

	ESTACAO	LAT	LON	EPOCA	D	I	H	F	X
1	ACARAU	-2.887	-40.111	2003,933	-21,357	-9,687	25995	26372	24210
2	ALEGRETE	-29.803	-55.762	1914,4	6,697	-23,117	23632	25696	23471
	ALEGRETE	-29.803	-55.762	1965,359	-5,697	-27,533	21704	24477	21597
	ALEGRETE	-29.814	-55.893	2000,613	-12,413	-36,729	18979	23681	18536
	ALEGRETE	-29.814	-55.893	2004,916	-13,149	-37,507	18210	22956	17732
	ALEGRETE	-29.814	-55.893	2018,883	-18,226	-40,817	17554	23195	16921
3	ALTA FLORI	-9.867	-56.100	1989,473	-13,958	0,229	25453	25454	24702
	ALTA FLORI	-9.867	-56.100	1989,473	-13,958	0,229	25453	25454	24702
	ALTA FLORI	-9.871	-56.106	2004,421	-16,225	-4,348	24694	24766	23711
	ALTA FLORI	-9.871	-56.106	2019,757	-18,226	-10,05	23775	24146	22582
4	ALTAMIRA	-3.208	-52.200	1923,369	-8,015	21,298	28862	30978	28580
	ALTAMIRA	-3.200	-52.217	1976,927	-15,281	12,781	27384	28080	26416
	ALTAMIRA	-3.250	-52.252	1984,557	-16,28	10,373	27193	27645	26102
	ALTAMIRA	-3.200	-52.217	1984,557	-16,545	10,59	27091	27561	25969
	ALTAMIRA	-3.250	-52.252	1988,572	-16,781	9,199	27017	27370	25867
	ALTAMIRA	-3.251	-52.252	2004,468	-18,402	4,153	26435	26505	25083
	ALTAMIRA	-3.255	-52.247	2019,727	-19,554	-2,461	25784	25792	24297
5	ALTO PARA	-14.515	-56.495	1954,619	-6,907	-0,949	26267	26271	26076
	ALTO PARA	-14.515	-56.495	1959,687	-7,616	-1,718	25963	25975	25734
	ALTO PARA	-14.515	-56.495	1963,659	-8,515	-2,141	25685	25703	25401
	ALTO PARA	-14.515	-56.495	1975,489	-10,277	-4,118	24901	24966	24502
	ALTO PARA	-14.515	-56.495	1986,208	-12,067	-6,624	24321	24485	23784
	ALTO PARA	-14.525	-56.487	2004,416	-14,914	-11,338	23235	23698	22452
6	AMAPA (AF	2.080	-50.858	1952,078	-13,104	25,774	29059	32270	28302
	AMAPA (AF	2.080	-50.858	1958,416	-13,401	24,402	28983	31827	28194
	AMAPA (AF	2.073	-50.863	1965,619	-14,538	22,943	28739	31208	27819
	AMAPA (AF	2.073	-50.863	1977,739	-15,958	20,079	28259	30088	27170
	AMAPA (AF	2.073	-50.863	1984,619	-16,753	18,065	28086	29543	26894
	AMAPA (AF	2.073	-50.863	1988,473	-17,149	16,958	27964	29236	26721
	AMAPA (AF	2.074	-50.860	2004,484	-18,35	11,935	27567	28177	26165
	AMAPA (AF	2.074	-50.860	2009,527	-18,596	10,258	27453	27899	4968
7	ARACAJU (S	-10.900	-37.083	1903,947	-14,217	2,183	27397	27417	26557
	ARACAJU (S	-10.900	-37.083	1923,409	-17,016	-1,366	27030	27038	25847
	ARACAJU (S	-10.930	-37.052	1957,447	-20,249	-9,899	25677	26066	24090
	ARACAJU (S	-10.930	-37.052	1963,296	-20,833	-11,765	25329	25873	23673
	ARACAJU (S	-10.930	-37.052	1975,145	-21,753	-15,678	24539	25488	22792
	ARACAJU (S	-10.985	-37.074	1983,218	-22,353	-18,94	23983	25356	22181
	ARACAJU (S	-10.985	-37.074	1988,223	-22,527	-20,777	23664	25310	21858
	ARACAJU (S	-10.985	-37.074	2001,311	-22,76	-25,819	22629	25139	20867
	ARACAJU (S	-10.985	-37.074	2006,587	-22,804	-27,704	22245	25125	-11681
	ARACAJU (S	-10.985	-37.074	2014,724	-23,196	-30,354	21691	25137	19938
8	ARACUAI (F	-16.872	-42.047	1954,588	-17,197	-14,449	24326	25121	23238
	ARACUAI (F	-16.872	-42.047	1959,279	-17,881	-15,715	24013	24946	22853
	ARACUAI (F	-16.872	-42.047	1963,529	-18,541	-16,767	23763	24819	22530
	ARACUAI (F	-16.830	-42.043	1974,921	-19,652	-19,947	23007	24476	21667
	ARACUAI (F	-16.830	-42.043	1989,276	-21,35	-24,863	21950	24193	20444
	ARACUAI (F	-16.852	-42.046	1999,91	-22,045	-28,34	21097	23971	19555
	ARAÍUAI C	-16.851	-42.046	2014,93	-23,309	-33,565	19930	23918	18303
9	ARRAIAS (C	-12.947	-46.933	1954,25	-14,486	-3,894	25939	26000	25115

	ARRAIAS (C	-12.947	-46.933	1960,567	-15,276	-5,328	25574	25685	24670
	ARRAIAS (C	-12.947	-46.933	1964,307	-15,883	-6,085	25371	25515	24402
	ARRAIAS (C	-12.932	-46.948	1974,885	-17,357	-9,012	24716	25025	23590
	ARRAIAS (C	-13.023	-46.885	1986,744	-18,985	-12,847	23994	24611	22689
	ARRAIAS (C	-12.931	-46.947	2001,39	-20,451	-17,663	23086	24229	21631
	ARRAIAS	-13.026	-46.885	2007,51	-21,094	-19,858	22645	24077	-8179
10	ARUANA (C	-14.917	-51.067	1915,399	-5,73	0,266	26724	26725	26591
	ARUANA (C	-14.927	-51.092	1954,697	-11,343	-4,671	25684	25770	25182
	ARUANA (C	-14.927	-51.092	1960,619	-12,225	-5,861	25236	25369	24664
	ARUANA (C	-14.927	-51.092	1964,328	-12,883	-6,467	25114	25275	24481
	ARUANA (C	-14.927	-51.092	1973,276	-14,305	-8,35	24524	24787	23763
	ARUANA (C	-14.926	-51.081	1986,681	-16,378	-12,067	23777	24315	22812
	ARUANA (C	-14.933	-51.051	2004,222	-18,569	-17,475	22624	23719	21446
11	ATIBAIA (SF	-23.131	-46.575	2000,177	-19,475	-31,777	19588	23043	18468
	ATIBAIA (SF	-23.131	-46.575	2017,909	-21,383	-37,438	18057	22741	16814
12	BACABAL (I	-4.229	-44.821	2003,922	-20,937	-6,232	26464	26622	24717
13	BAGE (RS) /	-31.274	-54.111	2004,906	-12,001	-36,347	18417	22866	18014
14	BALSAS (M.	-7.497	-46.024	2003,921	-20,75	-10,642	24740	25173	23135
15	BAMBUI (M	-20.005	-45.977	1928,218	-10,932	-11,765	24885	25419	24433
	BAMBUI (M	-20.008	-45.978	1954,139	-14,133	-16,232	23720	24705	23002
	BAMBUI (M	-20.008	-45.978	1959,197	-14,847	-17,381	23411	24532	22630
	BAMBUI (M	-20.008	-45.978	1963,447	-15,512	-18,333	23146	24384	22303
	BAMBUI (M	-20.042	-45.977	1970,399	-16,625	-19,843	22646	24076	21699
	BAMBUI (M	-20.036	-45.972	1978,046	-17,603	-21,868	22164	23883	21126
	BAMBUI (M	-20.036	-45.972	2001,817	-20,486	-29,149	20413	23374	19122
	BAMBUI (M	-20.036	-45.973	2017,92	-22,003	-34,697	19035	23153	17649
16	BARBALHA	-7.310	-39.395	1983,088	-21,607	-10,432	25406	25834	23621
	BARBALHA	-7.310	-39.395	1988,15	-21,857	-12,432	25086	25689	23283
	BARBALHA	-7.303	-39.271	2014,905	-22,312	-22,787	23454	25439	21539
17	BARCELOS	-0.970	-62.883	1913,609	0,666	23,517	29931	32643	29929
	BARCELOS	-0.970	-62.883	1924,088	-1,082	25	29788	32868	29783
	BARCELOS	-0.972	-62.900	1924,098	-1,067	25	29775	32854	29770
	BARCELOS	-0.970	-62.883	1932,109	-2,282	25,666	29646	32892	29623
	BARCELOS	-0.982	-62.918	1984,729	-9,387	20,666	27727	29634	27355
	BARCELOS	-0.980	-62.922	2005,861	-12,522	16,575	26905	28071	8008
18	BARRA DO	-33.753	-53.367	1953,838	-4,552	-30,499	21706	25192	21637
	BARRA DO	-33.753	-53.367	1960,036	-5,386	-31,266	21221	24827	21127
	BARRA DO	-33.753	-53.367	1965,029	-6,282	-31,923	20955	24690	20830
	BARRA DO	-33.753	-53.367	1965,379	-6,289	-31,808	20903	24597	20777
	BARRA DO	-33.753	-53.367	1974,239	-7,643	-33,138	20188	24110	20009
	BARRA DO	-33.753	-53.367	1982,291	-8,894	-34,568	19617	23824	19382
	BARRA DO	-33.753	-53.367	1986,9	-9,494	-35,573	19207	23615	18944
	BARRA DO	-33.742	-53.372	2000,598	-11,175	-37,984	18263	23172	17917
	BARRA DO	-33.742	-53.372	2004,925	-11,902	-38,729	18012	23089	17624
	BARRA DO	-33.742	-53.372	2009,84	-12,5	-39,555	17666	22913	-14592
19	BARRA DO	-5.502	-45.217	2003,921	-20,864	-8,22	25365	25629	23702
20	BARRA DO	-11.090	-43.157	1911,458	-11,333	4,381	27229	27309	26698
	BARRA DO	-11.100	-43.150	1954,427	-17,099	-3,433	26242	26290	25082
	BARRA DO	-11.100	-43.150	1960,708	-17,899	-5,149	25915	26021	24661
	BARRA DO	-11.100	-43.150	1964,859	-18,527	-6,353	25700	25859	24368

	BARRA DO	-11.088	-43.270	1975,786	-19,686	-9,593	24936	25290	23478
	BARRA DO	-11.088	-43.270	1989,317	-21,135	-14,581	24043	24844	22426
	BARRA DO	-11.078	-43.144	2001,362	-21,947	-18,826	23283	24599	21595
	BARRA DO	-11.078	-43.144	2006,666	-22,17	-20,77	22921	24514	-8693
21	BARREIRAS	-12.102	-44.993	1943,5	-14,399	-1,399	26518	26526	25685
	BARREIRAS	-12.102	-44.993	1951,838	-15,399	-3,381	26131	26177	25193
	BARREIRAS	-12.150	-45.002	1951,848	-15,383	-3,516	26102	26152	25167
	BARREIRAS	-12.102	-44.993	1954,218	-15,732	-3,799	26006	26064	25032
	BARREIRAS	-12.102	-44.993	1960,557	-16,631	-5,399	25640	25755	24568
	BARREIRAS	-12.102	-44.993	1964,296	-17,131	-6,453	25474	25637	24344
	BARREIRAS	-12.102	-44.993	1972,588	-18,156	-8,845	24932	25233	23691
	BARREIRAS	-12.102	-44.993	1984,14	-19,669	-12,687	24258	24866	22843
	BARREIRAS	-12.079	-45.002	1989,338	-20,17	-14,456	23857	24638	22394
	BARREIRAS	-12.079	-45.002	2001,385	-21,259	-18,582	23153	24427	21578
	BARREIRAS	-12.079	-45.002	2008,651	-22,191	-21,238	22671	24323	-8811
22	BELO HORI	-19.913	-43.985	1928,088	-12,383	-12,467	24829	25429	24251
	BELO HORI	-19.913	-43.985	1952,52	-15,567	-16,933	23813	24893	22940
	BELO HORI	-19.913	-43.985	1953,348	-15,682	-17,131	23745	24848	22861
	BELO HORI	-19.913	-43.985	1953,468	-15,666	-17,1	23778	24878	22894
	BELO HORI	-19.913	-43.985	1953,609	-15,781	-17,131	23772	24876	22876
	BELO HORI	-19.913	-43.985	1957,187	-16,215	-18,033	23492	24706	22557
	BELO HORI	-19.913	-43.985	1957,187	-16,315	-17,815	23500	24684	22554
	BELO HORI	-19.913	-43.985	1960,088	-16,783	-18,533	23312	24588	22319
	BELO HORI	-19.913	-43.985	1963,17	-17,149	-19,381	23177	24570	22147
	BELO HORI	-19.858	-43.963	1967,968	-17,927	-20,097	22865	24348	21755
	BELO HORI	-19.913	-44.003	1970,17	-18,152	-21,138	22725	24365	21594
	BELO HORI	-19.913	-44.003	1978,239	-19,152	-23,156	22239	24188	21008
23	BENJAMIM	-4.393	-70.017	1932,536	2,815	18,968	30170	31903	30134
	BENJAMIM	-4.367	-70.005	1943,698	1,883	18,548	30039	31686	30023
	BENJAMIM	-4.367	-70.050	1952,28	1,1	18,1	29722	31270	29717
	BENJAMIM	-4.367	-70.022	1952,578	1,031	18,166	29689	31247	29684
	BENJAMIM	-4.367	-70.050	1958,5	0,316	17,881	29299	30787	29299
	BENJAMIM	-4.367	-70.050	1965,807	-0,365	17,684	28844	30275	28843
	BENJAMIM	-4.367	-70.050	1978,708	-2,93	17,058	28050	29341	28013
	BENJAMIM	-4.367	-70.050	1984,706	-3,858	16,61	27714	28921	27651
24	BOA VISTA	2.800	-60.678	1913,817	-1,498	29,232	29910	34275	29899
	BOA VISTA	2.800	-60.678	1932,239	-4,749	31,048	29497	34430	29396
	BOA VISTA	2.798	-60.700	1952,409	-7,348	30,561	29294	34020	29053
	BOA VISTA	2.800	-60.677	1952,409	-7,48	30,099	29598	34212	29346
	BOA VISTA	2.798	-60.700	1958,479	-8,116	29,447	29163	33490	28871
	BOA VISTA	2.798	-60.700	1965,578	-9,064	28,593	28862	32872	28502
	BOA VISTA	2.798	-60.700	1979,906	-11,008	26,468	28127	31421	27610
	BOA VISTA	2.825	-60.747	1979,906	-11,14	26,642	28589	31985	28050
	BOA VISTA	2.825	-60.747	1988,869	-12,569	24,95	28316	31231	27637
	BOA VISTA	2.825	-60.747	1995,875	-13,43	23,482	28114	30653	27345
	BOA VISTA	2.839	-60.689	2005,755	-14,828	21,404	27514	29552	10785
25	BOM JESUS	-13.250	-43.429	1911,489	-10,666	0,699	26681	26683	26220
	BOM JESUS	-13.243	-43.420	1954,389	-16,506	-7,217	25456	25660	24407
	BOM JESUS	-13.243	-43.420	1960,399	-17,409	-8,774	25143	25441	23991
	BOM JESUS	-13.243	-43.420	1964,119	-17,954	-9,824	24895	25266	23683

