

**ANEXO IX – LISTA DE COORDENADAS
MACROZONEAMENTO RURAL**

ZRUC-pn-01				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
117	7086594,6794	697016,5283	-49°01'33,97605"	-26°19'37,26494"
118	7086577,9621	697258,9279	-49°01'25,22808"	-26°19'37,68759"
119	7086523,6312	697304,9003	-49°01'23,54075"	-26°19'39,42975"
120	7086452,5830	697434,4587	-49°01'18,83079"	-26°19'41,67342"
121	7086398,2521	697580,7343	-49°01'13,52734"	-26°19'43,36562"
122	7086289,5902	697522,2240	-49°01'15,57668"	-26°19'46,92480"
123	7086235,2593	697442,8173	-49°01'18,40942"	-26°19'48,72936"
124	7086155,8525	697242,2107	-49°01'25,59787"	-26°19'51,40880"
125	7086063,9078	696941,3009	-49°01'36,39568"	-26°19'54,54528"
126	7085951,0666	696882,7906	-49°01'38,44297"	-26°19'58,24016"
127	7085854,9427	696782,4873	-49°01'42,00627"	-26°20'01,41267"
128	7085687,7705	696619,4945	-49°01'47,79070"	-26°20'06,92437"
129	7085466,2674	696452,3224	-49°01'53,69611"	-26°20'14,20312"
130	7085361,7849	696377,0949	-49°01'56,35097"	-26°20'17,63467"
131	7085186,2541	696134,6953	-49°02'04,99425"	-26°20'23,45706"
132	7085035,7992	695992,5990	-49°02'10,03503"	-26°20'28,41511"
133	7084860,2685	695946,6267	-49°02'11,59631"	-26°20'34,14026"
134	7084375,4693	695967,5232	-49°02'10,57689"	-26°20'49,87949"
135	7083995,1527	696034,3920	-49°02'07,95701"	-26°21'02,20168"
136	7083853,0563	696076,1851	-49°02'06,37199"	-26°21'06,79725"
137	7083727,6772	696046,9299	-49°02'07,35806"	-26°21'10,88488"
138	7083681,7049	695963,3439	-49°02'10,34688"	-26°21'12,41971"
139	7083702,6014	695733,4822	-49°02'18,64702"	-26°21'11,85444"
140	7083702,6014	695591,3859	-49°02'23,77094"	-26°21'11,92459"
141	7083556,3258	695499,4412	-49°02'27,00632"	-26°21'16,72199"
142	7083276,3125	695386,6000	-49°02'30,92211"	-26°21'25,87439"
143	7082858,3821	695562,1307	-49°02'24,36337"	-26°21'39,36501"
144	7082452,9897	695541,2342	-49°02'24,89481"	-26°21'52,54521"
145	7082152,0799	695666,6133	-49°02'20,20825"	-26°22'02,25887"
146	7081888,7838	695591,3859	-49°02'22,77689"	-26°22'10,84966"
147	7081617,1290	695817,0683	-49°02'14,48864"	-26°22'19,56329"
148	7081362,1915	695871,3992	-49°02'12,38918"	-26°22'27,81848"
149	7081215,9159	696013,4955	-49°02'07,18395"	-26°22'32,50016"
150	7081195,0194	696310,2260	-49°01'56,47048"	-26°22'33,03200"
151	7081224,2745	696774,1287	-49°01'39,75540"	-26°22'31,85132"
152	7081253,5296	697141,9074	-49°01'26,50724"	-26°22'30,71797"
153	7081345,4743	697367,5898	-49°01'18,41869"	-26°22'27,61859"
154	7081374,7294	697509,6861	-49°01'13,31010"	-26°22'26,59734"
155	7081387,2673	697676,8583	-49°01'07,28791"	-26°22'26,10661"
156	7081429,0604	697898,3613	-49°00'59,32251"	-26°22'24,63826"
157	7081500,1085	698119,8644	-49°00'51,37342"	-26°22'22,21941"
158	7081537,7223	698232,7056	-49°00'47,32472"	-26°22'20,94100"
159	7081575,3360	698454,2087	-49°00'39,35718"	-26°22'19,60813"
160	7081575,3360	698558,6913	-49°00'35,58905"	-26°22'19,55575"
161	7081508,4671	698600,4843	-49°00'34,04457"	-26°22'21,70711"
162	7081299,5020	698638,0980	-49°00'32,57166"	-26°22'28,47670"
163	7080856,4958	698583,7671	-49°00'34,28443"	-26°22'42,89550"
164	7080689,3237	698537,7948	-49°00'35,84941"	-26°22'48,34933"
165	7080438,5655	698374,8019	-49°00'41,58858"	-26°22'56,57720"
166	7080354,9794	698228,5263	-49°00'46,81795"	-26°22'59,36588"
167	7080242,1382	698073,8921	-49°00'52,33262"	-26°23'03,10907"
168	7080191,9866	697952,6923	-49°00'56,67627"	-26°23'04,79894"
169	7080083,3247	697823,1339	-49°01'01,28897"	-26°23'08,39374"
170	7079899,4353	697701,9341	-49°01'05,55853"	-26°23'14,42817"
171	7079736,4425	697689,3962	-49°01'05,92035"	-26°23'19,72946"
172	7079585,9876	697777,1615	-49°01'02,67116"	-26°23'24,57331"
173	7079498,2222	697902,5406	-49°00'58,09994"	-26°23'27,36178"
174	7079435,5327	697969,4095	-49°00'55,65311"	-26°23'29,36487"
175	7079347,7673	697952,6923	-49°00'56,20736"	-26°23'32,22439"
176	7079335,2294	697927,6165	-49°00'57,10490"	-26°23'32,64425"

177	7079335,2294	697806,4167	-49°01'01,47671"	-26°23'32,70486"
178	7079251,6433	697706,1134	-49°01'05,04838"	-26°23'35,47039"
179	7079059,3954	697676,8583	-49°01'05,99699"	-26°23'41,73041"
180	7078875,5060	697685,2169	-49°01'05,59344"	-26°23'47,70010"
181	7078679,0788	697685,2169	-49°01'05,48443"	-26°23'54,08127"
182	7078465,9343	697676,8583	-49°01'05,66766"	-26°24'01,00969"
183	7078361,4517	697614,1687	-49°01'07,87113"	-26°24'04,43526"
184	7078265,3277	697555,6585	-49°01'09,92850"	-26°24'07,58720"
185	7078144,1279	697576,5550	-49°01'09,10743"	-26°24'11,51407"
186	7077935,1628	697635,0652	-49°01'06,88073"	-26°24'18,27331"
187	7077759,6320	697618,3480	-49°01'07,38638"	-26°24'23,98398"
188	7077742,9148	697501,3275	-49°01'11,59869"	-26°24'24,58553"
189	7077742,9148	697375,9484	-49°01'16,12183"	-26°24'24,64814"
190	7077809,7837	697246,3900	-49°01'20,83278"	-26°24'22,54048"
191	7077889,1904	697095,9351	-49°01'26,30448"	-26°24'20,03588"
192	7078006,2109	696987,2732	-49°01'30,28924"	-26°24'16,28847"
193	7078085,6177	696966,3767	-49°01'31,08700"	-26°24'13,71924"
194	7078361,4517	696962,1974	-49°01'31,39033"	-26°24'04,76050"
195	7078536,9824	696916,2250	-49°01'33,14579"	-26°23'59,08105"
196	7078691,6167	696807,5632	-49°01'37,15105"	-26°23'54,11163"
197	7078808,6372	696711,4392	-49°01'40,68317"	-26°23'50,35788"
198	7078925,6577	696707,2599	-49°01'40,89855"	-26°23'46,55839"
199	7079055,2161	696623,6738	-49°01'43,98522"	-26°23'42,39106"
200	7079063,5747	696531,7291	-49°01'47,30648"	-26°23'42,16521"
201	7079017,6023	696418,8879	-49°01'51,35156"	-26°23'43,71473"
202	7078850,4302	696272,6123	-49°01'56,53597"	-26°23'49,21817"
203	7078670,7201	696239,1779	-49°01'57,64304"	-26°23'55,07290"
204	7078344,7345	696280,9709	-49°01'55,95578"	-26°24'05,64227"
205	7077993,6730	696385,4535	-49°01'51,99305"	-26°24'16,99513"
206	7077776,3492	696510,8326	-49°01'47,35003"	-26°24'23,99290"
207	7077696,9425	696594,4187	-49°01'44,29075"	-26°24'26,53098"
208	7077525,5910	696648,7496	-49°01'42,23606"	-26°24'32,07054"
209	7077396,0326	696611,1359	-49°01'43,52147"	-26°24'36,29813"
210	7077396,0326	696469,0396	-49°01'48,64786"	-26°24'36,36877"
211	7077421,1084	696347,8398	-49°01'53,03421"	-26°24'35,61436"
212	7077563,2048	696234,9986	-49°01'57,18349"	-26°24'31,05419"
213	7077663,5080	696117,9781	-49°02'01,46044"	-26°24'27,85376"
214	7077642,6115	695996,7783	-49°02'05,82137"	-26°24'28,59272"
215	7077521,4117	695879,7578	-49°02'09,97636"	-26°24'32,58807"
216	7077308,2672	695879,7578	-49°02'09,85907"	-26°24'39,51238"
217	7077145,2744	695909,0129	-49°02'08,71392"	-26°24'44,79294"
218	7076969,7437	695900,6543	-49°02'08,91887"	-26°24'50,49945"
219	7076856,9025	695837,9648	-49°02'11,11850"	-26°24'54,19633"
220	7076660,4752	695837,9648	-49°02'11,01041"	-26°25'00,57755"
221	7076418,0756	695863,0406	-49°02'09,97227"	-26°25'08,43983"
222	7076263,4414	695837,9648	-49°02'10,79189"	-26°25'13,47577"
223	7076104,6279	695796,1717	-49°02'12,21240"	-26°25'18,65576"
224	7076012,6832	695842,1441	-49°02'10,50306"	-26°25'21,61993"
225	7075732,6699	696109,6195	-49°02'00,69794"	-26°25'30,58388"
226	7075515,3461	696460,6810	-49°01'47,91104"	-26°25'37,46950"
227	7075394,1463	696652,9289	-49°01'40,90731"	-26°25'41,31117"
228	7075235,3328	696932,9423	-49°01'30,71580"	-26°25'46,33091"
229	7075097,4158	697200,4177	-49°01'20,98806"	-26°25'50,67785"
230	7074930,2436	697355,0519	-49°01'15,31559"	-26°25'56,03138"
231	7074855,0162	697576,5550	-49°01'07,28117"	-26°25'58,36448"
232	7074842,4783	697793,8787	-49°00'59,43235"	-26°25'58,66300"
233	7074884,2713	698011,2025	-49°00'51,61378"	-26°25'57,19642"
234	7074992,9332	698220,1677	-49°00'44,13416"	-26°25'53,56161"
235	7075095,2845	698306,9322	-49°00'41,06050"	-26°25'50,19308"
307	7073405,7623	701296,2144	-48°58'52,24307"	-26°26'43,56552"
456	7073565,7735	700866,5906	-48°59'07,83730"	-26°26'38,58637"
499	7073708,6488	700374,4646	-48°59'25,67699"	-26°26'34,19512"

