado	3989	MED	195°31'58"		89°42'38"		1,500	34,8960	34,8960		
Irradiado	3990	CA	198°43'25"		89°42'52"		1,500	28,5320	28,5320		
Irradiado	3991	MU	199°09'38"		89°46'52"		1,500	27,7460	27,7460		
Irradiado	3992	MED	200°35'57"		89°46'56"		1,500	25,1680	25,1680		
Irradiado	3993	MED	208°38'14"		89°48'37"		1,500	17,4750	17,4740		
Irradiado	3994	MED	212°04'11"		89°54'28"		1,500	15,3010	15,3010		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D32	E	1,600				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL11		0°00'01"	180°00'11"	88°36'46"	271°23'26"	1,500	190,4860	190,4300		
Auxiliar	D32.1	A	95°12'47"	275°12'44"	87°18'54"	272°41'09"	1,500	79,9020	79,8140		
Auxiliar	D32.2	A	183°18'46"	3°18'35"	91°59'48"	267°59'57"	1,500	91,4650	91,4090		
Irrradiado	3995	MF	180°51'01"		93°57'34"		1,500	3,7660	3,7570		
Irrradiado	3996	MF	168°35'38"		97°29'12"		1,500	2,0360	2,0190		
Irrradiado	3997	MF	134°24'38"		94°07'26"		1,500	2,6340	2,6270		
Irrradiado	3998	MF	99°58'22"		88°27'37"		1,500	24,8700	24,8610		
Irrradiado	3999	MF	89°21'51"		87°49'25"		1,500	25,6190	25,6000		
Irrradiado	4000	EXP	94°49'15"		87°41'50"		1,500	25,1750	25,1550		
Irrradiado	4001	EXP	96°17'14"		87°22'23"		1,500	51,1850	51,1310		
Irrradiado	4002	MF	93°30'08"		87°19'05"		1,500	52,0110	51,9540		
Irrradiado	4003	MF	98°42'37"		87°30'17"		1,500	51,0510	51,0020		
Irrradiado	4004	MF	98°19'37"		87°34'05"		1,500	72,9000	72,8350		
Irrradiado	4005	MF	98°37'59"		87°32'45"		1,500	74,3560	74,2880		
Irrradiado	4006	MF	99°01'15"		87°32'40"		1,500	74,8750	74,8070		
Irrradiado	4007	MF	94°17'55"		87°24'11"		1,500	72,0410	71,9670		
Irrradiado	4008	MF	94°04'53"		87°18'57"		1,500	73,4600	73,3800		
Irrradiado	4009	EXP	95°49'32"		87°19'39"		1,500	78,2110	78,1260		
Irrradiado	4010	PC	93°49'00"		87°13'20"		1,500	47,5240	47,4680		
Irrradiado	4011	PC	98°42'48"		87°26'16"		1,500	73,1360	73,0630		
Irrradiado	4012	CA	98°59'41"		87°21'02"		1,500	71,2820	71,2060		
Irrradiado	4013	MED	99°58'11"		86°37'59"		2,000	63,0900	62,9810		
Irrradiado	4014	MCER	100°00'47"		86°49'41"		2,000	44,8380	44,7700		
Irrradiado	4015	CERD	100°10'39"		86°51'31"		2,000	35,2050	35,1520		
Irrradiado	4016	CED	104°23'34"		88°03'28"		2,000	15,0300	15,0210		
Irrradiado	4017	CA	107°42'39"		87°12'35"		1,500	11,3620	11,3490		
Irrradiado	4018	CA	109°10'05"		87°12'50"		1,500	10,5250	10,5130		
Irrradiado	4019	CA	146°37'38"		88°21'17"		1,500	3,6190	3,6180		
Irrradiado	4020	CA	19°29'59"		81°31'05"		4,000	13,1040	12,9610		
Irrradiado	4021	CA	32°07'47"		77°44'08"		4,000	7,8890	7,7090		
Irrradiado	4022	CA	338°14'52"		88°04'50"		2,500	27,9090	27,8930		
Irrradiado	4023	CA	329°12'02"		82°58'47"		4,000	21,5590	21,3970		
Irrradiado	4024	MCER	80°52'29"		87°34'36"		1,500	14,8960	14,8820		
Irrradiado	4025	CED	90°25'01"		88°31'07"		0,500	30,9470	30,9370		
Irrradiado	4026	MED	90°32'23"		88°20'26"		1,000	33,3410	33,3270		
Irrradiado	4027	MED	91°41'36"		86°51'56"		1,000	40,4600	40,4000		
Irrradiado	4028	MED	92°20'24"		87°07'00"		1,500	46,4290	46,3710		
Irrradiado	4029	MUD	92°25'13"		87°13'29"		1,500	48,3570	48,3000		
Irrradiado	4030	MED	93°34'28"		87°13'29"		1,500	60,0200	59,9490		
Irrradiado	4031	CA	94°04'47"		87°04'37"		1,500	70,3220	70,2310		
Irrradiado	4032	MF	256°47'42"		92°52'23"		1,500	8,4510	8,4410		
Irrradiado	4033	MF	182°16'02"		92°23'27"		1,500	19,1260	19,1090		
Irrradiado	4034	MF	205°40'49"		92°39'42"		1,500	20,2550	20,2330		
Irrradiado	4035	EXP	194°00'44"		92°09'18"		1,500	19,7620	19,7480		
Irrradiado	4036	EXP	186°40'49"		92°07'02"		1,500	47,7140	47,6810		
Irrradiado	4037	MF	191°45'40"		92°26'25"		1,500	49,6980	49,6520		
Irrradiado	4038	MF	182°19'49"		92°13'39"		1,500	47,9610	47,9240		
Irrradiado	4039	MF	182°20'46"		92°16'05"		1,500	78,2250	78,1640		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D32	E	1,600				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	4040	MF	188°17'52"		92°19'49"		1,500	78,7160	78,6510		
Irrradiado	4041	MF	182°21'23"		92°10'44"		1,500	85,9790	85,9160		
Irrradiado	4042	MF	182°12'24"		92°14'27"		1,500	86,9720	86,9050		
Irrradiado	4043	MF	181°31'40"		92°09'44"		1,500	87,2510	87,1890		
Irrradiado	4044	MF	187°49'57"		92°19'44"		1,500	84,8640	84,7940		
Irrradiado	4045	MF	188°01'27"		92°21'38"		1,500	85,9920	85,9190		
Irrradiado	4046	EXP	184°55'53"		92°03'20"		1,500	90,0530	89,9950		
Irrradiado	4047	PC	181°45'21"		91°56'50"		1,500	40,8380	40,8150		
Irrradiado	4048	CER	273°02'06"		92°27'39"		1,500	24,0280	24,0060		
Irrradiado	4049	CED	266°34'22"		91°30'50"		1,500	24,1690	24,1600		
Irrradiado	4050	CA	260°24'54"		91°21'00"		1,500	11,8700	11,8670		
Irrradiado	4051	CED	233°03'24"		91°24'19"		1,500	14,9590	14,9540		
Irrradiado	4052	MCER	226°25'33"		91°49'01"		1,500	16,8580	16,8490		
Irrradiado	4053	MED	221°42'53"		91°36'16"		1,500	18,5700	18,5620		
Irrradiado	4054	CA	216°31'29"		91°45'40"		1,500	17,3520	17,3430		
Irrradiado	4055	MED	203°22'53"		92°02'24"		1,500	27,2510	27,2340		
Irrradiado	4056	MUD	200°36'28"		92°04'44"		1,500	31,4440	31,4230		
Irrradiado	4057	MED	198°33'35"		92°04'52"		1,500	35,6660	35,6430		
Irrradiado	4058	MED	195°45'18"		92°08'50"		1,500	43,3100	43,2800		
Irrradiado	4059	MED	194°27'52"		92°05'42"		1,500	46,6750	46,6440		
Irrradiado	4060	MED	192°21'13"		92°04'21"		1,500	55,8920	55,8550		
Irrradiado	4061	MED	191°48'39"		92°06'10"		1,500	58,8040	58,7640		
Irrradiado	4062	MED	190°18'41"		92°06'36"		1,500	69,3560	69,3090		
Irrradiado	4063	MED	190°01'35"		92°08'13"		1,500	71,3130	71,2640		
Irrradiado	4064	CA	188°39'57"		92°07'38"		1,500	85,2540	85,1950		
Irrradiado	4065	CA	181°23'29"		91°51'10"		1,500	85,1830	85,1380		
Irrradiado	4066	CED	181°15'34"		92°01'25"		1,500	78,2100	78,1620		
Irrradiado	4067	CED	181°08'28"		92°01'33"		1,500	75,9960	75,9490		
Irrradiado	4068	MED	181°00'10"		92°00'05"		1,500	68,5400	68,4980		
Irrradiado	4069	MUD	180°51'41"		91°58'45"		1,500	63,4740	63,4360		
Irrradiado	4070	MED	180°44'07"		91°43'05"		1,500	59,4540	59,4270		
Irrradiado	4071	MED	180°16'24"		91°16'54"		1,500	52,0750	52,0620		
Irrradiado	4072	MED	180°20'35"		91°51'40"		1,500	50,5920	50,5650		
Irrradiado	4073	MED	179°57'51"		91°03'48"		1,500	41,9790	41,9720		
Irrradiado	4074	MUD	179°43'18"		91°50'11"		1,500	38,2920	38,2730		
Irrradiado	4075	MED	179°34'42"		91°13'40"		1,500	36,2750	36,2670		
Irrradiado	4076	MED	178°52'48"		91°43'54"		1,500	28,8970	28,8840		
Irrradiado	4077	MED	178°40'52"		91°39'50"		1,500	27,5970	27,5850		
Irrradiado	4078	CA	175°58'24"		91°23'15"		1,500	16,3970	16,3920		
Irrradiado	4079	CA	174°54'51"		91°18'00"		1,500	14,6410	14,6380		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D32.2	E	1,627				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D32		0°00'00"	179°59'43"	88°08'01"	271°51'47"	1,500	91,4560	91,4070		
Irrradiado	4080	CERD	171°09'17"		89°46'40"		1,500	20,2640	20,2630		
Irrradiado	4081	MCER	165°40'17"		90°49'56"		1,500	12,6520	12,6510		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D32.2	E	1,627				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4082	CA	155°48'00"		78°28'58"		4,000	12,9050	12,6460		
Irradiado	4083	CA	124°47'44"		70°44'25"		4,000	7,7360	7,3030		
Irradiado	4084	MUD	187°02'03"		89°29'59"		1,500	54,3990	54,3970		
Irradiado	4085	CA	190°04'53"		86°50'48"		4,500	52,8310	52,7510		
Irradiado	4086	CA	192°08'56"		86°15'24"		4,500	45,6890	45,5920		
Irradiado	4087	MUD	189°28'23"		89°43'33"		1,500	42,1180	42,1180		
Irradiado	4088	MED	189°43'56"		89°44'46"		1,500	41,1780	41,1780		
Irradiado	4089	MED	192°11'47"		89°48'18"		1,500	33,7750	33,7750		
Irradiado	4090	MED	194°49'36"		88°31'51"		2,000	27,7100	27,7010		
Irradiado	4091	ED	199°08'47"		88°25'33"		2,000	21,9690	21,9600		
Irradiado	4092	CA	207°18'27"		89°05'17"		2,000	16,4290	16,4260		
Irradiado	4093	MU	209°04'40"		82°47'26"		3,200	15,2990	15,1780		
Irradiado	4094	CA	212°51'21"		81°56'08"		3,200	14,4050	14,2630		
Irradiado	4095	MU	292°52'56"		89°50'31"		1,500	17,2470	17,2460		
Irradiado	4096	MED	294°02'30"		89°09'59"		1,500	17,3480	17,3460		
Irradiado	4097	MF	158°19'06"		94°40'52"		1,500	4,0760	4,0630		
Irradiado	4098	MF	141°21'00"		91°49'14"		1,500	3,7610	3,7590		
Irradiado	4099	MF	127°09'03"		92°44'42"		1,500	4,3150	4,3100		
Irradiado	4100	MF	27°40'20"		92°02'53"		1,500	4,8110	4,8080		
Irradiado	4101	MF	99°59'15"		88°23'35"		1,500	24,1950	24,1850		
Irradiado	4102	MF	85°15'41"		88°32'53"		1,500	25,2620	25,2540		
Irradiado	4103	EXP	92°07'46"		88°07'28"		1,500	24,3010	24,2880		
Irradiado	4104	EXP	94°05'11"		88°07'44"		1,500	55,8540	55,8240		
Irradiado	4105	MF	97°07'56"		88°13'02"		1,500	56,0190	55,9920		
Irradiado	4106	MF	90°44'00"		88°12'47"		1,500	55,7590	55,7320		
Irradiado	4107	MF	96°42'56"		88°09'49"		1,500	72,6120	72,5750		
Irradiado	4108	MF	97°19'52"		88°09'07"		1,500	74,7290	74,6900		
Irradiado	4109	MF	98°10'40"		88°16'30"		1,500	75,9570	75,9230		
Irradiado	4110	MF	91°43'22"		88°04'50"		1,500	72,6600	72,6190		
Irradiado	4111	MF	91°13'51"		88°04'17"		1,500	74,8240	74,7820		
Irradiado	4112	PC	89°48'08"		88°05'03"		1,500	51,1570	51,1280		
Irradiado	4113	PC	73°01'06"		88°58'28"		1,500	11,9490	11,9480		
Irradiado	4114	MU	133°37'54"		90°13'50"		1,500	4,3410	4,3410		
Irradiado	4115	MU	101°11'31"		87°51'37"		1,500	20,8100	20,7950		
Irradiado	4116	MU	103°05'51"		86°07'42"		2,000	20,9690	20,9210		
Irradiado	4117	MCER	102°12'26"		86°28'35"		2,000	23,0830	23,0390		
Irradiado	4118	CED	100°00'40"		88°12'23"		1,500	48,2650	48,2410		
Irradiado	4119	CED	99°38'14"		88°12'24"		1,500	52,9480	52,9220		
Irradiado	4120	CER	98°12'56"		88°12'23"		1,500	65,1580	65,1260		
Irradiado	4121	CER	90°22'06"		88°01'07"		1,500	60,1270	60,0910		
Irradiado	4122	CERD	88°22'38"		88°44'41"		1,000	42,4490	42,4390		
Irradiado	4123	CER	78°06'18"		88°47'16"		1,500	17,4300	17,4260		
Irradiado	4124	CED	73°50'00"		88°36'14"		1,500	17,7770	17,7710		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL9	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL8		0°00'09"	180°00'09"	94°12'50"	265°47'12"	1,500	184,1610	183,6630		
Auxiliar	D33	A	85°00'51"	265°00'59"	94°53'41"	265°05'56"	1,500	122,5760	122,1290		
Auxiliar	D34	A	3°31'01"	183°31'20"	94°01'38"	265°58'13"	1,500	81,1070	80,9060		
Irradiado	4125	MF	322°08'46"		93°25'28"		1,500	5,7060	5,6960		
Irradiado	4126	MF	337°30'20"		94°40'55"		1,500	5,3500	5,3320		
Irradiado	4127	MF	351°26'01"		95°16'27"		1,500	6,3270	6,3000		
Irradiado	4128	MF	57°43'36"		94°34'39"		1,500	10,0390	10,0070		
Irradiado	4129	MF	48°25'17"		95°08'58"		1,500	8,5120	8,4780		
Irradiado	4130	MF	35°18'21"		95°29'17"		1,500	9,4840	9,4410		
Irradiado	4131	MF	9°25'54"		93°50'00"		1,500	32,7430	32,6700		
Irradiado	4132	MF	358°13'20"		93°30'00"		1,500	32,7750	32,7140		
Irradiado	4133	EXP	4°04'49"		93°30'44"		1,500	31,9800	31,9200		
Irradiado	4134	EXP	1°42'16"		94°23'20"		1,500	66,5200	66,3250		
Irradiado	4135	MF	4°35'26"		94°33'58"		1,500	66,9870	66,7750		
Irradiado	4136	MF	359°03'35"		94°22'45"		1,500	67,0200	66,8250		
Irradiado	4137	MF	4°01'43"		94°12'51"		1,500	77,1710	76,9630		
Irradiado	4138	MF	4°20'42"		94°12'49"		1,500	78,8190	78,6060		
Irradiado	4139	MF	5°42'27"		94°13'47"		1,500	79,9190	79,7010		
Irradiado	4140	MF	359°03'50"		94°06'07"		1,500	75,5150	75,3220		
Irradiado	4141	MF	358°31'26"		94°00'47"		1,500	77,7060	77,5160		
Irradiado	4142	PC	358°15'24"		94°20'18"		1,500	54,7560	54,5990		
Irradiado	4143	PC	353°31'27"		94°24'26"		1,500	14,2500	14,2080		
Irradiado	4144	CA	329°32'20"		91°47'41"		1,500	9,1570	9,1530		
Irradiado	4145	MED	342°04'42"		91°36'41"		1,500	16,0040	15,9970		
Irradiado	4146	MU	344°39'36"		93°54'09"		1,500	19,6180	19,5720		
Irradiado	4147	MUD	339°33'38"		85°20'45"		4,000	19,3290	19,2650		
Irradiado	4148	MED	341°49'27"		89°14'51"		2,400	23,5430	23,5410		
Irradiado	4149	CA	344°57'12"		91°04'03"		1,500	30,8150	30,8100		
Irradiado	4150	CA	350°29'43"		91°49'20"		1,500	32,5780	32,5620		
Irradiado	4151	MED	351°58'36"		92°31'01"		1,500	39,5940	39,5560		
Irradiado	4152	MU	352°37'21"		93°18'33"		1,500	45,3110	45,2360		
Irradiado	4153	CA	5°59'47"		94°06'39"		1,500	78,3730	78,1720		
Irradiado	4154	MED	7°52'24"		93°58'18"		2,000	66,8120	66,6520		
Irradiado	4155	MU	6°59'12"		94°38'10"		1,500	66,9000	66,6810		
Irradiado	4156	MED	8°58'43"		94°37'00"		1,500	54,7420	54,5640		
Irradiado	4157	MED	9°48'52"		94°19'52"		1,500	50,6120	50,4670		
Irradiado	4158	MUD	11°17'26"		94°04'51"		1,500	44,9390	44,8260		
Irradiado	4159	MED	11°40'20"		93°28'24"		1,500	43,8080	43,7280		
Irradiado	4160	MED	15°28'16"		93°48'13"		1,500	34,2640	34,1890		
Irradiado	4161	MUV	15°48'02"		93°48'28"		1,500	33,5920	33,5180		
Irradiado	4162	CA	19°16'44"		95°02'58"		1,000	32,8050	32,6780		
Irradiado	4163	CA	26°55'57"		94°54'08"		1,500	24,3050	24,2160		
Irradiado	4164	CERV	26°02'46"		95°27'37"		1,500	22,8890	22,7850		
