

	SIRGAS2000_UTM20S		SIRGAS2000	
Codigo	X_UTM	Y_UTM	x	y
TN_0	817833,7655	9805927,111	-60,14357	-1,75364
TN_50	817880,7501	9805944,212	-60,14315	-1,75348
TN_100	817927,7348	9805961,313	-60,14273	-1,75333
TN_150	817974,7194	9805978,414	-60,1423	-1,75317
TN_200	818021,704	9805995,515	-60,14188	-1,75302
TN_250	818068,6886	9806012,616	-60,14146	-1,75286
TN_300	818115,6733	9806029,717	-60,14104	-1,75271
TN_350	818162,6579	9806046,818	-60,14062	-1,75255
TN_400	818209,6425	9806063,919	-60,1402	-1,7524
TN_450	818256,6272	9806081,02	-60,13977	-1,75224
TN_500	818303,6118	9806098,121	-60,13935	-1,75209
TN_550	818350,5964	9806115,222	-60,13893	-1,75193
TN_600	818397,5811	9806132,323	-60,13851	-1,75178
TN_650	818444,5657	9806149,424	-60,13809	-1,75162
TN_700	818491,5503	9806166,525	-60,13767	-1,75147
TN_750	818538,535	9806183,626	-60,13724	-1,75131
TN_800	818585,5196	9806200,727	-60,13682	-1,75116
TN_850	818632,5042	9806217,828	-60,1364	-1,751
TN_900	818679,4888	9806234,929	-60,13598	-1,75084
TN_950	818726,4735	9806252,03	-60,13556	-1,75069
TN_1000	818773,4581	9806269,131	-60,13514	-1,75053
TN_1050	818820,4427	9806286,232	-60,13471	-1,75038
TN_1100	818867,4274	9806303,333	-60,13429	-1,75022
TN_1150	818914,412	9806320,434	-60,13387	-1,75007
TN_1200	818961,3966	9806337,535	-60,13345	-1,74991
TN_1250	819008,3813	9806354,636	-60,13303	-1,74976
TN_1300	819055,3659	9806371,737	-60,13261	-1,7496
TN_1350	819102,3505	9806388,838	-60,13218	-1,74945
TN_1400	819149,3352	9806405,939	-60,13176	-1,74929
TN_1450	819196,3198	9806423,04	-60,13134	-1,74914
TN_1500	819243,3044	9806440,141	-60,13092	-1,74898
TN_1550	819290,2891	9806457,242	-60,1305	-1,74883
TN_1600	819337,2737	9806474,343	-60,13008	-1,74867
TN_1650	819384,2583	9806491,444	-60,12965	-1,74852
TN_1700	819431,2429	9806508,545	-60,12923	-1,74836
TN_1750	819478,2276	9806525,646	-60,12881	-1,74821
TN_1800	819525,2122	9806542,747	-60,12839	-1,74805
TN_1850	819572,1968	9806559,848	-60,12797	-1,7479
TN_1900	819619,1815	9806576,949	-60,12755	-1,74774
TN_1950	819666,1661	9806594,05	-60,12712	-1,74759
TN_2000	819713,1507	9806611,151	-60,1267	-1,74743
TN_2050	819760,1354	9806628,252	-60,12628	-1,74728
TN_2100	819807,12	9806645,353	-60,12586	-1,74712
TN_2150	819854,1046	9806662,454	-60,12544	-1,74697
TN_2200	819901,0893	9806679,555	-60,12502	-1,74681
TN_2250	819948,0739	9806696,656	-60,12459	-1,74666
TN_2300	819995,0585	9806713,757	-60,12417	-1,7465
TN_2350	820042,0431	9806730,858	-60,12375	-1,74634
TN_2400	820089,0278	9806747,959	-60,12333	-1,74619
TN_2450	820136,0124	9806765,06	-60,12291	-1,74603
TN_2500	820182,997	9806782,161	-60,12249	-1,74588
TN_2550	820229,9817	9806799,262	-60,12206	-1,74572
TN_2600	820276,9663	9806816,363	-60,12164	-1,74557
TN_2650	820323,9509	9806833,464	-60,12122	-1,74541
TN_2700	820370,9356	9806850,565	-60,1208	-1,74526
TN_2750	820417,9202	9806867,666	-60,12038	-1,7451

TN_2800	820464,9048	9806884,767	-60,11996	-1,74495
TN_2850	820511,8895	9806901,868	-60,11953	-1,74479
TN_2900	820558,8741	9806918,969	-60,11911	-1,74464