	BOM JESUS	-13.269	-43.417	1989,369	-20,805	-18,111	23275	24489	21758
	BOM JESUS	-13.260	-43.410	2001,364	-21,805	-22,201	22417	24213	20814
	BOM JESUS	-13.260	-43.410	2008,649	-22,27	-24,906	21909	24155	-10173
26	BOM JESUS	-9.029	-44.352	1990,151	-20,582	-10,295	24873	25280	23285
	BOM JESUS	-9.060	-44.368	2003,915	-21,444	-15,352	24003	24892	22342
27	BOTUCATU	-22.878	-48.438	1913,818	-5,9	-13,666	24780	25503	24649
	BOTUCATU	-22.878	-48.438	1923,79	-8,232	-14,682	24423	25248	24171
	BOTUCATU	-22.933	-48.468	1990,697	-17,611	-28	20434	23143	19476
	BOTUCATU	-22.933	-48.468	1996,197	-18,086	-29,221	20197	23143	19199
	BOTUCATU	-22.933	-48.468	2001,139	-18,559	-30,617	19834	23048	18803
	BOTUCATU	-22.933	-48.468	2006,223	-19,105	-32,16	19368	22878	-12178
28	BRASILIA (C	-15.948	-47.868	1999,899	-19,652	-21,082	22107	23693	20819
	BRASILIA (C	-15.948	-47.868	2003,687	-20,03	-22,266	21900	23665	20575
	BRASILIA (C	-15.948	-47.868	2004,224	-20,082	-22,427	21874	23664	20544
	BRASILIA (C	-15.948	-47.868	2006,677	-20,375	-23,168	21701	23604	-9287
	BRASILIA (C	-15.948	-47.868	2007,507	-20,442	-23,49	21627	23582	-9400
	BRASILIA (C	-15.948	-47.868	2008,591	-20,553	-23,834	21585	23598	-9534
29	CACERES (M	-18.068	-57.717	1914,519	-0,016	-1,215	26971	26978	26971
	CACERES (M	-16.062	-57.682	1928,75	-2,532	-1,299	26930	26937	26903
	CACERES (M	-16.067	-57.675	1954,639	-5,866	-3,898	25971	26032	25835
	CACERES (M	-16.067	-57.675	1959,687	-6,697	-4,513	25632	25712	25457
	CACERES (M	-16.067	-57.675	1963,677	-7,388	-4,848	25406	25498	25195
	CACERES (M	-16.080	-57.653	1975,5	-9,133	-6,769	24641	24814	24328
	CACERES (M	-16.080	-57.653	1984,816	-10,85	-8,772	24075	24360	23644
	CACERES (M	-16.080	-57.653	1992,697	-12,13	-10,571	23691	24101	23163
	CACERES (M	-16.076	-57.652	2002,946	-13,755	-13,088	23027	23642	22367
	CACERES (M	-16.080	-57.656	2006,886	-14,315	-14,073	22775	23479	-5709
30	CACHIMBO	-9.367	-54.900	1977,06	-12,628	2,95	25877	25912	25251
	CACHIMBO	-9.367	-54.900	1984,54	-14,06	1,047	25486	25491	24723
	CACHIMBO	-9.367	-54.900	1984,54	-14,137	1,059	25443	25448	24673
31	CACHOEIRO	-20.850	-41.170	1952,708	-17,166	-20,516	23138	24705	22107
	CACHOEIRO	-20.823	-41.137	1957,598	-17,749	-21,853	22863	24634	21775
	CACHOEIRO	-20.823	-41.137	1963,409	-18,589	-23,256	22412	24395	21243
	CACHOEIRO	-20.823	-41.137	1968,019	-19,193	-24,52	22108	24300	20879
	CACHOEIRO	-20.823	-41.137	1970,239	-19,513	-25,048	21972	24254	20710
	CACHOEIRO	-20.823	-41.137	1978,009	-20,416	-27,374	21391	24089	20047
	CACHOEIRO	-20.823	-41.137	1984,088	-21,135	-29,399	20852	23935	19450
	CACHOEIRO	-20.823	-41.137	1990,151	-21,562	-31,197	20405	23855	18977
	CACHOEIRO	-20.823	-41.137	2001,285	-22,364	-34,534	19462	23625	17998
	CACHOEIRO	-20.836	-41.188	2014,954	-23,398	-38,876	18338	23555	16830
32	CAMBE (PR	-23.248	-51.307	1953,557	-9,166	-18,131	23490	24718	23190
	CAMBE (PR	-23.248	-51.307	1959,166	-9,965	-19	23160	24495	22811
	CAMBE (PR	-23.248	-51.307	1965,029	-10,975	-19,777	22833	24265	22416
	CAMBE (PR	-23.248	-51.287	1975,921	-13,003	-21,663	21987	23659	21424
	CAMBE (PR	-23.248	-51.287	1981,909	-13,416	-23,892	21424	23432	20839
	CAMBE (PR	-23.248	-51.287	1986,838	-14,135	-25,325	20992	23224	20356
	CAMBE (PR	-23.287	-51.247	2000,687	-15,876	-28,61	20152	22955	19383
	CAMBE (PR	-23.287	-51.247	2005,479	-16,507	-29,945	19807	22859	18990
33	CAMBUQU	-21.853	-45.283	1956,41	-14,666	-19,881	22987	24444	22238
34	CAMBUQU	-21.853	-45.283	1959,5	-15,199	-20,666	22764	24330	21968

	CAMBUQU	-21.853	-45.283	1965,229	-16,093	-21,833	22445	24180	21566
	CAMBUQU	-21.853	-45.283	1968,046	-16,325	-22,451	22272	24099	21374
	CAMBUQU	-21.853	-45.283	1976,625	-17,708	-24,541	21767	23929	20735
35	CAMPO GR	-20.455	-54.742	1923,859	-3,216	-8,847	25506	25814	25466
	CAMPO GR	-20.455	-54.612	1943,5	-5,697	-10,949	25013	25477	24889
	CAMPO GR	-20.455	-54.612	1951,519	-6,716	-12,133	24486	25046	24318
	CAMPO GR	-20.447	-54.637	1951,529	-7,164	-11,798	24574	25105	24382
	CAMPO GR	-20.447	-54.637	1952,409	-7,296	-11,932	24499	25041	24301
	CAMPO GR	-20.455	-54.612	1952,416	-6,866	-12,265	24437	25008	24261
	CAMPO GR	-20.455	-54.612	1959,649	-7,914	-13,383	24017	24688	23788
	CAMPO GR	-20.450	-54.617	1976,055	-10,765	-15,557	23005	23880	22600
	CAMPO GR	-20.469	-54.670	1986,177	-12,659	-18,249	22412	23599	21867
	CAMPO GR	-20.450	-54.617	1986,18	-12,512	-18,086	22251	23408	21722
	CAMPO GR	-20.450	-54.617	1994,895	-14,057	-20,502	21894	23375	21238
	CAMPO GR	-20.447	-54.723	2002,894	-15,354	-22,554	21339	23107	20577
	CAMPO GR	-20.452	-54.728	2006,891	-15,901	-23,531	21128	23044	-9201
36	CAMPOS D	-21.758	-41.338	1915,51	-12,366	-14,649	24541	25366	23972
	CAMPOS D	-21.696	-41.480	2001,562	-22,176	-34,763	19299	23492	17871
37	CAMPINAS	-22.814	-47.047	2000,536	-18,809	-31,062	19663	22955	18613
38	CANANEIA	-25.031	-57.885	2005,405	-18,993	-34,515	18904	22941	-12999
39	CAPELINHA	-17.686	-42.532	2005,514	-22,093	-30,597	20512	23831	19006
40	CAPITAO P	-1.734	-47.057	2008,851	-20,055	-0,908	26612	26615	-425
41	CARAUARI	-4.878	-66.898	1978,656	-4,931	15,803	27665	28752	27562
	CARAUARI	-4.878	-66.895	1984,77	-5,947	15,001	27457	28426	27309
	CARAUARI	-4.878	-66.895	1988,88	-6,69	14,449	27277	28168	27091
	CARAUARI	-4.878	-66.895	1995,906	-7,881	13,293	26891	27632	26637
42	CARAVELAS	-17.740	-39.292	1923,437	-15,232	-11,531	25150	25669	24267
	CARAVELAS	-17.740	-39.292	1927,729	-15,866	-12,432	25034	25636	24081
	CARAVELAS	-17.740	-39.292	1943,5	-17,416	-15,265	24495	25391	23372
	CARAVELAS	-17.740	-39.292	1947,369	-17,833	-16,368	24241	25265	23076
	CARAVELAS	-17.740	-39.292	1951,968	-18,381	-17,533	23887	25051	22668
	CARAVELAS	-17.633	-39.255	1951,979	-18,381	-17,197	23974	25096	22750
	CARAVELAS	-17.633	-39.255	1954,489	-18,683	-17,833	23847	25051	22590
	CARAVELAS	-17.633	-39.255	1963,5	-19,916	-20,347	23247	24795	21857
	CARAVELAS	-17.633	-39.255	1972,921	-20,892	-23,003	22603	24556	21117
	CARAVELAS	-17.637	-39.255	1984,119	-22,069	-26,958	21709	24356	20118
	CARAVELAS	-17.636	-39.252	1989,27	-22,548	-28,527	21341	24291	19710
	CARAVELAS	-17.636	-39.252	2001,296	-23,079	-32,458	20300	24059	18675
	CARAVELAS	-17.652	-39.249	2014,94	-23,793	-37,16	19153	24032	17525
43	CAROLINA	-7.335	-47.470	1931,909	-12,031	10,699	28036	28533	27421
	CAROLINA	-7.285	-47.472	1952,067	-14,449	7,065	27576	27787	26703
	CAROLINA	-7.285	-47.470	1952,078	-14,416	7,197	27579	27799	26711
	CAROLINA	-7.285	-47.472	1954,769	-14,798	6,499	27499	27677	26587
	CAROLINA	-7.285	-47.472	1961,279	-15,765	4,947	27193	27295	26170
	CAROLINA	-7.285	-47.472	1964,328	-16,131	4,217	27039	27113	25975
	CAROLINA	-7.317	-47.442	1970,759	-16,951	2,45	26671	26696	25512
	CAROLINA	-7.317	-47.442	1976,711	-17,6	0,869	26311	26315	25080
	CAROLINA	-7.317	-47.442	1986,618	-18,929	-2,562	25844	25870	24446
	CAROLINA	-7.317	-47.442	1993,727	-19,572	-4,991	25510	25608	24036
	CAROLINA	-7.320	-47.453	2003,707	-20,458	-8,612	24937	25222	23364