Irradiado	4165	CED	31°51'45"		95°34'11"		1,500	19,3170	19,2250		
Irradiado	4166	CA	52°58'29"		93°21'51"		1,500	13,1140	13,0920		
Irradiado	4167	MF	127°16'00"		92°20'22"		1,500	7,1610	7,1550		
Irradiado	4168	MF	110°25'51"		91°56'10"		1,500	6,9410	6,9370		
Irradiado	4169	MF	96°30'27"		92°48'31"		1,500	9,7100	9,6990		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL9	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4170	MF	88°31'17"		92°56'13"		1,500	34,2710	34,2260		
Irradiado	4171	MF	78°33'46"		93°10'34"		1,500	33,9610	33,9090		
Irradiado	4172	EXP	83°41'01"		92°54'57"		1,500	33,8750	33,8310		
Irradiado	4173	EXP	84°40'30"		94°38'31"		1,500	68,7140	68,4890		
Irradiado	4174	MF	87°01'57"		94°39'45"		1,500	68,7240	68,4970		
Irradiado	4175	MF	82°26'00"		94°49'37"		1,500	68,3530	68,1110		
Irradiado	4176	MF	86°35'46"		95°16'26"		1,000	108,3980	107,9390		
Irradiado	4177	MF	83°54'54"		95°02'20"		1,500	110,4330	110,0070		
Irradiado	4178	EXP	85°00'13"		94°59'00"		1,500	109,8160	109,4010		
Irradiado	4179	MF	83°59'59"		94°58'49"		1,500	114,4630	114,0300		
Irradiado	4180	MF	83°35'00"		95°00'10"		1,500	117,2330	116,7860		
Irradiado	4181	MF	86°34'25"		95°12'45"		1,000	115,5160	115,0380		
Irradiado	4182	ARV	83°17'20"		94°56'53"		1,500	91,4070	91,0660		
Irradiado	4183	PC	86°46'00"		94°22'07"		2,000	93,1900	92,9190		
Irradiado	4184	PC	87°53'55"		93°58'50"		1,500	53,4800	53,3510		
Irradiado	4185	PC	95°07'25"		92°13'28"		1,500	12,7150	12,7060		
Irradiado	4186	CED	66°01'22"		93°10'22"		1,500	20,3260	20,2940		
Irradiado	4187	CER	69°49'36"		93°08'24"		1,500	19,8980	19,8680		
Irradiado	4188	MCER	77°57'48"		93°40'05"		1,500	39,7160	39,6350		
Irradiado	4189	MU	80°16'44"		94°23'25"		1,500	52,5340	52,3790		
Irradiado	4190	MCER	77°01'11"		92°53'44"		3,000	52,9400	52,8720		
Irradiado	4191	CED	78°05'09"		93°34'40"		3,000	58,2450	58,1310		
Irradiado	4192	CED	79°28'54"		93°40'30"		3,000	64,7060	64,5730		
Irradiado	4193	CER	81°46'22"		94°51'47"		1,500	64,5910	64,3590		
Irradiado	4194	MUV	91°23'45"		92°45'19"		1,500	37,2430	37,2000		
Irradiado	4195	MED	90°50'44"		92°52'05"		1,500	42,2900	42,2370		
Irradiado	4196	MED	90°23'07"		93°25'11"		1,500	49,8220	49,7330		
Irradiado	4197	MUD	90°16'55"		93°17'54"		1,500	52,1470	52,0600		
Irradiado	4198	MED	90°16'32"		93°17'45"		1,500	53,0710	52,9830		
Irradiado	4199	MED	89°58'22"		92°50'55"		1,500	60,0920	60,0180		
Irradiado	4200	MUD	89°46'24"		92°53'44"		2,600	64,7930	64,7100		
Irradiado	4201	MED	89°41'50"		93°08'15"		2,400	66,6580	66,5580		
Irradiado	4202	MED	89°20'09"		93°51'38"		2,000	77,8580	77,6820		
Irradiado	4203	MCER	88°09'43"		94°28'42"		1,500	78,8790	78,6390		
Irradiado	4204	MF	235°29'35"		92°21'17"		1,500	3,9630	3,9600		
Irradiado	4205	MF	205°10'46"		91°55'07"		1,500	3,3550	3,3530		
Irradiado	4206	MF	191°51'45"		91°26'46"		1,500	4,7910	4,7900		
Irradiado	4207	MF	182°23'42"		91°57'53"		1,500	28,7430	28,7260		
Irradiado	4208	MF	170°04'13"		92°04'55"		1,500	30,3040	30,2840		
Irradiado	4209	EXP	176°26'00"		92°07'08"		1,500	28,8690	28,8490		
Irradiado	4210	EXP	178°52'27"		94°55'03"		1,500	56,1720	55,9650		
Irradiado	4211	MF	175°39'53"		94°41'19"		1,500	55,2860	55,1010		
Irradiado	4212	MF	182°06'27"		94°39'16"		1,500	54,6840	54,5030		
Irradiado	4213	PC	184°00'17"		90°59'45"		1,500	22,5740	22,5700		
Irradiado	4214	TP	214°47'00"		79°35'45"		2,000	3,7340	3,6730		
Irradiado	4215	MF	276°43'37"		88°36'43"		1,500	23,3230	23,3160		
Irradiado	4216	MF	261°29'00"		88°39'32"		1,500	23,4540	23,4470		
Irradiado	4217	EXP	269°12'31"		88°25'05"		1,500	23,4450	23,4360		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL9	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4218	PC	261°00'56"		88°30'10"		1,500	26,6000	26,5910		
Irradiado	4219	EXP	267°23'16"		88°21'12"		1,500	46,9690	46,9500		
Irradiado	4220	MF	270°49'35"		88°30'33"		1,500	47,2670	47,2510		
Irradiado	4221	MF	263°16'33"		88°23'40"		1,500	46,9740	46,9560		
Irradiado	4222	PC	263°03'10"		88°20'43"		1,500	57,2720	57,2480		
Irradiado	4223	MF	268°09'05"		88°29'07"		1,500	83,6970	83,6670		
Irradiado	4224	MF	263°49'48"		88°31'11"		1,500	84,1600	84,1320		
Irradiado	4225	EXP	265°54'31"		88°26'37"		1,500	84,0350	84,0040		
Irradiado	4226	PC	263°36'47"		88°28'19"		1,500	87,0900	87,0590		
Irradiado	4227	MF	263°56'33"		88°26'37"		1,500	96,7750	96,7390		
Irradiado	4228	MF	267°41'44"		88°29'20"		1,500	95,7420	95,7090		
Irradiado	4229	BAT	263°59'33"		88°27'46"		1,500	100,8070	100,7710		
Irradiado	4230	BAT	267°33'45"		88°29'39"		1,500	100,4480	100,4130		
Irradiado	4231	BAT	264°24'04"		88°31'54"		1,500	141,4890	141,4430		
Irradiado	4232	BAT	266°38'14"		88°35'26"		1,500	141,0520	141,0100		
Irradiado	4233	EXT	265°29'32"		88°34'28"		1,500	141,3100	141,2670		
Irradiado	4234	PC	263°57'39"		88°31'20"		1,500	127,1540	127,1120		
Irradiado	4235	MUV	267°08'54"		88°35'22"		1,500	141,1800	141,1380		
Irradiado	4236	CA	269°00'38"		87°47'31"		4,000	107,7210	107,6410		
Irradiado	4237	CA	269°44'33"		87°43'03"		4,000	97,6140	97,5370		
Irradiado	4238	MUD	268°44'21"		87°48'28"		2,600	93,8660	93,7970		
Irradiado	4239	MU	268°21'46"		88°27'41"		1,500	93,7710	93,7370		
Irradiado	4240	MUD	268°56'13"		88°34'23"		1,500	79,7970	79,7730		
Irradiado	4241	MUV	269°42'24"		88°32'07"		1,500	67,0570	67,0350		
Irradiado	4242	MU	271°42'53"		86°39'04"		4,500	80,8260	80,6880		
Irradiado	4243	MED	271°43'30"		86°35'35"		4,500	79,1140	78,9750		
Irradiado	4244	CA	272°14'15"		86°15'35"		4,500	71,7670	71,6140		
Irradiado	4245	CA	271°15'21"		88°24'12"		1,500	66,1260	66,1000		
Irradiado	4246	CA	272°12'27"		88°11'19"		1,500	56,0190	55,9910		
Irradiado	4247	CERV	272°05'23"		88°25'24"		1,500	54,2030	54,1820		
Ré	BL8		0°00'01"		94°13'18"		1,500	184,1520	183,6520		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL9	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL8		0°00'00"	180°00'08"	94°13'22"	265°47'13"	1,500	184,1600	183,6600		
Irradiado	4248	CED	272°46'41"		88°27'25"		1,500	50,7980	50,7790		
Irradiado	4249	CA	274°16'47"		87°37'33"		2,000	44,2440	44,2060		
Irradiado	4250	MUV	274°10'13"		88°50'46"		2,000	39,7010	39,6930		
Irradiado	4251	MU	286°42'15"		89°43'36"		2,000	16,0880	16,0870		
Irradiado	4252	CED	295°23'45"		89°15'55"		2,000	17,3470	17,3450		
Irradiado	4253	CA	205°52'11"		89°59'55"		1,500	8,3830	8,3830		
Irradiado	4254	CA	237°48'29"		88°27'37"		1,500	12,9020	12,8980		
Irradiado	4255	CA	245°55'36"		89°24'14"		1,500	11,7620	11,7620		
Irradiado	4256	MED	251°22'38"		88°59'49"		1,500	14,2910	14,2890		
Irradiado	4257	CA	245°18'32"		80°26'58"		4,600	20,7030	20,4160		
Irradiado	4258	CA	251°18'31"		82°50'05"		4,600	26,6200	26,4120		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL9	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4259	MUD	258°07'11"		87°50'31"		1,500	26,8530	26,8340		
Irradiado	4260	MED	259°09'09"		87°56'14"		1,500	30,5010	30,4810		
Irradiado	4261	MED	260°44'16"		88°09'42"		1,500	40,2500	40,2300		
Irradiado	4262	MUD	261°58'11"		88°16'14"		1,500	52,2170	52,1930		
Irradiado	4263	MUV	262°44'40"		88°24'09"		1,500	66,2380	66,2120		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D33	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL9		0°00'00"	180°00'16"	85°17'29"	274°42'21"	1,500	122,5450	122,1310		
Auxiliar	D33.1	A	273°21'12"	93°21'08"	91°55'08"	268°03'55"	1,500	83,6990	83,6520		
Irradiado	4264	MF	40°23'49"		90°09'43"		1,500	6,0100	6,0100		
Irradiado	4265	MF	57°27'40"		91°15'04"		1,500	7,2280	7,2270		
Irradiado	4266	MF	125°46'16"		97°23'22"		1,500	5,6800	5,6330		
Irradiado	4267	MF	80°00'50"		91°12'08"		1,500	27,6500	27,6440		
Irradiado	4268	MF	94°24'53"		91°47'08"		1,500	27,3810	27,3680		
Irradiado	4269	EXP	87°23'49"		91°15'41"		1,500	27,5620	27,5550		
Irradiado	4270	EXP	87°22'39"		91°21'54"		1,500	60,8020	60,7850		
Irradiado	4271	MF	84°00'51"		91°14'12"		1,500	60,8200	60,8060		
Irradiado	4272	MF	90°12'18"		91°32'29"		1,500	60,8180	60,7960		
Irradiado	4273	MF	84°43'59"		91°27'22"		1,500	78,7850	78,7600		
Irradiado	4274	MF	84°24'18"		91°26'24"		1,500	80,3300	80,3040		
Irradiado	4275	MF	83°11'01"		91°22'41"		1,500	81,3280	81,3040		
Irradiado	4276	MF	89°24'54"		91°37'47"		1,500	79,9110	79,8780		
Irradiado	4277	MF	89°52'15"		91°43'18"		1,500	81,7380	81,7010		
Irradiado	4278	MF	91°13'35"		91°48'54"		1,500	82,5020	82,4600		
Irradiado	4279	ARV	90°43'36"		91°37'23"		1,500	78,6150	78,5840		
Irradiado	4280	PC	90°58'17"		91°34'41"		1,500	72,6450	72,6180		
Irradiado	4281	ARV	92°24'42"		91°29'54"		1,500	67,2230	67,2000		
Irradiado	4282	ARV	93°10'04"		91°32'37"		1,500	39,0200	39,0060		
Irradiado	4283	PC	95°51'07"		91°47'09"		1,500	32,3490	32,3330		
Irradiado	4284	ARV	97°33'19"		92°03'19"		1,500	24,2160	24,2000		
Irradiado	4285	MCER	4°54'41"		85°27'43"		1,500	40,5310	40,4040		
Irradiado	4286	MU	7°46'28"		86°30'05"		1,500	20,0380	20,0000		
Irradiado	4287	MED	11°20'32"		86°40'45"		1,500	20,1360	20,1020		
Irradiado	4288	CA	19°43'14"		87°59'27"		1,500	11,6370	11,6300		
Irradiado	4289	CA	43°44'59"		87°44'15"		1,500	14,9290	14,9170		
Irradiado	4290	MED	48°58'19"		90°38'19"		1,000	16,3520	16,3510		
Irradiado	4291	MU	55°29'26"		89°29'59"		1,000	15,0110	15,0100		
Irradiado	4292	MUV	70°40'36"		90°13'22"		1,000	25,8930	25,8930		
Irradiado	4293	CA	62°13'16"		87°45'32"		2,000	22,9120	22,8940		
Irradiado	4294	CA	71°24'13"		89°57'55"		1,500	27,0490	27,0490		
Irradiado	4295	MED	75°28'55"		89°56'32"		1,500	33,7400	33,7400		
Irradiado	4296	MUV	76°57'59"		90°22'36"		1,500	37,3180	37,3170		
Irradiado	4297	CA	77°31'43"		90°22'57"		1,500	38,3240	38,3230		
Irradiado	4298	ED	79°22'56"		90°09'36"		1,500	44,5120	44,5120		
Irradiado	4299	MED	80°42'30"		90°40'41"		1,500	50,9060	50,9020		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D33	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4300	MED	81°39'01"		91°09'06"		1,500	54,7200	54,7090		
Irradiado	4301	MED	82°15'52"		90°55'27"		1,500	64,1940	64,1860		
Irradiado	4302	MED	82°19'01"		90°57'46"		1,500	65,6830	65,6740		
Irradiado	4303	MED	82°28'50"		90°38'02"		1,500	69,5310	69,5270		
Irradiado	4304	MED	82°34'22"		90°38'54"		1,500	71,2900	71,2860		
Irradiado	4305	CA	82°53'28"		90°38'07"		1,500	78,7780	78,7740		
Irradiado	4306	CA	92°20'47"		91°31'57"		1,500	82,1480	82,1180		
Irradiado	4307	ED	92°30'53"		91°33'14"		1,500	74,8910	74,8640		
Irradiado	4308	CA	92°50'08"		91°31'35"		1,500	69,3440	69,3200		
Irradiado	4309	MUV	92°56'37"		91°27'52"		1,500	66,6470	66,6250		
Irradiado	4310	MED	93°13'26"		92°19'31"		0,500	64,1360	64,0830		
Irradiado	4311	MED	93°39'06"		92°33'31"		0,500	58,3160	58,2580		
Irradiado	4312	MED	93°50'19"		91°33'05"		1,500	56,1830	56,1620		
Irradiado	4313	MED	94°40'14"		91°39'01"		1,500	48,9800	48,9590		
Irradiado	4314	MED	94°57'51"		91°38'44"		1,500	46,9670	46,9480		
Irradiado	4315	MED	97°01'38"		91°43'55"		1,500	37,1830	37,1660		
Irradiado	4316	MED	97°42'46"		91°49'37"		1,500	35,5310	35,5130		
Irradiado	4317	CA	102°44'52"		92°17'15"		1,500	23,9440	23,9250		
Irradiado	4318	MU	103°42'06"		92°25'55"		1,500	22,6600	22,6390		
Irradiado	4319	CA	104°35'01"		92°02'25"		1,500	21,5550	21,5410		
Irradiado	4320	MED	119°10'21"		90°19'41"		1,500	12,2450	12,2450		
Irradiado	4321	MU	113°35'42"		93°12'22"		1,500	11,5850	11,5670		
Irradiado	4322	MU	146°45'40"		98°23'47"		1,500	5,7770	5,7150		
Irradiado	4323	CA	128°47'32"		89°50'03"		2,000	11,4300	11,4300		
Irradiado	4324	MF	319°42'56"		89°13'46"		1,500	6,5940	6,5940		
Irradiado	4325	MF	302°48'00"		89°36'17"		1,500	8,0490	8,0490		
Irradiado	4326	MF	241°57'27"		94°23'57"		1,500	7,3910	7,3690		
Irradiado	4327	MF	278°37'39"		90°07'41"		1,500	25,5830	25,5830		
Irradiado	4328	MF	263°25'15"		90°55'10"		1,500	27,3270	27,3230		
Irradiado	4329	EXP	270°54'55"		90°21'09"		1,500	25,5320	25,5310		
Irradiado	4330	EXP	270°28'11"		92°16'55"		1,500	51,5460	51,5050		
Irradiado	4331	MF	274°11'13"		92°16'20"		1,500	52,0410	52,0000		
Irradiado	4332	MF	267°21'48"		92°36'17"		1,500	51,7750	51,7210		
Irradiado	4333	PC	265°24'57"		93°00'41"		1,500	50,3880	50,3180		
Irradiado	4334	ARV	264°44'50"		93°14'39"		0,500	38,8620	38,8000		
Irradiado	4335	ARV	264°23'22"		93°20'34"		0,500	30,1590	30,1080		
Irradiado	4336	TP	249°30'32"		92°07'04"		1,500	12,5950	12,5870		
Irradiado	4337	ARV	314°10'05"		88°44'14"		1,500	7,4310	7,4290		
Irradiado	4338	PC	240°02'17"		93°45'42"		1,500	10,7010	10,6780		
Irradiado	4339	ARV	237°10'48"		95°12'46"		1,500	6,9040	6,8760		
Irradiado	4340	ED	237°55'17"		91°50'17"		2,000	13,6060	13,5990		
Irradiado	4341	ED	247°47'31"		91°50'08"		1,500	20,0070	19,9960		
Irradiado	4342	CA	252°28'01"		91°32'34"		1,500	26,3660	26,3560		
Irradiado	4343	CA	257°55'13"		91°46'42"		1,500	29,9570	29,9430		
Irradiado	4344	CA	260°39'17"		91°59'13"		1,500	36,8790	36,8570		
Irradiado	4345	CA	258°30'21"		89°09'45"		4,400	38,4070	38,4030		