500	7073803,8990	699699,7757	-48°59'50,07754"	-26°26'31,44274"
2216	7073870,3082	699171,1647	-49°00'09,19032"	-26°26'29,55244"
2215	7073793,1450	698965,1879	-49°00'16,58002"	-26°26'32,16300"
2214	7073793,5744	698870,0618	-49°00'20,01301"	-26°26'32,19698"
2213	7073793,8079	698703,2181	-49°00'26,03393"	-26°26'32,27341"
2212	7073754,0720	698564,6269	-49°00'31,01299"	-26°26'33,63400"
2211	7073672,6482	698566,1740	-49°00'30,91167"	-26°26'36,27833"
2210	7073674,5878	698412,9883	-49°00'36,44073"	-26°26'36,29235"
2209	7073618,2508	698414,5116	-49°00'36,35431"	-26°26'38,12173"
2208	7073617,7050	698248,6400	-49°00'42,33981"	-26°26'38,22280"
2207	7073773,9398	697918,5627	-49°00'54,33835"	-26°26'33,31301"
2206	7073820,2580	697571,6660	-49°01'06,88246"	-26°26'31,98208"
2205	7073829,1163	697499,4515	-49°01'09,49337"	-26°26'31,73044"
2204	7074245,0963	697495,2717	-49°01'09,87535"	-26°26'18,21901"
2203	7074351,4620	697369,8250	-49°01'14,46121"	-26°26'14,82633"
2202	7074407,1471	697352,4808	-49°01'15,11800"	-26°26'13,02601"
2201	7074510,7276	697358,6745	-49°01'14,95200"	-26°26'09,65800"
2200	7074506,8033	697335,6402	-49°01'15,78101"	-26°26'09,79699"
2199	7074546,2013	697335,8312	-49°01'15,79598"	-26°26'08,51701"
2198	7074580,9986	697262,9270	-49°01'18,44602"	-26°26'07,42301"
2197	7074583,8776	697116,2617	-49°01'23,73997"	-26°26'07,40272"
2196	7074584,9158	696984,2489	-49°01'28,50418"	-26°26'07,43486"
2195	7074780,0071	696971,8892	-49°01'29,05826"	-26°26'01,10327"
2194	7074781,0645	696918,6229	-49°01'30,98092"	-26°26'01,09548"
2193	7074782,4580	696836,8590	-49°01'33,93207"	-26°26'01,09097"
2192	7074784,3988	696826,2012	-49°01'34,31772"	-26°26'01,03324"
2190	7074764,7160	696806,6070	-49°01'35,01386"	-26°26'01,68242"
2189	7074743,1478	696803,5569	-49°01'35,11199"	-26°26'02,38461"
2188	7074733,1450	696798,2936	-49°01'35,29637"	-26°26'02,71218"
2187	7074727,6612	696787,4139	-49°01'35,68592"	-26°26'02,89575"
2186	7074724,3078	696765,4045	-49°01'36,47826"	-26°26'03,01566"
2185	7074721,8548	696724,3980	-49°01'37,95659"	-26°26'03,11578"
2184	7074720,2951	696660,5490	-49°01'40,25968"	-26°26'03,19825"
2183	7074716,1899	696623,2920	-49°01'41,60180"	-26°26'03,35016"
2182	7074716,5449	696597,9280	-49°01'42,51724"	-26°26'03,35126"
2181	7074719,9449	696572,4980	-49°01'43,43675"	-26°26'03,25346"
2180	7074727,2791	696544,8450	-49°01'44,43865"	-26°26'03,02896"
2179	7074774,8840	696417,2140	-49°01'49,07043"	-26°26'01,54596"
2178	7074777,7833	696398,6260	-49°01'49,74277"	-26°26'01,46102"
2177	7074775,4394	696379,6448	-49°01'50,42639"	-26°26'01,54660"
2176	7074769,0165	696356,0015	-49°01'51,27600"	-26°26'01,76701"
2175	7074696,4800	696079,2056	-49°02'01,22399"	-26°26'04,26098"
2174	7074679,6940	696060,5214	-49°02'01,88894"	-26°26'04,81558"
2173	7074652,4565	696053,7643	-49°02'02,11775"	-26°26'05,70378"
2172	7074617,6595	696058,4527	-49°02'01,92938"	-26°26'06,83187"
2171	7074564,5100	696077,8970	-49°02'01,19842"	-26°26'08,54885"
2170	7074541,3660	696079,3290	-49°02'01,13399"	-26°26'09,30000"
2169	7074511,5480	696088,5740	-49°02'00,78393"	-26°26'10,26409"
2168	7074493,7130	696096,0900	-49°02'00,50288"	-26°26'10,83975"
2167	7074474,8530	696095,7730	-49°02'00,50391"	-26°26'11,45260"
2166	7074429,7460	696091,8550	-49°02'00,62041"	-26°26'12,91990"
2165	7074382,7420	696098,6550	-49°02'00,34910"	-26°26'14,44351"
2164	7074362,2120	696103,5248	-49°02'00,16205"	-26°26'15,10804"
2163	7074330,9626	696113,9947	-49°01'59,76700"	-26°26'16,11802"
2499	7074339,1062	696094,8042	-49°02'00,46399"	-26°26'15,86299"
2498	7074390,4119	695960,3535	-49°02'05,34401"	-26°26'14,26301"
2497	7074462,0090	695723,6080	-49°02'13,92650"	-26°26'12,05450"
2496	7074468,2527	695684,6156	-49°02'15,33700"	-26°26'11,87099"
2495	7074549,1664	695608,7262	-49°02'18,12001"	-26°26'09,28000"
2494	7074553,5780	695516,5850	-49°02'21,44736"	-26°26'09,18231"
2493	7074581,0210	695438,3310	-49°02'24,28626"	-26°26'08,32952"
2492	7074240,9230	695110,3683	-49°02'35,93416"	-26°26'19,54029"

2491	7074420,7610	694925,2360	-49°02'42,71348"	-26°26'13,78942"
2490	7074263,5261	694770,5566	-49°02'48,20903"	-26°26'18,97377"
2489	7074332,9093	694694,5251	-49°02'50,99072"	-26°26'16,75725"
2488	7074308,0880	694279,4820	-49°03'05,95440"	-26°26'17,76804"
2487	7074431,0040	693768,8520	-49°03'24,44810"	-26°26'14,02583"
2455	7074582,8480	693429,7420	-49°03'36,76783"	-26°26'09,25917"
2454	7074766,8000	693618,0450	-49°03'30,07300"	-26°26'03,19087"
2453	7074797,7640	693588,1730	-49°03'31,16779"	-26°26'02,19960"
2452	7074943,6360	693733,4550	-49°03'26,00478"	-26°25'57,38944"
2451	7075083,9150	693598,1570	-49°03'30,96332"	-26°25'52,89857"
2450	7075512,0660	694045,4790	-49°03'15,05575"	-26°25'38,76982"
2449	7075471,9628	694098,9776	-49°03'13,10348"	-26°25'40,04636"
2448	7075493,5701	694116,8370	-49°03'12,47086"	-26°25'39,33564"
2447	7075530,6797	694150,0858	-49°03'11,29140"	-26°25'38,11373"
2446	7075557,7019	694176,0869	-49°03'10,36796"	-26°25'37,22309"
2445	7075584,7240	694202,0879	-49°03'09,44453"	-26°25'36,33244"
2444	7075734,5590	694205,4860	-49°03'09,40373"	-26°25'31,46313"
2443	7076002,8160	694413,6990	-49°03'02,03758"	-26°25'22,64594"
2442	7076177,3050	694224,3050	-49°03'08,96643"	-26°25'17,07051"
2441	7076326,3570	694067,6900	-49°03'14,69855"	-26°25'12,30524"
2440	7076338,9820	694052,8870	-49°03'15,23954"	-26°25'11,90236"
2439	7076499,1540	693894,8620	-49°03'21,02844"	-26°25'06,77646"
2438	7076642,5450	694037,6250	-49°03'15,95574"	-26°25'02,04807"
2437	7076936,0266	693747,2935	-49°03'26,59058"	-26°24'52,65622"
2436	7076890,2300	693701,0000	-49°03'28,23588"	-26°24'54,16670"
2435	7076951,5560	693637,9360	-49°03'30,54453"	-26°24'52,20531"
2434	7077028,5040	693558,0510	-49°03'33,46854"	-26°24'49,74464"
2433	7077209,0670	693347,7660	-49°03'41,15344"	-26°24'43,98162"
2432	7077306,5150	693426,9580	-49°03'38,34929"	-26°24'40,77709"
2431	7077458,4420	693567,2910	-49°03'33,36898"	-26°24'35,77275"
2430	7077846,8750	693134,9920	-49°03'49,17598"	-26°24'23,36516"
2429	7078051,9809	692897,0979	-49°03'57,86949"	-26°24'16,81800"
2458	7078105,1820	692835,3920	-49°04'00,12440"	-26°24'15,11975"
2485	7078477,2230	693181,2420	-49°03'47,84940"	-26°24'02,86443"
2484	7078697,3108	693372,4582	-49°03'41,07082"	-26°23'55,62099"
2483	7078746,8635	693320,2107	-49°03'42,98250"	-26°23'54,03671"
2482	7078751,8676	693449,8956	-49°03'38,30697"	-26°23'53,81074"
2481	7079346,6660	693403,3256	-49°03'40,30984"	-26°23'34,51028"
2480	7079360,6425	693402,2313	-49°03'40,35690"	-26°23'34,05676"
2479	7079873,9807	693362,0392	-49°03'42,08527"	-26°23'17,39956"
2478	7079887,0884	693415,3636	-49°03'40,16893"	-26°23'16,94767"
2477	7079896,4470	693465,0440	-49°03'38,38201"	-26°23'16,61935"
2476	7079900,8696	693484,8497	-49°03'37,67000"	-26°23'16,46599"
2475	7079901,2269	693514,2693	-49°03'36,60901"	-26°23'16,44000"
2474	7079894,4437	693561,4941	-49°03'34,90190"	-26°23'16,63727"
2473	7079871,9094	693610,1262	-49°03'33,13547"	-26°23'17,34555"
2472	7079843,1841	693657,3276	-49°03'31,41727"	-26°23'18,25565"
2471	7079814,2459	693704,2585	-49°03'29,70871"	-26°23'19,17279"
2470	7079788,9296	693743,1706	-49°03'28,29135"	-26°23'19,97619"
2469	7079781,4587	693767,0200	-49°03'27,42702"	-26°23'20,20722"
2468	7079798,4330	693821,7244	-49°03'25,46302"	-26°23'19,62899"
2467	7079815,4772	693866,4321	-49°03'23,85965"	-26°23'19,05337"
2466	7079831,5793	693893,5291	-49°03'22,89100"	-26°23'18,51698"
2465	7079842,0390	693892,3130	-49°03'22,94055"	-26°23'18,17778"
2464	7080066,4540	693865,7190	-49°03'24,02189"	-26°23'10,90024"
2463	7080074,4803	693865,0194	-49°03'24,05149"	-26°23'10,63984"
2462	7080066,7200	693922,7208	-49°03'21,96597"	-26°23'10,86367"
2461	7080076,5987	693922,2309	-49°03'21,98902"	-26°23'10,54298"
2460	7080261,5599	693910,6957	-49°03'22,50571"	-26°23'04,53981"
2459	7080246,0344	693718,8181	-49°03'29,41822"	-26°23'05,13815"
892	7080347,9829	693707,3091	-49°03'29,88874"	-26°23'01,83178"
891	7080352,9329	693706,7503	-49°03'29,91159"	-26°23'01,67125"