44	CATALAO	-18.180	-47.883	1915,286	-8,166	-5,966	25625	25765	25365
	CATALAO	-18.180	-47.883	1925,817	-9,883	-7,282	25431	25638	25053
	CATALAO	-18.180	-47.917	1925,817	-9,916	-7,263	25396	25602	25017
	CATALAO	-18.180	-47.883	1933,659	-11,064	-8,248	25231	25495	24762
	CATALAO	-18.180	-47.917	1933,659	-11,083	-8,232	25233	25496	24762
	CATALAO	-18.165	-47.933	1933,666	-11,015	-8,166	25283	25542	24817
	CATALAO	-18.165	-47.933	1954,296	-13,564	-11,765	24341	24864	23662
	CATALAO	-18.165	-47.933	1959,218	-14,248	-12,847	24047	24665	23307
	CATALAO	-18.165	-47.933	1963,588	-15,078	-13,675	23782	24476	22963
	CATALAO	-18.165	-47.933	1967,889	-15,64	-14,576	23509	24291	22638
	CATALAO	-18.158	-47.930	1974,677	-16,812	-16,43	23037	24018	22052
	CATALAO	-18.158	-47.930	1996,218	-19,811	-22,968	21546	23402	20271
	CATALAO	-18.158	-47.930	2002,729	-20,125	-24,913	21105	23271	19816
	CATALAO	-18.158	-47.930	2008,583	-20,554	-26,942	20680	23199	-10513
45	CATANDUV	-21.148	-48.985	1956,338	-11,949	-16,433	23519	24521	23009
	CATANDUV	-21.148	-48.985	1959,598	-12,465	-17,197	23295	24386	22746
	CATANDUV	-21.148	-48.985	1964,649	-13,314	-18,048	23033	24225	22413
	CATANDUV	-21.148	-48.980	1970,786	-14,373	-19,433	22603	23969	21896
	CATANDUV	-21.148	-48.980	1978,109	-15,364	-21,106	22129	23721	21338
	CATANDUV	-21.148	-48.980	1981,942	-16,059	-22,246	21831	23587	20979
	CATANDUV	-21.148	-48.980	1986,828	-16,628	-23,627	21511	23480	20612
	CATANDUV	-21.148	-48.980	1996,211	-17,742	-26,294	20798	23199	19809
	CATANDUV	-21.148	-48.980	2002,744	-18,576	-28,058	20369	23082	19308
	CATANDUV	-21.148	-48.980	2007,817	-19,254	-29,542	19973	22957	-11320
	Catanduva	-21.147	-48.987	2018,913	-235,317	-33,789	18955	22807	17751
46	CHAPADINI	-3.771	-43.389	2006,642	-21,024	-8,181	25777	26043	-3706
47	CODAJAS (A	-3.875	-62.063	2005,802	-12,887	11,164	26244	26750	5173
48	CONCEICA	-8.258	-49.283	1915,519	-7,848	11,314	28016	28572	27754
	CONCEICA	-8.259	-49.255	1954,75	-13,465	6,116	27346	27503	26594
	CONCEICA	-8.259	-49.255	1961,269	-14,366	4,763	27059	27153	26213
	CONCEICA	-8.259	-49.255	1964,259	-14,814	4,032	26905	26972	26010
	CONCEICA	-8.259	-49.255	1970,729	-15,746	2,536	26553	26580	25557
	CONCEICA	-8.259	-49.255	1976,713	-16,472	0,958	26150	26154	25077
	CONCEICA	-8.258	-49.283	1986,659	-17,881	-2,256	25676	25696	24435
	CONCEICA	-8.259	-49.255	1986,659	-18,131	-2,269	25633	25654	24361
	CONCEICA	-8.349	-49.307	2003,703	-19,933	-8,055	24724	24971	23243
	CONCEICA	-8.349	-49.307	2019,713	-21,221	-14,677	23791	24593	22218
49	CONCEICA	-18.562	-39.730	2007,825	-23,44	-35,175	19549	23916	-13777
50	CORUMBA	-19.000	-57.655	1904,65	2,381	-6,5	26557	26729	26534
	CORUMBA	-19.000	-57.650	1913,958	0,34	-6,421	26559	26727	26558
	CORUMBA	-18.990	-57.650	1914,479	0,449	-6,241	26269	26426	26268
	CORUMBA	-19.002	-57.655	1923,879	-1,215	-6,296	26367	26527	26361
	CORUMBA	-19.000	-57.650	1925,598	-1,565	-6,414	26134	26299	26124
	CORUMBA	-18.997	-57.655	1928,869	-2,098	-6,499	26058	26227	26040
	CORUMBA	-19.000	-57.650	1939,5	-3,516	-7,399	25865	26083	25817
	CORUMBA	-19.000	-57.655	1943,5	-4	-7,833	25696	25939	25634
	CORUMBA	-19.000	-57.650	1943,5	-4,013	-7,899	25693	25940	25630
	CORUMBA	-19.000	-57.655	1951,557	-4,914	-8,949	25203	25514	25110
	CORUMBA	-19.000	-57.650	1952,437	-5,083	-8,916	25162	25470	25063
	CORUMBA	-19.000	-57.655	1952,447	-5,083	-9,031	25189	25506	25090

	CORUMBA	-18.998	-57.655	1966,479	-7,276	-10,571	24349	24770	24153
	CORUMBA	-19.000	-57.665	1976,009	-8,776	-12,064	23724	24260	23446
	CORUMBA	-19.000	-57.665	1986,187	-10,699	-14,137	23153	23877	22751
	CORUMBA	-19.012	-57.662	2001,762	-13,088	-17,77	22241	23356	21663
51	COSTA MA	-12.422	-64.252	1992,67	-7,98	-0,569	25183	25185	24939
	COSTA MA	-12.419	-64.251	2002,91	-9,708	-2,438	24558	24581	24207
	COSTA MA	-12.419	-64.251	2006,878	-10,411	-3,119	24358	24394	-1326
52	COXIM (M	-18.474	-54.716	2007,573	-16,236	-20,542	21568	23033	-8082
53	CRATEUS	-5.213	-40.706	2003,939	-21,735	-13,38	25135	25837	23348
	CRATEUS	-5.213	-40.706	2014,672	-21,835	-17,64	24659	25875	22890
54	CRATO	-7.223	-39.410	1952,848	-19,033	0,048	27203	27204	25716
	CRATO	-7.223	-39.410	1960,848	-19,815	-2,447	26855	26880	25265
	CRATO	-7.223	-39.410	1963,859	-20,096	-3,426	26673	26721	25049
	CRATO	-7.223	-39.412	1972,614	-20,898	-6,221	26223	26379	24498
	CRATO	-7.320	-39.310	1983,088	-21,607	-10,428	25407	25834	23621
	CRATO	-7.220	-39.410	1983,088	-21,697	-10,279	25571	25989	23760
	CRATO	-7.320	-39.310	1988,145	-21,856	-12,432	25086	25689	23283
	CRATO	-7.220	-39.410	1988,227	-21,937	-12,213	25283	25869	23452
	CRATO	-7.231	-39.415	2001,353	-22,357	-17,128	24456	25591	22617
55	CRICIUMA	-28.725	-49.423	2000,677	-16,18	-35,847	18618	22969	17880
	CRICIUMA	-28.725	-49.423	2005,435	-16,763	-37,105	18202	22824	17429
56	CRUZEIRO	-7.637	-72.670	1958,529	2,683	11,281	29097	29671	29065
	CRUZEIRO	-7.637	-72.670	1965,848	1,824	11,277	28662	29227	28648
	CRUZEIRO	-7.620	-72.670	1978,64	-0,035	11,026	27835	28359	27835
	CRUZEIRO	-7.599	-72.770	1986,279	-1,343	10,685	27402	27886	27394
	CRUZEIRO	-7.599	-72.770	1989,503	-1,847	10,468	27222	27683	27208
	CRUZEIRO	-7.599	-72.770	1995,869	-2,901	9,951	26930	27342	26896
57	CUIABA	-15.657	-56.123	1904,51	0,532	-0,683	27164	27166	27162
	CUIABA	-15.657	-56.123	1925,64	-3,582	-0,648	26886	26888	26833
	CUIABA	-15.657	-56.123	1925,65	-3,565	-0,683	26893	26895	26841
	CUIABA	-15.657	-56.123	1925,67	-3,565	-0,648	26884	26886	26832
	CUIABA	-15.657	-56.123	1928,66	-4,083	-0,767	26847	26850	26779
	CUIABA	-15.657	-56.123	1943,53	-6	-2,098	26586	26604	26440
	CUIABA	-15.657	-56.123	1951,598	-6,947	-3,433	26133	26180	25941
	CUIABA	-15.657	-56.123	1951,598	-6,933	-3,131	26075	26114	25884
	CUIABA	-15.657	-56.123	1952,458	-7,065	-3,217	26021	26063	25824
	CUIABA	-15.657	-56.123	1959,67	-8,05	-4,3	25495	25567	25243
	CUIABA	-15.657	-56.123	1963,65	-8,866	-4,8	25392	25482	25089
	CUIABA	-15.657	-56.123	1975,515	-10,71	-6,914	24629	24810	24200
58	CURITIBA	-25.400	-49.200	1943,369	-9,347	-20,433	23451	25026	23140
	CURITIBA	-25.392	-49.232	1951,229	-10,383	-21,766	22900	24658	22525
	CURITIBA	-25.415	-49.228	1951,229	-10,515	-21,399	22764	24450	22382
	CURITIBA	-25.392	-49.232	1953,567	-10,616	-22,149	22821	24640	22431
	CURITIBA	-25.392	-49.232	1961,166	-11,932	-23,416	22345	24351	21862
	CURITIBA	-25.415	-49.228	1965,057	-12,696	-23,697	21924	23943	21388
	CURITIBA	-25.517	-49.167	1976,149	-14,597	-27,294	20976	23604	20298
	CURITIBA	-25.517	-49.167	1982,187	-15,97	-28,579	20553	23405	19760
	CURITIBA	-25.517	-49.167	1986,92	-16,635	-30,19	20182	23349	19337
	CURITIBA	-25.517	-49.167	1991,842	-17,288	-31,381	19852	23254	18955
	CURITIBA	-25.525	-49.182	2000,687	-18,642	-33,784	19336	23265	18321

	CURITIBA	-25.525	-49.182	2007,754	-19,525	-35,475	18868	23169	-13446
59	CURVELO	-18.785	-44.459	2003,89	-21,481	-30,003	20477	23646	19054
	CURVELO	-18.747	-44.452	2017,947	-22,513	-34,777	19279	23471	17810
60	DIAMANTII	-18.245	-43.598	1928,009	-12,932	-10,449	25143	25568	24506
	DIAMANTII	-18.253	-43.602	1954,098	-15,965	-15,399	23995	24889	23069
	DIAMANTII	-18.253	-43.602	1959,279	-16,749	-16,715	23662	24706	22658
	DIAMANTII	-18.253	-43.602	1963,166	-17,231	-17,562	23486	24635	22432
	DIAMANTII	-18.253	-43.602	1967,536	-17,798	-18,701	23207	24501	22096
	DIAMANTII	-18.253	-43.602	1975,562	-18,891	-20,833	22602	24184	21385
	DIAMANTII	-18.253	-43.602	1990,151	-20,461	-25,488	21626	23958	20261
	DIAMANTII	-18.233	-43.651	1990,151	-20,642	-25,534	21582	23919	20197
	DIAMANTII	-18.233	-43.652	1999,847	-21,427	-28,523	20867	23750	19425
	Diamantina	-18.233	-43.650	2017,955	-22,769	-35,13	19294	23592	17790
61	DIRCEU AR	-9.348	-42.453	2006,661	-21,959	-19,065	23581	24950	-8150
62	DIVINOPO	-20.138	-44.888	1928,177	-11,883	-12,498	24708	25308	24178
	DIVINOPO	-20.162	-44.870	1954,119	-14,949	-17,215	23538	24642	22741
	DIVINOPO	-20.162	-44.870	1959,369	-15,531	-18,416	23151	24401	22306
	DIVINOPO	-20.162	-44.870	1963,458	-16,364	-19,333	22936	24307	22007
	DIVINOPO	-20.162	-44.870	1970,129	-17,399	-20,933	22500	24090	21470
	DIVINOPO	-20.162	-44.870	1978,057	-18,375	-22,968	22008	23904	20886
	DIVINOPO	-20.162	-44.870	1984,16	-19,444	-24,856	21595	23800	20363
	DIVINOPO	-20.162	-44.870	1990,151	-19,861	-26,791	21044	23575	19792
	DIVINOPO	-20.174	-44.873	1999,838	-20,784	-29,69	20291	23358	18971
	DIVINOPO	-20.162	-44.870	2004,229	-21,177	-30,968	20021	23350	18669
63	EIRUNEPE	-6.662	-69.870	1978,645	-2,266	13,031	27667	28399	27646
	EIRUNEPE	-6.667	-69.917	1984,776	-3,154	12,571	27286	27957	27245
	EIRUNEPE	-6.667	-69.917	1988,89	-3,868	12,119	27130	27749	27068
64	EPITACIO	-11.017	-68.733	1992,63	-4,4	3,335	26073	26118	25996
	EPITACIO	-11.029	-68.739	2002,924	-6,123	2,071	25490	25507	25344
	EPITACIO	-11.040	-68.727	2006,864	-6,714	0,155	25223	25232	683
65	FEIRA SAN	-12.197	-38.975	2003,901	-23,311	-26,965	22115	24813	20310
66	FERNANDC	-3.840	-32.408	1917,078	-18,333	7,447	29002	29249	27530
	FERNANDC	-3.860	-32.430	1952,25	-21,541	-0,333	27712	27713	25776
	FERNANDC	-3.860	-32.430	1952,546	-21,614	-0,199	27429	27430	25501
	FERNANDC	-3.850	-32.417	1988,17	-22,062	-13,602	25987	26737	24084
	FERNANDC	-3.850	-32.417	1988,17	-21,166	-18,111	25424	26750	23709
67	FLORIANO	-6.773	-43.022	1930,279	-14,798	9,097	28030	28388	27101
	FLORIANO	-6.777	-43.035	1952,057	-17,065	4,499	27531	27617	26319
	FLORIANO	-6.777	-43.037	1952,057	-17,083	4,499	27512	27598	26299
	FLORIANO	-6.777	-43.035	1954,779	-17,364	3,733	27459	27518	26208
	FLORIANO	-6.777	-43.037	1963,848	-18,416	1,166	26959	26965	25578
	FLORIANO	-6.777	-43.037	1970,937	-19,201	-0,809	26635	26638	25153
	FLORIANO	-6.780	-43.040	1983,098	-20,468	-5,197	25855	25962	24222
	FLORIANO	-6.850	-43.080	1983,098	-20,479	-5,559	25804	25926	24173
	FLORIANO	-6.780	-43.040	1987,15	-20,67	-6,735	25712	25891	24057
	FLORIANO	-6.850	-43.080	1987,15	-20,777	-7,072	25675	25872	24005
	FLORIANO	-6.845	-43.078	1993,655	-21,145	-9,468	25264	25613	23563
	FLORIANO	-6.846	-43.077	2003,912	-21,603	-13,342	24705	25391	22970
68	FLORIANO	-27.597	-48.562	1913,416	-5,366	-19,666	24167	25665	24062
	FLORIANO	-27.613	-48.553	1953,796	-10,748	-24,965	22134	24416	21746