Irradiado	4346	CA	260°09'01"		88°52'37"		4,400	44,7770	44,7690		
Irradiado	4347	MUV	262°56'26"		93°12'43"		1,000	45,3440	45,2730		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D33	E	1,700				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4348	CERV	279°25'57"		89°04'01"		1,500	44,2500	44,2450		
Irradiado	4349	CA	282°01'18"		88°36'05"		1,500	44,1070	44,0940		
Irradiado	4350	CA	283°12'35"		88°01'45"		1,500	40,2990	40,2750		
Irradiado	4351	CA	287°03'20"		86°54'36"		1,500	41,0300	40,9710		
Irradiado	4352	CA	290°03'02"		83°27'56"		4,000	34,2100	33,9880		
Irradiado	4353	CA	288°04'09"		87°52'28"		1,500	29,4490	29,4290		
Irradiado	4354	ED	295°06'50"		87°10'49"		1,500	21,3920	21,3660		
Irradiado	4355	EXA	303°40'17"		87°49'50"		1,500	16,2920	16,2800		
Irradiado	4356	EXA	306°10'38"		86°20'08"		1,500	15,0680	15,0370		
Irradiado	4357	CA	328°14'57"		87°58'20"		1,500	10,2000	10,1940		
Irradiado	4358	CED	330°19'25"		86°19'54"		1,500	10,7700	10,7480		
Irradiado	4359	CER	339°38'44"		86°22'21"		1,500	10,2850	10,2650		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D33.1	E	1,600				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D33		359°59'59"	179°59'56"	88°16'30"	271°42'58"	1,500	83,6850	83,6470		
Irradiado	4360	MF	24°29'25"		91°36'55"		1,500	14,7580	14,7520		
Irradiado	4361	MF	358°38'27"		91°35'00"		1,500	13,2610	13,2560		
Irradiado	4362	EXP	14°03'11"		91°16'08"		1,500	13,1230	13,1200		
Irradiado	4363	EXP	169°30'02"		89°21'46"		1,500	21,0180	21,0160		
Irradiado	4364	MF	179°09'57"		90°48'37"		1,000	20,4520	20,4500		
Irradiado	4365	MF	160°33'02"		89°36'16"		1,500	21,0940	21,0930		
Irradiado	4366	CA	16°52'48"		89°21'03"		1,500	36,5450	36,5430		
Irradiado	4367	MED	22°10'23"		89°44'33"		1,500	29,4960	29,4960		
Irradiado	4368	MU	19°21'16"		89°48'10"		1,500	26,9130	26,9130		
Irradiado	4369	MUD	24°05'40"		91°38'16"		1,500	27,9250	27,9140		
Irradiado	4370	CA	26°01'40"		91°35'03"		1,500	26,3960	26,3860		
Irradiado	4371	CA	34°56'04"		91°37'55"		1,500	21,1150	21,1060		
Irradiado	4372	MUV	35°58'46"		91°43'11"		1,500	16,7780	16,7700		
Irradiado	4373	MUV	118°38'58"		92°40'25"		1,500	12,1910	12,1780		
Irradiado	4374	CA	79°23'12"		89°48'37"		1,900	12,6340	12,6340		
Irradiado	4375	CA	109°32'34"		90°02'04"		1,900	13,4820	13,4820		
Irradiado	4376	CA	123°33'23"		92°06'26"		1,900	13,8180	13,8090		
Irradiado	4377	CA	138°44'31"		90°58'57"		1,900	17,5490	17,5460		
Irradiado	4378	MED	138°59'45"		86°14'15"		3,000	18,2910	18,2510		
Irradiado	4379	MED	145°40'02"		88°08'19"		2,200	21,4040	21,3920		
Irradiado	4380	CA	155°15'26"		89°05'52"		1,500	29,4630	29,4590		
Irradiado	4381	CA	155°55'47"		89°06'04"		1,500	30,0650	30,0610		
Irradiado	4382	CA	162°13'36"		88°43'56"		1,500	38,4690	38,4600		
Irradiado	4383	MU	162°13'47"		88°26'34"		1,500	40,5480	40,5330		
Irradiado	4384	MED	162°48'05"		88°18'37"		1,500	42,1650	42,1470		
Irradiado	4385	MED	166°38'59"		87°50'01"		1,500	52,6070	52,5690		
Irradiado	4386	MU	167°02'11"		87°44'03"		1,500	53,8460	53,8040		
Irradiado	4387	CA	167°16'02"		87°51'39"		1,500	55,9710	55,9320		
Irradiado	4388	CA	169°07'42"		87°39'24"		1,500	62,1460	62,0940		
Irradiado	4389	CERV	168°04'24"		85°08'33"		4,600	64,3980	64,1670		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D33.1	E	1,600				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4390	CED	170°33'00"		86°07'53"		1,500	70,4570	70,2970		
Irradiado	4391	CER	349°44'24"		88°38'11"		1,500	25,9930	25,9850		
Irradiado	4392	CER	345°21'30"		88°41'12"		1,500	25,0970	25,0900		
Irradiado	4393	CERD	320°53'08"		91°14'30"		1,500	7,1390	7,1380		
Irradiado	4394	CA	315°53'20"		90°00'49"		1,500	18,2220	18,2220		
Irradiado	4395	CA	311°31'43"		89°36'02"		1,500	16,4400	16,4390		
Irradiado	4396	CA	306°00'00"		90°17'38"		1,500	17,8200	17,8190		
Irradiado	4397	CED	269°19'54"		87°34'48"		1,500	3,3710	3,3680		
Irradiado	4398	CED	209°16'41"		88°52'28"		1,500	6,8690	6,8680		
Irradiado	4399	CERD	202°56'28"		90°20'48"		1,500	9,0530	9,0530		
Irradiado	4400	CED	198°04'34"		90°05'37"		1,500	11,1380	11,1380		
Irradiado	4401	CA	192°08'17"		89°35'54"		1,500	16,3350	16,3340		
Irradiado	4402	CA	192°08'27"		89°35'48"		1,500	16,3350	16,3340		
Irradiado	4403	MUV	189°27'23"		89°06'34"		1,500	19,0760	19,0730		
Irradiado	4404	MED	187°42'32"		88°51'53"		1,500	24,5360	24,5310		
Irradiado	4405	MED	186°18'36"		88°01'28"		1,500	31,6140	31,5950		
Irradiado	4406	MU	186°14'41"		88°19'52"		1,500	32,7010	32,6870		
Irradiado	4407	MUD	190°12'17"		83°00'45"		4,600	32,6130	32,3710		
Irradiado	4408	MED	190°08'09"		83°20'18"		4,600	35,6440	35,4030		
Irradiado	4409	MED	188°31'22"		83°46'41"		4,600	42,8840	42,6320		
Irradiado	4410	MUV	188°12'03"		84°15'53"		4,600	47,5020	47,2640		
Irradiado	4411	PC	168°19'38"		88°09'52"		1,500	45,6250	45,6020		
Irradiado	4412	ARV	181°17'04"		90°01'21"		1,500	17,1270	17,1270		
Irradiado	4413	PC	121°14'01"		92°24'12"		1,500	9,4280	9,4200		
Irradiado	4414	PC	298°12'57"		89°51'55"		1,500	13,3590	13,3590		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL58	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL57		0°00'01"	180°00'11"	90°00'05"	269°59'43"	1,500	163,4830	163,4830		
Auxiliar	D35	A	333°32'51"	153°32'57"	88°06'50"	271°52'32"	1,500	17,0770	17,0670		
Irradiado	4415	MF	197°28'04"		95°13'39"		1,500	53,8470	53,6230		
Irradiado	4416	MF	194°42'16"		95°13'07"		1,500	46,1030	45,9120		
Irradiado	4417	MF	190°56'32"		95°45'03"		1,500	33,6850	33,5160		
Irradiado	4418	EXP	195°43'22"		95°39'39"		1,500	34,0080	33,8420		
Irradiado	4419	MF	189°13'24"		95°39'47"		1,500	23,6310	23,5150		
Irradiado	4420	MF	202°27'54"		95°38'11"		1,500	23,8690	23,7530		
Irradiado	4421	MF	186°38'24"		94°38'42"		1,500	14,9460	14,8960		
Irradiado	4422	MF	207°53'39"		94°23'22"		1,500	15,3440	15,2990		
Irradiado	4423	MF	183°16'09"		94°07'08"		1,500	7,5070	7,4880		
Irradiado	4424	MF	227°04'05"		92°27'54"		1,500	8,3760	8,3690		
Irradiado	4425	EXP	213°13'44"		93°16'01"		1,500	6,0580	6,0480		
Irradiado	4426	EXP	352°21'35"		90°40'44"		1,500	21,1370	21,1350		
Irradiado	4427	MF	339°16'17"		89°42'14"		1,500	15,6050	15,6040		
Irradiado	4428	MF	1°27'21"		91°05'16"		1,500	15,2260	15,2230		
Irradiado	4429	MF	1°39'46"		91°49'26"		1,500	17,8480	17,8390		
Irradiado	4430	MF	7°25'34"		92°48'21"		1,500	19,1200	19,0970		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL58	E	1,540				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4431	BAT	336°49'44"		89°00'04"		1,500	16,8790	16,8760		
Irradiado	4432	BAT	330°49'24"		88°01'03"		1,500	17,6960	17,6850		
Irradiado	4433	MF	348°22'28"		90°32'55"		1,500	27,1090	27,1080		
Irradiado	4434	BAT	345°18'13"		90°14'51"		1,500	25,7120	25,7120		
Irradiado	4435	BAT	339°56'42"		89°24'14"		1,500	24,9060	24,9050		
Irradiado	4436	MF	2°47'05"		92°01'16"		1,500	29,8970	29,8780		
Irradiado	4437	MF	1°41'37"		91°39'49"		1,500	31,0400	31,0270		
Irradiado	4438	MF	8°03'33"		92°54'03"		1,500	27,8550	27,8190		
Irradiado	4439	MF	1°26'21"		92°12'12"		1,000	52,3760	52,3370		
Irradiado	4440	MF	354°55'35"		91°14'52"		1,500	53,8630	53,8500		
Irradiado	4441	EXP	357°42'51"		91°20'11"		1,500	53,1210	53,1060		
Irradiado	4442	PC	5°18'31"		91°34'48"		1,500	16,6020	16,5950		
Irradiado	4443	PC	303°10'30"		86°17'31"		1,500	33,4980	33,4280		
Irradiado	4444	MU	199°13'18"		95°12'31"		1,500	62,6460	62,3870		
Irradiado	4445	MU	197°20'22"		95°04'17"		1,500	54,3780	54,1650		
Irradiado	4446	MU	195°59'02"		95°00'51"		1,500	54,1580	53,9510		
Irradiado	4447	MU	194°50'34"		94°57'27"		1,500	48,2930	48,1120		
Irradiado	4448	MUV	189°03'17"		95°06'32"		1,500	42,0120	41,8450		
Irradiado	4449	CA	186°10'38"		95°19'55"		1,500	40,1920	40,0180		
Irradiado	4450	CA	185°00'52"		95°44'34"		1,500	32,3850	32,2230		
Irradiado	4451	CERV	183°32'42"		95°37'45"		1,500	21,1690	21,0670		
Irradiado	4452	CED	56°05'57"		108°28'13"		1,500	2,2840	2,1660		
Irradiado	4453	ED	12°33'44"		92°07'49"		1,500	9,5720	9,5660		
Irradiado	4454	CA	8°04'26"		90°48'07"		1,500	16,3750	16,3730		
Irradiado	4455	CER	215°24'16"		92°29'14"		1,500	12,9360	12,9240		
Irradiado	4456	CERD	233°58'37"		90°02'34"		1,500	18,6180	18,6180		
Irradiado	4457	CED	270°11'24"		86°48'10"		1,500	18,9030	18,8730		
Irradiado	4458	CA	290°50'47"		86°30'54"		1,500	22,8420	22,8000		
Irradiado	4459	MU	347°03'20"		90°23'43"		1,500	28,5460	28,5450		
Irradiado	4460	MUD	349°14'39"		90°45'39"		1,500	35,1610	35,1580		
Irradiado	4461	MUV	352°43'29"		90°55'31"		1,500	57,8150	57,8070		
Irradiado	4462	CA	353°29'06"		90°06'21"		2,000	65,3340	65,3340		
Irradiado	4463	MED	354°26'19"		89°47'57"		2,000	71,2960	71,2960		
Irradiado	4464	MUD	354°30'35"		89°57'14"		1,500	72,6490	72,6490		
Irradiado	4465	MED	354°46'57"		89°50'35"		1,500	74,2610	74,2610		
Irradiado	4466	CA	356°09'29"		89°35'31"		1,500	89,5110	89,5080		
Irradiado	4467	CER	1°51'50"		91°53'44"		1,500	41,7330	41,7110		
Irradiado	4468	CED	3°15'02"		91°57'55"		1,500	41,8590	41,8350		
Irradiado	4469	CA	7°07'34"		92°30'45"		1,500	32,5370	32,5060		
Irradiado	4470	MED	345°16'20"		89°12'49"		1,500	35,2410	35,2380		
Irradiado	4471	CA	344°40'35"		89°04'50"		1,500	31,9530	31,9490		
Irradiado	4472	MED	330°41'59"		89°04'34"		1,500	33,6440	33,6400		
Irradiado	4473	MUD	329°20'26"		88°17'47"		1,500	33,9170	33,9020		
Irradiado	4474	MU	326°43'08"		88°06'45"		1,500	30,4350	30,4180		
Irradiado	4475	CA	325°30'15"		86°35'55"		1,500	30,3490	30,2950		
Irradiado	4476	CA	312°59'10"		86°22'19"		1,500	32,6980	32,6330		
Irradiado	4477	CA	304°12'57"		85°36'21"		1,500	35,6980	35,5930		
Irradiado	4478	CA	296°04'26"		85°49'43"		1,500	39,8500	39,7450		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35	E	1,550				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL58		359°59'59"	179°59'56"	92°05'38"	267°53'08"	1,500	17,0850	17,0730		
Auxiliar	D35.1	A	105°14'00"	285°14'13"	88°03'06"	271°56'47"	1,500	89,3560	89,3040		
Auxiliar	D35.2	A	103°09'44"	283°09'23"	86°37'31"	273°22'15"	1,500	222,4420	222,0560		
Irrradiado	4479	MF	271°44'34"		96°20'13"		1,500	40,2770	40,0310		
Irrradiado	4480	MF	266°41'35"		97°24'26"		1,500	28,7470	28,5070		
Irrradiado	4481	MF	280°51'21"		97°55'26"		1,500	26,8830	26,6260		
Irrradiado	4482	EXP	273°48'16"		97°20'02"		1,500	27,4880	27,2630		
Irrradiado	4483	CA	265°04'45"		94°41'06"		2,500	40,6970	40,5610		
Irrradiado	4484	CA	257°02'31"		96°55'21"		1,500	29,3100	29,0960		
Irrradiado	4485	CA	255°20'47"		96°36'48"		1,500	28,5330	28,3430		
Irrradiado	4486	BAT	103°01'56"		86°06'46"		1,500	13,8350	13,8040		
Irrradiado	4487	BAT	126°41'37"		85°43'13"		1,500	16,4500	16,4040		
Irrradiado	4488	EXT	112°55'40"		85°42'30"		1,500	15,3880	15,3440		
Irrradiado	4489	EXT	107°00'49"		86°31'17"		1,500	35,0760	35,0120		
Irrradiado	4490	BAT	102°06'37"		87°16'54"		1,500	35,3230	35,2830		
Irrradiado	4491	BAT	111°28'27"		86°20'43"		1,500	35,3310	35,2590		
Irrradiado	4492	BAT	101°48'42"		88°26'19"		1,500	57,0160	56,9950		
Irrradiado	4493	BAT	106°51'32"		87°46'32"		1,500	57,4260	57,3830		
Irrradiado	4494	EXT	104°25'38"		88°06'27"		1,500	57,1340	57,1030		
Irrradiado	4495	EXT	104°34'59"		88°06'27"		1,500	82,4010	82,3560		
Irrradiado	4496	BAT	102°46'37"		88°19'51"		1,500	81,8560	81,8210		
Irrradiado	4497	BAT	106°25'48"		87°48'32"		1,500	82,1180	82,0580		
Irrradiado	4498	BAT	104°51'54"		87°53'20"		1,500	106,5870	106,5150		
Irrradiado	4499	BAT	102°15'58"		88°14'25"		1,500	106,0220	105,9720		
Irrradiado	4500	EXT	103°33'35"		88°02'18"		1,500	106,2470	106,1850		
Irrradiado	4501	EXT	103°34'28"		87°38'11"		1,500	138,8940	138,7760		
Irrradiado	4502	BAT	104°35'27"		87°28'03"		1,500	139,1650	139,0290		
Irrradiado	4503	BAT	102°19'25"		87°44'26"		1,500	138,6310	138,5240		
Irrradiado	4504	BAT	102°30'17"		87°37'50"		1,500	159,8240	159,6870		
Irrradiado	4505	BAT	104°32'51"		87°25'04"		1,500	159,5750	159,4130		
Irrradiado	4506	EXT	103°39'20"		87°34'05"		1,500	159,6540	159,5100		
Irrradiado	4507	EXT	103°52'15"		87°08'40"		1,500	179,9370	179,7130		
Irrradiado	4508	BAT	104°35'56"		87°08'25"		1,500	179,8670	179,6430		
Irrradiado	4509	BAT	102°46'07"		87°04'36"		1,500	179,9220	179,6870		
Irrradiado	4510	BAT	102°36'03"		86°44'02"		1,500	204,1080	203,7770		
Irrradiado	4511	BAT	104°08'18"		86°39'10"		1,500	204,1970	203,8490		
Irrradiado	4512	EXT	103°28'50"		86°35'58"		1,500	216,6840	216,3020		
Irrradiado	4513	PC	104°40'26"		86°33'26"		1,500	209,1790	208,8020		
Irrradiado	4514	PC	104°48'50"		87°15'41"		1,500	168,8220	168,6290		
Irrradiado	4515	ARV	102°57'54"		87°19'34"		1,500	171,5650	171,3790		
Irrradiado	4516	ARV	102°38'43"		87°44'26"		1,500	157,0510	156,9290		
Irrradiado	4517	PC	104°53'57"		87°28'23"		1,500	128,7010	128,5760		
Irrradiado	4518	PC	106°11'38"		87°55'54"		1,500	88,7730	88,7150		
Irrradiado	4519	PC	108°15'36"		87°07'31"		1,500	53,7260	53,6580		
Irrradiado	4520	CA	92°42'34"		87°55'16"		1,500	23,9130	23,8970		
