STATION	START	END	LAT	LONG	ELEV (US in feet others in metres or feet)	STN NO	STATUS (1=DIGITISED; 2=SCANNED; 3=HARD COPY)	SOURCE & REMARKS	BEING DIGITISED BY	PROJECT/INITIATIVE
AFRICA										
Mersa Matruh, Egypt	1919	1957	31.367	27.233			2	NOAA Central Library		
Mersa Matruh, Egypt	19231031	19300228	31.367	27.233			3	UK Daily Weather Reports		
Salum Observatory, Egypt	1920	1940	31.517	25.183			2	NOAA Central Library		
Salum, Egypt	1945	1957	31.517	25.183			2	NOAA Central Library		
Sidi Barrani	1911	1914	31.617	25.9			2	NOAA Central Library		
Damietta, Egypt	1907	1957	31.417	31.817			2	NOAA Central Library		
Damanhur, Egypt	1929	1957	31.033	30.467			2	NOAA Central Library		
Mansura, Egypt	1914	1957	31.043	31.3767			2	NOAA Central Library		
Cairo, Egypt	180001010700	180012311500	30.08	31.28			1	Google Book Search		
Abbassia, Cairo, Egypt	186901	195012	30.08	31.28			3	World Weather Records have monthly values for this period		
Abbassia, Cairo, Egypt	1900	1947	30.08	31.28			2	NOAA Central Library		
Cairo, Egypt	19160504	19300228	30.08	31.28			3	UK Daily Weather Reports		
Qorashia (Cairo), Egypt	191001100800	1925	30.847	31.123			2	NOAA Central Library		
Zagazig, Egypt	1913	1957	30.583	31.5			2	NOAA Central Library		
El Arish, Egypt	1914	1947	31.083	33.817			2	NOAA Central Library		
Port Said, Egypt	188301010700	188612311700	31.26	32.3	6		2	French Annales		
Port Said, Egypt	188701	190512311700	31.26	32.3	6		2	French Annales		
Port Said, Egypt	1906	1957	31.26	32.3			2	NOAA Central Library		
Ismailia, Egypt	188301011100	191312311700	30.6	32.27	8.76		2	French Annales + Jesuit records - Ebro Observatory		
Tor, Egypt	1906	1957	28.23	32.62			2	NOAA Central Library		
Suez, Egypt	188401	191312311700	29.98	32.52	3.4		2	French Annales		
Suez, Egypt	1907	1957	29.98	32.52			2	NOAA Central Library		
Hurghada, Egypt	1927	1957	27.233	33.85			2	NOAA Central Library		
Quseir, Egypt	1927	1957	26.133	34.3			2	NOAA Central Library		
Alexandria, Egypt	187601010900	188112310900	31.2	29.95			1	EMULATE Austrian Year Books		
Alexandria, Egypt	187601010900	189612312100	31.2	29.95			2	Austrian Year Books		
Alexandria, Egypt	190101	190406	31.2	29.95			3	UK Climatological Returns		
Alexandria, Egypt	1906	1957	31.2	29.95			2	NOAA Central Library		
Alexandria, Egypt	19160504	19220631	31.2	29.95			3	UK Daily Weather Reports		
Kom el Nadura, Alexandria, Egypt	188801	195012	31.2	29.88			3	World Weather Records have monthly values for this period		
Mehalia el Kubra, Egypt	1907	1957	30.97	31.18			2	NOAA Central Library		
Helwan. Egypt	1906	1957	29.87	31.33			3	NOAA Central Library + Jesuit records - Ebro Observatory		
Tanta, Egypt	1927	1957	30.783	31			2	NOAA Central Library		
Ezbekiya (Cairo), Egypt	1909	1957	30.05	31.25			2	NOAA Central Library		
Giza, Egypt	1906	1957	30.05	31.22			2	NOAA Central Library		
Giza, Egypt	1911	1926	30.05	31.22			3	Jesuit records - Ebro Observatory		
Giza, Egypt	1931	1932	30.05	31.22			3	Jesuit records - Ebro Observatory		
Qasar el Gebali	190709220800	1908	29.344	30.633			2	NOAA Central Library		
Qasar el Gebali	1918	1931	29.344	30.633			2	NOAA Central Library		
Minya, Egypt	1907	1957	28.00	30.767			2	NOAA Central Library		
Faiyum, Egypt	1928	1957	29.300	30.85			2	NOAA Central Library		
Assuit, Egypt	1906	1957	27.05	31.02			2	NOAA Central Library		
Siwa, Egypt	1911	1957	29.2	25.483			2	NOAA Central Library		
Bahariya, Egypt	1932	1957	28.333	28.9			2	NOAA Central Library		
Kharga Oasis, Egypt	1926	1957	25.45	30.533			2	NOAA Central Library		
Dakhla Oasis, Egypt	1906	1957	25.483	28.992			2	NOAA Central Library		
Qena, Egypt	1913	1957	26.167	32.717			2	NOAA Central Library		
Aswan, Egypt	1906	1957	23.95	32.78			2	NOAA Central Library		
Wadi Halfa, Sudan	1906	1957	21.82	31.48			2	NOAA Central Library		
Merowe, Sudan	1906	1957	18.49	31.83			2	NOAA Central Library		
Berber, Sudan	1906	1906	18.0167	33.983			2	NOAA Central Library		
Atbara, Sudan	1906	1957	17.7	33.97			2	NOAA Central Library		
Suakin, Sudan	1906	1957	19.12	37.33			2	NOAA Central Library		
Khartoum, Sudan	190007	193608	15.62	32.55			3			
Khartoum, Sudan	1906	1957	15.62	32.55			2	NOAA Central Library		
Kassala, Sudan	1906	1957	15.47	36.4			2	NOAA Central Library		
Port Sudan, Sudan	1906	1947	19.617	37.217			2	NOAA Central Library		
Gallabat, Sudan	1906	1957	12.97	36.17			2	NOAA Central Library		
Wad Medani, Sudan	1906	1957	14.4	33.48			2	NOAA Central Library		
Rosaeires, Sudan	1906	1957	11.92	34.5			2	NOAA Central Library		
Dueim, Sudan	1906	1957	14	32.33			2	NOAA Central Library		
El Fasher, Sudan	1918	1947	13.533	25.3			2	NOAA Central Library - TEMP ONLY		
Geneina, Sudan	1937	1947	13.48	22.45			2	NOAA Central Library		
El Obeid, Sudan	1906	1957	13.17	30.23			2	NOAA Central Library		
Kodok, Sudan	1906	1957	9.88	32.13			2	NOAA Central Library		
Wau, Sudan	1907	1947	7.7	28.02			2	NOAA Central Library		