	FLORIANOF	-27.613	-48.553	1960,019	-11,798	-25,849	21368	23744	20916
	FLORIANOF	-27.613	-48.553	1965,177	-12,637	-26,701	21388	23941	20869
	FLORIANOF	-27.667	-48.548	1976,175	-14,689	-29,291	20740	23781	20062
	FLORIANOF	-27.667	-49.548	1986,92	-16,25	-32,073	19891	23474	19096
	FLORIANOF	-27.667	-49.548	1991,875	-16,607	-33,347	19480	23320	18667
	FLORIANOF	-27.664	-48.550	2000,681	-17,09	-35,185	18944	23179	18107
	FLORIANOF	-27.664	-48.550	2005,428	-18,433	-36,48	18515	23028	17565
	FLORIANOF	-27.664	-485.494	2018,825	-19,98	-401,083	17.426	22783	16377
69	FORMOSA	-15.540	-47.355	1959,529	-14,633	-9,383	24809	25146	24004
	FORMOSA	-15.540	-47.355	1963,557	-15,284	-10,265	24586	24986	23716
	FORMOSA	-15.540	-47.355	1967,779	-15,81	-11,182	24318	24789	23398
	FORMOSA	-15.540	-47.355	1974,781	-16,822	-13	23827	24454	22807
	FORMOSA	-15.540	-47.355	1985,114	-18,322	-16,274	23222	24192	22045
	FORMOSA	-15.552	-47.343	1999,885	-19,94	-20,951	22217	23790	20885
	FORMOSA	-15.552	-47.343	2008,588	-20,839	-23,512	21617	23634	-9555
70	FORTALEZA	-3.722	-38.500	1919,317	-16,416	13,465	29216	30042	28025
	FORTALEZA	-3.753	-38.568	1943,619	-18,732	8,149	28329	28618	26828
	FORTALEZA	-3.753	-38.568	1947,447	-18,982	7,065	28226	28442	26691
	FORTALEZA	-3.753	-38.568	1952,036	-19,381	5,664	28009	28147	26422
	FORTALEZA	-3.775	-38.533	1952,04	-19,312	5,393	28090	28215	26509
	FORTALEZA	-3.753	-38.568	1952,75	-19,416	5,447	28039	28167	26445
	FORTALEZA	-3.753	-38.568	1957,509	-19,773	3,858	27882	27946	26238
	FORTALEZA	-3.870	-38.410	1983,177	-21,559	-5,697	26585	26717	24725
	FORTALEZA	-3.870	-38.410	1988,197	-21,666	-7,605	26416	26651	24550
	FORTALEZA	-3.870	-38.410	1995,685	-21,805	-10,475	25986	26427	24127
	FORTALEZA	-3.878	-38.426	2001,348	-21,76	-12,571	25735	26368	23902
	FORTALEZA	-3.878	-38.426	2006,628	-21,723	-14,644	25430	26284	-6645
	FORTALEZA	-3.878	-38.426	2014,686	-21,403	-17,881	25039	26311	23312
71	FORTE PRIM	-12.430	-64.425	1952,328	-1,45	3,983	27346	27413	27338
	FORTE PRIM	-12.430	-64.425	1952,338	-1,508	3,325	27316	27363	27307
	FORTE PRIM	-12.430	-64.425	1958,55	-2,365	2,858	26957	26991	26934
72	FOZ DO IGL	-25.533	-54.567	1943,447	-4,631	-18,833	24063	25425	23985
	FOZ DO IGL	-25.533	-54.567	1951,276	-5,532	-19,961	23484	24986	23375
	FOZ DO IGL	-25.535	-54.585	1951,286	-5,491	-19,288	23380	24771	23273
	FOZ DO IGL	-25.535	-54.585	1953,577	-5,821	-19,513	23245	24662	23125
	FOZ DO IGL	-25.535	-54.585	1959,156	-6,71	-20,798	22783	24372	22627
	FOZ DO IGL	-25.535	-54.585	1965,036	-7,729	-20,909	22541	24131	22337
	FOZ DO IGL	-25.535	-54.585	1970,338	-9,022	-21,808	22052	23752	21779
	FOZ DO IGL	-25.597	-54.488	1982,208	-10,534	-24,697	21157	23288	20801
	FOZ DO IGL	-25.597	-54.488	1986,869	-11,324	-25,857	20898	23223	20491
	FOZ DO IGL	-25.597	-54.488	1991,942	-11,913	-27	20595	23115	20152
	FOZ DO IGL	-25.597	-54.488	1994,869	-12,425	-27,621	20361	22981	19885
	FOZ DO IGL	-25.595	-54.492	2000,66	-13,331	-28,857	20048	22891	19508
	FOZ DO IGL	-25.595	-54.492	2004,949	-13,652	-30,009	19640	22681	19085
	FOZ DO IGL	-25.595	-54.492	2008,894	-14,633	-31,121	19328	22579	-11671
73	GAUCHA D	-13.154	-53.253	2007,562	-7,983	-13,317	23167	23807	-5484
74	GAVIAO PE	-21.750	-48.403	2002,718	-19,179	-29,325	20166	23130	19046
	GAVIAO PE	-21.750	-48.403	2006,817	-19,643	-30,49	19813	22992	-11666
	GAVIAO PE	-21.750	-48.403	2008,744	-19,96	-30,65	19760	22969	-11710
75	GENERAL C	-15.727	-52.762	1976,753	-13,399	-9,423	24180	24511	23522

76	GOIANIA	-16.683	-49.267	1943,529	-10,894	-6,578	25585	25755	25124
	GOIANIA	-16.680	-49.300	1943,531	-10,678	-6,716	25565	25742	25122
	GOIANIA	-16.680	-49.300	1951,79	-11,737	-8,319	25083	25350	24558
	GOIANIA	-16.683	-49.267	1951,802	-11,902	-8,329	25079	25347	24540
	GOIANIA	-16.680	-49.300	1952,477	-11,88	-8,432	25066	25340	24529
	GOIANIA	-16.627	-49.227	1959,552	-13,069	-9,772	24602	24965	23965
	GOIANIA	-16.627	-49.227	1963,572	-13,795	-10,557	24378	24798	23675
	GOIANIA	-16.645	-49.227	1970,274	-14,916	-12,135	23952	24500	23145
	GOIANIA	-16.645	-49.227	1978,149	-16,055	-13,862	23490	24195	22574
	GOIANIA	-16.645	-49.227	1986,729	-17,311	-16,663	22854	23856	21819
	GOIANIA	-16.645	-49.227	1995,812	-18,416	-19,333	22313	23647	21170
	GOIANIA	-16.631	-49.228	2001,411	-19,184	-21,274	22018	23629	20796
77	GOVERNAC	-18.843	-41.942	1954,149	-17,083	-17,444	23636	24776	22593
	GOVERNAC	-18.510	-41.872	1961,098	-18,034	-19,183	23303	24673	22158
	GOVERNAC	-18.510	-41.872	1963,519	-18,399	-19,784	23187	24642	22002
	GOVERNAC	-18.877	-41.983	1970,197	-19,318	-21,663	22693	24418	21415
	GOVERNAC	-18.877	-41.983	1978,067	-20,232	-23,728	22149	24195	20783
	GOVERNAC	-18.877	-41.983	1984,098	-21,027	-25,847	21684	24095	20240
	GOVERNAC	-18.877	-41.983	1989,276	-21,461	-27,465	21321	24030	19843
	GOVERNAC	-18.890	-41.977	1999,911	-22,239	-30,819	20428	23787	18908
	GOVERNAC	-18.890	-41.977	2017,966	-23,413	-37,024	18888	23657	17333
78	GUAJARA M	-10.800	-65.333	1924,18	2,5	7,5	28674	28922	28647
	GUAJARA M	-10.800	-65.333	1932,438	1,25	8,05	28597	28882	28590
	GUAJARA M	-10.788	-65.282	1992,645	-7,432	3,546	25584	25634	25369
	GUAJARA M	-10.789	-65.283	2002,932	-9,107	1,825	25117	25130	24800
79	GUIRATING	-16.352	-53.755	1964,43	-10,637	-7,48	24849	25063	24422
	GUIRATING	-16.352	-53.755	1974,697	-12,229	-9,454	24166	24499	23617
80	IGARASSU,	-7.844	-34.893	2014,708	-22,275	-28,251	22889	25984	21181
81	ILHEUS	-14.818	-39.010	1957,416	-19,902	-16,454	24333	25373	22880
	ILHEUS	-14.818	-39.010	1960,859	-20,141	-17,562	24193	25376	22713
	ILHEUS	-14.818	-39.010	1963,208	-20,43	-18,156	24053	25314	22540
	ILHEUS	-14.813	-39.033	1983,197	-22,517	-24,729	22627	24912	20902
	ILHEUS	-14.813	-39.033	1989,295	-22,958	-27,09	22151	24881	20396
	ILHEUS	-14.813	-39.036	2001,3	-23,266	-31,919	21156	24925	19435
	ILHEUS	-14.815	-39.030	2001,375	-22,996	-30,746	21218	24689	19532
	ILHEUS	-14.815	-39.030	2006,568	-23,111	-32,142	20737	24490	-13029
82	ITAIBA A	-8.951	-37.450	2006,607	-22,589	-24,079	23173	25382	-10356
83	ITAITUBA	-4.266	-55.983	1982,723	-13,689	11,475	27014	27565	26246
	ITAITUBA	-4.266	-55.983	1988,55	-14,522	9,902	26883	27290	26024
	ITAITUBA	-4.247	-56.006	2004,441	-16,402	5,468	26185	26305	25119
	ITAITUBA	-4.292	-56.087	2019,751	-18,103	-0,979	25509	25513	24247
84	ITANHAEM	-24.164	-46.785	1986,93	-17,42	-30,11	20373	23552	19439
	ITANHAEM	-24.164	-46.785	1991,807	-18,141	-31,363	19949	23363	18957
	ITANHAEM	-24.165	-46.785	2000,17	-18,957	-33,485	19441	23310	18386
	ITANHAEM	-24.165	-46.785	2007,726	-19,85	-35,585	18816	23136	-13464
85	ITAPEVA	-23.965	-48.880	1914,088	-5,683	-14,366	24462	25252	24342
	ITAPEVA	-23.967	-48.863	1956,38	-11,597	-20,613	22683	24235	22220
	ITAPEVA	-23.967	-48.863	1964,666	-12,942	-21,988	22232	23977	21668
	ITAPEVA	-23.967	-48.863	1975,082	-13,625	-24,735	21642	23829	21033
	ITAPEVA	-23.967	-48.863	1981,89	-15,835	-25,572	20940	23215	20146