TN_2950	820605,8587	9806936,07	-60,11869	-1,74448
TN_3000	820652,8434	9806953,171	-60,11827	-1,74433
TN_3050	820699,828	9806970,272	-60,11785	-1,74417
TN_3100	820746,8126	9806987,373	-60,11743	-1,74402
TN_3150	820793,7972	9807004,474	-60,117	-1,74386
TN_3200	820840,7819	9807021,575	-60,11658	-1,74371
TN_3250	820887,7665	9807038,676	-60,11616	-1,74355
TN_3300	820934,7511	9807055,777	-60,11574	-1,7434
TN_3350	820981,7358	9807072,878	-60,11532	-1,74324
TN_3400	821028,7204	9807089,979	-60,1149	-1,74309
TN_3450	821075,705	9807107,08	-60,11447	-1,74293
TN_3500	821122,6897	9807124,181	-60,11405	-1,74278
TN_3550	821169,6743	9807141,282	-60,11363	-1,74262
TN_3600	821216,6589	9807158,383	-60,11321	-1,74247
TN_3650	821263,6436	9807175,484	-60,11279	-1,74231
TN_3700	821310,6282	9807192,585	-60,11237	-1,74216
TN_3750	821357,6128	9807209,686	-60,11194	-1,742
TN_3800	821404,5974	9807226,787	-60,11152	-1,74184
TN_3850	821451,5821	9807243,888	-60,1111	-1,74169
TN_3900	821498,5667	9807260,989	-60,11068	-1,74153
TN_3950	821545,5513	9807278,09	-60,11026	-1,74138
TN_4000	821592,536	9807295,192	-60,10984	-1,74122
TN_4050	821639,5206	9807312,293	-60,10941	-1,74107
TN_4100	821686,5052	9807329,394	-60,10899	-1,74091
TN_4150	821733,4899	9807346,495	-60,10857	-1,74076
TN_4200	821780,4745	9807363,596	-60,10815	-1,7406
TN_4250	821827,4591	9807380,697	-60,10773	-1,74045
TN_4300	821874,4438	9807397,798	-60,10731	-1,74029
TN_4350	821921,4284	9807414,899	-60,10688	-1,74014
TN_4400	821968,413	9807432	-60,10646	-1,73998
TN_4450	822015,3977	9807449,101	-60,10604	-1,73983
TN_4500	822062,3823	9807466,202	-60,10562	-1,73967
TN_4550	822109,3669	9807483,303	-60,1052	-1,73952
TN_4600	822156,3515	9807500,404	-60,10478	-1,73936
TN_4650	822203,3362	9807517,505	-60,10435	-1,73921
TN_4700	822250,3208	9807534,606	-60,10393	-1,73905
TN_4750	822297,3054	9807551,707	-60,10351	-1,7389
TN_4800	822344,2901	9807568,808	-60,10309	-1,73874
TN_4850	822391,2747	9807585,909	-60,10267	-1,73859
TN_4900	822438,2593	9807603,01	-60,10225	-1,73843
TN_4950	822485,244	9807620,111	-60,10182	-1,73828
TN_5000	822532,2286	9807637,212	-60,1014	-1,73812
TS_0	818175,7856	9804987,418	-60,14048	-1,76212
TS_50	818222,7703	9805004,519	-60,14006	-1,76197
TS_100	818269,7549	9805021,62	-60,13964	-1,76181
TS_150	818316,7395	9805038,721	-60,13922	-1,76166
TS_200	818363,7242	9805055,822	-60,1388	-1,7615
TS_250	818410,7088	9805072,923	-60,13838	-1,76135
TS_300	818457,6934	9805090,024	-60,13795	-1,76119
TS_350	818504,6781	9805107,125	-60,13753	-1,76104
TS_400	818551,6627	9805124,226	-60,13711	-1,76088
TS_450	818598,6473	9805141,327	-60,13669	-1,76073
TS_500	818645,6319	9805158,428	-60,13627	-1,76057
TS_550	818692,6166	9805175,529	-60,13585	-1,76042
TS_600	818739,6012	9805192,63	-60,13542	-1,76026

TS_650	818786,5858	9805209,731	-60,135	-1,76011
TS_700	818833,5705	9805226,832	-60,13458	-1,75995
TS_750	818880,5551	9805243,933	-60,13416	-1,7598
TS_800	818927,5397	9805261,034	-60,13374	-1,75964
TS_850	818974,5244	9805278,135	-60,13332	-1,75949
TS_900	819021,509	9805295,236	-60,13289	-1,75933