890	7080531,3251	693688,0423	-49°03'30,68330"	-26°22'55,88497"
889	7080559,0375	693684,7510	-49°03'30,81707"	-26°22'54,98629"
888	7080628,5976	693676,4893	-49°03'31,15284"	-26°22'52,73053"
887	7080726,5893	693666,6979	-49°03'31,55924"	-26°22'49,55186"
886	7080794,4339	693659,9188	-49°03'31,84060"	-26°22'47,35110"
885	7080836,0896	693652,9298	-49°03'32,11530"	-26°22'46,00125"
884	7080866,4920	693650,0890	-49°03'32,23428"	-26°22'45,01496"
883	7080956,7810	693645,2460	-49°03'32,45799"	-26°22'42,08410"
882	7081377,9150	693766,0120	-49°03'28,33107"	-26°22'28,34361"
881	7081310,8680	693844,4130	-49°03'25,46698"	-26°22'30,48339"
880	7081392,3591	693890,5116	-49°03'23,84867"	-26°22'27,81342"
879	7081405,6994	693896,6926	-49°03'23,63299"	-26°22'27,37700"
878	7081545,8880	694038,9931	-49°03'18,57701"	-26°22'22,75298"
877	7081741,5082	693810,0040	-49°03'26,94200"	-26°22'16,51001"
876	7081746,6110	693798,9080	-49°03'27,34496"	-26°22'16,34966"
875	7081789,9330	693750,4490	-49°03'29,11618"	-26°22'14,96597"
874	7081843,6760	693795,0930	-49°03'27,53528"	-26°22'13,19817"
873	7081907,9910	693850,9910	-49°03'25,55426"	-26°22'11,08141"
872	7081944,1100	693883,6445	-49°03'24,39624"	-26°22'09,89202"
871	7082041,0780	693776,3850	-49°03'28,31721"	-26°22'06,79431"
870	7081991,4380	693755,0660	-49°03'29,05911"	-26°22'08,41740"
869	7082068,9110	693671,1720	-49°03'32,12679"	-26°22'05,94157"
868	7081944,0669	693571,0572	-49°03'35,66964"	-26°22'10,04634"
867	7082116,7280	693355,7470	-49°03'43,52837"	-26°22'04,54225"
866	7081995,3490	693294,2620	-49°03'45,68003"	-26°22'08,51552"
865	7082145,2490	693072,0080	-49°03'53,77672"	-26°22'03,75410"
864	7082130,1959	693066,3083	-49°03'53,97413"	-26°22'04,24591"
863	7082102,7390	693066,1275	-49°03'53,96579"	-26°22'05,13800"
862	7082077,6384	693066,8500	-49°03'53,92615"	-26°22'05,95310"
861	7082053,4201	693070,4607	-49°03'53,78283"	-26°22'06,73812"
860	7082027,1443	693072,9614	-49°03'53,67842"	-26°22'07,59053"
859	7082001,3786	693075,2365	-49°03'53,58242"	-26°22'08,42648"
858	7081970,8733	693075,9479	-49°03'53,54025"	-26°22'09,41716"
857	7081931,3488	693068,4426	-49°03'53,78954"	-26°22'10,70486"
856	7081881,4632	693065,2810	-49°03'53,87657"	-26°22'12,32705"
855	7081852,7910	693063,5780	-49°03'53,92247"	-26°22'13,25936"
854	7081833,2428	693063,9739	-49°03'53,89761"	-26°22'13,89423"
853	7081803,5206	693063,4129	-49°03'53,90176"	-26°22'14,86009"
852	7081768,2644	693057,9617	-49°03'54,07928"	-26°22'16,00813"
851	7081745,2652	693054,3123	-49°03'54,19844"	-26°22'16,75709"
850	7081711,3263	693054,4984	-49°03'54,17336"	-26°22'17,85958"
849	7081688,6793	693054,6849	-49°03'54,15438"	-26°22'18,59522"
848	7081651,4560	693076,2246	-49°03'53,35739"	-26°22'19,79400"
847	7081617,5469	693106,7007	-49°03'52,23988"	-26°22'20,88075"
846	7081577,9508	693137,9519	-49°03'51,09134"	-26°22'22,15188"
845	7081547,2816	693160,8613	-49°03'50,24848"	-26°22'23,13706"
844	7081526,3122	693171,2983	-49°03'49,86070"	-26°22'23,81320"
843	7081484,4650	693181,6135	-49°03'49,46600"	-26°22'25,16767"
842	7081460,6558	693186,5111	-49°03'49,27647"	-26°22'25,93877"
841	7081445,3102	693182,5854	-49°03'49,40974"	-26°22'26,43922"
840	7081429,1458	693172,8540	-49°03'49,75196"	-26°22'26,96910"
839	7081401,6843	693147,8045	-49°03'50,64054"	-26°22'27,87347"
838	7081349,5550	693091,9333	-49°03'52,62739"	-26°22'29,59426"
837	7081338,2746	693080,6463	-49°03'53,02837"	-26°22'29,96623"
836	7081352,5936	693058,7093	-49°03'53,82732"	-26°22'29,51174"
835	7081368,2310	693039,7050	-49°03'54,52121"	-26°22'29,01299"
834	7081380,0410	693022,9650	-49°03'55,13135"	-26°22'28,63748"
833	7081396,8210	692989,0150	-49°03'56,36490"	-26°22'28,10890"
832	7081401,0110	692951,9650	-49°03'57,70343"	-26°22'27,99083"
831	7081405,7010	692914,8650	-49°03'59,04404"	-26°22'27,85654"
830	7081415,5110	692878,7250	-49°04'00,35279"	-26°22'27,55545"
829	7081431,6310	692844,2550	-49°04'01,60472"	-26°22'27,04855"

828	7081450,7910	692815,5150	-49°04'02,65163"	-26°22'26,44009"
827	7081470,0210	692795,5650	-49°04'03,38155"	-26°22'25,82507"
826	7081489,1710	692774,1250	-49°04'04,16517"	-26°22'25,21338"
825	7081511,3310	692750,4150	-49°04'05,03228"	-26°22'24,50501"
824	7081599,2310	692657,1250	-49°04'08,44439"	-26°22'21,69478"
823	7081632,7510	692620,3650	-49°04'09,78828"	-26°22'20,62369"
822	7081752,5670	692495,5770	-49°04'14,35355"	-26°22'16,79187"
821	7081791,3010	692455,2350	-49°04'15,82941"	-26°22'15,55312"
820	7081768,6546	692432,8164	-49°04'16,62573"	-26°22'16,29973"
819	7081841,1103	692355,0428	-49°04'19,46977"	-26°22'13,98363"
818	7081976,9431	692209,2404	-49°04'24,80139"	-26°22'09,64157"
817	7081570,3219	691886,4716	-49°04'36,22338"	-26°22'23,00817"
816	7081532,2056	691925,6162	-49°04'34,79106"	-26°22'24,22750"
815	7081369,1077	691889,4866	-49°04'36,00638"	-26°22'29,54364"
814	7081182,9820	691802,1159	-49°04'39,05747"	-26°22'35,63272"
813	7081028,1920	691680,9040	-49°04'43,34608"	-26°22'40,72015"
812	7080700,8040	691372,7080	-49°04'54,28637"	-26°22'51,50528"
351	7080658,3541	691334,0568	-49°04'55,65769"	-26°22'52,90305"
501	7081008,6498	690949,3340	-49°05'09,72191"	-26°22'41,70858"
502	7080603,8365	690528,6456	-49°05'24,67908"	-26°22'55,06271"
352	7080601,2461	690525,1918	-49°05'24,80227"	-26°22'55,14853"
803	7080768,0810	690347,8785	-49°05'31,28694"	-26°22'49,81376"
802	7080546,9109	690137,8638	-49°05'38,74402"	-26°22'57,10001"
801	7080695,8955	689975,0794	-49°05'44,69500"	-26°22'52,33800"
800	7080782,8924	689914,9223	-49°05'46,91116"	-26°22'49,54054"
799	7080683,2091	689783,6216	-49°05'51,59400"	-26°22'52,84200"
798	7080672,7666	689771,6573	-49°05'52,01999"	-26°22'53,18699"
797	7080885,5740	689528,1585	-49°06'00,91598"	-26°22'46,39001"
503	7080953,0872	689560,2687	-49°05'59,79370"	-26°22'44,18127"
504	7081072,1500	689639,6439	-49°05'56,99406"	-26°22'40,27517"
505	7081246,7753	689798,3942	-49°05'51,36115"	-26°22'34,52589"
506	7081421,4007	689711,0815	-49°05'54,60322"	-26°22'28,89454"
507	7081627,7761	689663,4564	-49°05'56,43068"	-26°22'22,21267"
508	7081730,9638	689711,0815	-49°05'54,76788"	-26°22'18,83751"
509	7081850,0265	689719,0190	-49°05'54,54493"	-26°22'14,96561"
353	7081846,7365	689498,5665	-49°06'02,49406"	-26°22'15,17806"
786	7082002,8060	689516,3710	-49°06'01,93484"	-26°22'10,09917"
785	7081993,1937	689449,5433	-49°06'04,33992"	-26°22'10,44342"
784	7081937,8419	689430,0939	-49°06'05,01199"	-26°22'12,25099"
783	7081899,0647	688964,2532	-49°06'21,79248"	-26°22'13,73335"
782	7082013,1679	688957,8121	-49°06'22,08522"	-26°22'10,02944"
781	7082065,1624	689001,5564	-49°06'20,53509"	-26°22'08,31936"
780	7082214,3090	688984,7780	-49°06'21,21923"	-26°22'03,48190"
779	7082358,5120	689074,7400	-49°06'18,05114"	-26°21'58,75409"
778	7082364,6630	689167,7780	-49°06'14,69900"	-26°21'58,50984"
777	7082583,1400	689163,4500	-49°06'14,97091"	-26°21'51,41403"
776	7082566,9723	688937,7518	-49°06'23,10199"	-26°21'52,04700"
775	7082569,4941	688923,2039	-49°06'23,62799"	-26°21'51,97201"
774	7082552,8297	688705,9026	-49°06'31,45601"	-26°21'52,61699"
772	7082591,8636	688733,7101	-49°06'30,47379"	-26°21'51,33560"
771	7082651,2094	688776,1857	-49°06'28,97333"	-26°21'49,38733"
770	7082673,7773	688794,6367	-49°06'28,31986"	-26°21'48,64535"
769	7082691,3586	688803,2109	-49°06'28,01994"	-26°21'48,07008"
768	7082725,3965	688813,7142	-49°06'27,65916"	-26°21'46,95925"
767	7082760,4113	688824,9492	-49°06'27,27250"	-26°21'45,81633"
766	7082805,9800	688836,6336	-49°06'26,87523"	-26°21'44,33033"
765	7082826,6638	688849,9383	-49°06'26,40636"	-26°21'43,65201"
764	7082874,2853	688871,6395	-49°06'25,64894"	-26°21'42,09453"
763	7082903,1199	688880,3896	-49°06'25,34864"	-26°21'41,15358"
762	7082937,5381	688889,2217	-49°06'25,04834"	-26°21'40,03119"
761	7082971,6500	688888,8401	-49°06'25,08016"	-26°21'38,92314"
759	7082946,8500	688376,0770	-49°06'43,55899"	-26°21'39,97300"