Irrradiado	4521	CA	97°41'53"		87°37'43"		1,500	28,3120	28,2880		
Irrradiado	4522	CED	97°33'28"		88°01'59"		1,500	37,7620	37,7400		
Irrradiado	4523	CER	99°08'27"		87°54'41"		1,500	38,1860	38,1610		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35	E	1,550				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4524	CERD	99°06'03"		86°57'04"		2,400	46,9890	46,9230		
Irradiado	4525	CED	99°21'52"		88°02'34"		1,500	49,1270	49,0980		
Irradiado	4526	CED	99°45'58"		88°31'27"		1,500	55,7270	55,7080		
Irradiado	4527	CERD	100°41'32"		88°25'20"		1,500	77,7120	77,6830		
Irradiado	4528	CED	100°54'42"		88°07'54"		1,500	81,6060	81,5620		
Irradiado	4529	CED	100°54'12"		88°33'50"		1,500	90,3780	90,3490		
Irradiado	4530	CERV	107°17'19"		88°05'29"		1,500	65,1790	65,1430		
Irradiado	4531	CED	111°13'28"		85°52'46"		1,500	46,3900	46,2710		
Irradiado	4532	CA	114°01'37"		85°42'41"		1,500	39,5620	39,4510		
Irradiado	4533	CA	114°40'50"		87°36'02"		0,100	37,5520	37,5190		
Irradiado	4534	CA	118°18'09"		87°36'01"		0,100	31,6100	31,5820		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35.1	E	1,477				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D35		359°59'51"	179°59'30"	91°57'27"	268°02'42"	1,500	89,3550	89,3030		
Irradiado	4535	CERD	122°14'02"		92°44'41"		1,500	8,5370	8,5270		
Irradiado	4536	CERD	155°25'12"		89°02'25"		1,500	20,6250	20,6220		
Irradiado	4537	CED	159°35'45"		88°34'01"		1,500	25,7940	25,7860		
Irradiado	4538	CED	163°26'22"		88°03'41"		1,500	34,2110	34,1910		
Irradiado	4539	CERD	164°50'10"		87°32'51"		1,500	42,4410	42,4020		
Irradiado	4540	CED	166°09'47"		87°42'32"		1,500	45,0300	44,9940		
Irradiado	4541	CA	168°33'27"		86°56'22"		1,500	44,7070	44,6430		
Irradiado	4542	CA	170°26'37"		86°56'17"		1,500	53,1140	53,0380		
Irradiado	4543	CA	170°35'08"		87°08'41"		1,500	55,0560	54,9870		
Irradiado	4544	ED	171°41'01"		87°16'55"		1,500	62,2090	62,1390		
Irradiado	4545	CA	172°20'09"		87°19'14"		1,500	68,2210	68,1460		
Irradiado	4546	CERV	171°04'58"		84°54'03"		4,600	70,9010	70,6200		
Irradiado	4547	CED	172°05'33"		85°35'25"		2,600	75,7310	75,5070		
Irradiado	4548	CA	172°50'27"		86°24'21"		1,500	82,0780	81,9170		
Irradiado	4549	CED	172°06'43"		84°20'04"		4,600	82,7940	82,3900		
Irradiado	4550	CED	172°28'28"		84°13'00"		4,600	86,5860	86,1460		
Irradiado	4551	CA	172°42'11"		84°21'48"		4,600	93,9210	93,4670		
Irradiado	4552	CERV	173°15'02"		86°02'02"		1,500	95,3460	95,1180		
Irradiado	4553	CED	173°36'50"		85°50'54"		1,500	99,2350	98,9750		
Irradiado	4554	CA	174°00'58"		85°47'48"		1,500	106,1040	105,8180		
Irradiado	4555	CERV	180°04'52"		85°53'22"		1,500	96,7630	96,5140		
Irradiado	4556	CED	180°17'19"		85°55'22"		1,500	94,1440	93,9060		
Irradiado	4557	CED	180°19'42"		86°17'25"		1,500	85,9530	85,7730		
Irradiado	4558	CERV	180°31'08"		86°17'45"		1,500	83,7800	83,6050		
Irradiado	4559	CA	182°40'31"		85°26'05"		1,500	31,5020	31,4020		
Irradiado	4560	CED	184°48'02"		77°37'58"		4,600	24,5120	23,9440		
Irradiado	4561	CERD	182°53'30"		86°11'53"		1,500	20,7340	20,6890		
Irradiado	4562	CED	183°49'19"		84°54'45"		1,500	18,2490	18,1770		
Irradiado	4563	CA	196°21'32"		83°58'36"		1,500	6,8810	6,8430		
Irradiado	4564	CED	210°03'33"		82°24'47"		1,500	7,6870	7,6200		
Irradiado	4565	CERD	211°50'42"		82°34'31"		1,500	7,0460	6,9870		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35.1	E	1,477				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4566	CED	294°56'23"		76°07'04"		1,500	4,5480	4,4150		
Irradiado	4567	MED	332°41'18"		83°53'35"		1,500	9,9210	9,8650		
Irradiado	4568	MCER	338°03'40"		88°51'23"		1,500	12,3520	12,3500		
Irradiado	4569	CERD	339°32'02"		87°58'40"		1,500	13,5100	13,5020		
Irradiado	4570	CA	346°02'43"		89°31'56"		1,500	21,3920	21,3920		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35.2	E	1,500				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D35		0°00'02"	179°59'48"	93°23'55"	266°36'27"	1,500	222,4260	222,0350		
Irradiado	4571	BAT	92°25'57"		94°25'49"		1,500	73,7800	73,5600		
Irradiado	4572	BAT	96°34'49"		94°32'12"		1,500	71,9460	71,7210		
Irradiado	4573	EXT	94°03'38"		94°19'36"		1,500	71,8100	71,6050		
Irradiado	4574	EXT	91°17'40"		94°16'35"		1,500	38,8520	38,7430		
Irradiado	4575	BAT	95°58'08"		94°03'14"		1,500	38,5720	38,4750		
Irradiado	4576	BAT	86°06'50"		94°06'29"		1,500	39,7490	39,6460		
Irradiado	4577	BAT	57°56'31"		94°39'11"		1,500	12,6380	12,5970		
Irradiado	4578	BAT	87°15'52"		95°41'22"		1,500	8,9330	8,8890		
Irradiado	4579	BAT	32°21'51"		93°52'21"		1,500	10,0210	9,9980		
Irradiado	4580	BAT	20°54'57"		93°33'45"		1,500	10,5230	10,5030		
Irradiado	4581	BAT	13°45'18"		93°04'56"		1,500	11,7010	11,6840		
Irradiado	4582	BAT	327°44'33"		90°49'04"		1,500	13,4610	13,4600		
Irradiado	4583	BAT	337°43'15"		91°54'14"		1,500	12,3570	12,3500		
Irradiado	4584	BAT	347°00'50"		92°59'48"		1,500	13,1880	13,1700		
Irradiado	4585	BAT	287°59'01"		88°25'40"		1,500	27,0140	27,0040		
Irradiado	4586	BAT	304°31'58"		88°51'27"		1,500	27,2990	27,2940		
Irradiado	4587	EXT	296°59'21"		88°24'33"		1,500	26,3900	26,3800		
Irradiado	4588	EXT	292°11'10"		88°13'06"		1,500	50,4210	50,3960		
Irradiado	4589	BAT	288°14'26"		88°13'07"		1,500	51,6550	51,6300		
Irradiado	4590	BAT	296°35'46"		88°28'09"		1,500	50,2270	50,2090		
Irradiado	4591	BAT	295°16'02"		88°12'40"		1,500	70,2910	70,2570		
Irradiado	4592	BAT	289°14'31"		88°00'03"		1,500	72,1340	72,0900		
Irradiado	4593	EXT	292°28'47"		88°05'50"		1,500	71,1930	71,1540		
Irradiado	4594	EXT	292°59'56"		87°42'35"		1,500	97,4200	97,3430		
Irradiado	4595	BAT	295°10'02"		87°47'54"		1,500	97,7090	97,6370		
Irradiado	4596	BAT	290°46'15"		87°32'31"		1,500	98,9600	98,8690		
Irradiado	4597	BAT	295°51'14"		87°59'09"		1,500	133,5790	133,4960		
Irradiado	4598	BAT	292°29'28"		87°52'52"		1,500	135,1820	135,0900		
Irradiado	4599	EXT	294°07'33"		87°49'46"		1,500	134,2850	134,1890		
Irradiado	4600	EXT	295°15'13"		88°10'20"		1,500	166,9720	166,8870		
Irradiado	4601	BAT	293°52'34"		88°10'15"		1,500	167,1830	167,0980		
Irradiado	4602	BAT	296°19'11"		87°51'41"		2,600	166,7530	166,6370		
Irradiado	4603	PCA	294°00'31"		88°06'44"		1,500	185,9600	185,8590		
Irradiado	4604	PCA	289°33'57"		87°20'30"		1,500	108,0380	107,9210		
Irradiado	4605	PCA	286°31'38"		88°05'12"		1,500	48,0480	48,0210		
Irradiado	4606	CA	299°43'27"		87°56'14"		2,000	113,1740	113,1000		
Irradiado	4607	CERV	298°32'41"		87°51'46"		2,000	112,1720	112,0940		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D35.2	E	1,500				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4608	CA	300°04'48"		87°49'16"		2,000	105,9140	105,8370		
Irradiado	4609	CERD	300°01'31"		88°05'12"		2,000	95,3700	95,3170		
Irradiado	4610	CA	302°33'21"		89°08'36"		1,500	61,7470	61,7400		
Irradiado	4611	CA	304°14'50"		89°23'52"		1,500	56,0770	56,0740		
Irradiado	4612	CERV	300°47'23"		89°09'10"		2,000	49,8570	49,8510		
Irradiado	4613	CER	322°04'34"		91°34'35"		1,500	20,7080	20,7010		
Irradiado	4614	CED	335°26'22"		92°34'59"		1,500	26,9020	26,8750		
Irradiado	4615	CED	342°37'38"		93°55'34"		1,500	33,4040	33,3250		
Irradiado	4616	CERV	345°57'29"		94°23'18"		1,500	37,4490	37,3390		
Irradiado	4617	CA	10°25'26"		94°53'22"		1,500	24,1820	24,0940		
Irradiado	4618	CA	13°51'04"		95°09'21"		1,500	19,6680	19,5890		
Irradiado	4619	CED	31°58'27"		95°34'57"		1,500	22,5160	22,4100		
Irradiado	4620	CER	55°42'07"		93°17'14"		1,500	18,6040	18,5740		
Irradiado	4621	CER	74°08'42"		89°00'36"		1,500	39,4840	39,4780		
Irradiado	4622	CERV	79°23'06"		89°40'59"		1,500	64,3120	64,3110		
Irradiado	4623	CRP	38°44'56"		92°27'19"		1,500	12,7460	12,7350		
Irradiado	4624	PE	70°43'20"		93°59'25"		1,500	20,2230	20,1740		
Irradiado	4625	CRI	66°41'04"		90°48'43"		1,500	21,1220	21,1200		
Irradiado	4626	CRI	83°05'13"		90°04'53"		1,500	41,8450	41,8450		
Irradiado	4627	PE	85°03'21"		93°51'21"		1,500	41,6900	41,5950		
Irradiado	4628	PE	89°29'41"		94°31'48"		1,500	60,5030	60,3140		
Irradiado	4629	CRI	87°50'50"		90°20'36"		1,500	60,9570	60,9560		
Irradiado	4630	CRI	90°23'12"		90°24'11"		1,500	79,3670	79,3650		
Irradiado	4631	PE	91°38'31"		94°14'54"		1,500	79,3280	79,1100		
Irradiado	4632	PE	93°01'09"		94°19'43"		1,500	94,6180	94,3480		
Irradiado	4633	CRI	91°52'51"		90°21'47"		1,500	94,5630	94,5610		
Irradiado	4634	PCA	132°11'40"		83°36'26"		1,500	4,1880	4,1620		
Irradiado	4635	PC	192°35'32"		84°25'14"		1,500	27,4340	27,3040		
Irradiado	4636	CERV	190°05'27"		84°13'01"		1,500	45,0250	44,7950		
Irradiado	4637	CA	193°21'02"		84°18'57"		1,500	43,6740	43,4590		
Irradiado	4638	CA	194°56'30"		84°56'14"		1,000	38,1540	38,0050		
Irradiado	4639	CERD	194°02'12"		84°07'28"		1,500	31,9130	31,7460		
Irradiado	4640	CED	196°49'21"		84°13'39"		1,500	26,4320	26,2980		
Irradiado	4641	CED	202°28'04"		84°38'57"		1,500	19,7890	19,7030		
Irradiado	4642	CERD	205°34'26"		83°59'23"		1,500	17,2930	17,1980		
Irradiado	4643	CED	215°11'43"		84°50'29"		1,500	12,7300	12,6790		
Irradiado	4644	CA	261°03'11"		87°35'22"		1,500	7,3050	7,2990		
Irradiado	4645	CED	268°00'06"		88°00'04"		1,500	17,3290	17,3190		
Irradiado	4646	CER	283°26'54"		88°25'54"		1,500	16,9950	16,9890		
Irradiado	4647	CERV	282°58'48"		83°20'03"		4,600	34,8640	34,6280		
Irradiado	4648	CRP	96°01'44"		94°30'25"		1,500	9,1680	9,1400		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL57	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL58		0°00'00"	179°59'51"	90°03'36"	269°56'14"	1,500	163,4820	163,4820		
Auxiliar	D36	A	85°52'30"	265°52'37"	83°59'15"	276°00'45"	1,500	179,5530	178,5650		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL57	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4649	MF	358°58'00"		90°16'58"		1,500	95,6920	95,6910		
Irradiado	4650	MF	2°44'30"		90°21'56"		1,500	93,8000	93,7980		
Irradiado	4651	EXP	0°45'21"		90°14'57"		1,500	93,6780	93,6770		
Irradiado	4652	EXP	0°43'50"		90°19'17"		1,500	65,0530	65,0520		
Irradiado	4653	MF	3°30'15"		90°22'12"		1,500	65,6510	65,6500		
Irradiado	4654	MF	357°57'30"		90°29'49"		1,500	64,7870	64,7850		
Irradiado	4655	MF	356°29'23"		91°03'18"		1,500	45,5350	45,5270		
Irradiado	4656	MF	4°38'07"		90°45'44"		1,500	45,3720	45,3680		
Irradiado	4657	EXP	0°14'04"		90°49'11"		1,500	44,6970	44,6920		
Irradiado	4658	EXP	359°49'08"		91°05'15"		1,500	21,3200	21,3170		
Irradiado	4659	MF	351°16'22"		91°19'54"		1,500	21,1550	21,1500		
Irradiado	4660	MF	8°47'22"		90°57'45"		1,500	21,4220	21,4190		
Irradiado	4661	MF	345°56'00"		92°44'50"		1,500	13,8230	13,8070		
Irradiado	4662	MF	339°15'31"		93°19'27"		1,500	10,2800	10,2630		
Irradiado	4663	MF	323°00'06"		94°07'26"		1,500	10,0060	9,9800		
Irradiado	4664	MF	17°10'08"		91°44'51"		1,500	10,5490	10,5440		
Irradiado	4665	MF	22°05'20"		92°02'48"		1,500	8,3950	8,3900		
Irradiado	4666	MF	27°08'45"		92°02'30"		1,500	7,6460	7,6410		
Irradiado	4667	MF	43°36'56"		91°02'09"		1,500	7,5740	7,5730		
Irradiado	4668	MF	272°26'46"		95°21'16"		1,500	9,2490	9,2090		
Irradiado	4669	MF	273°08'00"		95°25'19"		1,500	6,1470	6,1200		
Irradiado	4670	MF	247°48'43"		94°59'51"		1,500	4,2070	4,1910		
Irradiado	4671	MF	214°16'10"		91°48'53"		1,500	6,0100	6,0070		
Irradiado	4672	MF	99°45'00"		91°39'59"		1,500	4,6850	4,6830		
Irradiado	4673	MF	104°38'16"		92°14'38"		1,500	3,8030	3,8000		
Irradiado	4674	MF	126°03'01"		92°20'40"		1,500	3,9130	3,9100		
Irradiado	4675	MF	191°04'59"		89°27'01"		1,500	23,1630	23,1620		
Irradiado	4676	MF	176°31'39"		89°27'14"		1,500	24,1340	24,1330		
Irradiado	4677	EXP	183°30'25"		89°27'01"		1,500	23,3840	23,3830		
Irradiado	4678	EXP	183°51'30"		89°08'00"		1,500	50,9020	50,8960		
Irradiado	4679	MF	187°28'07"		89°17'07"		1,500	51,7220	51,7180		
Irradiado	4680	MF	180°47'43"		89°06'33"		1,500	52,0700	52,0630		
Irradiado	4681	MF	181°50'36"		88°40'42"		1,500	79,1740	79,1530		
Irradiado	4682	MF	186°23'37"		88°48'32"		1,500	78,8250	78,8080		
Irradiado	4683	EXP	184°07'55"		88°44'58"		1,500	78,9260	78,9070		
Irradiado	4684	BAT	181°59'29"		88°40'29"		1,500	80,9250	80,9040		
Irradiado	4685	BAT	186°14'30"		88°46'28"		1,500	81,6110	81,5920		
Irradiado	4686	BAT	185°14'09"		88°20'14"		1,500	118,1690	118,1190		
Irradiado	4687	BAT	182°00'10"		88°10'35"		1,500	118,8410	118,7800		
Irradiado	4688	EXT	183°24'34"		88°20'19"		1,500	118,6450	118,5950		
Irradiado	4689	EXT	184°06'41"		88°07'52"		1,500	141,5840	141,5090		
Irradiado	4690	BAT	183°02'21"		87°56'43"		1,500	141,7680	141,6770		
Irradiado	4691	BAT	185°10'49"		88°09'06"		1,500	141,7250	141,6510		
Irradiado	4692	BAT	184°45'35"		87°55'35"		1,500	170,8890	170,7780		
Irradiado	4693	BAT	182°44'37"		87°54'50"		1,500	170,6540	170,5410		
Irradiado	4694	EXT	183°43'35"		87°55'07"		1,500	180,6330	180,5130		
Irradiado	4695	PC	185°30'08"		88°12'26"		1,500	145,3280	145,2570		