TS_950	819068,4936	9805312,337	-60,13247	-1,75918
TS_1000	819115,4783	9805329,438	-60,13205	-1,75902
TS_1050	819162,4629	9805346,539	-60,13163	-1,75887
TS_1100	819209,4475	9805363,64	-60,13121	-1,75871
TS_1150	819256,4321	9805380,741	-60,13079	-1,75856
TS_1200	819303,4168	9805397,842	-60,13036	-1,7584
TS_1250	819350,4014	9805414,943	-60,12994	-1,75824
TS_1300	819397,386	9805432,044	-60,12952	-1,75809
TS_1350	819444,3707	9805449,146	-60,1291	-1,75793
TS_1400	819491,3553	9805466,247	-60,12868	-1,75778
TS_1450	819538,3399	9805483,348	-60,12826	-1,75762
TS_1500	819585,3246	9805500,449	-60,12783	-1,75747
TS_1550	819632,3092	9805517,55	-60,12741	-1,75731
TS_1600	819679,2938	9805534,651	-60,12699	-1,75716
TS_1650	819726,2785	9805551,752	-60,12657	-1,757
TS_1700	819773,2631	9805568,853	-60,12615	-1,75685
TS_1750	819820,2477	9805585,954	-60,12573	-1,75669
TS_1800	819867,2324	9805603,055	-60,1253	-1,75654
TS_1850	819914,217	9805620,156	-60,12488	-1,75638
TS_1900	819961,2016	9805637,257	-60,12446	-1,75623
TS_1950	820008,1862	9805654,358	-60,12404	-1,75607
TS_2000	820055,1709	9805671,459	-60,12362	-1,75592
TS_2050	820102,1555	9805688,56	-60,1232	-1,75576
TS_2100	820149,1401	9805705,661	-60,12277	-1,75561
TS_2150	820196,1248	9805722,762	-60,12235	-1,75545
TS_2200	820243,1094	9805739,863	-60,12193	-1,7553
TS_2250	820290,094	9805756,964	-60,12151	-1,75514
TS_2300	820337,0787	9805774,065	-60,12109	-1,75499
TS_2350	820384,0633	9805791,166	-60,12067	-1,75483
TS_2400	820431,0479	9805808,267	-60,12024	-1,75468
TS_2450	820478,0326	9805825,368	-60,11982	-1,75452
TS_2500	820525,0172	9805842,469	-60,1194	-1,75437
TS_2550	820572,0018	9805859,57	-60,11898	-1,75421
TS_2600	820618,9864	9805876,671	-60,11856	-1,75406
TS_2650	820665,9711	9805893,772	-60,11814	-1,7539
TS_2700	820712,9557	9805910,873	-60,11771	-1,75374
TS_2750	820759,9403	9805927,974	-60,11729	-1,75359
TS_2800	820806,925	9805945,075	-60,11687	-1,75343
TS_2850	820853,9096	9805962,176	-60,11645	-1,75328
TS_2900	820900,8942	9805979,277	-60,11603	-1,75312
TS_2950	820947,8789	9805996,378	-60,11561	-1,75297
TS_3000	820994,8635	9806013,479	-60,11518	-1,75281
TS_3050	821041,8481	9806030,58	-60,11476	-1,75266
TS_3100	821088,8328	9806047,681	-60,11434	-1,7525
TS_3150	821135,8174	9806064,782	-60,11392	-1,75235
TS_3200	821182,802	9806081,883	-60,1135	-1,75219
TS_3250	821229,7867	9806098,984	-60,11308	-1,75204
TS_3300	821276,7713	9806116,085	-60,11265	-1,75188
TS_3350	821323,7559	9806133,186	-60,11223	-1,75173
TS_3400	821370,7405	9806150,287	-60,11181	-1,75157
TS_3450	821417,7252	9806167,388	-60,11139	-1,75142
TS_3500	821464,7098	9806184,489	-60,11097	-1,75126

TS_3550	821511,6944	9806201,59	-60,11055	-1,75111
TS_3600	821558,6791	9806218,691	-60,11012	-1,75095
TS_3650	821605,6637	9806235,792	-60,1097	-1,7508
TS_3700	821652,6483	9806252,893	-60,10928	-1,75064
TS_3750	821699,633	9806269,994	-60,10886	-1,75049
TS_3800	821746,6176	9806287,095	-60,10844	-1,75033
TS_3850	821793,6022	9806304,196	-60,10802	-1,75018