758	7082940,0198	688234,8917	-49°06'48,64702"	-26°21'40,26200"
757	7082924,4610	687987,8670	-49°06'57,54740"	-26°21'40,88478"
756	7082926,0890	687977,7660	-49°06'57,91253"	-26°21'40,83668"
755	7082932,5170	687965,6810	-49°06'58,35175"	-26°21'40,63358"
754	7083033,4500	687854,4420	-49°07'02,41655"	-26°21'37,40721"
753	7083132,5260	687803,5100	-49°07'04,30546"	-26°21'34,21255"
752	7083270,7320	687732,8700	-49°07'06,92565"	-26°21'29,75595"
751	7083484,2493	687675,4027	-49°07'09,11033"	-26°21'22,84636"
750	7083546,0410	687658,7720	-49°07'09,74255"	-26°21'20,84673"
749	7083730,1090	687653,6290	-49°07'10,02477"	-26°21'14,86911"
748	7083851,4374	687673,3604	-49°07'09,37700"	-26°21'10,91801"
747	7083911,8442	687672,2722	-49°07'09,44800"	-26°21'08,95601"
746	7083947,0080	687668,1930	-49°07'09,61358"	-26°21'07,81553"
745	7083999,2830	687590,6270	-49°07'12,43814"	-26°21'06,15392"
744	7084058,4103	687579,5406	-49°07'12,86898"	-26°21'04,23822"
743	7084050,2672	687498,7520	-49°07'15,77798"	-26°21'04,54100"
742	7084248,1995	687497,6957	-49°07'15,92000"	-26°20'58,11101"
741	7084232,5039	687286,6121	-49°07'23,52345"	-26°20'58,72073"
740	7084428,2440	687268,2640	-49°07'24,28773"	-26°20'52,37011"
739	7084428,7350	687262,1620	-49°07'24,50802"	-26°20'52,35704"
738	7084405,7106	686980,9740	-49°07'34,63549"	-26°20'53,23781"
737	7084491,3095	686963,6501	-49°07'35,30500"	-26°20'50,46500"
736	7084524,6405	686959,6963	-49°07'35,46502"	-26°20'49,38400"
735	7084586,7150	686949,6070	-49°07'35,86132"	-26°20'47,37205"
734	7084794,0956	686930,2599	-49°07'36,66750"	-26°20'40,64369"
733	7084771,9890	686743,4040	-49°07'43,39371"	-26°20'41,44996"
732	7084767,7246	686627,8330	-49°07'47,55883"	-26°20'41,64293"
1	7084814,3389	686675,2049	-49°07'45,87502"	-26°20'40,10619"
405	7084991,6773	686650,7063	-49°07'46,85106"	-26°20'34,35626"
406	7085252,6099	686934,6623	-49°07'36,74868"	-26°20'25,74517"
407	7085298,6568	687157,2224	-49°07'28,74789"	-26°20'24,14419"
408	7085198,8885	687356,7591	-49°07'21,50085"	-26°20'27,29127"
409	7084945,6304	687418,1550	-49°07'19,15421"	-26°20'35,49021"
410	7084784,4662	687471,8764	-49°07'17,13254"	-26°20'40,70078"
411	7084638,6509	687656,0641	-49°07'10,41440"	-26°20'45,35094"
412	7084546,5571	687863,2752	-49°07'02,89417"	-26°20'48,24477"
413	7084515,8591	688108,8588	-49°06'54,02249"	-26°20'49,12564"
414	7084584,9295	688377,4659	-49°06'44,37320"	-26°20'46,75411"
415	7084746,0937	688507,9321	-49°06'39,75380"	-26°20'41,45616"
416	7084799,8152	688577,0025	-49°06'37,29159"	-26°20'39,67799"
14	7085160,5160	688477,2342	-49°06'41,07937"	-26°20'28,00691"
15	7085582,6128	688791,8882	-49°06'29,95686"	-26°20'14,14406"
16	7085751,4515	688953,0524	-49°06'24,23521"	-26°20'08,58205"
17	7085789,8240	689022,1228	-49°06'21,76515"	-26°20'07,30249"
18	7085736,1026	689175,6125	-49°06'16,20259"	-26°20'08,97461"
19	7085720,7536	689260,0319	-49°06'13,15069"	-26°20'09,43300"
20	7085735,5952	689261,4454	-49°06'13,10758"	-26°20'08,95015"
21	7085718,4263	689292,3494	-49°06'11,98423"	-26°20'09,49318"
22	7085738,6289	689373,1599	-49°06'09,08128"	-26°20'08,79826"
23	7085873,3130	689474,1730	-49°06'05,51062"	-26°20'04,37439"
24	7086001,2630	689581,9203	-49°06'01,69367"	-26°20'00,16606"
25	7086001,2630	689662,7308	-49°05'58,78008"	-26°20'00,12742"
26	7085906,9841	689804,1492	-49°05'53,63124"	-26°20'03,12271"
27	7085684,7552	689730,0729	-49°05'56,18406"	-26°20'10,37793"
28	7085119,0818	689393,3625	-49°06'08,02448"	-26°20'28,91650"
29	7085111,6926	689409,0646	-49°06'07,45439"	-26°20'29,14906"
30	7084927,1373	689305,7136	-49°06'11,08313"	-26°20'35,19426"
31	7084835,1926	689389,2997	-49°06'08,02047"	-26°20'38,14144"
32	7084768,3238	689422,7341	-49°06'06,77943"	-26°20'40,29791"
33	7084793,3996	689602,4441	-49°06'00,31275"	-26°20'39,39734"
34	7084906,2408	689719,4646	-49°05'56,15316"	-26°20'35,67538"
35	7085035,7992	689915,8919	-49°05'49,13935"	-26°20'31,37225"

36	7085156,9990	690083,0640	-49°05'43,17608"	-26°20'27,35461"
37	7085319,9918	690237,6982	-49°05'37,68725"	-26°20'21,98516"
38	7085336,7090	690388,1532	-49°05'32,27131"	-26°20'21,36984"
39	7085307,4539	690563,6839	-49°05'25,92673"	-26°20'22,23597"
40	7085198,7920	690643,0907	-49°05'23,00564"	-26°20'25,72799"
41	7085065,0543	690643,0907	-49°05'22,93428"	-26°20'30,07283"
42	7084885,3443	690747,5733	-49°05'19,07100"	-26°20'35,86096"
43	7084726,5307	690822,8007	-49°05'16,27366"	-26°20'40,98426"
44	7084521,7449	690847,8765	-49°05'15,26006"	-26°20'47,62522"
45	7084287,7039	690789,3663	-49°05'17,24482"	-26°20'55,25685"
417	7084145,6076	690693,2423	-49°05'20,63508"	-26°20'59,91950"
418	7083827,9805	690663,9872	-49°05'21,52040"	-26°21'10,25257"
419	7083514,5328	690651,4493	-49°05'21,80514"	-26°21'20,44181"
420	7083313,9262	690676,5251	-49°05'20,79373"	-26°21'26,94700"
421	7083176,0092	690693,2423	-49°05'20,11719"	-26°21'31,41956"
422	7083096,6024	690680,7044	-49°05'20,52692"	-26°21'34,00534"
423	7082824,9477	690689,0630	-49°05'20,08034"	-26°21'42,82676"
424	7082712,1065	690743,3939	-49°05'18,06068"	-26°21'46,46655"
425	7082561,6516	690751,7526	-49°05'17,67881"	-26°21'51,35046"
426	7082440,4518	690785,1870	-49°05'16,40824"	-26°21'55,27186"
427	7082340,1485	690877,1317	-49°05'13,03866"	-26°21'58,48618"
428	7082323,4313	690998,3315	-49°05'08,65871"	-26°21'58,97085"
429	7082335,9692	691265,8069	-49°04'59,01907"	-26°21'58,43445"
430	7082373,5829	691341,0343	-49°04'56,32621"	-26°21'57,17614"
431	7082469,7069	691412,0825	-49°04'53,81548"	-26°21'54,01898"
432	7082607,6239	691437,1583	-49°04'52,98513"	-26°21'49,52628"
433	7082707,9272	691478,9513	-49°04'51,53175"	-26°21'46,24747"
434	7082870,9200	691608,5097	-49°04'46,94696"	-26°21'40,88959"
435	7083013,0164	691704,6337	-49°04'43,55678"	-26°21'36,22673"
436	7083104,9610	691767,3233	-49°04'41,34545"	-26°21'33,20934"
437	7083142,5748	691825,8335	-49°04'39,25566"	-26°21'31,95903"
438	7083117,4989	691888,5231	-49°04'36,98147"	-26°21'32,74333"
439	7083071,5266	692013,9022	-49°04'32,43531"	-26°21'34,17611"
440	7083071,5266	692189,4329	-49°04'26,10530"	-26°21'34,09100"
441	7083117,4989	692339,8878	-49°04'20,70435"	-26°21'32,52447"
442	7083209,4436	692515,4186	-49°04'14,42396"	-26°21'29,45218"
443	7083372,4365	692707,6665	-49°04'07,57919"	-26°21'24,06352"
444	7083527,0707	692774,5354	-49°04'05,25132"	-26°21'19,00734"
445	7083644,0912	692862,3008	-49°04'02,14966"	-26°21'15,16295"
446	7083878,1322	692950,0661	-49°03'59,11129"	-26°21'07,51686"
447	7084087,0973	693075,4452	-49°03'54,70315"	-26°21'00,66709"
448	7084362,9314	693217,5415	-49°03'49,72854"	-26°20'51,63675"
449	7084509,2070	693338,7413	-49°03'45,43747"	-26°20'46,82556"
450	7084571,8965	693493,3756	-49°03'39,89566"	-26°20'44,71350"
451	7084630,4068	693652,1891	-49°03'34,20095"	-26°20'42,73512"
452	7084693,0963	693706,5200	-49°03'32,27592"	-26°20'40,67197"
453	7084910,4201	693794,2854	-49°03'29,22925"	-26°20'33,56884"
454	7085035,7992	693852,7957	-49°03'27,18760"	-26°20'29,46702"
455	7085115,2060	693915,4852	-49°03'24,97036"	-26°20'26,85666"
85	7085286,5574	693919,6645	-49°03'24,91267"	-26°20'21,28789"
86	7085574,9293	693919,6645	-49°03'25,06917"	-26°20'11,91950"
87	7085654,3361	693856,9750	-49°03'27,37249"	-26°20'09,37044"
88	7085658,5154	693673,0856	-49°03'34,00480"	-26°20'09,32450"
89	7085641,7982	693505,9135	-49°03'40,02305"	-26°20'09,94920"
90	7085859,1220	693518,4514	-49°03'39,68868"	-26°20'02,88282"
91	7085955,2459	693472,4791	-49°03'41,39820"	-26°19'59,78244"
92	7086130,7767	693434,8653	-49°03'42,84931"	-26°19'54,09826"
93	7086314,6660	693397,2516	-49°03'44,30490"	-26°19'48,14253"
94	7086406,6107	693363,8172	-49°03'45,56003"	-26°19'45,17178"
95	7086473,4796	693439,0446	-49°03'42,88408"	-26°19'42,96272"
96	7086490,1968	693685,6235	-49°03'34,00341"	-26°19'42,29932"
97	7086427,5072	693994,8920	-49°03'22,81961"	-26°19'44,18483"