Mongalla, Sudan	1906	1957	5.18	31.78			2	NOAA Central Library		
Malakal, Sudan	1915	1947	9.533	31.65			2	NOAA Central Library		
Malakal, Sudan	19361001	19670930	9.533	31.65			3	Meteo France		
Juba, Sudan	1925	1947	4.85	31.617			2	NOAA Central Library		
Juba, Sudan	19380301	19891130	4.85	31.617			3	Meteo France		
Berbera, Somalia	18541117	18550307	10.43	45.017			3			
Berbera, Somalia	190812010700	192512311700	10.43	45.017			2	BADC WWW site MO Archives		
Berbera, Somalia	191507010900	195012311500	10.43	45.017			3	UK Climatological Returns		
Zaila, Somalia	19100101	19101231	11.35	43.5			2	BADC WWW site MO Archives		
Cape Juby, Morocco	188306010900	189505312100	27.95	-12.93			2	UK Climatological Returns		
Cape Spartel, Morocco	189305010900	192012312100	35.78	-5.92			2	UK Climatological Returns		
Rabat, Morocco	19240407	19300228	34.05	-6.767			3	UK Daily Weather Reports		
Rabat, Morocco	19240101	19361231	34.05	-6.767			1	CIRCE - Mestre		
Rabat, Morocco	19460701	19610228	34.05	-6.767			1	CIRCE - Mestre		
Casablanca, Morocco	186703051000	186705151500	33.95	-7.62			1			
Casablanca, Morocco	190809010700	191112311900	33.95	-7.62	18		2	French Annales		
Casablanca, Morocco	189609010830	19070430830	33.5	-8			3	UK Climatological Returns		
Casablanca, Morocco	19120101	19131231	33.95	-7.62	20		2			
Casablanca, Morocco	19240101	19361231	33.95	-7.62			1	CIRCE - Mestre		
Casablanca, Morocco	19460701	19621231	33.95	-7.62			1	CIRCE - Mestre		
Fez, Morocco	19330201	19361231	32.042	-5.001			1	CIRCE - Mestre		
Fez, Morocco	19460701	19621231	32.042	-5.001			1	CIRCE - Mestre		
Meknes, Morocco	19240101	19361231	33.917	-5.5			1	CIRCE - Mestre		
Meknes, Morocco	19480201	19621231	33.917	-5.5			1	CIRCE - Mestre		
Mazagan, Morocco	190801010900	191011302100	33.27	-8.52	8		2	French Annales		
Oudjda, Morocco	19120101	19141231	34.75	-1.92	579		2			
Tananarive, Madagascar	182901010600	182903250600	-18.93	47.6			1	Google Book Search		
Tananarive, Madagascar	188902010700	189112311800	-18.93	47.6	1360		1	French Annales		
Tananarive, Madagascar	189501010700	189507311800	-18.93	47.6	1400		1			
Tananarive, Madagascar	18960801	19891231	-18.93	47.6			3	Meteo France		
Antananarivo, Madagascar	1903	1917	-18.93	47.6			3	UK Climatological Returns		
Tananarive, Madagascar	191001010700	191312311800	-18.93	47.6	1400		1			
Tananarive, Madagascar	192401010700	195812311800	-18.93	47.6	1400		2	NOAA Central Library		
Tamatave, Madagascar	18810301	18820331	-18.17	49.4			3	UK Climatological Returns		
Tamatave, Madagascar	188901010700	18951231	-18.17	49.4	3.3		2	French Annales		
Tamatave, Madagascar	18980401	19450731	-18.17	49.4			3	Meteo France		
Tamatave, Madagascar	190101010700	191310311800	-18.17	49.4	4		2	French Annales		
Tamatave, Madagascar	193301010700	193612310700	-18.17	49.4			2	NOAA Central Library		
Majanga, Madagascar	189009	189012	-15.72	46.32			3	Meteo France		
Mojanga, Madagascar	189204011100	190311301700	-15.72	46.32	136		3	UK Climatological Returns		
Majanga, Madagascar	18970101	19891231	-15.72	46.32			3	Meteo France		
Majanga, Madagascar	193301010700	193612310700	-15.717	48.3			2	NOAA Central Library		
Farafangana, Madagascar	18881001	18910131	-22.817	47.833			3	UK Climatological Returns		
Farafangana, Madagascar	19020101	19891130	-22.817	47.833			3	Meteo France		
Diego Suarez, Madagascar	189001	1893	-12.3	49.183			3	Meteo France		
Diego Suarez, Madagascar	193301010700	193612310700	-12.3	49.183			2	NOAA Central Library		
Diego Suarez, Madagascar	19370801	19891231	-12.3	49.183			3	Meteo France		
Fort Dauphin, Madagascar	189005	1893	-25.02	46.933			3	Meteo France		
Fort Dauphin, Madagascar	19030501	19570630	-25.02	46.933			3	Meteo France		
Fort Dauphin, Madagascar	193301010700	193612310700	-25.02	46.933			2	NOAA Central Library		
Ambohimandroso, Madagscar	189010		-18.75	45.983			3	Meteo France		
Amboslta, Madagscar	189007	189105	-20.5167	47.25			3	Meteo France		
Analalava, Madagascar	19010101	19830228	-14.633	47.767			3	Meteo France		
Ankazobe, Madagascar	18971201	19051130	-18.3167	47.1167			3	Meteo France		
Antalaha, Madagascar	19050101	19891231	-14.883	50.25			3	Meteo France		
Arivonimamo, Madagascar	1889	1893	-19.0167	47.1833			3	Meteo France		
Betafo, Madagascar	189004		-19.8333	46.85			3	Meteo France		
Fianarantsoa, Madagascar	1889	1893	-21.4	47.1			3	Meteo France		
Fianarantsoa, Madagascar	19440101	19570630	-21.4	47.1			3	Meteo France		
Ihosy, Madagascar	19011110	19590131	-22.4	46.1167			3	Meteo France		
Maevatanana, Madagascar	19010701	19891231	-16.95	46.833			3	Meteo France		
Mahanoro, Madagascar	19030701	19890430	-19.833	48.8			3	Meteo France		
Manakara, Madagascar	19280201	19631231	-22.1197	48.02167			3	Meteo France		
Mananjary, Madagascar	189102	189106	-21.2	48.367			3	Meteo France		
Mananjary, Madagascar	19010601	19891231	-21.2	48.367			3	Meteo France		