Irradiado	4696	PC	189°37'48"		89°25'50"		1,500	53,7250	53,7220		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL57	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4697	ARV	180°04'04"		88°54'25"		1,500	46,6030	46,5940		
Irradiado	4698	ARV	179°01'27"		89°09'41"		1,500	41,8370	41,8320		
Irradiado	4699	ARV	174°42'22"		89°17'38"		1,500	28,1730	28,1710		
Irradiado	4700	ARV	168°04'36"		89°07'01"		1,500	18,2730	18,2710		
Irradiado	4701	ARV	134°07'31"		90°05'13"		1,500	6,1150	6,1150		
Irradiado	4702	PC	197°29'22"		90°22'11"		1,500	13,5910	13,5910		
Irradiado	4703	TP	198°52'42"		90°22'14"		1,500	12,3920	12,3920		
Irradiado	4704	PC	352°34'04"		91°22'58"		1,500	27,0060	26,9990		
Irradiado	4705	PC	357°31'37"		90°33'58"		1,500	66,7950	66,7920		
Irradiado	4706	PC	358°55'25"		90°41'07"		1,500	106,9630	106,9550		
Irradiado	4707	MU	4°39'29"		89°37'36"		1,500	72,7770	72,7760		
Irradiado	4708	MED	5°14'40"		89°49'57"		1,500	62,9560	62,9560		
Irradiado	4709	CA	6°29'05"		89°43'46"		1,500	50,3710	50,3700		
Irradiado	4710	CERV	6°35'52"		90°29'13"		1,500	49,2740	49,2720		
Irradiado	4711	CERD	7°36'30"		89°59'16"		1,500	47,0620	47,0620		
Irradiado	4712	CED	8°56'50"		90°02'19"		1,500	36,6270	36,6270		
Irradiado	4713	CERD	9°29'56"		90°24'18"		1,500	34,2560	34,2550		
Irradiado	4714	CED	11°21'04"		90°19'51"		1,500	27,5170	27,5170		
Irradiado	4715	CA	13°45'55"		90°27'05"		1,500	20,8250	20,8250		
Irradiado	4716	CERV	20°02'53"		90°17'04"		1,500	19,8030	19,8030		
Irradiado	4717	CED	20°42'31"		89°11'24"		1,500	18,8710	18,8690		
Irradiado	4718	CA	49°22'53"		90°42'51"		1,500	8,2070	8,2070		
Irradiado	4719	MU	103°42'32"		89°38'46"		1,500	6,0730	6,0730		
Irradiado	4720	MED	141°30'38"		88°06'48"		1,500	8,3080	8,3040		
Irradiado	4721	CA	163°42'01"		87°05'27"		2,000	14,4620	14,4440		
Irradiado	4722	MED	153°21'43"		79°48'16"		3,000	16,4700	16,2100		
Irradiado	4723	MED	164°18'37"		86°16'20"		2,600	22,6110	22,5640		
Irradiado	4724	CA	169°52'39"		89°11'26"		1,500	29,4550	29,4530		
Irradiado	4725	CA	175°00'43"		88°14'57"		1,500	33,0800	33,0640		
Irradiado	4726	CA	176°57'24"		89°01'07"		1,500	41,9930	41,9860		
Irradiado	4727	CERV	176°54'26"		88°56'45"		1,500	42,8640	42,8560		
Irradiado	4728	CED	177°55'58"		88°39'12"		1,500	49,9040	49,8900		
Irradiado	4729	CA	178°41'35"		89°11'02"		1,000	55,3720	55,3660		
Irradiado	4730	CERV	178°45'54"		89°16'40"		1,000	56,3870	56,3820		
Irradiado	4731	MU	191°00'56"		89°19'51"		1,500	53,8770	53,8730		
Irradiado	4732	CA	195°54'46"		89°23'33"		1,500	38,6990	38,6960		
Irradiado	4733	CA	199°10'40"		87°35'37"		2,400	30,5980	30,5710		
Irradiado	4734	CERV	206°45'11"		90°14'30"		1,500	31,4310	31,4310		
Irradiado	4735	CED	206°48'28"		89°24'35"		1,500	29,7710	29,7700		
Irradiado	4736	CA	214°13'22"		90°08'45"		1,500	23,5620	23,5620		
Irradiado	4737	CA	216°43'18"		91°13'59"		1,500	14,9480	14,9450		
Irradiado	4738	CA	239°23'20"		91°19'48"		1,500	10,7230	10,7200		
Irradiado	4739	CA	332°05'24"		93°11'46"		1,500	13,1530	13,1330		
Irradiado	4740	CA	342°07'43"		92°56'36"		1,500	19,0320	19,0070		
Irradiado	4741	CA	344°08'24"		92°23'52"		1,500	26,4610	26,4380		
Irradiado	4742	CA	349°45'50"		91°45'08"		1,500	37,1880	37,1700		
Irradiado	4743	CA	353°03'31"		92°00'24"		1,000	42,2010	42,1750		
Irradiado	4744	CA	354°05'11"		91°31'52"		1,500	48,0100	47,9930		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL57	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	4745	CA	354°35'27"		91°31'57"		1,000	54,9060	54,8860		
Irrradiado	4746	CA	355°57'04"		90°35'00"		1,500	66,4540	66,4510		
Irrradiado	4747	CA	356°29'29"		89°53'42"		1,500	68,8980	68,8980		
Irrradiado	4748	MED	356°48'13"		89°56'50"		1,500	73,0050	73,0050		
Irrradiado	4749	MED	357°22'18"		89°49'27"		1,500	81,0540	81,0540		
Irrradiado	4750	ED	357°47'55"		90°00'09"		1,500	91,3160	91,3160		
Irrradiado	4751	CA	357°54'45"		90°06'18"		1,500	95,8520	95,8520		
Irrradiado	4752	CERV	357°58'08"		90°14'26"		1,500	97,4240	97,4230		
Irrradiado	4753	MF	288°06'30"		93°53'51"		1,500	21,0110	20,9630		
Irrradiado	4754	MF	269°17'50"		93°25'22"		1,500	19,7570	19,7220		
Irrradiado	4755	EXP	278°58'21"		93°25'41"		1,500	19,9580	19,9230		
Irrradiado	4756	EXP	270°25'11"		91°09'08"		1,500	48,0960	48,0860		
Irrradiado	4757	MF	266°24'46"		91°04'08"		1,500	48,1890	48,1800		
Irrradiado	4758	MF	273°40'33"		91°17'13"		1,500	48,8800	48,8670		
Irrradiado	4759	CERV	277°44'02"		91°54'43"		1,500	49,9950	49,9670		
Irrradiado	4760	CERV	265°08'19"		89°38'57"		2,600	47,4530	47,4520		
Irrradiado	4761	CERV	280°09'24"		92°30'27"		1,500	41,0140	40,9740		
Irrradiado	4762	CER	266°10'40"		93°09'57"		1,500	19,9480	19,9180		
Irrradiado	4763	CED	252°39'31"		91°27'04"		1,500	20,0740	20,0680		
Irrradiado	4764	BAT	98°17'33"		90°11'08"		1,500	5,5990	5,5990		
Irrradiado	4765	BAT	49°50'47"		90°20'20"		1,500	7,8100	7,8100		
Irrradiado	4766	BAT	81°43'43"		88°11'53"		1,500	26,0830	26,0710		
Irrradiado	4767	BAT	93°00'27"		89°01'30"		1,000	25,2710	25,2680		
Irrradiado	4768	EXT	86°45'35"		88°03'04"		1,500	25,6590	25,6450		
Irrradiado	4769	EXT	87°08'50"		86°59'03"		1,500	44,8090	44,7470		
Irrradiado	4770	BAT	83°06'33"		86°50'45"		1,500	45,2390	45,1700		
Irrradiado	4771	BAT	91°41'09"		88°47'37"		0,100	44,1230	44,1130		
Auxiliar	D37	A	85°21'39"	265°21'28"	86°31'11"	273°29'01"	1,500	49,1090	49,0180		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D37	E	1,528				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL57		0°00'00"	180°00'04"	93°42'06"	266°17'47"	1,500	49,1240	49,0210		
Irrradiado	4772	BAT	173°27'43"		80°13'27"		1,500	18,8400	18,5670		
Irrradiado	4773	BAT	192°33'13"		81°56'29"		1,500	18,6250	18,4410		
Irrradiado	4774	EXT	183°25'15"		81°17'03"		1,500	18,4790	18,2660		
Irrradiado	4775	EXT	182°39'28"		81°48'09"		1,500	39,4780	39,0740		
Irrradiado	4776	BAT	186°57'40"		81°49'51"		1,500	39,6350	39,2320		
Irrradiado	4777	BAT	177°17'03"		81°10'38"		1,500	39,5950	39,1260		
Irrradiado	4778	BAT	177°51'56"		81°32'26"		1,500	64,7230	64,0190		
Irrradiado	4779	BAT	182°53'08"		81°33'38"		1,500	63,9370	63,2450		
Irrradiado	4780	EXT	180°17'39"		81°33'38"		1,500	64,3090	63,6130		
Irrradiado	4781	EXT	180°32'01"		82°06'47"		1,500	81,9480	81,1730		
Irrradiado	4782	BAT	178°33'27"		82°09'22"		1,500	82,4500	81,6790		
Irrradiado	4783	BAT	182°58'04"		81°59'05"		1,500	81,8550	81,0550		
Irrradiado	4784	BAT	179°27'15"		82°02'39"		2,500	100,1160	99,1530		
Irrradiado	4785	BAT	183°01'28"		81°57'32"		2,500	100,3740	99,3880		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D37	E	1,528				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4786	EXT	181°13'50"		81°59'48"		2,500	100,3440	99,3670		
Irradiado	4787	CERV	176°57'33"		81°21'53"		3,000	102,8170	101,6520		
Irradiado	4788	CER	175°45'00"		80°48'24"		2,000	57,9480	57,2040		
Irradiado	4789	CA	187°39'37"		81°21'45"		1,500	48,0730	47,5280		
Irradiado	4790	CA	188°55'08"		82°01'51"		1,500	42,4640	42,0540		
Irradiado	4791	CA	198°00'09"		83°09'26"		1,500	43,8600	43,5470		
Irradiado	4792	CERD	174°26'58"		81°21'50"		1,500	31,0280	30,6770		
Irradiado	4793	CERD	169°31'50"		80°09'25"		1,500	15,4130	15,1860		
Irradiado	4794	CERD	166°03'20"		79°57'54"		1,500	11,2180	11,0470		
Irradiado	4795	CERV	217°55'14"		86°13'00"		1,500	16,6010	16,5650		
Irradiado	4796	CER	338°45'45"		94°44'37"		1,500	16,0490	15,9940		
Irradiado	4797	MCER	354°14'16"		94°27'41"		1,500	33,1330	33,0320		
Irradiado	4798	CER	5°58'08"		94°52'22"		1,500	36,3790	36,2470		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D36	E	1,545				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL57		0°00'00"	180°00'13"	96°05'28"	263°54'52"	1,500	179,5770	178,5630		
Irradiado	4799	BAT	337°54'48"		95°55'35"		1,500	9,3930	9,3430		
Irradiado	4800	BAT	16°41'06"		98°20'57"		1,500	8,1400	8,0540		
Irradiado	4801	BAT	62°52'55"		98°34'09"		1,500	3,2380	3,2020		
Irradiado	4802	BAT	94°40'22"		92°43'24"		1,500	3,8680	3,8640		
Irradiado	4803	BAT	108°13'43"		90°34'38"		1,500	6,0330	6,0330		
Irradiado	4804	BAT	319°49'15"		94°18'14"		1,500	7,5210	7,5000		
Irradiado	4805	BAT	304°10'14"		92°03'06"		1,500	8,0520	8,0470		
Irradiado	4806	BAT	294°12'28"		90°12'54"		1,500	9,4590	9,4590		
Irradiado	4807	BAT	293°14'12"		89°43'22"		1,500	14,5410	14,5410		
Irradiado	4808	BAT	267°08'46"		89°04'28"		1,500	16,4470	16,4450		
Irradiado	4809	EXT	280°18'53"		89°04'29"		1,500	15,4710	15,4690		
Irradiado	4810	EXT	287°25'30"		89°21'22"		1,500	46,2140	46,2110		
Irradiado	4811	BAT	282°28'47"		89°21'04"		1,500	46,9860	46,9830		
Irradiado	4812	BAT	293°04'47"		89°38'56"		1,500	46,3100	46,3090		
Irradiado	4813	BAT	292°35'32"		89°30'45"		1,500	78,8910	78,8880		
Irradiado	4814	BAT	286°36'55"		89°28'43"		1,500	79,9330	79,9300		
Irradiado	4815	EXT	289°46'55"		89°24'10"		1,500	79,6080	79,6040		
Irradiado	4816	CA	114°19'17"		90°56'34"		1,500	127,2200	127,2030		
Irradiado	4817	CA	115°08'14"		90°45'25"		1,500	121,2720	121,2610		
Irradiado	4818	EXT	290°57'14"		89°25'03"		1,500	118,6600	118,6540		
Irradiado	4819	BAT	293°03'54"		89°37'48"		1,500	117,7510	117,7480		
Irradiado	4820	BAT	289°14'43"		89°19'42"		1,500	119,5540	119,5450		
Irradiado	4821	CA	119°40'14"		88°32'14"		4,600	105,2040	105,1690		
Irradiado	4822	CA	119°35'15"		88°13'57"		4,600	99,1440	99,0970		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL56	E	1,590				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL55		0°00'02"	180°00'03"	85°55'22"	274°04'53"	1,500	63,5160	63,3550		
Irradiado	4838	BAT	61°00'39"		96°25'55"		1,500	1,0190	1,0130		
Irradiado	4839	BAT	183°10'59"		103°10'08"		1,500	0,7270	0,7080		
Irradiado	4840	BAT	238°03'51"		92°38'42"		1,500	1,5770	1,5750		
Irradiado	4841	BAT	175°08'45"		89°16'06"		1,500	8,0930	8,0920		
Irradiado	4842	BAT	178°29'46"		89°30'25"		1,500	7,4560	7,4560		
Irradiado	4843	BAT	183°38'19"		89°25'00"		1,500	7,2120	7,2120		
Irradiado	4844	BAT	260°16'22"		88°34'00"		1,500	20,9170	20,9110		
Irradiado	4845	BAT	275°28'00"		88°47'26"		1,500	20,2680	20,2640		
Irradiado	4846	EXT	267°40'38"		88°42'01"		1,500	20,2150	20,2100		
Irradiado	4847	EXT	271°01'21"		88°44'00"		1,500	39,4830	39,4730		
Irradiado	4848	BAT	266°11'25"		88°20'42"		1,500	40,1490	40,1320		
Irradiado	4849	BAT	275°09'53"		88°52'25"		1,500	39,4430	39,4350		
Irradiado	4850	BAT	265°56'20"		88°04'53"		1,500	60,6820	60,6480		
Irradiado	4851	BAT	272°39'27"		88°28'26"		1,500	60,2670	60,2450		
Irradiado	4852	EXT	269°34'45"		88°11'15"		1,500	60,4000	60,3700		
Irradiado	4853	BAT	265°03'58"		87°59'17"		1,500	83,0460	82,9950		
Irradiado	4854	BAT	269°20'08"		87°45'06"		1,500	82,2560	82,1930		
Irradiado	4855	EXT	267°06'45"		87°53'53"		1,500	82,6200	82,5650		
Irradiado	4856	BAT	267°21'24"		88°04'34"		1,500	102,1250	102,0680		
Irradiado	4857	BAT	264°23'48"		88°08'22"		1,500	101,5550	101,5020		
Irradiado	4858	EXT	265°48'33"	278°29'13"	88°07'47"	267°24'05"	1,500	101,2720	101,2190		
Irradiado	4914	PC	290°23'03"		95°25'51"		1,500	0,6180	0,6150		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
F2	E	1,547				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL55		0°00'00"	179°59'45"	92°51'17"	267°07'57"	1,500	204,2250	203,9710		
Irradiado	4915	BAT	114°15'08"		90°54'14"		1,500	13,3860	13,3850		
Irradiado	4916	BAT	87°16'38"		92°00'23"		1,500	16,9140	16,9040		
Irradiado	4917	EXT	98°29'17"		91°18'20"		1,500	14,9450	14,9410		
Irradiado	4918	BAT	35°31'48"		92°44'48"		1,500	11,5460	11,5330		
Irradiado	4919	BAT	28°18'38"		92°44'39"		1,500	13,1150	13,1000		
Irradiado	4920	BAT	24°53'35"		92°34'03"		1,500	14,8360	14,8210		
Irradiado	4921	BAT	353°00'16"		93°02'07"		1,500	19,5100	19,4830		
Irradiado	4922	BAT	348°21'01"		92°58'24"		1,500	19,0370	19,0120		
Irradiado	4923	BAT	343°11'33"		92°41'04"		1,500	19,3390	19,3180		
Irradiado	4924	EXT	14°57'24"		93°00'39"		1,500	7,1990	7,1890		
Irradiado	4925	BAT	323°29'43"		93°04'18"		1,500	9,6210	9,6070		
Irradiado	4926	BAT	323°30'28"		93°09'46"		1,500	37,9580	37,9000		
Irradiado	4927	BAT	313°16'10"		92°53'35"		1,500	36,3860	36,3390		
Irradiado	4928	EXT	319°08'28"		93°01'52"		1,500	36,9620	36,9100		
Irradiado	4929	EXT	315°59'48"		93°07'04"		1,500	55,3300	55,2480		
Irradiado	4930	BAT	319°49'59"		93°13'34"		1,500	55,4240	55,3360		
Irradiado	4931	BAT	312°07'30"		93°05'58"		1,500	55,0900	55,0090		
Irradiado	4932	BAT	311°50'22"		93°15'18"		1,500	74,5900	74,4700		
Irradiado	4933	BAT	317°23'00"		93°17'03"		1,500	75,1060	74,9830		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
F2	E	1,547				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4934	EXT	314°43'22"		93°16'49"		1,500	74,6880	74,5660		
Irradiado	4935	EXT	314°15'38"		93°31'42"		1,500	93,6360	93,4590		
Irradiado	4936	BAT	316°18'50"		93°31'53"		1,500	93,5760	93,3990		
Irradiado	4937	BAT	312°04'03"		93°31'50"		1,500	93,6390	93,4620		
Irradiado	4938	BAT	315°09'11"		93°29'28"		1,500	116,6440	116,4270		
Irradiado	4939	BAT	312°21'49"		93°29'41"		1,500	115,8470	115,6310		