98	7086264,5144	694057,5815	-49°03'20,47103"	-26°19'49,44935"
99	7086097,3423	694116,0918	-49°03'18,27079"	-26°19'54,85168"
100	7085971,9632	694182,9606	-49°03'15,79184"	-26°19'58,89216"
101	7085930,1701	694458,7947	-49°03'05,82433"	-26°20'00,11477"
102	7086001,2183	694663,5805	-49°02'58,47978"	-26°19'57,70617"
103	7086130,7767	694805,6768	-49°02'53,42735"	-26°19'53,42744"
104	7086193,4662	694931,0559	-49°02'48,94126"	-26°19'51,32925"
105	7086185,1076	695031,3592	-49°02'45,32050"	-26°19'51,55150"
106	7086055,5492	695018,8213	-49°02'45,70184"	-26°19'55,76663"
107	7085762,9980	694997,9248	-49°02'46,29561"	-26°20'05,28102"
108	7085620,9017	695106,5867	-49°02'42,30036"	-26°20'09,84386"
109	7085629,2603	695277,9381	-49°02'36,12698"	-26°20'09,48798"
110	7085717,0256	695537,0549	-49°02'26,83277"	-26°20'06,50909"
111	7085846,5841	695679,1512	-49°02'21,78059"	-26°20'02,23006"
112	7086080,6250	695829,6062	-49°02'16,48440"	-26°19'54,55256"
113	7086318,8453	695988,4197	-49°02'10,88934"	-26°19'46,73510"
114	7086477,6589	696193,2056	-49°02'03,59355"	-26°19'41,47453"
115	7086552,8863	696448,1431	-49°01'54,44400"	-26°19'38,90449"
116	7086594,6794	696732,3357	-49°01'44,22150"	-26°19'37,40595"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				

ZRUC-pn-02				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
513	7073333,7390	699408,5626	-49°00'00,32247"	-26°26'46,86338"
514	7073329,8516	699635,7210	-48°59'52,12271"	-26°26'46,87483"
515	7073294,6116	699922,0220	-48°59'41,77101"	-26°26'47,87471"
516	7073241,3168	700180,5174	-48°59'32,41254"	-26°26'49,47500"
517	7073176,6373	700445,1925	-48°59'22,82458"	-26°26'51,44181"
518	7073111,5181	700762,3357	-48°59'11,34283"	-26°26'53,39604"
519	7073076,4009	701046,0254	-48°59'01,08523"	-26°26'54,39242"
520	7073064,5737	701200,9665	-48°58'55,48705"	-26°26'54,69768"
311	7072785,5292	701199,9696	-48°58'55,36499"	-26°27'03,76301"
312	7072173,8328	701230,5039	-48°58'53,91648"	-26°27'23,61852"
2247	7072371,6990	697195,6659	-49°01'19,64701"	-26°27'19,22800"
2246	7072556,9807	697151,4954	-49°01'21,34402"	-26°27'13,23101"
2245	7072717,7901	697213,4043	-49°01'19,19899"	-26°27'07,97602"
2244	7073115,1560	697304,8350	-49°01'16,11998"	-26°26'55,02148"
2243	7073119,7662	697359,0571	-49°01'14,16574"	-26°26'54,84461"
2242	7073167,0810	697368,5570	-49°01'13,84918"	-26°26'53,30279"
2241	7073189,7600	697422,2670	-49°01'11,92347"	-26°26'52,53918"
2240	7073185,6490	697531,7750	-49°01'07,96921"	-26°26'52,61793"
2239	7073177,0760	697579,7510	-49°01'06,23307"	-26°26'52,87242"
2238	7073022,9810	697583,3508	-49°01'06,01745"	-26°26'57,87654"
2237	7073022,9810	697773,0164	-49°00'59,17264"	-26°26'57,78154"
2236	7073108,1490	697769,0490	-49°00'59,36323"	-26°26'55,01677"
2235	7073107,1526	697932,7405	-49°00'53,45529"	-26°26'54,96708"
2234	7073153,0087	697932,9434	-49°00'53,47351"	-26°26'53,47730"
2233	7073151,5770	698256,4820	-49°00'41,79673"	-26°26'53,36142"
2232	7073143,7740	698381,9440	-49°00'37,26466"	-26°26'53,55186"
2231	7073133,8704	698395,4896	-49°00'36,77029"	-26°26'53,86678"
2230	7073123,7413	698421,7220	-49°00'35,81795"	-26°26'54,18264"
2229	7073124,3627	698424,2077	-49°00'35,72859"	-26°26'54,16121"
2228	7073104,9507	698424,7108	-49°00'35,69960"	-26°26'54,79157"
2227	7073106,9300	698454,3400	-49°00'34,63143"	-26°26'54,71237"
2226	7073093,4965	698468,7048	-49°00'34,10552"	-26°26'55,14155"
2225	7073108,9550	698573,8559	-49°00'30,31942"	-26°26'54,58647"
2224	7073198,4873	698671,1745	-49°00'26,85742"	-26°26'51,62897"
2223	7073229,1640	698697,5910	-49°00'25,92126"	-26°26'50,61912"
510	7073279,3286	698831,9021	-49°00'21,10231"	-26°26'48,92185"
511	7073312,9164	698964,1930	-49°00'16,34703"	-26°26'47,76406"
512	7073328,9638	699185,8782	-49°00'08,35593"	-26°26'47,13094"

**SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 -
MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE**

ZRPA-es-01				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
1042	7086940,5813	689672,7288	-49°05'58,91798"	-26°19'29,60602"
1043	7086756,8093	689567,0113	-49°06'02,63187"	-26°19'35,62694"
1044	7086657,0410	689467,2430	-49°06'06,17590"	-26°19'38,91588"
1045	7086557,2727	689329,1022	-49°06'11,10342"	-26°19'42,22311"
1046	7086311,6891	689213,9849	-49°06'15,12377"	-26°19'50,25658"
1047	7086112,1524	689183,2870	-49°06'16,12494"	-26°19'56,75380"
1048	7085974,0117	689267,7063	-49°06'13,00811"	-26°20'01,20146"
1049	7085881,9178	689275,3808	-49°06'12,68263"	-26°20'04,18975"
20	7085735,5952	689261,4454	-49°06'13,10758"	-26°20'08,95015"
19	7085720,7536	689260,0319	-49°06'13,15069"	-26°20'09,43300"
18	7085736,1026	689175,6125	-49°06'16,20259"	-26°20'08,97461"
17	7085789,8240	689022,1228	-49°06'21,76515"	-26°20'07,30249"
16	7085751,4515	688953,0524	-49°06'24,23521"	-26°20'08,58205"
15	7085582,6128	688791,8882	-49°06'29,95686"	-26°20'14,14406"
14	7085160,5160	688477,2342	-49°06'41,07937"	-26°20'28,00691"
416	7084799,8152	688577,0025	-49°06'37,29159"	-26°20'39,67799"
415	7084746,0937	688507,9321	-49°06'39,75380"	-26°20'41,45616"
414	7084584,9295	688377,4659	-49°06'44,37320"	-26°20'46,75411"
413	7084515,8591	688108,8588	-49°06'54,02249"	-26°20'49,12564"
412	7084546,5571	687863,2752	-49°07'02,89417"	-26°20'48,24477"
411	7084638,6509	687656,0641	-49°07'10,41440"	-26°20'45,35094"
410	7084784,4662	687471,8764	-49°07'17,13254"	-26°20'40,70078"
409	7084945,6304	687418,1550	-49°07'19,15421"	-26°20'35,49021"
408	7085198,8885	687356,7591	-49°07'21,50085"	-26°20'27,29127"
407	7085298,6568	687157,2224	-49°07'28,74789"	-26°20'24,14419"
406	7085252,6099	686934,6623	-49°07'36,74868"	-26°20'25,74517"
405	7084991,6773	686650,7063	-49°07'46,85106"	-26°20'34,35626"
1	7084814,3389	686675,2049	-49°07'45,87502"	-26°20'40,10619"
732	7084767,7246	686627,8330	-49°07'47,55883"	-26°20'41,64293"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				

ZRPA-es-02				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
235	7075095,285	698306,9322	-49°00'41,06050"	-26°25'50,19308"
234	7074992,933	698220,1677	-49°00'44,13416"	-26°25'53,56161"
233	7074884,271	698011,2025	-49°00'51,61378"	-26°25'57,19642"
232	7074842,478	697793,8787	-49°00'59,43235"	-26°25'58,66300"
231	7074855,016	697576,555	-49°01'07,28117"	-26°25'58,36448"
230	7074930,244	697355,0519	-49°01'15,31559"	-26°25'56,03138"
229	7075097,416	697200,4177	-49°01'20,98806"	-26°25'50,67785"
228	7075235,333	696932,9423	-49°01'30,71580"	-26°25'46,33091"
227	7075394,146	696652,9289	-49°01'40,90731"	-26°25'41,31117"
226	7075515,346	696460,681	-49°01'47,91104"	-26°25'37,46950"
225	7075732,67	696109,6195	-49°02'00,69794"	-26°25'30,58388"
224	7076012,683	695842,1441	-49°02'10,50306"	-26°25'21,61993"
223	7076104,628	695796,1717	-49°02'12,21240"	-26°25'18,65576"
222	7076263,441	695837,9648	-49°02'10,79189"	-26°25'13,47577"
221	7076418,076	695863,0406	-49°02'09,97227"	-26°25'08,43983"
220	7076660,475	695837,9648	-49°02'11,01041"	-26°25'00,57755"
219	7076856,903	695837,9648	-49°02'11,11850"	-26°24'54,19633"
218	7076969,744	695900,6543	-49°02'08,91887"	-26°24'50,49945"
217	7077145,274	695909,0129	-49°02'08,71392"	-26°24'44,79294"
216	7077308,267	695879,7578	-49°02'09,85907"	-26°24'39,51238"
215	7077521,412	695879,7578	-49°02'09,97636"	-26°24'32,58807"
214	7077642,612	695996,7783	-49°02'05,82137"	-26°24'28,59272"
213	7077663,508	696117,9781	-49°02'01,46044"	-26°24'27,85376"