Nos-Vey, Madagascar	189010	1893	-13.317	48.317			3	Meteo France		
Nossi-Be, Madagascar	19010601	19891130	-13.317	48.317			3	Meteo France		
Tulear, Madagascar	19080801	19891231	-23.383	43.733			3	Meteo France		
Vohemar, Madagascar	189009	1893	-13.367	50			3	Meteo France		
Vohemar, Madagascar	19080801	19891231	-13.367	50			3	Meteo France		
Vatomandry, Madagascar	19010701	19541231	-19.3333	48.9833			3	Meteo France		
Tsihombe, Madagascar	19250801	19570630	-25.32	45.48			3	Meteo France		
Soalala, Madagascar	19281010	19810831	-16.1	45.3566			3	Meteo France		
Bathurst, Gambia	184209050600	184210072200	13.45	-16.57			1			
Bathurst, Gambia	186901010900	18692311500	13.45	-16.57			3	UK Climatological Returns		
Bathurst, Gambia	188701010800	188812312000	13.45	-16.57			3	UK Climatological Returns		
Bathurst, Gambia	1891	1900	13.45	-16.57			3	MO Archives		

Bathurst, Gambia	1907	1925	13.45	-16.57		3 MO Archives		
Bathurst, Gambia	1910	1937	13.45	-16.57		3 MO Archives (Colonial Blue Books)		
Bathurst, Gambia	1945	1949	13.45	-16.57		3 MO Archives		
Rhadames, Algeria	18650701	18650831	30.15	9.05		2 Google Book Search		
Musurk, Libya	18651101	18660323	25.92	14.17		2		
Agadez, Niger	19260401	19901231	16.983	7.983		3 Meteo France		
Bilma, Niger	19260601	19891231	18.683	12.917		3 Meteo France		
Niamey, Niger	19041101	19891231	13.517	2.1		3 Meteo France		
Zinder, Niger	19131101	19891231	13.8	9		3 Meteo France		
Schimmedru, Niger	18660501	18660620	18.95	13.28		2		
Kipo Hill Mission, Nigeria	18810401	18810731	6.55	3.233		2 MO Archives		
Benin River, Nigeria	18911101	18920531	5.9	5.667		2 MO Archives		
Old Calabar, Nigeria	18980201	19010630	4.933	8.3		2 MO Archives		
Old Calabar, Nigeria	190312	190412	4.933	8.3		2 MO Archives		
Kuku, Nigeria	18660801	18661231	12.9	13.4		2		
Algiers, Algeria	18290101	18290531	36.76	3.1		2 Google Book Search		
Algiers, Algeria	183008310900	183109301600	36.76	3.1		2		
Algiers, Algeria	18631101	18640531	36.76	3.1		2 Google Book Search		
Algiers, Algeria	187203030700	188112310700	36.76	3.1		1 EMULATE + Algerian DWR		
Algiers, Algeria	1880	1908	36.76	3.1		3 Jesuit records - Ebro Observatory		
Algiers, Algeria	19160504	19240406	36.76	3.1		3 UK Daily Weather Reports		
Bouzareah, Algeria	189401	195012	36.8	3.03		3 World Weather Records Monthly - must be daily data somewhere		
Oran, Algeria	1856	1860	35.73	3.03		3 Jesuit records - Ebro Observatory		
Oran, Algeria	185812011000	186011301600	35.73	3.03	50	3 La Météorologie + Algerian DWR		
Oran, Algeria	186412011000	186609301600	35.73	3.03	50	3 La Météorologie + Algerian DWR		
Oran, Algeria	186701011000	186712311600	35.73	3.03	50	3 La Météorologie + Algerian DWR		
Oran, Algeria	19240407	19300228	35.73	3.03		3 Daily Weather Reports		
Biskra, Algeria	184512010800	184612312100	34.8	5.73		2 Google Book Search		
Biskra, Algeria	1875	188112310700	34.8	5.73	124.6	1 EMULATE + Algerian DWR		
Aoulef, Algeria	1931	1950	27.067	1.1		3 Meteo France		
Beni-Abbes, Algeria	1931	1950	30.133	-2.183		3 Meteo France		
El Golea, Algeria	1930	1950	30.417	2.867		3 Meteo France		
Ouallen, Algeria	1932	1950	24.6	1.233		3 Meteo France		
Mogador, Morocco	187201010700	187912310700	31.5	-9.73		1 EMULATE + Algerian DWR		
Mogador, Morocco	187801010700	18791231	31.5	-9.73	16.6	2 French Annales		
Mogador, Morocco	1875	1884	31.5	-9.73		2 International Simultaneous	**Gail Willetts**	**ACRE**
Mogador, Morocco	189404010700	18981231	31.52	-9.78	10	2 German Colonial + French Annales + Bulletin International		
Mogador, Morocco	190506010800	191112312000	31.5	-9.73	16.6	2 French Annales		
Maroc/Marrakech, Morocco	188601010100	188703310100	31.62	-7.61	410	2 French Annales		
Marrakech, Morocco	191101010900	191207312100	31.45	-8	500	2 French Annales		
Sidi Ali Azemmour	191101010700	191112312100	33.38	-8.23	18	2 French Annales		
Settat, Morocco	190901010700	191112311900	33.03	-7.28	368	2 French Annales		
Tanger, Morocco	191010010800	191112310800	35.78	-5.82	60	2 French Annales		
Conakary, French Guinea	190901010700	191212312100	9.52	-14.72	16	2 French Annales		
Conakary, French Guinea	193107010700	2009	9.52	-14.72	16	3 MO Archives French Overseas Colonies must be at MeteoFrance		
Saint Louis Hospital, Senegal	18510501	19041030	16.03	-16.52		3 Meteo France		
Saint Louis, Senegal	187311010900	187607310900	16.03	-16.52		2 French International Bulletin		
Saint Louis, Senegal	18751231	19030331	16.03	-16.52		3 Meteo France		
Saint Louis, Senegal	189201011054	191312312100	16.03	-16.52	4.9	2 French Annales		
Saint Louis, Senegal	19041101	19831231	16.03	-16.52		3 Meteo France		
Saint Louis, Senegal	193201010800	2009	16.03	-16.52		3 MO Archives French Overseas Colonies must be at MeteoFrance		
Dakar Hospital, Senegal	18980501	19401001	14.661	-17.435		3 Meteo France		
Dakar, Senegal	193107010700	2009	14.66	-17.44	32	3 MO Archives French Overseas Colonies must be at MeteoFrance		