Irradiado	4940	EXT	313°46'26"		93°29'52"		1,500	116,3260	116,1090		
Irradiado	4941	EXT	313°40'38"		93°16'15"		1,500	136,8450	136,6220		
Irradiado	4942	BAT	312°25'49"		93°12'10"		1,500	136,7910	136,5770		
Irradiado	4943	BAT	314°57'26"		93°12'11"		1,500	136,5910	136,3780		
Irradiado	4944	BAT	314°57'20"		92°58'59"		1,500	156,9970	156,7850		
Irradiado	4945	BAT	312°44'54"		92°54'03"		1,500	157,7030	157,5010		
Irradiado	4946	EXT	313°45'48"		92°55'53"		1,500	157,5780	157,3720		
Irradiado	4947	EXT	313°52'59"		92°25'17"		1,500	178,1260	177,9670		
Irradiado	4948	BAT	313°04'53"		92°25'18"		1,500	178,0170	177,8580		
Irradiado	4949	BAT	315°02'08"		92°25'19"		1,500	178,1730	178,0130		
Irradiado	4950	BAT	314°42'59"		91°41'42"		1,500	200,7040	200,6160		
Irradiado	4951	BAT	312°52'53"		91°41'43"		1,500	199,9370	199,8490		
Irradiado	4952	EXT	313°49'31"		91°41'49"		1,500	200,4000	200,3120		
Irradiado	4953	EXT	313°25'44"		91°01'13"		1,500	224,6370	224,6020		
Irradiado	4954	BAT	312°36'24"		91°01'16"		1,500	224,5960	224,5600		
Irradiado	4955	BAT	314°24'29"		91°01'12"		1,500	224,6970	224,6620		
Irradiado	4956	PCA	311°33'57"		90°33'01"		1,500	237,8910	237,8800		
Irradiado	4957	CRP	314°45'29"		90°57'25"		1,500	227,9250	227,8930		
Irradiado	4958	CRI	315°10'21"		91°07'13"		1,500	216,7490	216,7080		
Irradiado	4959	PE	314°53'18"		91°14'02"		1,500	216,7920	216,7420		
Irradiado	4960	CERD	315°32'13"		91°25'06"		1,500	206,7820	206,7190		
Irradiado	4961	CERV	316°11'08"		92°00'02"		1,500	191,7660	191,6490		
Irradiado	4962	PE	316°41'20"		93°02'45"		1,500	181,1620	180,9060		
Irradiado	4963	CRI	315°33'03"		92°21'43"		1,500	182,6010	182,4450		
Irradiado	4964	CRI	315°24'32"		92°38'19"		1,500	173,2160	173,0330		
Irradiado	4965	PE	316°58'06"		93°24'20"		1,500	173,7810	173,4750		
Irradiado	4966	CRI	315°21'16"		93°08'14"		1,500	149,3370	149,1130		
Irradiado	4967	PE	317°18'58"		92°58'12"		4,600	149,7090	149,5080		
Irradiado	4968	CRI	315°23'32"		93°23'28"		1,500	127,8990	127,6750		
Irradiado	4969	PE	317°56'47"		93°16'01"		4,600	127,9810	127,7730		
Irradiado	4970	PE	318°32'51"		93°30'59"		4,600	107,9070	107,7030		
Irradiado	4971	CRI	315°59'13"		93°39'20"		1,500	108,7540	108,5320		
Irradiado	4972	CRI	319°26'12"		92°25'38"		1,500	78,8290	78,7580		
Irradiado	4973	PE	317°59'09"		93°27'34"		1,500	79,6480	79,5030		
Irradiado	4974	PE	319°33'34"		93°20'22"		1,500	60,7720	60,6690		
Irradiado	4975	CRI	320°51'22"		92°09'16"		1,500	61,2150	61,1720		
Irradiado	4976	CRI	324°49'09"		91°34'52"		1,500	44,4890	44,4720		
Irradiado	4977	PE	322°10'43"		93°15'41"		1,500	43,8510	43,7800		
Irradiado	4978	CRP	329°38'09"		92°55'14"		1,500	42,3720	42,3170		
Irradiado	4979	CERV	323°42'16"		91°47'24"		1,500	54,6730	54,6460		
Irradiado	4980	CRP	306°18'45"		90°04'20"		1,500	20,2750	20,2750		
Irradiado	4981	CRI	308°28'40"		90°26'46"		1,500	38,0400	38,0380		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
F2	E	1,547				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	4982	PE	310°58'44"		92°35'57"		1,500	37,7740	37,7350		
Irradiado	4983	CRI	310°01'37"		91°27'44"		1,500	53,7060	53,6880		
Irradiado	4984	PE	311°10'56"		93°11'38"		1,500	53,8510	53,7670		
Irradiado	4985	CRI	309°51'25"		92°18'45"		1,500	69,8390	69,7820		
Irradiado	4986	PE	311°06'52"		93°31'23"		1,500	70,1270	69,9950		
Irradiado	4987	CERV	309°49'00"		92°20'04"		1,500	71,6810	71,6220		
Irradiado	4988	PC	302°31'05"		88°29'45"		1,500	28,8130	28,8040		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
F1	E	1,560				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL55		359°59'58"	179°59'56"	92°26'26"	267°33'41"	1,500	175,3930	175,2340		
Irradiado	4989	CRP	176°36'31"		87°43'55"		1,500	16,2680	16,2560		
Irradiado	4990	CRI	99°09'13"		90°16'41"		1,500	18,3240	18,3240		
Irradiado	4991	PE	100°11'02"		93°04'00"		1,500	17,0900	17,0660		
Irradiado	4992	PE	73°07'14"		94°13'42"		1,500	34,7300	34,6350		
Irradiado	4993	CRI	74°56'29"		92°50'47"		1,500	35,1260	35,0820		
Irradiado	4994	CRI	69°30'26"		94°34'32"		1,500	50,3310	50,1700		
Irradiado	4995	PE	70°39'42"		95°14'04"		1,500	50,6380	50,4270		
Irradiado	4996	CRI	60°52'12"		94°05'00"		1,500	69,6500	69,4730		
Irradiado	4997	PE	62°31'32"		93°33'09"		4,000	69,7590	69,6250		
Irradiado	4998	CRI	59°54'25"		93°33'13"		1,500	86,4210	86,2550		
Irradiado	4999	PE	61°17'19"		93°20'29"		4,000	86,6220	86,4750		
Irradiado	5000	CRI	59°30'00"		92°52'32"		1,500	104,0200	103,8890		
Irradiado	5001	PE	60°28'50"		93°09'41"		3,000	103,9290	103,7710		
Irradiado	5002	CERD	59°06'08"		92°48'09"		1,500	104,3520	104,2280		
Irradiado	5003	CERV	59°53'25"		93°17'40"		1,500	94,7000	94,5440		
Irradiado	5004	CER	58°13'28"		92°07'16"		1,500	125,3180	125,2320		
Irradiado	5005	CRI	58°23'30"		92°06'00"		1,500	128,0080	127,9220		
Irradiado	5006	PE	59°18'33"		92°06'05"		4,000	127,6260	127,5400		
Irradiado	5007	CRI	57°50'47"		91°14'51"		1,500	149,9980	149,9630		
Irradiado	5008	PE	58°30'27"		91°16'09"		3,000	149,7670	149,7300		
Irradiado	5009	CER	57°26'36"		90°48'48"		1,500	160,0210	160,0050		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL55	E	1,630				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL56		0°00'01"	180°00'02"	90°44'52"	269°15'13"	1,500	80,0630	80,0560		
Irradiado	5010	CA	100°16'21"		89°32'26"		6,000	128,2950	128,2910		
Irradiado	5011	CA	100°26'46"		89°35'16"		6,000	121,5720	121,5690		
Irradiado	5012	CA	100°41'57"		89°21'31"		6,000	117,0500	117,0420		
Irradiado	5013	CA	100°45'55"		89°15'12"		6,000	109,7560	109,7460		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22	E	1,570				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL16		0°00'02"	180°00'09"	90°21'09"	269°38'43"	1,500	63,3510	63,3500		
Irradiado	5014	MF	118°41'09"		89°52'43"		1,500	10,3860	10,3860		
Irradiado	5015	MF	103°08'57"		88°19'20"		1,500	27,5840	27,5730		
Irradiado	5016	MF	88°07'49"		88°10'22"		1,500	27,2060	27,1930		
Irradiado	5017	EXP	95°05'02"		88°13'43"		1,500	27,7650	27,7520		
Irradiado	5018	EXP	94°47'20"		87°54'58"		1,500	48,8550	48,8220		
Irradiado	5019	MF	99°08'45"		87°56'04"		1,500	49,1550	49,1230		
Irradiado	5020	MF	90°42'52"		87°53'46"		1,500	48,4500	48,4170		
Irradiado	5021	MF	91°01'41"		87°48'06"		1,500	53,6880	53,6480		
Irradiado	5022	MF	90°18'25"		87°46'04"		1,500	68,4110	68,3590		
Irradiado	5023	MF	94°04'39"		87°56'19"		1,500	76,7240	76,6740		
Irradiado	5024	MF	97°53'39"		87°56'34"		1,500	74,7470	74,6990		
Irradiado	5025	EXP	95°39'18"		87°58'21"		1,500	74,8020	74,7550		
Irradiado	5026	MF	97°14'32"		87°57'51"		1,500	94,0420	93,9830		
Irradiado	5027	MF	94°14'26"		87°51'14"		1,500	93,8720	93,8070		
Irradiado	5028	ED	98°26'11"		87°43'50"		1,500	82,2980	82,2340		
Irradiado	5029	CA	99°02'23"		87°42'00"		1,500	74,1380	74,0780		
Irradiado	5030	CA	100°05'42"		87°53'15"		1,500	67,2250	67,1790		
Irradiado	5031	MED	100°38'19"		87°47'33"		1,500	55,5880	55,5470		
Irradiado	5032	ARB	98°08'25"		87°53'44"		1,500	71,4170	71,3690		
Irradiado	5033	PC	98°46'33"		87°38'05"		1,500	53,8910	53,8450		
Irradiado	5034	MED	105°38'32"		87°55'34"		1,500	27,7620	27,7440		
Irradiado	5035	ED	113°30'09"		87°22'37"		1,500	16,7950	16,7780		
Irradiado	5036	CANT1	69°15'24"		89°27'27"		1,500	11,3670	11,3670		
Irradiado	5037	CANT1	55°29'39"		88°46'32"		1,500	29,4770	29,4710		
Irradiado	5038	CANT1	47°41'35"		88°58'00"		1,500	30,0620	30,0580		
Irradiado	5039	CANT1	42°04'17"		89°51'35"		1,000	31,9750	31,9750		
Irradiado	5040	CANT1	24°50'27"		89°59'04"		1,500	27,1370	27,1370		
Irradiado	5041	CANT2	22°03'19"		89°58'57"		1,500	29,5850	29,5850		
Irradiado	5042	CANT2	12°57'11"		90°05'17"		1,500	51,4910	51,4910		
Irradiado	5043	CANT2	35°25'04"		90°18'13"		0,500	43,4700	43,4690		
Irradiado	5044	CANT2	35°31'31"		89°14'51"		1,500	39,2130	39,2090		
Irradiado	5045	CANT2	38°25'41"		89°10'56"		1,500	34,6750	34,6710		
Irradiado	5046	CANT3	35°41'49"		89°10'55"		1,500	46,2380	46,2330		
Irradiado	5047	CANT3	37°07'38"		89°10'56"		1,500	49,9770	49,9720		
Irradiado	5048	CANT3	40°25'38"		89°42'03"		1,000	54,8860	54,8850		
Irradiado	5049	CANT3	34°16'31"		89°28'53"		1,500	61,5040	61,5010		
Irradiado	5050	CANT3	14°44'51"		90°05'57"		1,500	54,2060	54,2060		
Irradiado	5051	CANT4	36°28'34"		89°20'09"		1,500	63,0280	63,0240		
Irradiado	5052	CANT4	42°42'32"		89°28'43"		1,000	56,9860	56,9830		
Irradiado	5053	CANT4	47°43'58"		89°14'13"		1,000	60,2820	60,2770		
Irradiado	5054	CANT4	50°45'45"		89°14'55"		1,000	61,2770	61,2720		
Irradiado	5055	CANT4	49°52'09"		89°21'12"		1,000	76,3320	76,3270		
Irradiado	5056	CANT4	52°34'29"		89°14'49"		0,400	76,7700	76,7640		
Irradiado	5057	CANT4	64°38'39"		88°10'41"		1,500	66,2820	66,2480		
Irradiado	5058	CANT4	62°31'14"		88°19'50"		1,500	61,3550	61,3290		
Irradiado	5059	CANT4	58°29'12"		88°25'36"		1,500	62,2690	62,2450		
Irradiado	5060	CANT4	53°29'30"		88°32'03"		1,500	62,3050	62,2850		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22	E	1,570				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	5061	CANT4	53°53'51"		88°32'02"		1,500	59,2860	59,2660		
Irrradiado	5062	CANT4	54°16'24"		88°32'01"		1,500	56,0140	55,9960		
Irrradiado	5063	CANT4	61°39'11"		88°21'06"		1,500	54,8910	54,8680		
Auxiliar	D22.1	A	56°34'43"	236°34'40"	88°16'23"	271°43'32"	1,500	45,4240	45,4030		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22.1	E	1,685				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D22		0°00'00"	180°00'08"	92°05'18"	267°55'03"	1,500	45,4450	45,4140		
Irrradiado	5064	CANT	261°35'46"		90°02'40"		1,500	10,0270	10,0270		
Irrradiado	5065	CANT	261°49'11"		89°26'36"		1,500	13,5440	13,5440		
Irrradiado	5066	CANT	240°21'43"		89°19'31"		1,500	13,6400	13,6390		
Irrradiado	5067	CANT	202°09'56"		89°28'52"		1,500	13,9350	13,9350		
Irrradiado	5068	CANT	273°33'44"		89°58'19"		1,500	13,3600	13,3600		
Irrradiado	5069	CANT	305°36'41"		91°11'11"		1,500	13,5660	13,5630		
Irrradiado	5070	CANT	326°16'34"		91°59'30"		1,500	13,8180	13,8100		
Irrradiado	5071	CANT	351°54'54"		93°00'35"		1,500	13,3180	13,3000		
Irrradiado	5072	CANT	352°28'11"		93°41'59"		1,500	9,9480	9,9270		
Irrradiado	5073	CANT	307°58'50"		91°46'39"		1,500	9,8980	9,8930		
Irrradiado	5074	CANT	277°44'12"		90°38'54"		1,500	9,9170	9,9170		
Irrradiado	5075	CANT	4°08'00"		93°42'11"		1,500	13,1940	13,1670		
Irrradiado	5076	CANT	31°31'27"		93°56'28"		1,500	13,5960	13,5640		
Irrradiado	5077	CANT	50°22'31"		93°48'36"		1,500	13,6240	13,5940		
Irrradiado	5078	CANT	70°49'15"		93°34'02"		1,500	13,7590	13,7330		
Irrradiado	5079	CANT	67°09'28"		94°11'47"		1,500	10,3830	10,3550		
Irrradiado	5080	CANT	38°44'34"		94°31'56"		1,500	10,3610	10,3290		
Irrradiado	5081	CANT	8°55'42"		94°05'54"		1,500	10,1110	10,0850		
Irrradiado	5082	CANT	82°28'52"		93°29'06"		1,500	13,8330	13,8080		
Irrradiado	5083	CANT	108°23'00"		92°45'11"		1,500	13,9480	13,9320		
Irrradiado	5084	CANT	135°32'18"		91°34'18"		1,500	14,1070	14,1020		
Irrradiado	5085	CANT	156°16'41"		91°00'10"		1,500	13,9430	13,9410		
Irrradiado	5086	CANT	152°09'39"		91°33'29"		1,500	10,7870	10,7830		
Irrradiado	5087	CANT	118°30'39"		92°57'02"		1,500	10,7840	10,7700		
Irrradiado	5088	CANT	82°18'53"		93°42'11"		1,500	10,5740	10,5520		
Irrradiado	5089	CANT	166°57'43"		90°40'35"		1,500	7,9700	7,9700		
Irrradiado	5090	CANT	166°53'09"		90°40'49"		1,500	7,7300	7,7300		
Irrradiado	5091	CANT	190°57'32"		90°54'40"		1,500	7,8230	7,8220		
Irrradiado	5092	CANT	228°54'41"		90°58'19"		1,500	7,4690	7,4680		
Irrradiado	5093	CANT	261°43'08"		89°32'13"		1,500	7,1600	7,1600		
Irrradiado	5094	CANT	261°41'11"		89°36'53"		1,500	6,9880	6,9880		
Irrradiado	5095	CANT	214°52'13"		89°36'51"		1,500	7,3580	7,3580		
Irrradiado	5096	CANT	284°23'02"		90°42'52"		1,500	7,0650	7,0650		
Irrradiado	5097	CANT	284°38'45"		90°42'49"		1,500	6,8700	6,8700		
Irrradiado	5098	CANT	309°06'35"		92°35'00"		1,500	7,0550	7,0480		
Irrradiado	5099	CANT	330°35'53"		93°27'14"		1,500	7,0970	7,0840		
Irrradiado	5100	CANT	353°20'20"		92°38'43"		1,500	7,1560	7,1490		
Irrradiado	5101	CANT	353°34'04"		92°38'47"		1,500	6,9360	6,9290		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22.1	E	1,685				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	5102	CANT	320°28'00"		91°54'27"		1,500	6,7760	6,7720		
Irrradiado	5103	CANT	16°32'43"		93°01'57"		1,500	7,3390	7,3290		
Irrradiado	5104	CANT	16°56'16"		93°02'06"		1,500	7,0680	7,0580		
Irrradiado	5105	CANT	40°06'57"		95°07'28"		1,500	7,5770	7,5470		
Irrradiado	5106	CANT	61°21'00"		93°02'51"		1,500	7,6030	7,5920		
Irrradiado	5107	CANT	61°06'59"		93°05'39"		1,500	7,3950	7,3840		
Irrradiado	5108	CANT	40°28'28"		93°12'28"		1,500	7,3050	7,2940		
Irrradiado	5109	CANT	82°18'02"		93°07'04"		1,500	7,8010	7,7900		
Irrradiado	5110	CANT	82°20'37"		93°07'17"		1,500	7,6350	7,6240		
Irrradiado	5111	CANT	100°36'06"		94°07'42"		1,500	8,0190	7,9980		