	ITAPEVA	-23.967	-48.863	1986,92	-15,02	-27,899	20809	23546	20098
	ITAPEVA	-23.967	-48.863	1986,92	-16,635	-26,961	20584	23095	19723
	ITAPEVA	-23.967	-48.863	1991,816	-15,645	-29,208	20430	23406	19673
	ITAPEVA	-23.944	-48.881	2002,739	-16,826	-32,069	19605	23136	18766
	ITAPEVA	-23.944	-48.881	2007,798	-17,755	-33,433	19165	22965	-12653
	ITAPEVA	-23.943	-48.879	2018,905	-19,404	-36,908	18001	22513	16979
86	ITAPOA A	-26.146	-48.592	2005,41	-18,503	-35,091	18665	22812	17700
87	ITUIUTABA	-18.987	-49.435	1956,087	-11,805	-12,892	24174	24800	23663
	ITUIUTABA	-18.987	-49.435	1959,447	-12,451	-13,578	23976	24666	23412
	ITUIUTABA	-18.987	-49.435	1963,582	-13,173	-14,314	23729	24490	23105
	ITUIUTABA	-18.987	-49.435	1970,279	-14,218	-15,713	23327	24233	22612
	ITUIUTABA	-18.987	-49.435	1978,135	-15,284	-17,356	22754	23840	21949
	ITUIUTABA	-18.987	-49.435	1996,213	-17,812	-22,61	21558	23353	20524
	ITUIUTABA	-19.000	-49.487	2002,729	-18,558	-24,44	21151	23233	20051
	ITUIUTABA	-19.000	-49.487	2008,586	-19,366	-26,233	20738	23120	-10220
	ITUIUTABA	-18.999	-49.487	2017,931	-20,388	-29,807	19923	22960	18675
88	JACAREAC/	-6.267	-57.733	1977,082	-11,019	10,661	26920	27393	26423
	JACAREAC/	-6.267	-57.733	1988,937	-13,038	7,94	26475	26732	25793
	JACAREAC/	-6.234	-57.775	2004,446	-15,274	3,878	25715	25775	24807
89	JANUARIA	-15.492	-44.358	1911,41	-9,883	-2,904	26152	26186	25764
	JANUARIA	-15.493	-44.368	1954,202	-15,774	-10,26	24888	25293	23951
	JANUARIA	-15.493	-44.368	1957,139	-16,121	-11,079	24703	25173	23732
	JANUARIA	-15.493	-44.368	1964,129	-17,208	-12,748	24336	24952	23247
	JANUARIA	-15.442	-44.598	1972,817	-18,329	-15,161	23793	24652	22586
	JANUARIA	-15.474	-44.386	1990,151	-20,371	-20,843	22590	24172	21177
	JANUARIA I	-15.475	-44.387	1999,875	-21,294	-24,124	21829	23919	20339
	JANUARIA I	-15.476	-44.387	2004,211	-21,65	-25,544	21503	23833	19986
90	JATAI	-17.875	-51.717	1953,369	-10,314	-9,133	25111	25434	24705
	JATAI	-17.887	-51.728	1953,625	-10,161	-9,314	24835	25167	24445
	JATAI	-17.887	-51.728	1959,557	-11,064	-10,352	24497	24903	24042
	JATAI	-17.887	-51.728	1963,639	-11,85	-11	24255	24709	23738
	JATAI	-17.887	-51.728	1972,229	-13,036	-12,781	23680	24282	23070
	JATAI	-17.887	-51.728	1984,821	-15,116	-16,267	23015	23975	22218
	JATAI	-17.887	-51.728	1986,692	-15,456	-16,732	22950	23965	22120
	JATAI	-17.830	-51.774	2004,301	-17,503	-21,193	21875	23462	20862
91	JIPARANA	-10.867	-61.955	1976,796	-7,888	3,496	25907	25956	25662
	JIPARANA	-10.867	-61.955	1989,484	-9,649	0,467	25150	25151	24794
	JIPARANA	-10.867	-61.955	1992,656	-10,184	-0,202	24950	24951	24557
	JIPARANA	-10.877	-61.850	2002,935	-11,932	-2,421	24451	24473	23922
	JIPARANA	-10.877	-61.850	2006,874	-12,654	-3,3	24179	24219	-1394
92	JOAO PESSI	-7.091	-34.843	2001,333	-22,426	-22,353	24014	25966	22198
	JOAO PESSI	-7.091	-34.843	2006,617	-22,073	-24,258	23654	25945	-10660
	JOAO PESSI	-7.091	-34.844	2014,698	-22,02	-27,324	23145	26051	21457
93	JUTAI A	-2.741	-66.762	2005,821	-9,9	-15,504	26522	27523	7357
94	LAGES	-27.827	-50.320	1955,708	-9,196	-24,989	22058	24337	21775
	LAGES	-27.827	-50.320	1960,239	-9,916	-25,989	21707	24149	21382
	LAGES	-27.783	-50.265	1976,192	-12,479	-28,628	20656	23533	20168
	LAGES	-27.783	-50.265	1991,864	-14,748	-32,324	19548	23133	18904
	LAGES	-27.782	-50.281	2000,671	-15,803	-34,346	18880	22868	18167
	LAGES	-27.782	-50.281	2005,432	-16,413	-35,585	18492	22739	17738

	LAGES	-27.782	-50.281	2018,82	-180,413	-39,798	17383	22455	16528
95	LONDRINA	-23.333	-51.133	1986,848	-14,31	-25,34	21082	23327	20428
96	MACAPA	0.043	-51.067	1952,937	-13,182	21,899	29130	31396	28362
	MACAPA	0.050	-51.067	1977,713	-16,197	16,783	27954	29198	26844
	MACAPA	0.050	-51.067	1984,604	-17,103	14,755	27796	28744	26566
	MACAPA	0.050	-51.067	1988,468	-17,45	13,609	27677	28477	26403
	MACAPA	0.052	-51.068	2004,495	-19,229	8,659	27240	27555	25721
	MACAPA	0.052	-51.068	2009,536	-19,242	6,739	27037	27225	3195
97	MACEIO	-9.513	-35.800	1952,899	-20,465	-7,366	26254	26473	24597
	MACEIO	-9.655	-35.715	1952,916	-20,545	-7,782	26184	26428	24519
	MACEIO	-9.655	-35.715	1957,458	-20,982	-9,215	25928	26268	24209
	MACEIO	-9.655	-35.715	1963,286	-21,329	-11,116	25639	26130	23883
	MACEIO	-9.655	-35.715	1970,947	-21,871	-13,699	25239	25978	23422
	MACEIO	-9.520	-35.780	1983,208	-22,62	-18,107	24342	25611	22470
	MACEIO	-9.520	-35.780	1988,218	-22,753	-19,971	24048	25587	22176
	MACEIO	-9.512	-35.797	2001,317	-22,868	-24,684	23112	25437	21296
	MACEIO	-9.512	-35.797	2006,593	-22,752	-26,365	22738	25414	-11353
98	MANAUS	-3.142	-59.992	1910,546	0,112	20,065	29439	31342	29439
	MANAUS	-3.127	-59.983	1910,567	0,123	20,159	29413	31333	29413
	MANAUS	-3.127	-59.983	1911,239	-0,068	20,263	29396	31336	29396
	MANAUS	-3.127	-59.983	1913,708	-0,587	20,579	29483	31493	29481
	MANAUS	-3.127	-59.983	1914,729	-0,824	20,781	29469	31520	29466
	MANAUS	-3.142	-59.992	1914,796	-0,828	20,697	29487	31522	29484
	MANAUS	-3.142	-59.992	1917,848	-1,393	20,989	29427	31519	29418
	MANAUS	-3.142	-59.992	1924,098	-2,479	21,548	29390	31599	29363
	MANAUS	-3.127	-59.983	1924,159	-2,47	21,621	29411	31638	29384
	MANAUS	-3.127	-59.983	1932,166	-3,861	21,954	29381	31679	29315
	MANAUS	-3.135	-60.000	1932,279	-4,664	21,937	29243	31526	29146
	MANAUS	-3.117	-60.067	1932,359	-3,634	22,208	29255	31600	29197
	MANAUS	-3.127	-59.983	1932,379	-3,996	21,971	29377	31678	29305
	MANAUS	-3.133	-59.950	1943,659	-5,181	21,319	29291	31443	29171
	MANAUS	-3.133	-60.000	1943,659	-5,23	21,267	29281	31421	29159
	MANAUS	-3.103	-60.017	1952,25	-6,157	20,569	28738	30695	28572
	MANAUS	-3.133	-60.000	1952,389	-6,184	20,531	29001	30969	28833
	MANAUS	-3.150	-59.988	1958,458	-7,019	19,524	28798	30555	28582
	MANAUS	-3.067	-60.017	1965,567	-8,003	19,045	28338	29979	28062
	MANAUS	-3.067	-60.017	1977,129	-9,699	17,35	27678	28998	27282
	MANAUS	-2.900	-59.967	1979,927	-10,428	17,076	27532	28802	27077
	MANAUS	-2.838	-59.713	1982,77	-10,88	16,645	27372	28570	26880
	MANAUS	-2.838	-59.713	1988,947	-11,84	15,189	27233	28219	26653
	MANAUS	-2.838	-59.713	1995,926	-13,201	13,628	26922	27702	26210
	MANAUS	-2.930	-59.975	2005,76	-14,324	11,314	26039	27065	5310
99	MANICORE	-5.795	-61.278	2005,908	-12,694	6,885	25739	25926	3108
100	MARABA	-5.348	-49.183	1915,578	-8,189	16,239	28547	29734	28256
	MARABA	-5.367	-49.167	1976,916	-16,686	5,769	26904	27042	25772
	MARABA	-5.367	-49.138	1984,567	-17,809	3,256	26572	26615	25298
	MARABA	-5.367	-49.138	1986,64	-18,069	2,523	26535	26561	25226
	MARABA	-5.368	-49.138	2003,709	-19,663	-3,267	25609	25651	24115
101	MARILIA	-22.202	-49.950	1953,458	-10,715	-16,899	23459	24518	23050
	MARILIA	-22.372	-49.950	1953,479	-10,628	-17,333	23525	24645	23122

MARILIA	-22.202	-49.950	1959,098	-11,548	-17,916	23050	24225	22583
MARILIA	-22.202	-49.950	1964,659	-12,583	-18,697	22780	24050	22233
MARILIA	-22.202	-49.950	1970,359	-13,531	-19,899	22424	23848	21801
MARILIA	-22.202	-49.950	1981,927	-15,31	-22,427	21657	23430	20889
MARILIA	-22.202	-49.950	1981,927	-15,364	-22,436	21657	23431	20883
MARILIA	-22.202	-49.950	1986,828	-16,023	-24,038	21303	23326	20475
MARILIA	-22.202	-49.950	1986,838	-16,121	-24,055	21290	23315	20453
MARILIA	-22.202	-49.950	1996,203	-17,364	-26,62	20597	23040	19659
MARILIA	-22.198	-49.928	2000,692	-17,975	-27,7	20344	22978	19351
MARILIA	-22.198	-49.928	2007,8	-18,888	-29,96	19717	22758	-11366
102 MAUES A	-3.393	-57.722	2005,776	-15,774	-8,627	26430	26732	4010
103 MONTE DC	-0.850	-52.600	1982,687	-15,911	14,869	27600	28557	26543
MONTE DC	-0.850	-52.600	1988,505	-16,829	13,09	27457	28190	26281
104 MONTES CI	-16.712	-43.823	1951,859	-15,732	-11,965	24587	25134	23666
MONTES CI	-16.711	-43.857	1952,536	-15,781	-12,166	24528	25092	23603
MONTES CI	-16.711	-43.857	1960,927	-16,899	-14,265	24018	24783	22981
MONTES CI	-16.722	-43.803	1963,546	-17,416	-15,048	23883	24732	22788
MONTES CI	-16.722	-43.803	1967,796	-17,947	-16,183	23647	24623	22496
MONTES CI	-16.722	-43.803	1973,317	-18,628	-17,548	23241	24376	22024
MONTES CI	-16.722	-43.803	1985,109	-20,194	-21,493	22437	24114	21057
MONTES CI	-16.722	-43.803	1989,38	-20,559	-22,874	22125	24014	20716
MONTES CI	-16.707	-43.809	1999,878	-21,468	-26,329	21309	23776	19831
MONTES CI	-16.707	-43.809	2005,531	-21,892	-28,209	20893	23710	19387
105 MORAES A	-6.228	-55.635	2004,427	-16,43	2,089	24690	24707	23682
106 MOSSORO	-5.192	-37.345	1922,55	-17,1	3,667	28373	28432	27119
MOSSORO	-5.213	-37.312	2001,359	-22,003	-16,173	25128	26164	23298
MOSSORO	-5.213	-37.312	2006,622	-21,764	-18,119	24840	26136	-8128
107 MOSTARDA	-31.125	-50.836	2004,901	-15,022	-38,016	17941	22773	17328
108 MUNDO NO	-11.888	-40.452	1961,317	-19,149	-9,564	25409	25768	24003
MUNDO NO	-11.888	-40.452	1964,109	-19,416	-10,482	25240	25669	23805
MUNDO NO	-11.888	-40.445	1975,755	-20,614	-14,055	24497	25254	22929
MUNDO NO	-11.888	-40.445	1984,13	-21,416	-17,243	23972	25101	22317
MUNDO NO	-11.888	-40.445	1989,311	-21,812	-19,111	23615	24993	21924
MUNDO NO	-11.880	-40.454	2001,359	-22,465	-23,326	22470	24471	20765
MUNDO NO	-11.880	-40.454	2008,643	-22,691	-25,961	22200	24690	-10805
MUNDO NO	-11.767	-40.423	2014,921	-23,183	-28,237	21732	24667	19977
109 NATAL	-5.778	-35.183	1919,489	-17,697	6,48	28188	28370	26854
NATAL	-5.782	-35.195	1922,348	-18,131	6,333	28059	28232	26666
NATAL	-5.792	-35.183	1941,649	-19,916	1,358	27729	27737	26070
NATAL	-5.768	-35.200	1943,697	-20,114	1,072	27613	27618	25929
NATAL	-5.902	-35.230	1952,019	-20,614	-1,582	27292	27303	25545
NATAL	-5.768	-35.200	1952,019	-20,697	-1,516	27353	27363	25588
NATAL	-5.768	-35.200	1952,879	-20,666	-1,766	27297	27310	25540
NATAL	-5.902	-35.230	1952,889	-20,649	-2,124	27284	27303	25531
NATAL	-5.768	-35.200	1957,5	-21	-3,582	26975	27028	25183
NATAL	-5.768	-35.193	1975,717	-21,899	-9,706	26124	26504	24239
NATAL	-5.770	-35.190	1983,187	-22,197	-12,85	25579	26237	23684
NATAL	-5.768	-35.193	1983,187	-22,229	-12,878	25613	26274	23709
NATAL	-5.770	-35.190	1988,187	-22,19	-14,852	25336	26212	23459
NATAL	-5.768	-35.193	1988,187	-22,228	-14,8	25300	26169	23420