Goree, Senegal	18530601	19180228	14.66	-17.4		3 Meteo France		
Goree, Senegal	1875	1884	14.66	-17.4		2 International Simultaneous	**Gail Willetts**	**ACRE**
Goree, Senegal	193107010700	1940	14.66	-17.4	10	3 MO Archives French Overseas Colonies must be at MeteoFrance		
Bambey, Senegal	19230101	19631231	14.717	-16.617		3 Meteo France		
Tambacounda, Senegal	19230301	19891231	13.767	-13.683		3 Meteo France		
Bolama, Guinea	1911	1917	11.57	15.45	5	2 iDL Archives, Portugal		
Bolama, Guinea	1924	1946	11.57	15.45	5	2 iDL Archives, Portugal		
Port Etienne, Mauritania	190802010700	191312312100	20.95	-17.05	27.5	2 French Annales		
Port Etienne, Mauritania	193107010700	2009	20.95	-17.05	4	3 MO Archives French Overseas Colonies must be at MeteoFrance		
Nouakchott, Mauritania	19340801	19831231	18.117	-15.933		3 Meteo France		
Nouadhibou, Mauritania	19060701	19831231	20.933	-17.033		3 Meteo France		
Tidikja, Mauritania	19070101	19831231	18.567	-11.433		3 Meteo France		
Akjoujt, Mauritania	19360601	19891231	19.75	-14.367		3 Meteo France		
Atar, Mauritania	19260101	19831231	20.517	-13.067		3 Meteo France		
Boutilimit, Mauritania	19340701	19680531	17.533	-14.683		3 Meteo France		
Nemours, Algeria	1875	19141231	36.1	-2.85	6.2	2 French Annales + Algerian DWRs		
Cap Caxine/Alger, Algeria	187801010700	19141231	36.8	3.03	37.6	2 French Annales		
Sidi Bel Abbes, Algeria	187801010700	19110930	35.03	-0.65	476.1	2 French Annales		
Orleansville, Algeria	187801010700	19141231	36.17	2.65	117.4	2 French Annales		
Setif, Algeria	185501010600	18551231	36.18	5.43		2 La Météorologie		
Setif, Algeria	187801010700	19141231	36.18	5.43	1086.1	2 French Annales		
Guelma, Algeria	187801010700	19141231	36.47	7.45	279.4	2 French Annales		
Geryville, Algeria	185611010930	185701311700	33.75	1.17		2 La Météorologie		
Geryville, Algeria	1875	19131231	33.75	1.17	1305.6	2 French Annales		
Laghouat, Algeria	1875	19141031	33.8	2.85	770	2 French Annales + Algerian DWRs		
La Calle, Algeria	1875	19141231	36.9	8.43	10	2 Algerian DWRs		
Bizerte, Tunisia	1887	1904	37.25	9.8		3 Jesuit records - Ebro Observatory		
Bizerte, Tunisia	18990401	19380430	37.25	9.8		1 CIRCE - Mestre		
Bizerte, Tunisia	19240407	19300228	37.25	9.8		3 UK Daily Weather Reports		
Bizerte, Tunisia	19440801	19590430	37.25	9.8		1 CIRCE - Mestre		
Bizerte, Tunisia	19581001	19611130	37.25	9.8		1 CIRCE - Mestre		
Gabes, Tunisia	188601010600	188912312130	33.89	10.11	4.6	2 French Annales		
Gabes, Tunisia	19251201	19360331	33.89	10.11		1 CIRCE - Mestre		
Gabes, Tunisia	19460801	19570331	33.89	10.11		1 CIRCE - Mestre		
Tunis, Tunisia	1875	18780131	36.78	10.18	14	2 Algerian DWRs + International Simultaneous	**Gail Willetts**	**ACRE**
Tunis, Tunisia	18870201	18921130	36.78	10.18	40	2 French Annales		
Tunis, Tunisia	19020101	19141231	36.8	10.17	43	2 French Annales		
Tunis, La Manoubia, Tunisia	1921010700	1932121900	36.797	10.163	66	2 NOAA Central Library		
Tunis, El Aouina, Tunisia	19250301	19360430	36.848	10.256		1 CIRCE - Mestre		
Tunis, El Aouina, Tunisia	19460801	19570331	36.848	10.256		1 CIRCE - Mestre		
Sfax, Tunisia	18870101	18910630	34.73	10.77	140	2 French Annales		
Sfax, Tunisia	19020101	19041231	34.73	10.75	8	2 French Annales		
Sfax, Tunisia	19460801	19570531	34.73	10.75		1 CIRCE - Mestre		
Metlaoui, Tunisia	1905	1913	34.37	8.27		3 Jesuit records - Ebro Observatory		
Metlaoui, Tunisia	19070101	19131231	34.37	8.27	225.7	2 French Annales		
Tripoli, Libya	188401011200	188912311200	32.88	13.18	20	2 French Annales		
Tripolis, Berberei	188908150700	189512312100	32.9	13.18	7	2 German Colonial		
Tripoli, Libya	19160504	19201101	32.9	13.18		3 UK Daily Weather Reports		
Benghasi, Libya	192701010900	193112312100	32.095	20.061		2 NOAA Central Library		
Benghasi, Libya	19270201	19300228	32.095	20.061		3 UK Daily Weather Reports		
Saint George d'Elmina, Ghana	18501201	18621130	5.083	-1.348		1 KNMI		
San Salvador ann de Congo	18830701	18871231	-6.28	14.88	559	1 SIGN		
San Salvador ann de Congo	18850101	18861231	-6.28	14.88	559	1 KNMI		
San Salvador ann de Congo	1911	1926	-6.28	14.88	559	3		
San Salvador ann de Congo	1931	1936	-6.28	14.88	559	3		
Brazzaville, Stanley-Pool, Congo	18910924	18951031	-4.282	15.489		1 KNMI		
Brazzaville, Congo	18971101	19491231	-4.28	15.33		3 Meteo France		
Brazzaville, Congo	190406010800	191312311600	-4.28	15.33	354	2 French Annales		
Mayumba, Congo	190101010630	191312310700	-3.42	10.63	65	2 French Annales		
Libreville, Congo	190501010800	190612311600	0.38	9.43	35	2 French Annales		
Mousembe, Congo	19020501	19030131	1.2	18.5		3 UK Climatological Returns		
Quesso, Congo	19320801	19901231	1.617	16.05		3 Meteo France		
Impfondo, Congo	19310901	19901231	1.617	18.067		3 Meteo France		
Pointe Noire, Congo	19311001	19901231	4.817	11.9		3 Meteo France		
Port Gentil, Gabon			-0.717	8.75		3 Meteo France		