212	7077563,205	696234,9986	-49°01'57,18349"	-26°24'31,05419"
211	7077421,108	696347,8398	-49°01'53,03421"	-26°24'35,61436"
210	7077396,033	696469,0396	-49°01'48,64786"	-26°24'36,36877"
209	7077396,033	696611,1359	-49°01'43,52147"	-26°24'36,29813"
208	7077525,591	696648,7496	-49°01'42,23606"	-26°24'32,07054"
207	7077696,943	696594,4187	-49°01'44,29075"	-26°24'26,53098"
206	7077776,349	696510,8326	-49°01'47,35003"	-26°24'23,99290"
205	7077993,673	696385,4535	-49°01'51,99305"	-26°24'16,99513"
204	7078344,735	696280,9709	-49°01'55,95578"	-26°24'05,64227"
203	7078670,72	696239,1779	-49°01'57,64304"	-26°23'55,07290"
202	7078850,43	696272,6123	-49°01'56,53597"	-26°23'49,21817"
201	7079017,602	696418,8879	-49°01'51,35156"	-26°23'43,71473"
200	7079063,575	696531,7291	-49°01'47,30648"	-26°23'42,16521"
199	7079055,216	696623,6738	-49°01'43,98522"	-26°23'42,39106"
198	7078925,658	696707,2599	-49°01'40,89855"	-26°23'46,55839"
197	7078808,637	696711,4392	-49°01'40,68317"	-26°23'50,35788"
196	7078691,617	696807,5632	-49°01'37,15105"	-26°23'54,11163"
195	7078536,982	696916,225	-49°01'33,14579"	-26°23'59,08105"
194	7078361,452	696962,1974	-49°01'31,39033"	-26°24'04,76050"
193	7078085,618	696966,3767	-49°01'31,08700"	-26°24'13,71924"
192	7078006,211	696987,2732	-49°01'30,28924"	-26°24'16,28847"
191	7077889,19	697095,9351	-49°01'26,30448"	-26°24'20,03588"
190	7077809,784	697246,39	-49°01'20,83278"	-26°24'22,54048"
189	7077742,915	697375,9484	-49°01'16,12183"	-26°24'24,64814"
188	7077742,915	697501,3275	-49°01'11,59869"	-26°24'24,58553"
187	7077759,632	697618,348	-49°01'07,38638"	-26°24'23,98398"
186	7077935,163	697635,0652	-49°01'06,88073"	-26°24'18,27331"
185	7078144,128	697576,555	-49°01'09,10743"	-26°24'11,51407"
184	7078265,328	697555,6585	-49°01'09,92850"	-26°24'07,58720"
183	7078361,452	697614,1687	-49°01'07,87113"	-26°24'04,43526"
182	7078465,934	697676,8583	-49°01'05,66766"	-26°24'01,00969"
181	7078679,079	697685,2169	-49°01'05,48443"	-26°23'54,08127"
180	7078875,506	697685,2169	-49°01'05,59344"	-26°23'47,70010"
179	7079059,395	697676,8583	-49°01'05,99699"	-26°23'41,73041"
178	7079251,643	697706,1134	-49°01'05,04838"	-26°23'35,47039"
177	7079335,229	697806,4167	-49°01'01,47671"	-26°23'32,70486"
176	7079335,229	697927,6165	-49°00'57,10490"	-26°23'32,64425"
175	7079347,767	697952,6923	-49°00'56,20736"	-26°23'32,22439"
174	7079435,533	697969,4095	-49°00'55,65311"	-26°23'29,36487"
173	7079498,222	697902,5406	-49°00'58,09994"	-26°23'27,36178"
172	7079585,988	697777,1615	-49°01'02,67116"	-26°23'24,57331"
171	7079736,443	697689,3962	-49°01'05,92035"	-26°23'19,72946"
170	7079899,435	697701,9341	-49°01'05,55853"	-26°23'14,42817"
169	7080083,325	697823,1339	-49°01'01,28897"	-26°23'08,39374"
168	7080191,987	697952,6923	-49°00'56,67627"	-26°23'04,79894"
167	7080242,138	698073,8921	-49°00'52,33262"	-26°23'03,10907"
166	7080354,979	698228,5263	-49°00'46,81795"	-26°22'59,36588"
165	7080438,566	698374,8019	-49°00'41,58858"	-26°22'56,57720"
164	7080689,324	698537,7948	-49°00'35,84941"	-26°22'48,34933"
163	7080856,496	698583,7671	-49°00'34,28443"	-26°22'42,89550"
162	7081299,502	698638,098	-49°00'32,57166"	-26°22'28,47670"
161	7081508,467	698600,4843	-49°00'34,04457"	-26°22'21,70711"
160	7081575,336	698558,6913	-49°00'35,58905"	-26°22'19,55575"
159	7081575,336	698454,2087	-49°00'39,35718"	-26°22'19,60813"
158	7081537,722	698232,7056	-49°00'47,32472"	-26°22'20,94100"
157	7081500,109	698119,8644	-49°00'51,37342"	-26°22'22,21941"
156	7081429,06	697898,3613	-49°00'59,32251"	-26°22'24,63826"
155	7081387,267	697676,8583	-49°01'07,28791"	-26°22'26,10661"
154	7081374,729	697509,6861	-49°01'13,31010"	-26°22'26,59734"
153	7081345,474	697367,5898	-49°01'18,41869"	-26°22'27,61859"
152	7081253,53	697141,9074	-49°01'26,50724"	-26°22'30,71797"
151	7081224,275	696774,1287	-49°01'39,75540"	-26°22'31,85132"

150	7081195,019	696310,226	-49°01'56,47048"	-26°22'33,03200"
149	7081215,916	696013,4955	-49°02'07,18395"	-26°22'32,50016"
148	7081362,192	695871,3992	-49°02'12,38918"	-26°22'27,81848"
147	7081617,129	695817,0683	-49°02'14,48864"	-26°22'19,56329"
146	7081888,784	695591,3859	-49°02'22,77689"	-26°22'10,84966"
145	7082152,08	695666,6133	-49°02'20,20825"	-26°22'02,25887"
144	7082452,99	695541,2342	-49°02'24,89481"	-26°21'52,54521"
143	7082858,382	695562,1307	-49°02'24,36337"	-26°21'39,36501"
142	7083276,313	695386,6	-49°02'30,92211"	-26°21'25,87439"
141	7083556,326	695499,4412	-49°02'27,00632"	-26°21'16,72199"
140	7083702,601	695591,3859	-49°02'23,77094"	-26°21'11,92459"
139	7083702,601	695733,4822	-49°02'18,64702"	-26°21'11,85444"
138	7083681,705	695963,3439	-49°02'10,34688"	-26°21'12,41971"
137	7083727,677	696046,9299	-49°02'07,35806"	-26°21'10,88488"
136	7083853,056	696076,1851	-49°02'06,37199"	-26°21'06,79725"
135	7083995,153	696034,392	-49°02'07,95701"	-26°21'02,20168"
134	7084375,469	695967,5232	-49°02'10,57689"	-26°20'49,87949"
133	7084860,269	695946,6267	-49°02'11,59631"	-26°20'34,14026"
132	7085035,799	695992,599	-49°02'10,03503"	-26°20'28,41511"
131	7085186,254	696134,6953	-49°02'04,99425"	-26°20'23,45706"
130	7085361,785	696377,0949	-49°01'56,35097"	-26°20'17,63467"
129	7085466,267	696452,3224	-49°01'53,69611"	-26°20'14,20312"
128	7085687,771	696619,4945	-49°01'47,79070"	-26°20'06,92437"
127	7085854,943	696782,4873	-49°01'42,00627"	-26°20'01,41267"
126	7085951,067	696882,7906	-49°01'38,44297"	-26°19'58,24016"
125	7086063,908	696941,3009	-49°01'36,39568"	-26°19'54,54528"
124	7086155,853	697242,2107	-49°01'25,59787"	-26°19'51,40880"
123	7086235,259	697442,8173	-49°01'18,40942"	-26°19'48,72936"
122	7086289,59	697522,224	-49°01'15,57668"	-26°19'46,92480"
121	7086398,252	697580,7343	-49°01'13,52734"	-26°19'43,36562"
120	7086452,583	697434,4587	-49°01'18,83079"	-26°19'41,67342"
119	7086523,631	697304,9003	-49°01'23,54075"	-26°19'39,42975"
118	7086577,962	697258,9279	-49°01'25,22808"	-26°19'37,68759"
117	7086594,6794	697016,5283	-49°01'33,97605"	-26°19'37,26494"
116	7086594,6794	696732,3357	-49°01'44,22150"	-26°19'37,40595"
115	7086552,8863	696448,1431	-49°01'54,44400"	-26°19'38,90449"
114	7086477,6589	696193,2056	-49°02'03,59355"	-26°19'41,47453"
113	7086318,8453	695988,4197	-49°02'10,88934"	-26°19'46,73510"
112	7086080,6250	695829,6062	-49°02'16,48440"	-26°19'54,55256"
111	7085846,5841	695679,1512	-49°02'21,78059"	-26°20'02,23006"
110	7085717,0256	695537,0549	-49°02'26,83277"	-26°20'06,50909"
109	7085629,2603	695277,9381	-49°02'36,12698"	-26°20'09,48798"
108	7085620,9017	695106,5867	-49°02'42,30036"	-26°20'09,84386"
107	7085762,9980	694997,9248	-49°02'46,29561"	-26°20'05,28102"
106	7086055,5492	695018,8213	-49°02'45,70184"	-26°19'55,76663"
105	7086185,1076	695031,3592	-49°02'45,32050"	-26°19'51,55150"
104	7086193,4662	694931,0559	-49°02'48,94126"	-26°19'51,32925"
103	7086130,7767	694805,6768	-49°02'53,42735"	-26°19'53,42744"
102	7086001,2183	694663,5805	-49°02'58,47978"	-26°19'57,70617"
101	7085930,1701	694458,7947	-49°03'05,82433"	-26°20'00,11477"
100	7085971,9632	694182,9606	-49°03'15,79184"	-26°19'58,89216"
99	7086097,3423	694116,0918	-49°03'18,27079"	-26°19'54,85168"
98	7086264,5144	694057,5815	-49°03'20,47103"	-26°19'49,44935"
97	7086427,5072	693994,8920	-49°03'22,81961"	-26°19'44,18483"
96	7086490,1968	693685,6235	-49°03'34,00341"	-26°19'42,29932"
95	7086473,4796	693439,0446	-49°03'42,88408"	-26°19'42,96272"
94	7086406,6107	693363,8172	-49°03'45,56003"	-26°19'45,17178"
93	7086314,6660	693397,2516	-49°03'44,30490"	-26°19'48,14253"
92	7086130,7767	693434,8653	-49°03'42,84931"	-26°19'54,09826"
91	7085955,2459	693472,4791	-49°03'41,39820"	-26°19'59,78244"
90	7085859,1220	693518,4514	-49°03'39,68868"	-26°20'02,88282"
89	7085641,7982	693505,9135	-49°03'40,02305"	-26°20'09,94920"