	NATAL	-5.768	-35.193	1995,687	-22,232	-17,562	24845	26060	22998
	NATAL	-5.836	-35.208	2001,338	-22,086	-19,704	24519	26045	22720
	NATAL	-5.836	-35.208	2006,62	-21,106	-21,538	24223	26041	-9560
110	NOVO SAO	-14.964	-52264	2007,567	-17,917	-16,596	22631	23615	-6745
111	OIAPOQUE	3.837	-51.830	1984,614	-16,833	21,302	28249	30321	27039
	OIAPOQUE	3.837	-51.830	1988,489	-17,18	20,218	28165	30015	26908
	OIAPOQUE	3.861	-51.796	2004,489	-18,295	15,423	27899	28942	26489
	OIAPOQUE	3.861	-51.796	2009,527	-18,518	13,81	27772	28598	6826
112	PACARAIM	4.492	-61.127	2005,749	-14,644	24,587	27519	30263	12592
113	PALMAS	-26.472	-51.968	1953,578	-7,782	-22,533	22419	24273	22213
	PALMAS	-26.472	-51.968	1959,149	-8,883	-23,399	22201	24191	21935
	PALMAS	-26.472	-51.972	1965,046	-9,899	-24,298	21833	23955	21507
	PALMAS	-26.478	-52.000	1974,343	-11,156	-25,746	21266	23610	20864
	PALMAS	-26.478	-52.000	1982,234	-12,463	-27,309	20780	23387	20290
	PALMAS	-26.478	-52.000	1982,239	-12,496	-27,722	20613	23286	20124
	PALMAS	-26.478	-52.000	1986,869	-13,187	-28,808	20344	23218	19808
	PALMAS	-26.478	-52.000	1991,859	-13,892	-30,013	19951	23041	19367
	PALMAS	-26.476	-51.977	2000,67	-15,015	-32,129	19291	22780	18632
	PALMAS	-26.476	-51.977	2005,416	-15,602	-33,215	18956	22658	18257
114	PANTANAL	-16.685	-56.175	2019,655	-17,616	-20,763	21410	22898	20407
115	PARINTINS	-2.613	-56.733	1911,39	-2,2	21,2	29213	31334	29191
	PARINTINS	-2.633	-56.733	1982,739	-13,288	14,81	27377	28318	26644
	PARINTINS	-2.633	-56.733	1988,561	-14,109	13,18	27236	27973	26414
	PARINTINS	-2.669	-56.771	2005,771	-16,333	8,637	26587	26892	4039
116	PARNAIBA	-2.883	-41.740	1952,769	-18,009	10,265	28416	28879	27024
	PARNAIBA	-2.900	-41.763	1952,786	-17,958	10,314	28385	28852	27002
	PARNAIBA	-2.900	-41.763	1960,828	-18,749	7,914	28095	28366	26604
	PARNAIBA	-2.900	-41.763	1963,838	-19,117	6,815	28005	28205	26461
	PARNAIBA	-2.900	-41.735	1975,697	-19,944	3,19	27471	27514	25823
	PARNAIBA	-2.900	-41.763	1983,149	-20,589	-0,303	27099	27100	25368
	PARNAIBA	-2.900	-41.763	1983,149	-20,6	-0,372	27083	27084	25351
	PARNAIBA	-2.900	-41.763	1987,229	-20,815	-1,327	27037	27045	25273
	PARNAIBA	-2.900	-41.763	1995,671	-21,062	-4,394	26573	26652	24798
	PARNAIBA	-2.895	-41.732	2003,743	-21,294	-7,492	26236	26462	24444
	PARNAIBA	-2.895	-41.732	2014,661	-21,285	-11,954	25691	26261	23939
117	PASSO FUN	-28.265	-52.395	1914,31	-1,616	-20,482	24357	26001	24347
	PASSO FUN	-28.265	-52.395	1953,937	-7,083	-24,482	22280	24482	22110
	PASSO FUN	-28.265	-52.395	1960,239	-8,083	-25,482	21862	24218	21644
	PASSO FUN	-28.265	-52.395	1965,328	-8,932	-26,1	21560	24009	21299
	PASSO FUN	-28.265	-52.395	1976,208	-10,652	-28,033	20795	23560	20437
	PASSO FUN	-28.250	-52.517	2000,63	-14,602	-33,261	19065	22801	18449
	PASSO FUN	-28.250	-52.517	2005,442	-15,814	-34,388	18765	22740	18055
118	PATOS	-7.038	-37.251	2006,604	-22,127	-20,85	23940	25617	-9118
119	PATOS DE I	-18.975	-46.430	2008,577	-20,965	-30,052	20062	23178	-11607
120	PATOS DO	-7.494	-41.265	2006,658	-21,902	-17,315	24142	25288	-7526
121	PETROLINA	-9.412	-40.507	1911,604	-12,732	5,683	27182	27317	26514
	PETROLINA	-9.402	-40.517	1923,389	-14,965	3,233	26905	26948	25992
	PETROLINA	-9.430	-40.523	1952	-18,232	-2,664	26728	26757	25386
	PETROLINA	-9.392	-40.498	1952	-18,283	-2,815	26666	26699	25320
	PETROLINA	-9.430	-40.523	1954,447	-18,482	-3,315	26569	26614	25199

	PETROLINA	-9.392	-40.498	1954,447	-18,516	-3,516	26533	26584	25160
	PETROLINA	-9.392	-40.498	1960,416	-19,197	-5,263	26129	26240	24676
	PETROLINA	-9.430	-40.523	1960,427	-19,065	-5,013	26257	26358	24816
	PETROLINA	-9.392	-40.498	1963,879	-19,548	-6,366	26039	26201	24538
	PETROLINA	-9.392	-40.498	1972,629	-20,402	-9,071	25503	25826	23903
	PETROLINA	-9.390	-40.500	1980,197	-21,179	-11,81	25073	25616	23380
	PETROLINA	-9.390	-40.500	1980,197	-21,197	-11,35	25059	25559	23363
	PETROLINA	-9.390	-40.500	1988,135	-21,767	-15,272	24304	25194	22571
	PETROLINA	-9.390	-40.500	1988,213	-21,745	-14,446	24559	25361	22811
	PETROLINA	-9.365	-40.565	2001,354	-22,399	-19,343	23658	25074	21873
	PETROLINA	-9.283	-40.566	2006,664	-22,612	-21,298	23346	25057	-9101
	PETROLINA	-9.365	-40.565	2014,91	-22,72	-24,578	22807	25079	21037
122	PIMENTEIR	-13.483	-61.047	1992,687	-10,159	-4,072	24504	24567	24120
	PIMENTEIR	-13.478	-61.038	2002,939	-11,788	-6,138	24292	24433	23780
123	PIRAPORA	-17.355	-44.937	1911,187	-7,815	-4,367	25871	25947	25631
	PIRAPORA	-17.355	-44.937	1954,18	-13,649	-11,35	24454	24942	23763
	PIRAPORA	-17.355	-44.937	1959,578	-14,449	-12,666	24068	24669	23307
	PIRAPORA	-17.355	-44.937	1960,317	-14,482	-12,833	24028	24644	23264
	PIRAPORA	-17.355	-44.937	1964,76	-15,166	-13,85	23825	24539	22995
	PIRAPORA	-17.352	-44.927	1965,28	-15,25	-13,916	23782	24502	22945
	PIRAPORA	-17.352	-44.927	1967,79	-15,531	-14,75	23668	24475	22804
	PIRAPORA	-17.352	-44.927	1974,729	-16,479	-16,427	23120	24104	22170
	PIRAPORA	-17.313	-44.858	1999,864	-19,458	-24,047	21176	23189	19966
	PIRAPORA	-17.313	-44.858	2005,532	-21,479	-25,757	20897	23203	19446
	PIRAPORA	-17.313	-44.858	2017,939	-20,885	-30,529	19841	23034	18537
124	PITANGA	-24.746	-51.761	1956,369	-9,213	-20,992	22730	24346	22436
	PITANGA	-24.752	-51.772	2000,666	-14,944	-28,356	19638	22316	18974
	PITANGA	-24.752	-51.772	2005,475	-15,562	-30,2	19117	22120	18416
125	POCOS DE	-21.812	-46.595	1953,427	-13,347	-18,381	23394	24652	22762
	POCOS DE	-21.812	-46.595	1959,078	-14,281	-19,583	23050	24466	22338
	POCOS DE	-21.812	-46.595	1964	-15,048	-20,482	22752	24288	21972
	POCOS DE	-21.812	-46.595	1970,098	-16,048	-21,965	22338	24087	21468
	POCOS DE	-21.812	-46.595	1976,713	-16,906	-23,284	21905	23848	20959
	POCOS DE	-21.812	-46.595	1981,953	-17,649	-24,579	21571	23721	20556
	POCOS DE	-21.812	-46.595	1981,953	-17,694	-24,54	21558	23699	20538
	POCOS DE	-21.812	-46.595	1986,817	-18,253	-26,413	21157	23623	20092
	POCOS DE	-21.810	-46.595	1996,229	-19,298	-29,079	20451	23401	19302
	POCOS DE	-21.786	-46.590	1999,822	-19,69	-30,125	20139	23285	18962
	POCOS DE	-21.810	-46.628	2004,235	-20,172	-31,393	19818	23217	18602
	POCOS DE	-21.787	-46.590	2017,911	-21,548	-35,913	18692	23079	17386
126	PONTA POI	-22.548	-55.735	1953,529	-5,833	-15,248	24018	24895	23894
	PONTA POI	-22.543	-55.728	1953,529	-5,848	-15,281	24029	24910	23904
	PONTA POI	-22.543	-55.728	1959,639	-6,833	-16,166	23597	24569	23429
	PONTA POI	-22.543	-55.728	1964,52	-7,664	-16,631	23385	24406	23176
	PONTA POI	-22.550	-55.715	1975,067	-9,253	-18,513	22677	23915	22382
	PONTA POI	-22.550	-55.715	1984,832	-11,045	-20,582	22094	23601	21685
	PONTA POI	-22.550	-55.715	1986,859	-11,359	-21,068	21902	23471	21473
	PONTA POI	-22.550	-55.715	1994,889	-12,553	-22,913	21379	23211	20868
	PONTA POI	-22.552	-55.705	2001,755	-13,699	-24,7	20759	22850	20168
	PONTA POI	-22.552	-55.705	2006,847	-14,414	-25,615	20601	22846	-9877