Bolobo, Zaire	18911101	18920630	-2.167	16.217	1080	3 Private Diary MO Archives		
Bolobo, Zaire	189401	189409	-2.167	16.217		2 MO Archives		
Grand Bassam, Ivory Coast	18871101	18900430	5.19	-3.72	30	3 UK Climatological Returns		
Grand Bassam, Ivory Coast	18981001	19171231	5.19	-3.72		3 Meteo France		
Grand Bassam, Ivory Coast	190501010700	190912312100	5.4	-3.58	3	2 French Annales		
Bingerville, Ivory Coast	191009010700	191110311900	5.35	-3.88	75	2 French Annales		
Abidjan, Ivory Coast	19311001	2009	5.25	-3.93		3 MO Archives		
Kumasi, Ghana	189901010900	194805311400	6.67	-1.62		3 UK Climatological Returns		
Accra, Ghana	1891	1892	5.6	-0.17		3 Accra Observatory - MO Archives		
Accra, Ghana	189310010900	195812310900	5.6	-0.17		3 UK Climatological Returns		
Kayes, Mali	18960601	19901231	14.42	-11.57		3 MO Archives		
Kayes, Mali	190501010700	191212312100	14.42	-11.57	60	2 French Annales		
Bangui, Central African Republic	190704010800	190812311600	4.35	18.6	372	2 French Annales		
Bangui, Central African Republic	19310101	19941231	4.35	18.6		3 Meteo France		
Bouar, Central African Republic	19340101	19940731	5.967	15.633		3 Meteo France		
Bouca, Central African Republic	19330601	19670531	6.5	18.267		3 Meteo France		
Ouagadougou, Burkina Faso	19020601	19831231	12.333	-2.517		3 Meteo France		
Ouahigouya, Bukina Faso	19320101	19901231	13.567	-2.417		3 Meteo France		
Gaoua, Burkina Faso	19330101	19901231	10.333	-3.183		3 Meteo France		
Fada M Gourma, Burkina Faso	19320101	19901231	12.033	0.367		3 Meteo France		
Dori Mariove, Burkina Faso	19320101	19901231	14.033	-0.033		3 Meteo France		
Bobo-Dioulasso, Burkina Faso			11.167	-4.3		3 Meteo France		
Tombouctou, Mali	18971101	19901231	16.72	-2.83		3 Meteo France		
Tombouctou, Mali	190704010800	191312312100	16.72	-2.83	250	2 French Annales		
Bamako, Mali	193112010800	2009	12.63	-8.02	331	3 MO Archives		
Segou, Mali	19361101	19901231	13.4	-6.15		3 Meteo France		
Mopti, Mali	19240901	19901231	14.5	-4.2		3 Meteo France		
Gao, Mali	19320201	19881231	16.267	-0.05		3 Meteo France		

Abecher, Chad	19280601	19651231	13.817	20.783		3 Meteo France		
Fort Archambault, Chad	19270901	19651231	9.317	18.4		3 Meteo France		
Fort Lamy, Chad	19030501	19651031	12.112	15.035		3 Meteo France		
Kano, Nigeria	190705010900	195612311200	12.03	8.53		3 UK Climatological Returns		
Lagos, Nigeria	188601	189705	6.45	3.4		3 Colonial Surgeon, Government Gazette		
Lagos, Nigeria	189106010800	190105301600	6.45	3.4		2 UK Climatological Returns		
Lagos, Nigeria	1891	1942	6.45	3.4		3 UK Climatological Returns		
Lagos, Nigeria	19220101	19561231	6.45	3.4		3 UK Climatological Returns		
Akassa, Nigeria	18870201	18901231	4.33	6.33		3 UK Climatological Returns		
Zungeru, Nigeria	190705010900	192505310900	9.8	6.28		3 UK Climatological Returns		
Minna, Nigeria	191407010900	192103310900	9.67	6.5		3 UK Climatological Returns		
Maiduguri, Nigeria	190705010900	195612310900	11.85	13.08		3 UK Climatological Returns		
Kaduna, Nigeria	191610010900	193612310900	10.53	7.42		3 UK Climatological Returns		
Sokoto, Nigeria	19070501	19480531	13.33	5.23		3 UK Climatological Returns		
Yola, Nigeria	19070501	19480401	9.2	12.5		3 UK Climatological Returns		
Zaria, Nigeria	19070501	19211031	11.13	7.68		3 UK Climatological Returns		
Freetown, Sierra Leone	18220310	18220402	8.5	-13.23		2 Google Book Search		
Freetown, Sierra Leone	18600801	18601001	8.5	-13.23		2 Google Book Search		
Freetown, Sierra Leone	187411010900	19480630	8.5	-13.23		2 UK Climatological Returns	MO LIBRARY	ACRE
Freetown, Sierra Leone	1875	1884	8.500	-13.23		2 International Simultaneous	Gail Willetts	ACRE
Sao Tome, São Tomé and Príncipe	18220528	18220610	0.35	6.74		2 Google Book Search		
Sao Tome, São Tomé and Príncipe	18730301	18870430	0.35	6.71	5	1 SIGN		
Sao Tome, São Tomé and Príncipe	18801131	18900131	0.35	6.74		3 Meteo France		
Sao Tome, São Tomé and Príncipe	19160901	19451130	0.35	6.74		3 Meteo France		
Sao Tome, São Tomé and Príncipe	19170101	19221231	0.35	6.71	5	2 IDL Archives, Portugal		
Sao Tome, São Tomé and Príncipe	18871001	18890228	0.37	6.683		2 UK Climatological Returns		
Principe Island, São Tomé and Príncipe	18890801	18940131	1.667	7.45		2 UK Climatological Returns		
Sao Tome, São Tomé and Príncipe	1953	1965	0.35	6.74		3 UK Climatological Returns - Boletim mensal		
Rubaga, Kampala, Uganda	18780406	18800331	0.3	32.55		2 Private Diary, Church Mission Station - MO Archives		
Rubaga, Kampala, Uganda	18810101	18861227	0.3	32.55		2 Private Diary, Church Mission Station - MO Archives		
Entebbe, Uganda	189303180815	189305310815	0.72	32.48	4150	1 Colonial Blue Books MO Archives		
Entebbe, Uganda	190201010700	192812312100	0.72	32.48	4150	1 Colonial Blue Books MO Archives		
Entebbe, Uganda	19010101	19301231	0.72	32.48		3 UK Climatological Returns		
Natete Hill, Uganda	188003280900	188707061215	0.31	32.56		2 BADC WWW site MO Archives UK Climatological returns		