Irrradiado	5112	CANT	119°18'00"		93°56'32"		1,500	8,1130	8,0940		
Irrradiado	5113	CANT	145°08'31"		91°05'45"		1,500	8,0180	8,0170		
Irrradiado	5114	CANT	145°16'48"		91°06'04"		1,500	7,8020	7,8010		
Irrradiado	5115	CANT	110°42'35"		92°30'02"		1,500	7,7610	7,7540		
Irrradiado	5116	CANT	271°38'45"		89°34'23"		1,500	16,3030	16,3030		
Irrradiado	5117	CANT	295°28'24"		90°21'41"		1,500	16,2200	16,2200		
Irrradiado	5118	CANT	320°35'58"		91°31'04"		1,500	16,5870	16,5810		
Irrradiado	5119	CANT	351°24'15"		92°55'41"		1,500	16,0960	16,0750		
Irrradiado	5120	CANT	351°26'13"		92°17'48"		1,500	34,1490	34,1210		
Irrradiado	5121	CANT	320°00'39"		90°44'29"		1,500	16,7990	16,7980		
Irrradiado	5122	CANT	316°42'02"		90°37'51"		1,500	24,9580	24,9570		
Irrradiado	5123	CANT	267°13'12"		88°41'27"		1,500	32,2840	32,2760		
Irrradiado	5124	CANT	261°55'49"		88°36'38"		1,500	30,6910	30,6820		
Irrradiado	5125	CANT	261°37'17"		89°23'20"		1,500	16,4720	16,4710		
Irrradiado	5126	CANT	247°24'15"		89°03'35"		1,500	16,5790	16,5770		
Irrradiado	5127	CANT	228°29'27"		88°53'40"		1,500	16,7010	16,6980		
Irrradiado	5128	ARV	241°02'13"		88°20'00"		1,500	21,6480	21,6390		
Irrradiado	5129	ARV	273°46'43"		89°15'21"		1,500	17,2700	17,2690		
Irrradiado	5130	ARV	253°34'19"		88°40'36"		1,500	21,5030	21,4980		
Irrradiado	5131	ARV	286°30'24"		89°39'58"		1,500	21,0500	21,0500		
Irrradiado	5132	ARV	258°25'07"		88°26'08"		1,500	25,9360	25,9270		
Irrradiado	5133	ARV	272°19'56"		88°57'16"		1,500	27,3310	27,3270		
Irrradiado	5134	ARV	278°49'20"		89°10'14"		1,500	27,0430	27,0410		
Irrradiado	5135	ARV	300°03'28"		89°34'37"		1,500	18,4530	18,4530		
Irrradiado	5136	ARV	6°50'36"		93°13'30"		1,500	18,1440	18,1160		
Irrradiado	5137	ARV	5°17'37"		92°35'03"		1,500	23,9710	23,9470		
Irrradiado	5138	ARV	12°10'49"		92°56'40"		1,500	21,4310	21,4030		
Irrradiado	5139	ARV	2°47'06"		92°13'39"		1,500	27,3070	27,2870		
Irrradiado	5140	ARV	16°26'59"		92°36'03"		1,500	24,2600	24,2350		
Irrradiado	5141	ARV	10°54'13"		92°17'19"		1,500	24,9110	24,8910		
Irrradiado	5142	ARV	49°46'25"		93°36'23"		1,500	18,6810	18,6440		
Irrradiado	5143	ARV	39°52'38"		91°18'24"		1,500	11,4300	11,4270		
Irrradiado	5144	ARV	47°22'53"		93°11'40"		1,500	22,0860	22,0520		
Irrradiado	5145	ARV	53°19'18"		93°02'15"		1,500	25,1740	25,1390		
Irrradiado	5146	ARV	67°42'11"		92°34'16"		1,500	21,4070	21,3860		
Irrradiado	5147	ARV	55°29'05"		92°47'47"		1,500	26,5250	26,4940		
Irrradiado	5148	ARV	60°15'01"		93°02'20"		1,500	22,3490	22,3180		
Irrradiado	5149	ARV	73°30'31"		92°21'16"		1,500	31,3200	31,2940		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22.1	E	1,685				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	5150	ARV	90°12'28"		92°05'48"		1,500	23,6050	23,5900		
Irradiado	5151	ARV	89°00'38"		93°34'12"		1,000	27,7790	27,7260		
Irradiado	5152	ARV	98°52'00"		92°16'09"		1,500	22,9390	22,9210		
Irradiado	5153	ARV	144°03'21"		90°06'19"		1,500	21,7400	21,7400		
Irradiado	5154	ARV	133°59'42"		91°05'33"		1,500	20,7850	20,7820		
Irradiado	5155	ARV	155°31'52"		89°44'40"		1,500	23,0290	23,0290		
Irradiado	5156	CA	170°21'10"		89°24'01"		1,500	26,1360	26,1350		
Irradiado	5157	CA	178°50'38"		89°05'28"		1,500	18,1580	18,1560		
Irradiado	5158	CA	192°50'35"		88°48'12"		1,500	21,3390	21,3350		
Irradiado	5159	CA	186°38'39"		88°56'53"		1,500	24,4240	24,4200		
Irradiado	5160	CA	181°59'20"		89°02'22"		1,500	23,2630	23,2600		
Irradiado	5161	CA	325°13'15"		91°02'22"		1,500	24,5540	24,5500		
Irradiado	5162	CA	331°28'59"		91°23'53"		1,500	17,7130	17,7080		
Irradiado	5163	CA	351°19'30"		92°34'16"		1,500	22,1820	22,1600		
Irradiado	5164	CA	351°13'23"		89°14'54"		2,500	27,0230	27,0210		
Irradiado	5165	CA	346°39'10"		86°12'14"		4,600	30,1810	30,1150		
Irradiado	5166	LUM	350°05'56"		92°07'43"		1,500	16,6090	16,5980		
Irradiado	5167	LUM	267°50'37"		88°29'48"		1,500	31,4930	31,4830		
Irradiado	5168	LUM	350°54'13"		89°18'18"		3,000	33,6870	33,6840		
Irradiado	5169	LUM	169°15'27"		89°17'47"		1,500	17,0640	17,0630		
Irradiado	5170	LUM	169°45'02"		88°58'47"		1,500	30,9180	30,9140		
Irradiado	5171	LUM	44°56'42"		92°56'36"		1,500	23,6250	23,5940		
Irradiado	5172	LUM	77°03'22"		92°10'29"		1,500	36,1450	36,1190		
Irradiado	5173	LUM	130°11'55"		104°19'37"		1,500	0,3510	0,3400		
Irradiado	5174	ESC	259°57'16"		88°31'54"		1,500	37,0180	37,0050		
Irradiado	5175	ESC	259°38'32"		88°21'19"		1,500	37,2100	37,1940		
Irradiado	5176	ESC	259°41'54"		88°17'01"		1,500	37,3970	37,3800		
Irradiado	5177	ESC	259°30'30"		88°05'15"		1,500	37,4090	37,3880		
Irradiado	5178	ESC	258°06'41"		89°55'11"		0,100	37,5770	37,5770		
Irradiado	5179	ESC	241°46'24"		83°28'44"		1,500	45,9620	45,6640		
Irradiado	5180	ESC	212°00'52"		88°15'44"		1,500	27,0460	27,0340		
Irradiado	5181	ESC	212°03'10"		87°45'17"		1,500	27,2790	27,2590		
Irradiado	5182	ESC	212°09'52"		87°32'38"		1,500	27,7120	27,6870		
Irradiado	5183	ESC	212°09'37"		87°12'28"		1,500	28,3180	28,2850		
Irradiado	5184	ESC	212°52'55"		85°09'14"		1,500	32,8390	32,7210		
Irradiado	5185	ESC	212°55'19"		84°53'59"		1,500	34,2740	34,1380		
Irradiado	5186	ESC	213°00'20"		84°32'03"		1,500	34,8550	34,6960		
Irradiado	5187	ESC	213°22'42"		82°54'58"		1,500	40,0260	39,7200		
Irradiado	5188	ESC	215°15'25"		82°51'04"		1,500	40,5680	40,2520		
Irradiado	5189	ESC	215°09'02"		82°45'57"		1,500	41,1500	40,8220		
Irradiado	5190	ESC	213°28'09"		83°32'20"		1,500	41,1000	40,8390		
Irradiado	5191	ESC	212°56'57"		85°06'22"		1,500	34,9690	34,8410		
Irradiado	5192	ESC	212°47'05"		85°37'31"		1,500	34,2800	34,1800		
Irradiado	5193	ESC	212°44'39"		85°50'16"		1,500	32,8430	32,7560		
Irradiado	5194	ESC	212°42'03"		86°04'55"		1,500	32,2680	32,1930		
Irradiado	5195	ESC	212°03'33"		87°20'37"		1,500	28,2810	28,2510		
Irradiado	5196	ESC	212°06'21"		87°30'44"		1,500	27,7710	27,7450		
Irradiado	5197	ESC	212°02'39"		87°46'34"		1,500	27,3570	27,3370		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22.1	E	1,685				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	5198	ESC	192°44'55"		88°03'39"		1,500	29,8230	29,8060		
Irradiado	5199	ESC	196°33'04"		87°58'02"		1,500	29,0400	29,0220		
Irradiado	5200	ESC	193°29'42"		88°06'15"		1,500	29,7190	29,7030		
Irradiado	5201	ESC	189°33'53"		88°28'07"		1,500	31,4150	31,4040		
Irradiado	5202	ESC	186°57'25"		88°35'07"		1,500	33,4680	33,4570		
Irradiado	5203	ESC	185°23'36"		88°28'22"		1,500	35,8870	35,8740		
Irradiado	5204	ESC	184°52'49"		88°28'23"		1,500	38,2580	38,2440		
Irradiado	5205	ESC	185°14'25"		88°17'07"		1,500	41,1170	41,0980		
Irradiado	5206	ESC	187°28'25"		88°13'25"		1,500	44,1390	44,1170		
Irradiado	5207	ESC	188°00'51"		88°11'19"		1,500	44,8200	44,7970		
Irradiado	5208	ESC	188°39'47"		87°53'53"		1,500	44,6720	44,6420		
Irradiado	5209	ESC	186°38'33"		88°00'58"		1,500	42,6050	42,5790		
Irradiado	5210	ESC	185°38'44"		88°05'53"		1,500	38,4380	38,4160		
Irradiado	5211	ESC	186°42'38"		88°01'00"		1,500	35,5420	35,5200		
Irradiado	5212	ESC	188°07'02"		88°02'53"		1,500	33,4870	33,4670		
Irradiado	5213	ESC	191°04'15"		87°58'15"		1,500	31,2460	31,2270		
Irradiado	5214	ESC	195°28'58"		87°39'45"		1,500	29,7130	29,6890		
Irradiado	5215	ESC	195°44'06"		87°30'31"		1,500	30,2180	30,1900		
Irradiado	5216	ESC	191°45'16"		87°40'33"		1,500	31,6670	31,6410		
Irradiado	5217	ESC	188°55'12"		87°45'22"		1,500	33,7970	33,7710		
Irradiado	5218	ESC	187°19'07"		87°51'24"		1,500	36,1000	36,0740		
Irradiado	5219	ESC	186°47'59"		87°51'19"		1,500	37,5750	37,5480		
Irradiado	5220	ESC	186°41'41"		87°55'03"		1,500	39,6670	39,6400		
Irradiado	5221	ESC	187°25'54"		87°51'05"		1,500	42,4260	42,3960		
Irradiado	5222	ESC	202°00'04"		85°52'29"		1,500	33,6210	33,5330		
Irradiado	5223	ESC	197°14'39"		85°59'51"		1,500	35,3970	35,3100		
Irradiado	5224	ESC	194°24'21"		86°11'16"		1,500	37,8500	37,7660		
Irradiado	5225	ESC	193°37'38"		86°11'17"		1,500	40,7180	40,6280		
Irradiado	5226	ESC	194°39'06"		86°24'01"		1,500	43,3240	43,2380		
Irradiado	5227	ESC	196°40'19"		86°04'22"		1,500	42,9480	42,8470		
Irradiado	5228	ESC	195°46'23"		85°55'24"		1,500	40,6780	40,5750		
Irradiado	5229	ESC	196°23'05"		85°55'22"		1,500	38,2500	38,1530		
Irradiado	5230	ESC	198°44'42"		85°47'54"		1,500	36,5370	36,4380		
Irradiado	5231	ESC	202°31'39"		85°37'28"		1,500	35,1490	35,0460		
Irradiado	5232	ESC	203°07'14"		85°13'52"		1,500	35,7780	35,6540		
Irradiado	5233	ESC	200°23'44"		85°27'49"		1,500	36,5670	36,4520		
Irradiado	5234	ESC	198°00'14"		85°30'05"		1,500	38,0070	37,8890		
Irradiado	5235	ESC	198°45'13"		85°25'19"		1,500	38,4080	38,2850		
Irradiado	5236	ESC	202°55'44"		85°08'28"		1,500	36,6460	36,5140		
Irradiado	5237	ESC	197°56'59"		85°48'03"		1,500	39,2560	39,1500		
Irradiado	5238	ESC	197°44'40"		85°52'26"		1,500	42,5470	42,4360		
Irradiado	5239	ESC	205°20'27"		84°06'12"		1,500	40,6700	40,4540		
Irradiado	5240	ESC	204°09'58"		84°10'27"		1,500	41,2840	41,0700		
Irradiado	5241	ESC	203°33'43"		84°20'39"		1,500	42,5790	42,3710		
Irradiado	5242	ESC	205°08'51"		83°52'37"		1,500	41,3060	41,0700		
Irradiado	5243	ESC	204°35'26"		83°52'47"		1,500	41,4970	41,2600		
Irradiado	5244	ESC	204°23'44"		83°59'16"		1,500	41,9290	41,6980		
Irradiado	5245	ESC	204°21'34"		83°46'58"		1,500	41,9090	41,6620		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D22.1	E	1,685				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	5246	IGRE	238°47'22"		83°50'37"		1,500	50,1720	49,8820		
Irradiado	5247	IGRE	234°43'14"		83°04'01"		1,500	45,1170	44,7870		
Irradiado	5248	IGRE	228°54'25"		82°59'43"		1,500	43,7420	43,4150		
Irradiado	5249	IGRE	227°45'39"		84°31'55"		0,500	46,9820	46,7680		
Irradiado	5250	IGRE	217°32'32"		83°19'54"		1,500	46,0280	45,7160		
Irradiado	5251	IGRE	217°17'51"		83°34'27"		1,500	48,7760	48,4690		
Irradiado	5252	IGRE	215°16'32"		83°46'03"		1,500	48,7890	48,5000		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D24	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL16		0°00'00"	180°00'00"	92°29'09"	267°30'32"	1,500	89,9340	89,8500		
Irradiado	5253	ESC	268°39'51"		87°44'10"		1,500	7,1520	7,1470		
Irradiado	5254	ESC	272°27'21"		87°24'34"		1,500	7,7780	7,7700		
Irradiado	5255	ESC	271°57'33"		86°34'01"		1,500	8,3680	8,3530		
Irradiado	5256	ESC	270°52'03"		85°49'29"		1,500	8,9080	8,8850		
Irradiado	5257	ESC	270°52'03"		85°22'22"		1,500	9,5870	9,5560		
Irradiado	5258	ESC	270°25'29"		84°50'02"		1,500	10,2460	10,2050		
Irradiado	5259	ESC	270°23'11"		84°17'50"		1,500	10,7860	10,7330		
Irradiado	5260	ESC	269°36'42"		84°03'56"		1,500	12,2700	12,2040		
Irradiado	5261	ESC	253°42'03"		87°39'48"		1,500	7,2770	7,2710		
Irradiado	5262	ESC	269°55'42"		83°36'50"		1,500	12,6130	12,5350		
Irradiado	5263	ESC	252°24'26"		86°16'43"		1,500	7,9430	7,9260		
Irradiado	5264	ESC	268°09'49"		83°41'50"		1,500	12,8850	12,8070		
Irradiado	5265	ESC	265°16'50"		83°21'15"		1,500	13,4140	13,3240		
Irradiado	5266	ESC	256°29'27"		84°46'09"		1,500	12,6640	12,6120		
Irradiado	5267	ESC	263°27'59"		84°31'52"		1,500	13,6820	13,6200		
Irradiado	5268	ESC	257°47'30"		84°40'18"		1,500	12,8520	12,7970		
Irradiado	5269	ESC	202°01'15"		88°38'19"		1,500	11,0720	11,0690		
Irradiado	5270	ESC	203°47'03"		88°21'10"		1,500	11,8830	11,8780		
Irradiado	5271	ESC	209°49'12"		85°18'09"		1,500	17,3380	17,2800		
Irradiado	5272	ESC	210°21'31"		85°00'38"		1,500	18,3590	18,2900		
Irradiado	5273	ESC	216°09'55"		84°41'54"		1,500	18,3440	18,2660		
Irradiado	5274	ESC	214°35'47"		84°57'41"		1,500	19,3620	19,2880		
Irradiado	5275	ESC	216°18'26"		85°08'51"		1,500	20,1990	20,1270		
Irradiado	5276	ESC	217°41'47"		84°25'18"		1,500	18,6090	18,5210		
Irradiado	5277	ESC	216°37'56"		84°31'50"		1,500	19,3200	19,2320		
Irradiado	5278	ESC	217°39'11"		84°37'26"		1,500	19,8600	19,7730		
Irradiado	5279	ESC	239°22'14"		81°08'08"		1,500	19,5420	19,3090		
Irradiado	5280	ESC	237°07'38"		81°30'11"		1,500	20,2400	20,0180		
Irradiado	5281	ESC	237°23'42"		81°41'56"		1,500	20,9750	20,7560		
Irradiado	5282	ESC	241°12'30"		82°52'07"		1,500	24,8440	24,6520		
Irradiado	5283	ESC	239°54'32"		83°14'15"		1,500	25,1250	24,9510		
Irradiado	5284	ESC	230°47'34"		86°05'30"		1,500	27,3000	27,2370		
Irradiado	5285	ESC	231°45'20"		85°44'46"		1,500	26,9690	26,8950		
Irradiado	5286	ESC	228°17'03"		86°45'37"		1,500	28,2810	28,2360		
Irradiado	5287	ESC	244°23'03"		82°35'33"		1,500	26,1960	25,9780		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D24	E	1,650				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	5288	ESC	241°20'57"		83°04'14"		1,500	26,7670	26,5720		
Irradiado	5289	ESC	230°12'03"		85°52'21"		2,000	29,6160	29,5400		
Irradiado	5290	ESC	230°39'28"		86°05'20"		1,500	29,4350	29,3670		
Irradiado	5291	ESC	232°31'48"		85°42'12"		1,500	28,8510	28,7700		
Irradiado	5292	IGRE	260°37'54"		82°11'09"		1,500	25,9350	25,6950		
Irradiado	5293	IGRE	260°45'51"		82°36'31"		1,500	27,6110	27,3820		