TS_3900	821840,5869	9806321,297	-60,10759	-1,75002
TS_3950	821887,5715	9806338,398	-60,10717	-1,74987
TS_4000	821934,5561	9806355,499	-60,10675	-1,74971
TS_4050	821981,5407	9806372,6	-60,10633	-1,74956
TS_4100	822028,5254	9806389,701	-60,10591	-1,7494
TS_4150	822075,51	9806406,802	-60,10549	-1,74924
TS_4200	822122,4946	9806423,903	-60,10506	-1,74909
TS_4250	822169,4793	9806441,004	-60,10464	-1,74893
TS_4300	822216,4639	9806458,105	-60,10422	-1,74878
TS_4350	822263,4485	9806475,206	-60,1038	-1,74862
TS_4400	822310,4332	9806492,307	-60,10338	-1,74847
TS_4450	822357,4178	9806509,408	-60,10296	-1,74831
TS_4500	822404,4024	9806526,509	-60,10253	-1,74816
TS_4550	822451,3871	9806543,61	-60,10211	-1,748
TS_4600	822498,3717	9806560,711	-60,10169	-1,74785
TS_4650	822545,3563	9806577,812	-60,10127	-1,74769
TS_4700	822592,341	9806594,913	-60,10085	-1,74754
TS_4750	822639,3256	9806612,014	-60,10043	-1,74738
TS_4800	822686,3102	9806629,115	-60,1	-1,74723
TS_4850	822733,2948	9806646,216	-60,09958	-1,74707
TS_4900	822780,2795	9806663,317	-60,09916	-1,74692
TS_4950	822827,2641	9806680,418	-60,09874	-1,74676
TS_5000	822874,2487	9806697,519	-60,09832	-1,74661
TO_50	817850,8665	9805880,126	-60,14341	-1,75406
TO_100	817867,9675	9805833,142	-60,14326	-1,75449
TO_150	817885,0685	9805786,157	-60,14311	-1,75491
TO_200	817902,1695	9805739,172	-60,14295	-1,75534
TO_250	817919,2705	9805692,188	-60,1428	-1,75576
TO_300	817936,3715	9805645,203	-60,14264	-1,75618
TO_350	817953,4725	9805598,219	-60,14249	-1,75661
TO_400	817970,5735	9805551,234	-60,14233	-1,75703
TO_450	817987,6746	9805504,249	-60,14218	-1,75746
TO_500	818004,7756	9805457,265	-60,14203	-1,75788
TO_550	818021,8766	9805410,28	-60,14187	-1,75831
TO_600	818038,9776	9805363,295	-60,14172	-1,75873
TO_650	818056,0786	9805316,311	-60,14156	-1,75915
TO_700	818073,1796	9805269,326	-60,14141	-1,75958
TO_750	818090,2806	9805222,341	-60,14126	-1,76
TO_800	818107,3816	9805175,357	-60,1411	-1,76043
TO_850	818124,4826	9805128,372	-60,14095	-1,76085
TO_900	818141,5836	9805081,388	-60,14079	-1,76128
TO_950	818158,6846	9805034,403	-60,14064	-1,7617
TL_50	822549,3296	9807590,227	-60,10125	-1,73855
TL_100	822566,4306	9807543,242	-60,10109	-1,73897
TL_150	822583,5316	9807496,258	-60,10094	-1,73939
TL_200	822600,6326	9807449,273	-60,10079	-1,73982
TL_250	822617,7336	9807402,288	-60,10063	-1,74024
TL_300	822634,8346	9807355,304	-60,10048	-1,74067
TL_350	822651,9356	9807308,319	-60,10032	-1,74109
TL_400	822669,0367	9807261,335	-60,10017	-1,74152
TL_450	822686,1377	9807214,35	-60,10001	-1,74194

TL_500	822703,2387	9807167,365	-60,09986	-1,74236
TL_550	822720,3397	9807120,381	-60,09971	-1,74279
TL_600	822737,4407	9807073,396	-60,09955	-1,74321
TL_650	822754,5417	9807026,411	-60,0994	-1,74364
TL_700	822771,6427	9806979,427	-60,09924	-1,74406
TL_750	822788,7437	9806932,442	-60,09909	-1,74449
TL_800	822805,8447	9806885,458	-60,09894	-1,74491
TL_850	822822,9457	9806838,473	-60,09878	-1,74533
TL_900	822840,0467	9806791,488	-60,09863	-1,74576
TL_950	822857,1477	9806744,504	-60,09847	-1,74618