Namirembe, Uganda	189303180815	189402030815	0.333	32.567	4150	2 BADC WWW site MO Archives UK Climatological returns		
Namirembe, Uganda	189510010815	189609210815	0.333	32.567	4150	2 BADC WWW site MO Archives UK Climatological returns		
Kampala, Uganda	19071001	19201231	0.317	32.583		3 UK Climatological Returns		
Walvis Bay, Namibia	188512150700	189612312100	-22.94	14.44	3	1 German Colonial		
Zanzibar, Tanzania	18810401	18820630	-6.17	39.18		3 UK Climatological Returns		
Bagayamo, Zanzibar, Tanzania	189201170700	189411262100	-6.42	38.88	15	1 German Colonial		
Zanzibar, Tanzania	1893	1899	-6.17	39.18		2 Indian Monsoon Charts	Gail Willetts	ACRE
Zanzibar, Tanzania	189512010100	189612312400	-6.17	39.18		1 German Colonial		
Zanzibar, Tanzania	188906	1956	-6.17	39.18		3		
Zanzibar, Tanzania	193105	193204	-6.17	39.18		3 Meteorological Observations MO Archives		
Zanzibar, Tanzania	188104011000	188206301600	-6.16	39.19		2 BADC WWW site		
Daressalam, Tanzania	189510010700	191212312100	-6.82	39.3	13.5	1 German Colonial		
Kilwa, Tanzania	188405070900	18840805	-8.79	39.65		2 UK Climatological Returns		
Kilwa, Tanzania	189111071400	189212	-8.79	39.65	18	2 German Colonial		
Lindi, Tanzania	189107010700	189212312100	-10	39.73	5.9	2 German Colonial		
Lindi, Tanzania	189412010700	189911302000	-10	39.73	8	2 German Colonial		
Tanga, Tanzania	189201010700	189212312100	-5.07	39.12	25.6	2 German Colonial		
Tanga, Tanzania	189508010700	189908	-5.07	39.12	25.6	2 German Colonial		
Tanga, Tanzania	190109130700	190412311600	-5.07	39.12	25.6	2 German Colonial		
Mohoro, Grand Comores	189609011400	189905	-8.13	39.15	15	2 German Colonial		
Moschi, Tanzania	190404050700	190410312100	-3.32	37.37	1170	2 German Colonial		
Moschi, Tanzania	190501010700	190612312100	-3.32	37.37	1170	2 German Colonial		
Amani, Tanzania	190501010700	190712312000	-5.10	38.63	911	2 German Colonial		
Neuwied, Tanzania	190501010700	190912312100	-2.00	33.03	1216	2 German Colonial		
Atakpame, Togo	19370701	19901231	7.31741	1.0782		3 Meteo France		
Lome, Togo	19260101	19901231	6.13194	1.22278		3 Meteo France		
Kpeme, Togo	19090408600	190912312000	-6.22	1.53	7	2 German Colonial		
Kpeme, Togo	191201010600	191212312000	-6.22	1.53	7	2 German Colonial		
Sansane Mangu, Togo	191201010700	191312312000	10.35	0.5	160	2 German Colonial		
Sansane Mangu, Togo	19340101	19901231	10.35	0.5		3 Meteo France		
Sokode, Togo	19340101	19901231	8.98333	1.13333		3 Meteo France		
Leudorf, Tanzania	191201010700	191212312100	-3.37	36.83	1250	2 German Colonial		
Marienhof, Tanzania	191201010700	191212312100	-2.00	33.03	1194	2 German Colonial		
Tandala, Democratic Republic of the Congo	191201010700	191212312100	-9.38	34.23	2051	2 German Colonial		
Victoria, Cameroon	191201010600	191212311800	4.05	9.2	15	2 German Colonial		
Ajoshohe, Cameroon	191210070700	191212312100	3.90	12.53	730	2 German Colonial		
Edea, Cameroon	191201011400	191212312000	3.81	10.13	40	2 German Colonial		
Windhuk, Namibia	191201010700	191212312100	-22.57	17.08	1685.3	2 German Colonial		
Swakopmund, Namibia	191201010700	191212312100	-22.67	14.53	10.07	2 German Colonial		
Kuibis, Namiba	191201010700	191212312100	-26.74	16.90	1308	2 German Colonial		
Gadja, Central African Republic	191304050600	191312312000	6.81	0.80	180	2 German Colonial		
Luanda/Loanda (João Capelo), Angola	1879	1895	-8.81	13.46		3 MO Archives		
Luanda/Loanda (João Capelo), Angola	18800101	18871231	-8.81	13.46	59.3	1 SIGN		
Saint Paul de Loanda, Angola	18830701	18831131	-8.82	13.12		2 Broken Record		
Saint Paul de Loanda, Angola	18840301	18840531	-8.82	13.12		2		
Saint Paul de Loanda, Angola	1895	1909	-8.82	13.12		3 MO Archives Some missing data		
Saint Paul de Loanda, Angola	1913	1927	-8.82	13.12		3 MO Archives		
Luanda/Loanda (João Capelo), Angola	19150101	1946	-8.81	13.46	59.3	2 IDL Archives, Portugal		
Luanda/Loanda (João Capelo), Angola	1937	1952	-8.81	13.46		3 MO Archives		
San Salvador do Congo, Angola	18830701	18871231	-6.28	14.88	559	1 SIGN		
San Salvador ann de Congo, Angola	18850101	18861231	-6.28	14.88	559	1 KNMI		
San Salvador do Congo, Angola	1911	1926	-6.28	14.88	559	2 IDL Archives, Portugal		
San Salvador do Congo, Angola	1931	1936	-6.28	14.88	559	2 IDL Archives, Portugal		
Mossamedes, Angola	1913	1936	-15.19	12.16	12.5	2 IDL Archives, Portugal		
Nairobi, Kenya	1900	1927	-1.3	36.8		3 Climatological returns + other in MO Archives		
Mombasa, Kenya	18920801	19031231	-4.07	39.67		2 MO Archives BADC WWW site		
Kisamayu, Kenya	18970401	19031231	-0.33	42.5		2 MO Archives BADC WWW site		
Kisamayu, Kenya	19430301	19500228	-0.33	42.5		3 Climatological Returns		
Witu, Kenya	189212	189305	-2.39	40.453		2 MO Archives		
Ribe, Kenya	1876517	18771231	-3.917	39.667	500	2 MO Archives - Private weather diary		
Shimoni, Wanga, Kenya	18940301	19031231	-4.633	39.35		2 MO Archives BADC WWW site BROKEN RECORD		