88	7085658,5154	693673,0856	-49°03'34,00480"	-26°20'09,32450"
87	7085654,3361	693856,9750	-49°03'27,37249"	-26°20'09,37044"
86	7085574,9293	693919,6645	-49°03'25,06917"	-26°20'11,91950"
85	7085286,5574	693919,6645	-49°03'24,91267"	-26°20'21,28789"
455	7085115,2060	693915,4852	-49°03'24,97036"	-26°20'26,85666"
454	7085035,7992	693852,7957	-49°03'27,18760"	-26°20'29,46702"
453	7084910,4201	693794,2854	-49°03'29,22925"	-26°20'33,56884"
452	7084693,0963	693706,5200	-49°03'32,27592"	-26°20'40,67197"
451	7084630,4068	693652,1891	-49°03'34,20095"	-26°20'42,73512"
450	7084571,8965	693493,3756	-49°03'39,89566"	-26°20'44,71350"
449	7084509,2070	693338,7413	-49°03'45,43747"	-26°20'46,82556"
448	7084362,9314	693217,5415	-49°03'49,72854"	-26°20'51,63675"
447	7084087,0973	693075,4452	-49°03'54,70315"	-26°21'00,66709"
446	7083878,1322	692950,0661	-49°03'59,11129"	-26°21'07,51686"
445	7083644,0912	692862,3008	-49°04'02,14966"	-26°21'15,16295"
444	7083527,0707	692774,5354	-49°04'05,25132"	-26°21'19,00734"
443	7083372,4365	692707,6665	-49°04'07,57919"	-26°21'24,06352"
442	7083209,4436	692515,4186	-49°04'14,42396"	-26°21'29,45218"
441	7083117,4989	692339,8878	-49°04'20,70435"	-26°21'32,52447"
440	7083071,5266	692189,4329	-49°04'26,10530"	-26°21'34,09100"
439	7083071,5266	692013,9022	-49°04'32,43531"	-26°21'34,17611"
438	7083117,4989	691888,5231	-49°04'36,98147"	-26°21'32,74333"
437	7083142,5748	691825,8335	-49°04'39,25566"	-26°21'31,95903"
436	7083104,9610	691767,3233	-49°04'41,34545"	-26°21'33,20934"
435	7083013,0164	691704,6337	-49°04'43,55678"	-26°21'36,22673"
434	7082870,9200	691608,5097	-49°04'46,94696"	-26°21'40,88959"
433	7082707,9272	691478,9513	-49°04'51,53175"	-26°21'46,24747"
432	7082607,6239	691437,1583	-49°04'52,98513"	-26°21'49,52628"
431	7082469,7069	691412,0825	-49°04'53,81548"	-26°21'54,01898"
430	7082373,5829	691341,0343	-49°04'56,32621"	-26°21'57,17614"
429	7082335,969	691265,8069	-49°04'59,01907"	-26°21'58,43445"
428	7082323,431	690998,3315	-49°05'08,65871"	-26°21'58,97085"
427	7082340,149	690877,1317	-49°05'13,03866"	-26°21'58,48618"
426	7082440,452	690785,187	-49°05'16,40824"	-26°21'55,27186"
425	7082561,652	690751,7526	-49°05'17,67881"	-26°21'51,35046"
424	7082712,107	690743,3939	-49°05'18,06068"	-26°21'46,46655"
423	7082824,948	690689,063	-49°05'20,08034"	-26°21'42,82676"
422	7083096,602	690680,7044	-49°05'20,52692"	-26°21'34,00534"
421	7083176,009	690693,2423	-49°05'20,11719"	-26°21'31,41956"
420	7083313,926	690676,5251	-49°05'20,79373"	-26°21'26,94700"
419	7083514,533	690651,4493	-49°05'21,80514"	-26°21'20,44181"
418	7083827,981	690663,9872	-49°05'21,52040"	-26°21'10,25257"
417	7084145,608	690693,2423	-49°05'20,63508"	-26°20'59,91950"
45	7084287,704	690789,3663	-49°05'17,24482"	-26°20'55,25685"
44	7084521,745	690847,8765	-49°05'15,26006"	-26°20'47,62522"
43	7084726,531	690822,8007	-49°05'16,27366"	-26°20'40,98426"
42	7084885,344	690747,5733	-49°05'19,07100"	-26°20'35,86096"
41	7085065,054	690643,0907	-49°05'22,93428"	-26°20'30,07283"
40	7085198,792	690643,0907	-49°05'23,00564"	-26°20'25,72799"
39	7085307,454	690563,6839	-49°05'25,92673"	-26°20'22,23597"
38	7085336,709	690388,1532	-49°05'32,27131"	-26°20'21,36984"
37	7085319,992	690237,6982	-49°05'37,68725"	-26°20'21,98516"
36	7085156,999	690083,064	-49°05'43,17608"	-26°20'27,35461"
35	7085035,799	689915,8919	-49°05'49,13935"	-26°20'31,37225"
34	7084906,241	689719,4646	-49°05'56,15316"	-26°20'35,67538"
33	7084793,4	689602,4441	-49°06'00,31275"	-26°20'39,39734"
32	7084768,324	689422,7341	-49°06'06,77943"	-26°20'40,29791"
31	7084835,193	689389,2997	-49°06'08,02047"	-26°20'38,14144"
30	7084927,137	689305,7136	-49°06'11,08313"	-26°20'35,19426"
29	7085111,693	689409,0646	-49°06'07,45439"	-26°20'29,14906"
497	7085065,208	689507,8441	-49°06'03,86803"	-26°20'30,61205"
496	7085018,069	689602,123	-49°06'00,44358"	-26°20'32,09844"

495	7085058,474	689689,6677	-49°05'57,30840"	-26°20'30,74389"
494	7085341,311	689905,1623	-49°05'49,68862"	-26°20'21,45194"
493	7085455,792	690019,6438	-49°05'45,62172"	-26°20'17,67783"
492	7085496,197	690201,4674	-49°05'39,08740"	-26°20'16,27799"
491	7085637,616	690423,6963	-49°05'31,15012"	-26°20'11,57696"
490	7085745,363	690517,9752	-49°05'27,80830"	-26°20'08,03120"
489	7085812,705	690699,7988	-49°05'21,28858"	-26°20'05,75601"
488	7085987,795	690787,3435	-49°05'18,22563"	-26°20'00,02564"
487	7086196,555	690955,6987	-49°05'12,26724"	-26°19'53,16246"
486	7086250,429	691103,8512	-49°05'06,95460"	-26°19'51,34088"
485	7086412,05	691265,4722	-49°05'01,21407"	-26°19'46,01229"
484	7086506,329	691474,2326	-49°04'53,73813"	-26°19'42,84868"
483	7086533,265	691649,322	-49°04'47,44013"	-26°19'41,88902"
482	7086661,215	691844,614	-49°04'40,46801"	-26°19'37,63784"
481	7086715,089	691932,1587	-49°04'37,34076"	-26°19'35,84527"
480	7086715,089	692026,4376	-49°04'33,94182"	-26°19'35,79965"
479	7086883,444	692100,5139	-49°04'31,36167"	-26°19'30,29434"
478	7087125,876	692100,5139	-49°04'31,49191"	-26°19'22,41832"
477	7087206,686	692208,2612	-49°04'27,65097"	-26°19'19,74080"
476	7087327,902	692282,3375	-49°04'25,04565"	-26°19'15,76691"
475	7087577,068	692302,5401	-49°04'24,45131"	-26°19'07,66233"
474	7087691,549	692336,2112	-49°04'23,29904"	-26°19'03,92678"
473	7087832,967	692477,6295	-49°04'18,27712"	-26°18'59,26389"
472	7087947,449	692558,44	-49°04'15,42563"	-26°18'55,50547"
471	7088149,475	692538,2374	-49°04'16,26262"	-26°18'48,95192"
470	7088304,362	692470,8953	-49°04'18,77348"	-26°18'43,95268"
469	7088378,438	692544,9716	-49°04'16,14308"	-26°18'41,51020"
468	7088459,249	692592,1111	-49°04'14,48733"	-26°18'38,86200"
467	7088553,528	692672,9216	-49°04'11,62512"	-26°18'35,75990"
466	7088546,793	692794,1373	-49°04'07,25207"	-26°18'35,91984"
465	7088452,515	692821,0741	-49°04'06,23029"	-26°18'38,96965"
464	7088136,007	692881,682	-49°04'03,87494"	-26°18'49,22276"
463	7087954,183	692915,353	-49°04'02,56313"	-26°18'55,11340"
462	7087880,107	693050,0372	-49°03'57,66803"	-26°18'57,45447"
461	7087884,873	693331,2177	-49°03'47,53449"	-26°18'57,16280"
460	7087839,237	693498,7091	-49°03'41,47202"	-26°18'58,56379"
459	7087926,654	693652,9359	-49°03'35,95970"	-26°18'55,64862"
458	7088256,634	694059,3037	-49°03'21,48988"	-26°18'44,73000"
457	7088551,805	694409,14	-49°03'09,03966"	-26°18'34,96957"
498	7088373,076	694417,256	-49°03'08,65001"	-26°18'40,77202"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				

ZRPA-mn				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
457	7088551,8050	694409,1400	-49°03'09,03966"	-26°18'34,96957"
458	7088256,6344	694059,3037	-49°03'21,48988"	-26°18'44,73000"
459	7087926,6538	693652,9359	-49°03'35,95970"	-26°18'55,64862"
460	7087839,2365	693498,7091	-49°03'41,47202"	-26°18'58,56379"
461	7087884,8726	693331,2177	-49°03'47,53449"	-26°18'57,16280"
462	7087880,1069	693050,0372	-49°03'57,66803"	-26°18'57,45447"
463	7087954,1831	692915,3530	-49°04'02,56313"	-26°18'55,11340"
464	7088136,0067	692881,6820	-49°04'03,87494"	-26°18'49,22276"
465	7088452,5145	692821,0741	-49°04'06,23029"	-26°18'38,96965"
466	7088546,7934	692794,1373	-49°04'07,25207"	-26°18'35,91984"
467	7088553,5276	692672,9216	-49°04'11,62512"	-26°18'35,75990"
468	7088459,2487	692592,1111	-49°04'14,48733"	-26°18'38,86200"
469	7088378,4382	692544,9716	-49°04'16,14308"	-26°18'41,51020"
470	7088304,3619	692470,8953	-49°04'18,77348"	-26°18'43,95268"
471	7088149,4752	692538,2374	-49°04'16,26262"	-26°18'48,95192"
472	7087947,4489	692558,4400	-49°04'15,42563"	-26°18'55,50547"
473	7087832,9674	692477,6295	-49°04'18,27712"	-26°18'59,26389"

474	7087691,5491	692336,2112	-49°04'23,29904"	-26°19'03,92678"
475	7087577,0675	692302,5401	-49°04'24,45131"	-26°19'07,66233"
476	7087327,9019	692282,3375	-49°04'25,04565"	-26°19'15,76691"
477	7087206,6861	692208,2612	-49°04'27,65097"	-26°19'19,74080"
478	7087125,8756	692100,5139	-49°04'31,49191"	-26°19'22,41832"
479	7086883,4442	692100,5139	-49°04'31,36167"	-26°19'30,29434"
480	7086715,0890	692026,4376	-49°04'33,94182"	-26°19'35,79965"
481	7086715,0890	691932,1587	-49°04'37,34076"	-26°19'35,84527"
482	7086661,2153	691844,6140	-49°04'40,46801"	-26°19'37,63784"
483	7086533,2654	691649,3220	-49°04'47,44013"	-26°19'41,88902"
484	7086506,3285	691474,2326	-49°04'53,73813"	-26°19'42,84868"
485	7086412,0496	691265,4722	-49°05'01,21407"	-26°19'46,01229"
486	7086250,4287	691103,8512	-49°05'06,95460"	-26°19'51,34088"
487	7086196,5550	690955,6987	-49°05'12,26724"	-26°19'53,16246"
488	7085987,7946	690787,3435	-49°05'18,22563"	-26°20'00,02564"
489	7085812,7052	690699,7988	-49°05'21,28858"	-26°20'05,75601"
490	7085745,3631	690517,9752	-49°05'27,80830"	-26°20'08,03120"
491	7085637,6158	690423,6963	-49°05'31,15012"	-26°20'11,57696"
492	7085496,1974	690201,4674	-49°05'39,08740"	-26°20'16,27799"
493	7085455,7922	690019,6438	-49°05'45,62172"	-26°20'17,67783"
494	7085341,3107	689905,1623	-49°05'49,68862"	-26°20'21,45194"
495	7085058,4739	689689,6677	-49°05'57,30840"	-26°20'30,74389"
496	7085018,0687	689602,1230	-49°06'00,44358"	-26°20'32,09844"
497	7085065,2081	689507,8441	-49°06'03,86803"	-26°20'30,61205"
29	7085111,6926	689409,0646	-49°06'07,45439"	-26°20'29,14906"
28	7085119,0818	689393,3625	-49°06'08,02448"	-26°20'28,91650"
27	7085684,7552	689730,0729	-49°05'56,18406"	-26°20'10,37793"
26	7085906,9841	689804,1492	-49°05'53,63124"	-26°20'03,12271"
25	7086001,2630	689662,7308	-49°05'58,78008"	-26°20'00,12742"
24	7086001,2630	689581,9203	-49°06'01,69367"	-26°20'00,16606"
23	7085873,3130	689474,1730	-49°06'05,51062"	-26°20'04,37439"
22	7085738,6289	689373,1599	-49°06'09,08128"	-26°20'08,79826"
21	7085718,4263	689292,3494	-49°06'11,98423"	-26°20'09,49318"
20	7085735,5952	689261,4454	-49°06'13,10758"	-26°20'08,95015"
1049	7085881,9178	689275,3808	-49°06'12,68263"	-26°20'04,18975"
1048	7085974,0117	689267,7063	-49°06'13,00811"	-26°20'01,20146"
1047	7086112,1524	689183,2870	-49°06'16,12494"	-26°19'56,75380"
1046	7086311,6891	689213,9849	-49°06'15,12377"	-26°19'50,25658"
1045	7086557,2727	689329,1022	-49°06'11,10342"	-26°19'42,22311"
1044	7086657,0410	689467,2430	-49°06'06,17590"	-26°19'38,91588"
1043	7086756,8093	689567,0113	-49°06'02,63187"	-26°19'35,62694"
1042	7086940,5813	689672,7288	-49°05'58,91798"	-26°19'29,60602"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				