127	PORTO ALE	-30.070	-51.138	1904,739	-0,648	-21,833	24834	26754	24833
	PORTO ALE	-30.070	-51.138	1914,639	-2,183	-22,666	24167	26190	24149
	PORTO ALE	-29.912	-50.122	1923,989	-4,8	-23,298	23664	25765	23581
	PORTO ALE	-30.033	-51.233	1925,927	-4,197	-23,683	23712	25893	23648
	PORTO ALE	-30.033	-51.233	1951,379	-7,216	-26,965	22138	24839	21963
	PORTO ALE	-30.030	-51.175	1951,389	-7,366	-26,947	22198	24902	22015
	PORTO ALE	-30.030	-51.175	1953,817	-7,664	-27,298	22078	24846	21881
	PORTO ALE	-30.030	-51.175	1960,029	-8,748	-28,183	21587	24491	21336
	PORTO ALE	-30.030	-51.175	1965,389	-9,583	-28,881	21285	24309	20988
	PORTO ALE	-30.030	-51.175	1974,229	-10,932	-30,458	20607	23907	20233
	PORTO ALE	-30.030	-51.175	1982,328	-12,253	-32,076	20028	23637	19572
	PORTO ALE	-30.000	-51.183	1982,328	-12,314	-32,074	20019	23626	19559
	PORTO ALE	-30.030	-51.175	1986,91	-12,876	-33,172	19692	23526	19196
	PORTO ALE	-30.000	-51.183	1986,91	-12,923	-33,131	19702	23527	19203
	PORTO ALE	-30.030	-51.175	1991,88	-13,487	-34,478	19199	23291	18670
	PORTO ALE	-30.000	-51.183	1991,88	-13,515	-34,472	19216	23309	18683
	PORTO ALE	-29.992	-51.163	2000,64	-14,656	-35,992	18710	23125	18101
	PORTO ALE	-29.992	-51.163	2007,789	-15,494	-37,519	18193	22937	-13969
	PORTO ALE	-30.026	-51.1702	2018,831	-16,986	-406,647	17221	22703	16470
128	PORTO MU	-21.697	-57.883	1913,88	1,281	-10,567	25930	26378	25924
	PORTO MU	-21.703	-57.882	2001,76	-12,456	-21,548	21477	23091	20971
	PORTO MU	-21.708	-57.887	2006,91	-13,176	-22,756	21091	22872	-8847
129	PORTO NA	-10.715	-48.408	1954,729	-13,833	0,933	26707	26711	25932
	PORTO NA	-10.715	-48.408	1960,609	-14,666	-0,282	26352	26353	25494
	PORTO NA	-10.715	-48.408	1964,269	-15,232	-1,133	26200	26206	25280
	PORTO NA	-10.723	-48.408	1970,677	-16,183	-2,697	25752	25781	24732
	PORTO NA	-10.723	-48.408	1976,723	-16,933	-4,269	25380	25451	24280
	PORTO NA	-10.727	-48.408	1985,119	-18,142	-7,084	24938	25130	23698
	PORTO NA	-10.727	-48.408	1986,67	-18,325	-7,556	24865	25083	23604
	PORTO NA	-10.727	-48.408	1995,817	-19,315	-10,562	24358	24778	22987
	PORTO NA	-10.721	-48.401	2003,702	-20,117	-13,008	23896	24526	22438
130	PORTO TRC	-1.484	-56.398	1982,729	-13,692	16,388	27681	28854	26895
	PORTO TRC	-1.487	-56.491	2005,785	-16,594	10,165	26927	27356	4828
131	PORTO VEL	-8.760	-63.917	1914,718	2,447	10,682	28976	29487	28949
	PORTO VEL	-8.760	-63.917	1917,796	1,983	10,949	29091	29631	29074
	PORTO VEL	-8.760	-63.917	1924,197	0,966	11,682	29012	29626	29008
	PORTO VEL	-8.760	-63.917	1924,197	0,966	11,715	28962	29579	28958
	PORTO VEL	-8.760	-63.917	1932,479	-0,333	12,248	28926	29600	28925
	PORTO VEL	-8.767	-63.900	1943,697	-1,465	11,798	28763	29384	28753
	PORTO VEL	-8.760	-63.913	1952,359	-2,582	11,015	28468	29003	28439
	PORTO VEL	-8.732	-63.897	1952,369	-2,516	11,116	28408	28952	28381
	PORTO VEL	-8.760	-63.913	1958,629	-3,433	10,564	28087	28572	28037
	PORTO VEL	-8.760	-63.913	1964,468	-4,315	10,314	27790	28247	27711
	PORTO VEL	-8.700	-63.902	1976,791	-6,131	9,137	26911	27257	26757
	PORTO VEL	-8.700	-63.902	1984,807	-7,709	7,964	26538	26797	26298
	PORTO VEL	-8.700	-63.902	1989,51	-8,454	7,196	26303	26512	26017
	PORTO VEL	-8.700	-63.902	1992,65	-8,961	6,631	26138	26315	25819
	PORTO VEL	-8.715	-63.901	2002,918	-10,616	4,793	25616	25706	25177
	PORTO VEL	-8.709	-63.895	2006,872	-11,327	4,037	25407	25470	1793
132	RAPOSA	-2.448	-44.120	2014,891	-21,069	-8,574	25977	26271	24240

133	RECIFE	-8.047	-34.867	1913,369	-17,499	4,098	27787	27859	26501
	RECIFE	-8.062	-34.883	1919,5	-17,614	2	27823	27840	26518
	RECIFE	-8.062	-34.883	1923,359	-18,083	1,149	27687	27693	26319
	RECIFE	-8.060	-34.883	1923,359	-18,099	1,149	27699	27705	26328
	RECIFE	-8.182	-34.913	1929,708	-19,099	0,349	27435	27436	25925
	RECIFE	-8.063	-34.867	1931,958	-19,183	-0,814	27443	27446	25919
	RECIFE	-8.082	-34.883	1931,958	-19,215	-0,666	27369	27371	25844
	RECIFE	-8.113	-34.900	1931,979	-19,166	-0,583	27441	27443	25920
	RECIFE	-8.113	-34.900	1943,598	-20,016	-3,131	27099	27140	25462
	RECIFE	-8.080	-34.895	1954,828	-20,864	-7,131	26622	26830	24876
	RECIFE	-8.080	-34.895	1957,489	-21,083	-8,083	26410	26676	24643
	RECIFE	-8.080	-34.895	1963,279	-21,447	-9,916	26133	26530	24324
	RECIFE	-8.080	-34.895	1975,739	-22,131	-14,387	25411	26234	23539
	RECIFE	-8.080	-34.900	1983,197	-22,479	-17,357	24900	26088	23008
	RECIFE	-8.080	-34.900	1988,18	-22,524	-19,242	24601	26057	22724
	RECIFE	-8.080	-34.895	2001,326	-22,496	-24,027	23670	25916	21869
	RECIFE	-8.093	-34.089	2006,598	-22,908	-25,869	23294	25888	-11295
134	RIBEIRAO I	-9.242	-48.530	1970,729	-16,148	0,093	26189	26190	25156
135	RIO BRANC	-9.975	-67.800	1918,036	5	7,348	29300	29543	29188
	RIO BRANC	-9.980	-67.807	1952,307	1,266	8,366	28518	28825	28511
	RIO BRANC	-9.992	-67.813	1952,317	1,248	7,933	28578	28855	28572
	RIO BRANC	-9.980	-67.807	1958,536	0,483	8,133	28150	28436	28149
	RIO BRANC	-9.980	-67.807	1966,317	-0,564	7,881	27679	27943	27677
	RIO BRANC	-10.000	-67.817	1977,109	-2,088	7,23	26782	26997	26764
	RIO BRANC	-9.998	-67.833	1986,27	-3,759	5,776	26610	26746	26552
	RIO BRANC	-9.998	-67.833	1989,489	-4,333	5,5	26350	26472	26274
	RIO BRANC	-9.998	-67.833	1992,635	-5,144	5,105	26200	26305	26095
	RIO BRANC	-9.996	-67.802	2002,927	-6,048	3,676	25628	25681	25485
	RIO BRANC	-9.869	-67896	2006,866	-7,753	3,331	25288	25331	1472
136	RIO DE JAN	-22.933	-43.183	1910,937	-9,85	-14,85	24647	25499	24284
	RIO DE JAN	-22.933	-43.183	1915,25	-10,616	-15,416	24602	25521	24181
	RIO DE JAN	-22.933	-43.183	1942,119	-13,928	-19,753	23662	25142	22966
	RIO DE JAN	-22.933	-43.183	1943,447	-14,062	-20,048	23554	25074	22848
	RIO DE JAN	-22.933	-43.183	1951,15	-14,944	-21,621	23060	24806	22280
	RIO DE JAN	-22.933	-43.183	1952,369	-15,215	-21,767	22989	24755	22184
	RIO DE JAN	-22.933	-43.183	1978,411	-18,815	-28,283	21182	24054	20050
137	RIO GRANC	-32.025	-52.133	1904,718	0,85	-24,215	24721	27107	24719
	RIO GRANC	-32.025	-52.133	1913,437	-0,633	-24,881	24116	26584	24115
	RIO GRANC	-32.025	-52.133	1925,947	-2,697	-26,099	23418	26077	23392
	RIO GRANC	-32.025	-52.133	1925,947	-2,782	-26,099	23430	26091	23403
	RIO GRANC	-32.090	-52.162	1953,848	-6,315	-29,364	21673	24868	21541
	RIO GRANC	-32.090	-52.162	1960,046	-7,315	-30,149	21211	24530	21038
	RIO GRANC	-32.090	-52.162	1965,019	-8,133	-30,607	21035	24440	20823
	RIO GRANC	-32.090	-52.162	1965,389	-8,199	-30,864	20940	24395	20726
	RIO GRANC	-32.090	-52.162	1974,233	-9,52	-32,277	20192	23883	19914
	RIO GRANC	-32.090	-52.162	1982,307	-10,765	-33,52	19702	23633	19355
	RIO GRANC	-32.090	-52.162	1982,307	-10,819	-33,52	19683	23610	19333
	RIO GRANC	-32.090	-52.162	1986,9	-11,411	-34,935	19201	23422	18821
	RIO GRANC	-32.090	-52.162	1986,9	-11,545	-34,875	19175	23373	18787
	RIO GRANC	-32.090	-52.162	1991,909	-12,043	-35,874	18916	23345	18500

	RIO GRANC	-32.090	-52.162	1991,909	-11,975	-35,784	18915	23318	18504
	RIO GRANC	-32.081	-52.161	2000,598	-13,116	-37,541	18283	23059	17806
	RIO GRANC	-32.081	-52.161	2004,906	-13,729	-38,375	17988	22946	17474
	RIO GRANC	-32.081	-52.162	2018,84	-15,568	-41,832	16847	22582	16229
138	RIO LARGO	-9.544	-35.821	2014,713	-22,769	-29,799	22101	25469	20379
139	RONDONO	-16.472	-54.635	1928,619	-4,967	-2,516	26440	26466	26341
	RONDONO	-16.450	-54.667	1986,711	-13,607	-11,859	23566	24080	22904
	RONDONO	-16.589	-54.723	2007,57	-16,663	-17,673	22197	23297	-7073
	RORAINOP	-00.942	-60.466	2005,757	-14,26	-18,325	27077	28523	8968
140	SALVADOR	-13.003	-38.512	1931,989	-16,982	-5,73	25638	25767	24520
	SALVADOR	-13.003	-38.512	1942,197	-18,099	-7,631	25511	25739	24248
	SALVADOR	-13.003	-38.512	1943,529	-18,249	-7,899	25426	25670	24147
	SALVADOR	-13.003	-38.512	1952	-19,099	-10,182	25399	25806	24001
	SALVADOR	-12.922	-38.318	1952,009	-19,048	-10,182	25415	25822	24023
	SALVADOR	-12.922	-38.318	1952,578	-19,065	-10,515	25252	25684	23867
	SALVADOR	-13.003	-38.512	1952,588	-19,197	-10,347	24937	25350	23551
	SALVADOR	-12.922	-38.318	1954,479	-19,283	-11,133	25130	25612	23720
	SALVADOR	-12.922	-38.318	1957,519	-19,614	-12,064	24931	25495	23485
	SALVADOR	-12.922	-38.318	1963,317	-20,315	-13,765	24575	25302	23046
	SALVADOR	-12.877	-38.677	1975,166	-21,798	-17,315	24106	25251	22383
	SALVADOR	-12.795	-38.487	1975,177	-21,503	-17,783	24135	25347	22456
	SALVADOR	-12.922	-38.318	1980,208	-21,878	-19,51	23489	24920	21797
	SALVADOR	-12.922	-38.318	1983,229	-22,107	-20,739	23084	24684	21387
	SALVADOR	-12.922	-38.318	1983,229	-22,149	-20,76	23194	24805	21482
	SALVADOR	-12.922	-38.318	1988,227	-22,287	-22,478	22818	24695	21114
	SALVADOR	-12.902	-38.327	2001,302	-22,863	-27,267	21709	24423	20003
	SALVADOR	-12.902	-38.327	2006,582	-23,044	-29,05	21344	24416	-11856
141	SANTA CRL	-16.274	-39.031	2003,953	-23,247	-31,951	20545	24214	18877
	SANTA CRL	-16.274	-39.031	2006,562	-23,393	-32,604	20406	24223	-13052
142	SANTA CRL	-7.953	-36.259	2008,673	-22,437	-24,456	23329	25629	-10610
143	SANTA MA	-29.690	-53.812	1914,359	-0,064	-21,565	24655	26511	24655
	SANTA MA	-29.692	-53.812	1951,427	-5,499	-25,697	22363	24818	22260
	SANTA MA	-29.683	-53.823	1951,447	-5,249	-25,499	22389	24806	22295
	SANTA MA	-29.683	-53.823	1953,889	-5,631	-25,749	22284	24741	22176
	SANTA MA	-29.683	-53.823	1960,208	-6,616	-26,516	21829	24396	21684
	SANTA MA	-29.687	-53.835	1965,338	-7,381	-27,114	21540	24200	21361
	SANTA MA	-29.687	-53.835	1976,218	-9,126	-28,829	20793	23735	20530
	SANTA MA	-29.717	-53.700	1982,249	-10,361	-30,357	20296	23521	19965
	SANTA MA	-29.717	-53.700	1991,926	-11,67	-32,479	19619	23257	19213
144	SANTA VITC	-33.502	-53.344	1982,291	-8,402	-35,499	19562	24029	19352
	SANTA VITC	-33.502	-53.344	1986,895	-9,043	-36,617	19122	23824	18884
	SANTA VITC	-33.520	-53.363	1991,916	-9,663	-37,354	18882	23754	18614
	SANTA VITC	-33.503	-53.346	2018,859	-13,306	-42,983	16725	22862	16276
145	SANTANA L	-30.875	-55.522	1953,869	-3,25	-27,065	22155	24880	22119
	SANTANA L	-30.875	-55.522	1960,177	-4,282	-27,683	21764	24578	21703
	SANTANA L	-30.875	-55.522	1965,379	-5,131	-28,249	21430	24328	21344
	SANTANA L	-30.875	-55.522	1974,26	-6,117	-29,812	20720	23881	20602
	SANTANA L	-30.875	-55.522	1982,265	-7,782	-30,718	20215	23515	20029
	SANTANA L	-30.875	-55.522	1982,265	-7,914	-30,809	20244	23571	20051
	SANTANA L	-30.875	-55.522	1986,89	-8,451	-31,791	19905	23419	19689