Lauderdale, Mlanji	189311	189512	-16.033	35.5	2540	3 MO Archives		
Kibwezi, Kenya	18950101	18980131	-2.417	37.917	2990	3 Climatological Returns		
Zomba, Nyasaland	18881201	18890228	-15.25	35.3		3 Climatological Returns		
Zomba, Nyasaland	189206	189403	-15.25	35.3		2 MO Archives		
Zomba, Nyasaland	189711	189912	-15.25	35.3		3 Meteorological Register MO Archives		
Zomba, Nyasaland	1901	194606	-15.25	35.3		3 Meteorological Observations MO Archives		
Birthday Camp	189207	189312	-22	30.967		2 MO Archives		
Kamerun	188804010700	189203	4.03	9.7	12	2 German Colonial		
Baromi, Kamerun	188803010700	188903310900	4.8	9.5	320	2 German Colonial		
Bismarkburg, Togo	188906010600	189105	8.2	0.57	710	2 German Colonial		
Mikindani, Tanzania	189605060700	189611302100	-10.28	48.13	19	2 German Colonial		
Kwai, Tanzania	189701010700	189911302000	-4.75	38.3	1608	2 German Colonial		
Kilossa, Tanzania	189701012100	189802281400	-6.8	36.98	509	2 German Colonial		
Tabora, Tanzania	189902010700	190712312100	-5.05	32.88	1230	2 German Colonial		
Usumbura, Democratic Republic of the Congo	190105010700	190212312100	-3.35	29.53	800	2 German Colonial		
Usumbura, Democratic Republic of the Congo	190701010700	190712312100	-3.35	29.53	800	2 German Colonial		
Cotonou, Benin	189509150600	18951231	6.32	2.43	10	2 French Annales		
Cotonou, Benin	19320401	2009	6.32	2.43		3 MO Archives Should be in MeteoFrance		
Porto Novo, Dahomey	189601150630	18971231	6.47	2.67	30	2 French Annales		
Porto Novo, Dahomey	190001010800	190909302100	6.47	2.67	20	2 French Annales		
Porto Novo, Dahomey	19320101	2009	6.47	2.67		3 MO Archives Should be in MeteoFrance		
Djougou, Dahomey	190609010800	190707311600	9.67	1.67	442	2 French Annales		
Mozambique, Mozambique	18960101	1897100800	-15	40.75	4.2	2 French Annales		
Mozambique, Mozambique	1913	1917	-15.02	40.75	10	3 French Annales		
Nampula, Mozambique	19240101	19361231	-15.17	39.33	415	2 IDL Archives, Portugal, monthly data		
Lourenco Marques/Maputo, Mozambique	187610010800	187806302000	-25.97	32.62	5	3 MO Archives		
Lourenco Marques/Maputo, Mozambique	19140101	19461231	-25.97	32.62	59	2 IDL Archives, Portugal		
Lourenco Marques/Maputo, Mozambique	19100101	19861231	-25.97	32.62	59	2 NOAA Central Library		
Rikatla, Lourenco Marques, Mozambique	1889	1891	-25.97	32.62		3 MO Archives		
Maputo, Mozambique	19150101	19181231	-25.97	32.62	5.5	3		
Quelimane, Mozambique	19220101	19461231	-17.87	36.87	5.5	2 IDL Archives, Portugal		
Inhambane, Mozambique	19100101	19461231	-23.87	35.4	3	2 IDL Archives, Portugal		
Beira, Mozambique	1903	1915	-19.87	34.9		3 MO Archives		
Beira, Mozambique	19130101	19461231	-19.87	34.9	7	2 IDL Archives, Portugal		
Mossuril, Mozambique	1924	1946	-14.95	40.67	15	2 IDL Archives, Portugal		
Morrebué (Porto Amélia), Mozambique	1933	1946	-13	40.5	60	2 IDL Archives, Portugal		
Cape Town, South Africa	1841	1846	-33.97	18.43		3 Magnetic & Meteorological Observatory		
Cape Town, South Africa	1841	1870	-33.97	18.43		3 MO Archives, Royal Observatory, Cape of Good Hope		
Cape Town, South Africa	187010010900	187509301500	-33.97	18.43		3 UK Climatological Returns		
Cape Town, South Africa	1875	2009	-33.93	18.48		3 World Weather Records Monthly		
Cape St Francis, South Africa	1882	1888	-34.17	24.83		2 International Met Bulletin	Gail Willetts	ACRE
Cape of Good Hope Observatory, South Africa	1875	1884	-34.03	18.483		2 International Simultaneous	Gail Willetts	ACRE
Grahamstown, South Africa	185309010900	187006301500	-33.3	26.48		3 UK Climatological Returns		
Maritzburg, Natal, South Africa	185911010900	186603312100	-29.5	30.13		3 UK Climatological Returns		
Fort Napier, Natal, South Africa	186809010900	188612311500	-29.5	30.03		3 MO Archives		
Fort Napier, Natal, South Africa	1875	1884	-30.00	31.00		2 International Simultaneous	Gail Willetts	ACRE
Natal Observatory, South Africa	1884	1912	-29.846	30.03		3 MO Archives		
Fort Napier, Natal, South Africa	1913	1918	-29.5	30.03		3 MO Archives		
Port Elizabeth, South Africa	1873	1877	-33.98	25.62		3 MO Archives		
Port Elizabeth, South Africa	188606	1948	-33.98	25.62		3		
Durban, South Africa	188401	1955	-29.85	31		3 MO Archives		

Aliwal, South Africa	189201	191812	-30.68	26.67	3		
Salisbury, Zimbabwe	189705	194607	-17.8	31.08	3 MO Archives		
Goetz Observatory, Bulawayo, Zimbabwe	189701	19460731	-20.15	28.67	3 MO Archives		
Livingstone, Zimbabwe	19221101	19311231	-17.833	25.817	3 UK Climatological Returns		
Johannesburg, South Africa	190401	1955	-26.18	28.07	3		
Kimberley, South Africa	18830101	18891231	-28.7	24.78	3 MO Archives Private Weather Diary		
Kimberley, South Africa	189509	1955	-28.7	24.78	3 MO Archives		
O'Okiep, South Africa	190002	192412	-29.6	17.87	3		
ALBANIA							
Durazzo	187002010800	187209300800	41.32	19.47	3		
Durazzo	187204010700	187206300700	41.32	19.47	3 French Annales + Bulletin international		