SEEGE-BRACINHO				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
521	7088510,4633	691351,3233	-49°04'59,24154"	-26°18'37,79808"
470	7088304,3619	692470,8953	-49°04'18,77348"	-26°18'43,95268"
471	7088149,4752	692538,2374	-49°04'16,26262"	-26°18'48,95192"
472	7087947,4489	692558,4400	-49°04'15,42563"	-26°18'55,50547"
473	7087832,9674	692477,6295	-49°04'18,27712"	-26°18'59,26389"
474	7087691,5491	692336,2112	-49°04'23,29904"	-26°19'03,92678"
475	7087577,0675	692302,5401	-49°04'24,45131"	-26°19'07,66233"
476	7087327,9019	692282,3375	-49°04'25,04565"	-26°19'15,76691"
477	7087206,6861	692208,2612	-49°04'27,65097"	-26°19'19,74080"
478	7087125,8756	692100,5139	-49°04'31,49191"	-26°19'22,41832"
479	7086883,4442	692100,5139	-49°04'31,36167"	-26°19'30,29434"
480	7086715,0890	692026,4376	-49°04'33,94182"	-26°19'35,79965"
481	7086715,0890	691932,1587	-49°04'37,34076"	-26°19'35,84527"
482	7086661,2153	691844,6140	-49°04'40,46801"	-26°19'37,63784"
483	7086533,2654	691649,3220	-49°04'47,44013"	-26°19'41,88902"

484	7086506,3285	691474,2326	-49°04'53,73813"	-26°19'42,84868"
485	7086412,0496	691265,4722	-49°05'01,21407"	-26°19'46,01229"
486	7086250,4287	691103,8512	-49°05'06,95460"	-26°19'51,34088"
487	7086196,5550	690955,6987	-49°05'12,26724"	-26°19'53,16246"
488	7085987,7946	690787,3435	-49°05'18,22563"	-26°20'00,02564"
489	7085812,7052	690699,7988	-49°05'21,28858"	-26°20'05,75601"
490	7085745,3631	690517,9752	-49°05'27,80830"	-26°20'08,03120"
491	7085637,6158	690423,6963	-49°05'31,15012"	-26°20'11,57696"
492	7085496,1974	690201,4674	-49°05'39,08740"	-26°20'16,27799"
493	7085455,7922	690019,6438	-49°05'45,62172"	-26°20'17,67783"
494	7085341,3107	689905,1623	-49°05'49,68862"	-26°20'21,45194"
495	7085058,4739	689689,6677	-49°05'57,30840"	-26°20'30,74389"
496	7085018,0687	689602,1230	-49°06'00,44358"	-26°20'32,09844"
497	7085065,2081	689507,8441	-49°06'03,86803"	-26°20'30,61205"
29	7085111,6926	689409,0646	-49°06'07,45439"	-26°20'29,14906"
28	7085119,0818	689393,3625	-49°06'08,02448"	-26°20'28,91650"
27	7085684,7552	689730,0729	-49°05'56,18406"	-26°20'10,37793"
26	7085906,9841	689804,1492	-49°05'53,63124"	-26°20'03,12271"
25	7086001,2630	689662,7308	-49°05'58,78008"	-26°20'00,12742"
24	7086001,2630	689581,9203	-49°06'01,69367"	-26°20'00,16606"
23	7085873,3130	689474,1730	-49°06'05,51062"	-26°20'04,37439"
22	7085738,6289	689373,1599	-49°06'09,08128"	-26°20'08,79826"
21	7085718,4263	689292,3494	-49°06'11,98423"	-26°20'09,49318"
20	7085735,5952	689261,4454	-49°06'13,10758"	-26°20'08,95015"
1049	7085881,9178	689275,3808	-49°06'12,68263"	-26°20'04,18975"
1048	7085974,0117	689267,7063	-49°06'13,00811"	-26°20'01,20146"
1047	7086112,1524	689183,2870	-49°06'16,12494"	-26°19'56,75380"
1046	7086311,6891	689213,9849	-49°06'15,12377"	-26°19'50,25658"
1045	7086557,2727	689329,1022	-49°06'11,10342"	-26°19'42,22311"
1044	7086657,0410	689467,2430	-49°06'06,17590"	-26°19'38,91588"
1043	7086756,8093	689567,0113	-49°06'02,63187"	-26°19'35,62694"
1042	7086940,5813	689672,7288	-49°05'58,91798"	-26°19'29,60602"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				

SEEGE-VALE DOS PEIXES				
Ponto	Norte (m)	Este (m)	Longitude	Latitude
117	7086594,6794	697016,5283	-49°01'33,97605"	-26°19'37,26494"
118	7086577,9621	697258,9279	-49°01'25,22808"	-26°19'37,68759"
119	7086523,6312	697304,9003	-49°01'23,54075"	-26°19'39,42975"
120	7086452,5830	697434,4587	-49°01'18,83079"	-26°19'41,67342"
121	7086398,2521	697580,7343	-49°01'13,52734"	-26°19'43,36562"
122	7086289,5902	697522,2240	-49°01'15,57668"	-26°19'46,92480"
123	7086235,2593	697442,8173	-49°01'18,40942"	-26°19'48,72936"
124	7086155,8525	697242,2107	-49°01'25,59787"	-26°19'51,40880"
125	7086063,9078	696941,3009	-49°01'36,39568"	-26°19'54,54528"
126	7085951,0666	696882,7906	-49°01'38,44297"	-26°19'58,24016"
127	7085854,9427	696782,4873	-49°01'42,00627"	-26°20'01,41267"
128	7085687,7705	696619,4945	-49°01'47,79070"	-26°20'06,92437"
129	7085466,2674	696452,3224	-49°01'53,69611"	-26°20'14,20312"
130	7085361,7849	696377,0949	-49°01'56,35097"	-26°20'17,63467"
131	7085186,2541	696134,6953	-49°02'04,99425"	-26°20'23,45706"
132	7085035,7992	695992,5990	-49°02'10,03503"	-26°20'28,41511"
133	7084860,2685	695946,6267	-49°02'11,59631"	-26°20'34,14026"
134	7084375,4693	695967,5232	-49°02'10,57689"	-26°20'49,87949"
135	7083995,1527	696034,3920	-49°02'07,95701"	-26°21'02,20168"
136	7083853,0563	696076,1851	-49°02'06,37199"	-26°21'06,79725"
137	7083727,6772	696046,9299	-49°02'07,35806"	-26°21'10,88488"
138	7083681,7049	695963,3439	-49°02'10,34688"	-26°21'12,41971"
139	7083702,6014	695733,4822	-49°02'18,64702"	-26°21'11,85444"
140	7083702,6014	695591,3859	-49°02'23,77094"	-26°21'11,92459"
141	7083556,3258	695499,4412	-49°02'27,00632"	-26°21'16,72199"

142	7083276,3125	695386,6000	-49°02'30,92211"	-26°21'25,87439"
1031	7082353,1902	693948,3946	-49°03'22,28343"	-26°21'56,57051"
443	7083372,4365	692707,6665	-49°04'07,57919"	-26°21'24,06352"
444	7083527,0707	692774,5354	-49°04'05,25132"	-26°21'19,00734"
445	7083644,0912	692862,3008	-49°04'02,14966"	-26°21'15,16295"
446	7083878,1322	692950,0661	-49°03'59,11129"	-26°21'07,51686"
447	7084087,0973	693075,4452	-49°03'54,70315"	-26°21'00,66709"
448	7084362,9314	693217,5415	-49°03'49,72854"	-26°20'51,63675"
449	7084509,2070	693338,7413	-49°03'45,43747"	-26°20'46,82556"
450	7084571,8965	693493,3756	-49°03'39,89566"	-26°20'44,71350"
451	7084630,4068	693652,1891	-49°03'34,20095"	-26°20'42,73512"
452	7084693,0963	693706,5200	-49°03'32,27592"	-26°20'40,67197"
453	7084910,4201	693794,2854	-49°03'29,22925"	-26°20'33,56884"
454	7085035,7992	693852,7957	-49°03'27,18760"	-26°20'29,46702"
455	7085115,2060	693915,4852	-49°03'24,97036"	-26°20'26,85666"
85	7085286,5574	693919,6645	-49°03'24,91267"	-26°20'21,28789"
86	7085574,9293	693919,6645	-49°03'25,06917"	-26°20'11,91950"
87	7085654,3361	693856,9750	-49°03'27,37249"	-26°20'09,37044"
88	7085658,5154	693673,0856	-49°03'34,00480"	-26°20'09,32450"
89	7085641,7982	693505,9135	-49°03'40,02305"	-26°20'09,94920"
90	7085859,1220	693518,4514	-49°03'39,68868"	-26°20'02,88282"
91	7085955,2459	693472,4791	-49°03'41,39820"	-26°19'59,78244"
92	7086130,7767	693434,8653	-49°03'42,84931"	-26°19'54,09826"
93	7086314,6660	693397,2516	-49°03'44,30490"	-26°19'48,14253"
94	7086406,6107	693363,8172	-49°03'45,56003"	-26°19'45,17178"
95	7086473,4796	693439,0446	-49°03'42,88408"	-26°19'42,96272"
96	7086490,1968	693685,6235	-49°03'34,00341"	-26°19'42,29932"
97	7086427,5072	693994,8920	-49°03'22,81961"	-26°19'44,18483"
98	7086264,5144	694057,5815	-49°03'20,47103"	-26°19'49,44935"
99	7086097,3423	694116,0918	-49°03'18,27079"	-26°19'54,85168"
100	7085971,9632	694182,9606	-49°03'15,79184"	-26°19'58,89216"
101	7085930,1701	694458,7947	-49°03'05,82433"	-26°20'00,11477"
102	7086001,2183	694663,5805	-49°02'58,47978"	-26°19'57,70617"
103	7086130,7767	694805,6768	-49°02'53,42735"	-26°19'53,42744"
104	7086193,4662	694931,0559	-49°02'48,94126"	-26°19'51,32925"
105	7086185,1076	695031,3592	-49°02'45,32050"	-26°19'51,55150"
106	7086055,5492	695018,8213	-49°02'45,70184"	-26°19'55,76663"
107	7085762,9980	694997,9248	-49°02'46,29561"	-26°20'05,28102"
108	7085620,9017	695106,5867	-49°02'42,30036"	-26°20'09,84386"
109	7085629,2603	695277,9381	-49°02'36,12698"	-26°20'09,48798"
110	7085717,0256	695537,0549	-49°02'26,83277"	-26°20'06,50909"
111	7085846,5841	695679,1512	-49°02'21,78059"	-26°20'02,23006"
112	7086080,6250	695829,6062	-49°02'16,48440"	-26°19'54,55256"
113	7086318,8453	695988,4197	-49°02'10,88934"	-26°19'46,73510"
114	7086477,6589	696193,2056	-49°02'03,59355"	-26°19'41,47453"
115	7086552,8863	696448,1431	-49°01'54,44400"	-26°19'38,90449"
116	7086594,6794	696732,3357	-49°01'44,22150"	-26°19'37,40595"
SISTEMA DE PROJEÇÃO UTM - DATUM HORIZONTAL SIRGAS 2000- FUSO 22 - MERIDIANO CENTRAL 51° - HEMISFÉRIO SUL/OESTE				