Irradiado	5294	IGRE	255°29'51"		82°39'38"		1,500	27,8540	27,6260		
Auxiliar	D24.1	A	225°24'37"	45°24'47"	86°54'48"	273°05'19"	1,500	33,1410	33,0920		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D24.1	E	1,648				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D24		359°59'59"	180°00'09"	93°35'26"	266°24'10"	1,500	33,1580	33,0920		
Irradiado	5295	ESC	227°46'52"		93°02'31"		1,500	23,2390	23,2070		
Irradiado	5296	ESC	228°33'22"		92°11'02"		1,500	23,1480	23,1320		
Irradiado	5297	ESC	231°22'46"		91°52'12"		1,500	23,1930	23,1810		
Irradiado	5298	ESC	233°00'04"		91°28'54"		1,500	23,1320	23,1250		
Irradiado	5299	ESC	244°44'26"		88°21'15"		1,500	23,0000	22,9910		
Irradiado	5300	ESC	248°21'12"		87°42'10"		1,500	23,1490	23,1310		
Irradiado	5301	IGRE	277°32'40"		84°51'17"		1,500	19,0870	19,0100		
Irradiado	5302	IGRE	271°41'38"		86°06'27"		1,000	16,2780	16,2410		
Irradiado	5303	IGRE	260°11'30"		87°34'04"		1,000	19,4350	19,4180		
Irradiado	5304	IGRE	258°10'30"		86°29'23"		1,500	25,4970	25,4500		
Irradiado	5305	ARV	268°36'01"		86°43'57"		1,500	10,0890	10,0730		
Irradiado	5306	ARV	242°43'37"		91°10'18"		1,500	29,0460	29,0400		
Irradiado	5307	ARV	301°01'15"		84°32'07"		1,500	7,6720	7,6370		
Irradiado	5308	ARV	248°26'11"		90°37'04"		1,500	30,5980	30,5970		
Irradiado	5309	CANT	303°41'12"		85°48'51"		1,500	7,2240	7,2050		
Irradiado	5310	CANT	304°53'51"		84°49'14"		1,500	7,9810	7,9490		
Irradiado	5311	CANT	291°47'29"		86°18'14"		1,500	7,5200	7,5050		
Irradiado	5312	CANT	293°16'43"		85°33'58"		1,500	8,2010	8,1770		
Irradiado	5313	CANT	267°52'48"		88°03'07"		1,500	9,3560	9,3510		
Irradiado	5314	CANT	270°19'37"		86°59'24"		1,500	9,9500	9,9360		
Irradiado	5315	CANT	260°56'35"		88°24'05"		1,500	10,3750	10,3710		
Irradiado	5316	CANT	263°57'14"		87°27'29"		1,500	10,9700	10,9590		
Irradiado	5317	CANT	249°26'10"		89°22'04"		1,500	13,5600	13,5590		
Irradiado	5318	CANT	252°11'23"		88°44'31"		1,500	13,9980	13,9950		
Irradiado	5319	CANT	246°23'12"		89°38'20"		1,500	14,9040	14,9040		
Irradiado	5320	CANT	248°49'16"		89°04'05"		1,500	15,3140	15,3120		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1.1	E	1,597				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D26.1		0°00'01"	180°00'07"	89°00'32"	270°59'24"	1,500	148,5400	148,5180		
Auxiliar	D26.1.2	A	192°44'58"	12°44'59"	90°06'37"	269°52'42"	1,500	71,5520	71,5520		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1.2	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D26.1.1		0°00'02"	179°59'59"	90°02'26"	269°57'34"	1,500	71,5520	71,5520		
Irradiado	5321	BAT	199°25'47"		91°09'43"		1,500	3,8680	3,8670		
Irradiado	5322	BAT	248°38'17"		90°11'22"		1,500	6,6500	6,6500		
Irradiado	5323	EXT	234°37'39"		92°33'42"		1,500	5,1740	5,1690		
Irradiado	5324	EXT	206°03'13"		89°53'50"		1,500	26,5090	26,5090		
Irradiado	5325	BAT	201°23'24"		89°29'19"		1,500	26,7620	26,7610		
Irradiado	5326	BAT	210°10'24"		89°29'23"		1,500	26,8530	26,8520		
Irradiado	5327	BAT	207°39'18"		89°15'20"		1,500	46,5930	46,5890		
Irradiado	5328	BAT	202°30'29"		90°10'52"		1,500	46,4220	46,4210		
Irradiado	5329	EXT	205°10'29"		89°41'18"		1,500	46,3190	46,3180		
Irradiado	5330	EXT	203°46'50"		89°57'15"		1,500	66,0790	66,0790		
Irradiado	5331	BAT	202°08'37"		89°52'34"		1,500	66,4730	66,4730		
Irradiado	5332	BAT	205°30'49"		89°48'26"		1,500	65,9390	65,9390		
Irradiado	5333	BAT	206°36'54"		89°45'31"		1,500	85,8520	85,8510		
Irradiado	5334	BAT	203°48'54"		89°52'34"		1,500	86,4390	86,4390		
Irradiado	5335	EXT	205°24'16"		89°56'36"		1,500	86,1660	86,1660		
Irradiado	5336	EXT	206°26'52"		89°54'57"		1,500	108,4180	108,4170		
Irradiado	5337	BAT	205°10'15"		90°01'02"		1,500	109,1240	109,1240		
Irradiado	5338	BAT	207°22'55"		89°44'37"		1,500	108,4050	108,4030		
Irradiado	5339	BAT	205°19'52"		89°52'54"		1,500	130,6240	130,6240		
Irradiado	5340	BAT	207°23'44"		89°48'52"		1,500	130,7950	130,7940		
Irradiado	5341	EXT	206°30'14"		89°56'33"		1,500	130,6690	130,6690		
Irradiado	5342	EXT	206°29'34"		89°48'16"		1,500	152,5150	152,5140		
Irradiado	5343	BAT	205°25'21"		89°54'24"		1,500	152,2460	152,2460		
Irradiado	5344	BAT	207°21'53"		89°45'20"		1,500	152,1620	152,1610		
Irradiado	5345	BAT	205°40'40"		89°45'19"		1,500	172,5240	172,5230		
Irradiado	5346	BAT	207°22'06"		89°42'06"		1,500	173,0910	173,0890		
Irradiado	5347	EXT	206°32'28"		89°46'03"		1,500	172,9550	172,9540		
Irradiado	5348	EXT	206°42'27"		89°42'04"		1,500	193,0190	193,0160		
Irradiado	5349	BAT	206°07'56"		89°36'58"		1,500	193,0250	193,0200		
Irradiado	5350	BAT	207°21'12"		89°36'56"		1,500	192,8010	192,7960		
Irradiado	5351	BAT	206°04'44"		89°31'43"		1,500	215,9800	215,9730		
Irradiado	5352	BAT	207°17'40"		89°31'40"		1,500	216,2450	216,2380		
Irradiado	5353	EXT	206°45'06"		89°35'32"		1,500	216,1350	216,1300		
Irradiado	5354	EXT	206°36'10"		89°38'35"		1,500	236,4770	236,4730		
Irradiado	5355	BAT	206°03'50"		89°38'30"		1,500	236,5180	236,5140		
Irradiado	5356	BAT	207°02'09"		89°33'18"		1,500	236,6930	236,6860		
Irradiado	5357	CER	205°55'11"		89°26'37"		2,000	235,6250	235,6140		
Irradiado	5358	CER	207°28'36"		89°16'36"		2,000	235,5400	235,5220		
Irradiado	5359	CER	205°54'24"		89°23'13"		2,000	204,8200	204,8080		
Irradiado	5360	CERD	207°38'08"		89°09'27"		2,600	192,5310	192,5100		
Irradiado	5361	CERV	205°38'17"		89°47'03"		1,500	178,6330	178,6310		
Irradiado	5362	CERD	208°13'09"		89°15'58"		1,500	74,9060	74,9000		
Irradiado	5363	CER	220°18'50"		87°20'45"		1,500	29,9690	29,9370		
Irradiado	5364	PMA	210°37'03"		88°17'57"		1,500	47,1170	47,0960		
Irradiado	5365	CERV	242°02'03"		86°15'24"		1,500	17,1750	17,1390		
Irradiado	5366	CA	232°17'38"		84°54'02"		1,500	29,6080	29,4910		
Irradiado	5367	CA	247°24'15"		86°39'37"		0,100	22,4440	22,4060		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D26.1.2	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	5368	CA	248°04'31"		87°51'57"		1,000	17,0870	17,0750		
Irrradiado	5369	CA	275°55'10"		84°31'05"		1,500	13,6330	13,5710		
Irrradiado	5370	CRI	60°36'57"		96°32'04"		1,500	10,9600	10,8890		
Irrradiado	5371	PE	62°44'21"		97°39'04"		1,500	11,1880	11,0890		
Irrradiado	5372	RIO	63°46'59"		97°46'19"		1,500	11,8620	11,7530		
Irrradiado	5373	RIO	133°48'18"		96°23'59"		1,500	14,7420	14,6500		
Irrradiado	5374	PE	135°23'45"		96°07'14"		1,500	14,0560	13,9760		
Irrradiado	5375	CRI	135°19'32"		94°11'23"		1,500	12,7150	12,6810		
Irrradiado	5376	CRI	169°42'21"		93°32'38"		1,500	17,4900	17,4570		
Irrradiado	5377	PE	168°14'45"		95°04'48"		1,500	18,6090	18,5360		
Irrradiado	5378	RIO	167°29'17"		95°28'00"		1,500	19,2500	19,1630		
Irrradiado	5379	RIO	180°42'11"		93°18'26"		1,500	28,2990	28,2520		
Irrradiado	5380	PE	181°17'11"		92°48'46"		1,500	28,3010	28,2670		
Irrradiado	5381	CRI	182°37'37"		91°58'01"		1,500	28,4010	28,3850		
Irrradiado	5382	CRI	191°32'35"		92°05'09"		1,500	40,5200	40,4930		
Irrradiado	5383	PE	192°49'05"		92°08'27"		1,500	42,3820	42,3520		
Irrradiado	5384	RIO	192°17'00"		92°13'15"		1,500	43,1830	43,1500		
Irrradiado	5385	RIO	198°02'08"		91°07'32"		2,000	55,5580	55,5470		
Irrradiado	5386	PE	198°37'52"		90°59'15"		2,000	55,2010	55,1930		
Irrradiado	5387	CRI	199°20'38"		90°31'32"		2,000	55,2320	55,2300		
Irrradiado	5388	CRI	202°37'12"		89°57'56"		2,600	82,7470	82,7470		
Irrradiado	5389	PE	202°07'01"		90°16'13"		2,600	82,7780	82,7770		
Irrradiado	5390	RIO	201°27'17"		90°27'55"		2,600	82,8450	82,8420		
Irrradiado	5391	RIO	201°24'48"		90°16'24"		2,600	101,1370	101,1360		
Irrradiado	5392	PE	201°47'25"		90°11'56"		2,600	101,0890	101,0890		
Irrradiado	5393	CRI	202°10'23"		89°56'04"		2,600	101,2640	101,2640		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL52	E	1,607				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL51		359°59'59"	179°59'59"	87°16'51"	272°43'20"	1,500	186,7930	186,5820		
Irrradiado	5446	ALA	355°36'37"		93°05'01"		2,000	47,3290	47,2600		
Irrradiado	5447	ALA	357°26'48"		92°59'24"		2,000	47,8830	47,8180		
Irrradiado	5448	ALA	356°44'02"		93°05'15"		2,000	48,0700	48,0000		
Irrradiado	5449	ALA	357°05'35"		93°06'48"		2,000	48,8580	48,7860		
Irrradiado	5450	ALA	357°35'11"		92°52'54"		2,000	48,7960	48,7340		
Irrradiado	5451	ALA	356°58'49"		92°59'53"		2,000	50,1250	50,0560		
Irrradiado	5452	TBU.080	356°51'39"		93°27'04"		2,000	48,4000	48,3120		
Irrradiado	5453	TBU.080	14°07'12"		94°02'01"		2,000	44,7300	44,6190		
Irrradiado	5454	ALA	15°06'40"		93°32'36"		2,000	45,8360	45,7480		
Irrradiado	5455	ALA	14°12'17"		93°26'04"		2,000	45,0640	44,9830		
Irrradiado	5456	ALA	13°45'34"		93°14'49"		2,000	45,1220	45,0490		
Irrradiado	5457	ALA	14°08'39"		93°18'09"		2,000	44,2760	44,2020		
Irrradiado	5458	ALA	13°46'13"		93°11'36"		2,000	44,0360	43,9670		
Irrradiado	5459	ALA	15°06'32"		93°46'04"		2,000	43,2130	43,1190		
Irrradiado	5460	CRP	4°22'01"		89°51'58"		2,000	82,4310	82,4310		
Irrradiado	5461	CRI	5°41'25"		90°21'03"		2,000	69,6440	69,6430		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
BL52	E	1,607				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irrradiado	5462	PE	7°13'07"		90°56'51"		2,000	69,7980	69,7890		
Irrradiado	5463	PE	9°11'29"		91°37'42"		2,000	58,2560	58,2320		
Irrradiado	5464	CRI	7°24'16"		90°53'12"		2,000	58,0380	58,0310		
Irrradiado	5465	CRI	12°48'14"		91°43'38"		2,000	40,2740	40,2550		
Irrradiado	5466	PE	15°51'19"		93°12'31"		2,000	40,9310	40,8660		
Irrradiado	5467	PE	27°02'49"		94°20'00"		2,000	29,5030	29,4190		
Irrradiado	5468	CRI	22°44'38"		92°06'38"		2,000	28,7660	28,7470		
Irrradiado	5469	CRP	57°35'54"		93°48'59"		2,000	18,9170	18,8750		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13	E	1,515				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	BL41		359°59'59"	179°59'59"	87°18'57"	272°41'17"	1,500	98,4440	98,3360		
Auxiliar	D13.1	A	114°16'50"	294°16'31"	91°22'08"	268°37'51"	1,500	150,0060	149,9630		
Irrradiado	5470	BAT	115°31'13"		91°31'04"		1,500	144,2480	144,1970		
Irrradiado	5471	BAT	113°00'10"		91°25'46"		1,500	144,7520	144,7070		
Irrradiado	5472	EXT	114°45'10"		91°30'40"		1,500	144,0090	143,9590		
Irrradiado	5473	BAT	112°17'52"		91°18'45"		1,500	139,2640	139,2270		
Irrradiado	5474	BAT	115°29'37"		91°31'15"		1,500	136,5770	136,5290		
Irrradiado	5475	BAT	116°06'32"		91°27'31"		1,500	125,3630	125,3220		
Irrradiado	5476	BAT	113°22'49"		91°27'41"		1,500	123,7040	123,6640		
Irrradiado	5477	EXT	114°56'51"		91°29'12"		1,500	123,3590	123,3170		
Irrradiado	5478	EXT	118°00'49"		91°39'31"		1,500	102,9980	102,9550		
Irrradiado	5479	BAT	116°03'05"		91°36'08"		1,500	100,7070	100,6680		
Irrradiado	5480	BAT	120°32'02"		91°46'35"		1,500	102,2090	102,1600		
Irrradiado	5481	BAT	125°52'46"		92°04'19"		1,500	83,7870	83,7320		
Irrradiado	5482	BAT	120°45'52"		92°01'31"		1,500	78,8600	78,8110		
Irrradiado	5483	EXT	123°46'05"		92°07'35"		1,500	79,9080	79,8530		
Irrradiado	5484	BAT	131°36'32"		92°16'46"		1,500	67,5770	67,5230		
Irrradiado	5485	BAT	133°13'33"		92°23'16"		1,500	64,7700	64,7140		
Irrradiado	5486	BAT	128°24'41"		92°04'08"		1,500	60,7240	60,6840		
Irrradiado	5487	BAT	132°27'29"		91°43'31"		1,500	59,5590	59,5320		
Irrradiado	5488	PM	128°43'32"		92°05'01"		1,500	61,0720	61,0310		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13.1	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Ré	D13		0°00'00"	179°59'57"	88°40'49"	271°19'23"	1,500	150,0170	149,9770		
Irrradiado	5489	PM	352°47'41"		89°26'21"		1,500	45,2680	45,2650		
Irrradiado	5490	CER	347°53'45"		89°19'26"		1,500	22,2010	22,2000		
Irrradiado	5491	CERD	30°24'59"		88°36'22"		1,500	12,6500	12,6470		
Irrradiado	5492	CERD	323°48'59"		91°34'00"		1,500	7,4650	7,4620		
Irrradiado	5493	PM	40°42'16"		90°01'50"		1,500	4,2650	4,2650		
Irrradiado	5494	CER	224°34'55"		91°50'04"		1,500	9,6650	9,6600		
Irrradiado	5495	BAT	200°18'02"		93°01'55"		1,500	12,7940	12,7760		
Irrradiado	5496	BAT	217°50'17"		92°13'53"		1,500	13,3320	13,3220		

Estação	Descrição	HI	Norte	Este	Cota	Azimute
D13.1	E	1,592				

Tipo	Nome	Descrição	AHD	AHI	AVD	AVI	HS	DI	DH	EC	DHxC
Irradiado	5497	EXT	207°35'43"		92°22'27"		1,500	12,9460	12,9350		
Irradiado	5498	CER	210°52'09"		90°36'50"		2,000	36,4910	36,4880		
Irradiado	5499	BAT	208°22'02"		90°55'35"		2,000	48,5640	48,5570		
Irradiado	5500	BAT	203°11'39"		91°57'04"		1,000	48,6770	48,6490		
Irradiado	5501	EXT	205°19'40"		91°20'29"		1,500	48,5420	48,5280		
Irradiado	5502	CER	202°09'21"		86°32'16"		4,600	32,6590	32,5990		
Irradiado	5503	PM	201°32'00"		87°08'57"		3,500	33,4840	33,4420		
Irradiado	5504	BAT	207°38'07"		90°27'25"		2,500	65,0660	65,0640		
Irradiado	5505	BAT	203°32'31"		91°17'23"		1,500	65,4510	65,4340		
Irradiado	5506	EXT	205°42'14"		91°12'35"		1,500	65,8430	65,8280		
Irradiado	5507	CER	208°34'35"		88°09'34"		1,500	58,8740	58,8430		
Irradiado	5508	CER	207°30'44"		88°09'36"		1,500				