	SANTANA L	-30.875	-55.522	1986,89	-8,553	-31,722	19919	23418	19698
	SANTANA L	-30.875	-55.522	1991,92	-9,237	-32,715	19556	23244	19303
	SANTANA L	-30.875	-55.522	1991,921	-9,208	-32,618	19593	23262	19340
	SANTANA L	-30.882	-55.527	2000,609	-10,451	-34,43	18824	22823	18512
	SANTANA L	-30.867	-55.540	2000,609	-10,494	-34,235	18974	22951	18657
	SANTANA L	-30.867	-55.540	2004,911	-10,94	-35,129	18643	22795	18304
	SANTANA L	-30.867	-55.540	2009,872	-11,913	-36,04	18318	22654	-13330
	SANTANA L	-30.867	-55.540	2018,872	-13,378	-38,493	17496	22353	17021
146	SANTAREM	-2.415	-54.707	1903,698	-1,967	21,465	28812	30960	28795
	SANTAREM	-2.415	-54.650	1911,279	-3,631	21,947	29075	31347	29016
	SANTAREM	-2.415	-54.650	1918,129	-5,23	22,283	29145	31498	29024
	SANTAREM	-2.417	-54.650	1932,328	-7,833	22,232	29023	31354	28752
	SANTAREM	-2.415	-54.650	1943,598	-9,182	21,183	29058	31164	28685
	SANTAREM	-2.415	-54.707	1952,166	-10,133	20	28487	30316	28043
	SANTAREM	-2.417	-54.713	1952,166	-10,149	19,864	28763	30583	28313
	SANTAREM	-2.415	-54.707	1958,447	-10,982	18,965	28330	29957	27812
	SANTAREM	-2.417	-54.713	1965,536	-12,031	17,516	28219	29592	27600
	SANTAREM	-2.417	-54.713	1976,942	-13,574	15,262	27610	28620	26839
	SANTAREM	-2.437	-54.728	1982,708	-14,432	14,079	27311	28157	26449
	SANTAREM	-2.417	-54.713	1982,708	-14,475	13,864	27427	28250	26556
	SANTAREM	-2.437	-54.728	1988,536	-15,342	12,399	27147	27796	26180
	SANTAREM	-2.437	-54.728	1995,847	-16,156	10,347	26876	27321	25815
	SANTAREM	-2.174	-54.462	2004,457	-17,278	7,789	26587	26835	25387
	SANTAREM	-2.422	-54.785	2019,737	-18,64	1,892	26135	26150	24765
147	SANTO ANO	-28.290	-54.272	1953,92	-4,9	-23,416	22594	24622	22511
	SANTO ANO	-28.290	-54.272	1960,218	-5,767	-24,166	22131	24257	22019
	SANTO ANO	-28.290	-54.272	1965,328	-6,598	-24,767	21814	24024	21669
	SANTO ANO	-28.292	-54.120	1976,237	-9,012	-27,052	21063	23651	20803
	SANTO ANO	-28.281	-54.170	2000,619	-12,048	-33,191	19217	22964	18794
	SANTO ANO	-28.281	-54.172	2005,451	-13,487	-32,506	19228	22800	18697
148	SAO BORJA	-28.660	-55.997	1914,5	1,75	-20,298	24710	26347	24699
	SAO BORJA	-28.660	-55.997	1923,958	0,181	-20,933	24114	25819	24114
	SAO BORJA	-28.650	-56.033	1986,89	-8,729	-28,61	20750	23636	20509
	SAO BORJA	-28.650	-56.033	1991,937	-9,55	-29,6	20413	23477	20130
	SAO BORJA	-28.651	-56.028	2000,619	-10,718	-31,36	19763	23145	19419
	SAO BORJA	-28.651	-56.028	2004,915	-11,378	-32,171	19507	23046	19124
	SAO BORJA	-28.651	-56.028	2009,875	-12,102	-33,173	19158	22888	19158
	SAO BORJA	-28.651	-56.028	2018,892	-13,677	-35,708	18378	22632	17857
149	SAO FELIX /	-11.667	-50.733	1977,831	-15,378	-4,046	25311	25375	24405
	SAO FELIX /	-11.667	-50.733	1986,722	-16,753	-6,782	24732	24907	23682
	SAO FELIX /	-11.629	-50.696	2007,559	-19,3	-13,483	23529	24196	-5641
150	SAO FELIX I	-6.664	-51.963	2007,548	-18,874	-3,874	25209	25265	-1687
151	SAO GABRI	-0.137	-67.100	1932,076	0,865	26,766	29326	32846	29323
	SAO GABRI	-0.132	-67.075	1978,687	-5,796	23,934	28160	30810	28016
	SAO GABRI	-0.133	-67.100	1984,739	-7,184	22,94	27933	30332	27713
	SAO GABRI	-0.133	-67.100	1995,916	-9,081	21,159	27408	29390	27065
	SAO GABRI	-0.115	-66.992	2005,878	-10,434	19,019	27033	28735	9740
152	SAO JOAO I	-21.637	-41.027	2014,965	-23,425	-39,61	18157	23568	16661
153	SAO JOSE C	-23.232	-45.865	1987,92	-18,489	-29,392	20476	23501	19419
	SAO JOSE C	-23.232	-45.865	1987,92	-18,503	-29,375	20505	23531	19445

	SAO JOSE D	-23.232	-45.865	1994,437	-19,27	-31,211	19945	23321	18828
	SAO JOSE D	-23.232	-45.865	1994,437	-19,243	-31,25	19934	23318	18821
	SAO JOSE D	-23.232	-45.865	2000,151	-19,819	-32,625	19563	23229	18405
	SAO JOSE D	-23.231	-45.863	2003,233	-20,149	-33,488	19314	23159	18132
	SAO JOSE D	-23.231	-45.863	2005,281	-20,288	-34,2	19082	23072	-12968
	SAO JOSE D	-23.231	-45.863	2007,345	-20,517	-34,583	19044	23132	-13130
154	SAO LUIZ	-2.530	-44.280	1923,328	-13,116	18,447	28891	30456	28137
	SAO LUIZ	-2.500	-44.283	1923,328	-13,166	18,565	28861	30446	28103
	SAO LUIZ	-2.505	-44.278	1923,328	-13,166	18,599	28871	30462	28112
	SAO LUIZ	-2.505	-44.278	1943,619	-15,798	15,298	28757	29814	27671
	SAO LUIZ	-2.505	-44.278	1952,598	-16,565	13,133	28577	29345	27391
	SAO LUIZ	-2.585	-44.225	1952,817	-16,783	12,873	28491	29226	27277
	SAO LUIZ	-2.585	-44.225	1963,817	-17,982	9,713	28119	28528	26745
	SAO LUIZ	-2.585	-44.225	1975,685	-18,982	6,197	27607	27770	26106
	SAO LUIZ	-2.505	-44.225	1983,14	-19,729	3,569	27210	27263	25612
	SAO LUIZ	-2.505	-44.225	1983,14	-19,78	3,569	27213	27266	25607
	SAO LUIZ	-2.505	-44.225	1987,197	-20,01	2,029	27148	27166	25510
	SAO LUIZ	-2.505	-44.225	1987,197	-20,111	2,015	27138	27155	25483
	SAO LUIZ	-2.505	-44.225	1995,661	-20,7	-0,995	26748	26753	25022
	SAO LUIZ	-2.581	-44.239	2003,734	-20,892	-4,058	26262	26329	24536
155	SAO MARTI	-29.443	-53.820	2000,645	-11,975	-34,451	18933	22960	18521
	SAO MARTI	-29.443	-53.820	2004,92	-13,442	-34,235	18751	22681	18237
	SAO MARTI	-29.443	-53.820	2005,458	-13,357	-34,391	18667	22622	18162
	SAO MARTI	-29.443	-53.820	2007,781	-13,051	-35,39	18597	22812	-13212
	SAO MARTI	-29.443	-53.820	2009,878	-13,279	-35,9	18424	22745	-13370
156	SAO PAULC	-23.548	-46.742	1913,619	-7,517	-14,567	24629	25448	24418
	SAO PAULC	-23.548	-46.742	1943,447	-11,531	-18,916	23505	24847	23030
	SAO PAULC	-23.548	-46.742	1951,197	-12,531	-20,117	23004	24499	22456
	SAO PAULC	-23.548	-46.742	1951,218	-12,35	-20,166	23033	24538	22500
	SAO PAULC	-23.548	-46.742	1953,437	-12,932	-20,617	22929	24498	22347
	SAO PAULC	-23.548	-46.742	1959,4	-13,467	-21,833	22488	24226	21869
	SAO PAULC	-23.548	-46.742	1965,067	-14,531	-22,767	22177	24051	21467
	SAO PAULC	-23.548	-46.742	1975,937	-16,083	-25,298	21443	23718	20604
157	SAO PEDRC	-22.816	-42.092	1987,093	-21,354	-32,062	20457	24140	19053
	SAO PEDRC	-22.816	-42.092	1987,093	-20,336	-31,915	20490	24140	19213
158	SINOP	-11.848	-55.539	2004,418	-16,038	-8,13	24089	24334	23151
159	TABATINGA	-4.250	-69.933	1988,931	-4,34	16,37	27566	28731	27487
	TABATINGA	-4.250	-69.933	1995,89	-5,624	15,531	27212	28244	27081
	TABATINGA	-4.251	-69.939	2005,843	-7,122	14,425	26635	27502	6851
160	TAUBATE	-23.020	-45.555	1913,55	-8,649	-14,3	24595	25382	24315
	TAUBATE	-23.020	-45.555	1923,76	-10,281	-15,717	24129	25067	23742
	TAUBATE	-23.038	-45.516	1992,208	-19,333	-30,416	20127	23340	18992
	TAUBATE	-23.038	-45.516	2000,161	-20,19	-32,694	19484	23153	18287
	TAUBATE	-23.038	-45.516	2000,161	-20,09	-32,729	19463	23137	18279
161	TEFE	-3.358	-64.715	1952,259	-2,865	20,364	29250	31200	29213
	TEFE	-3.358	-64.710	1952,269	-2,865	20,315	29260	31201	29223
	TEFE	-3.358	-64.710	1958,598	-3,697	19,864	28974	30807	28913
	TEFE	-3.358	-64.710	1965,796	-4,697	19,298	28555	30256	28460
	TEFE	-3.352	-64.695	1978,701	-6,873	18,034	27689	29120	27490
	TEFE	-3.350	-64.700	1984,703	-7,806	17,239	27416	28706	27162

	TEFE	-3.350	-64.700	1988,921	-8,5	16,489	27237	28406	26938
	TEFE	-3.350	-64.700	1995,89	-9,661	15,277	26926	27913	26544
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162	TERESINA	-5.087	-42.812	1930,369	-15	12,015	28344	28979	27378
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	TERESINA	-5.060	-42.820	1983,109	-20,375	-2,388	26426	26449	24772
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	TERESINA	-5.039	-42.803	2003,926	-21,461	-10,324	25356	25774	23598
	TERESINA	-5.039	-42.803	2014,65	-21,6	-14,682	24872	25711	23125
163	TIRADENTE	-21.110	-44.178	1998,463	-20,465	-31,1	20100	23475	18832
164	TRAMANDU	-29.956	-50.111	2004,901	-15,564	-37,537	18044	22756	17382
165	TRES LAGO	-20.790	-51.702	1913,927	-3,983	-9,116	25397	25722	25335
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	TRES LAGO	-20.785	-51.705	1953,639	-9,597	-14,215	24032	24792	23696
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166	TRES PASSO	-27.475	-53.929	2007,77	-13,61	-32,792	18925	22512	-12192
167	UBA	-21.125	-42.887	1956,286	-16,298	-20,249	23088	24609	22160
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	UBA	-21.125	-42.878	2017,969	-23,06	-38,716	18261	23404	16802
168	UBERABA	-19.743	-47.937	1915,029	-7,032	-8,949	25371	25684	25180
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169	URUGUAIA	-29.783	-57.034	1914,42	2,183	-23,25	24197	26336	24179
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170	VALENIA A	-13.302	-38.992	2014,732	-23,591	-32,03	20904	24659	19157
171	VILA BELA S	-15.015	-59.967	1992,697	-10,425	-7,426	24111	24315	23713
	VILA BELA S	-15.001	-59.945	2002,942	-12,093	-9,72	23520	23863	22998
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172	VILHENA (F	-12.723	-60.132	1964,447	-6,131	1,616	26390	26401	26239
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175	VITORIA DA	-14.848	-40.825	1952,937	-17,715	-11,515	24993	25507	23808
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	VITORIA DA	-14.866	-40.859	2001,369	-22,583	-27,006	21646	24296	19986
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