Durazzo	187601010700	187612312100	41.32	19.47	2 Austrian Year Books		
Durazzo	186810	187712	41.32	19.47	3 MO Archives Imperial Observatory Constantinople		
Valona/Vlore	187401010800	187412311400	40.47	19.48	3		
Valona/Vlore	188009	188812	40.45	19.45	2 International Simultaneous	**Gail Willetts**	**ACRE**
ANTARCTICA							
Barry Island (Southern Base)	193603130900	193612222100	-68.13	-67.08	1		
British Graham Land Expedition Base	193504010900	193601312100	-65.25	-64.27	1		
AUSTRALIA							
Sydney, Government House, New South Wales	18030302	180504202000	-33.85	151.2	2 NLA Australian Newspapers		
Sydney, New South Wales	182106010600	182204203000	-33.85	151.2	2 Google Book Search		
Sydney, New South Wales	1788	2009	-33.85	151.2	3 Joelle Gergis/Lisa Alexander and co		
Fremantle, Western Australia	185202010900	186012310900	-32.05	115	3 UK Climatological Returns		
Fremantle, Harbour Master's records, Western Aust	18600306	19090427	-32.05	115	3		
Fremantle, Western Australia	18970101	19500731	-32.05	115	3		
Port Arthur, Tasmania	183705010800	184606301400	-43.13	147.95	3 UK Climatological Returns		
Hobart, Tasmania	1875	1884	-42.883	147.333	2 International Simultaneous	**Gail Willetts**	**ACRE**
Hobart, Tasmania	1841	1848	-42.88	147.32	3 Australian Bureau of Meteorology Library	Linden Ashcroft	SEARCH
Hobart Botanic Gardens, Tasmania	1841	2009	-42.88	147.32	3		
Melbourne, Victoria	18490709240	193305222100	-37.82	144.97	2 NLA Australian Newspapers		
Kew, Melbourne, Victoria	1869	19731231	-37.82	145.03	3		
Melbourne, Victoria	1875	1884	-37.833	144.967	2 International Simultaneous	**Gail Willetts**	**ACRE**
Buchsfelde, Gawler, South Australia	185001	185106	-34.68	138.9	3 Google Book Search		
Adelaide, South Australia	1857	2009	-34.93	138.59	3		
Port Adelaide, Adelaide, South Australia	18581011000	186112281600	-34.84	138.54	2 NLA Australian Newspapers		
Perth, Western Australia	184101104	18431231	-34.84	138.54	3		
Perth, Western Australia	18760101	19001231	-34.84	138.54	3		
Perth, Western Australia	188412310700	189910121800	-31.93	115.95	2 NLA Australian Newspapers		
Perth, Western Australia	1897	1907	-31.93	115.95	3 Perth Observatory - MO Archives		
Breaksea Island LH, Albany, Western Australia	1861	1894	-35.064	118.062	3 Bound in with ship logbboks in MO Archives		
Breaksea Island LH, Albany, Western Australia	18950101	18961231	-35.064	118.062	3		
Breaksea Island LH, Albany, Western Australia	19040101	19240426	-35.064	118.062	3		
Point King LH, Albany, Western Australia	1861	1895	-35.035	117.905	3 Bound in with ship logbboks in MO Archives		
Albany, Harbour Master's Logs, Western Australia	18980301	19030331	-35.03	117.88	3		
Rocky Point, Western Australia	1901	1973	-10.42	105.68	3		
Mein, Queensland	1893	19291231	-13.18	142.8	3		
Warwick, Queensland	1877	19651231	-28.22	152.03	3		
Willis Island, Queensland	1921	2009	-16.29	149.97	3		
Robe, South Australia	1860	2009	-37.16	139.76	3		
Cape Northumberland, South Australia	1864	20060331	-38.06	140.67	3		
Mount Gambier, South Australia	1860	2009	-37.83	140.78	3		
Cape Borda, South Australia	1865	20070801	-35.75	136.59	3		
Wilcannia, New South Wales	1879	2009	-31.56	143.37	3		
Streaky Bay, South Australia	1865	2009	-32.8	134.21	3		
Port Lincoln, South Australia	1866	2009	-34.72	135.86	3		
Port Augusta, South Australia	1860	2009	-32.5	137.77	3		
Hamelin Pool, Western Australia	1897	2009	-26.4	114.17	3		
Yalgoo, Western Australia	1897	2009	-28.34	116.68	3		
Lawlers, Western Australia	1898	19481231	-28.08	120.55	3		
Karridale, Western Australia	1897	19631231	-34.2	115.1	3		
Menzies, Western Australia	1896	2009	-29.69	121.03	3		
Condon, Western Australia	1897	19271231	-20	119.4	3		
Kalgoorlie Post Office, Western Austraia	1896	19531231	-30.75	121.47	3		
Eucla, Western Australia	1876	2009	-31.68	128.88	3		
Esperance Post Office, Western Australia	1883	19691201	-33.85	121.88	3		
Mitchell, Queensland	1884	2009	-26.49	147.98	3		
Brisbane, Queensland	1840	2009	-27.48	153.03	3		
Marree, South Australia	1885	2009	-29.65	138.06	3		
Broome Post Office, Western Australia	1894	19531231	-17.95	122.25	3		
Laverton, Western Australia	1899	2009	-28.63	122.41	3		
Geraldton, Western Australia	1877	2009	-28.78	114.61	3		
Rockhampton, Queensland	1871	2009	-23.4	150.5	3		
Onslow, Western Australia	1886	2009	-21.64	115.11	3		
Nullagine, Western Australia	1897	20040309	-21.89	120.11	3		
Somerset, Cape York	18660501	18661231	-10.73	142.6	3		
Thursday Island, Queensland	1908	20070501	-10.58	142.22	3		
Goode Island, Queensland	1880	1884	-10.55	142.17	3		
Cloncurry, Queensland	1884	2009	-20.71	140.52	3		
Carnarvon, Western Australia	1883	2009	-24.9	113.65	3		
Boulia, Queensland	1886	2009	-22.91	139.9	3		
Alice Springs, Northern Territory	1879	2009	-23.71	133.87	3		
Wyndham, Western Australia	1886	2009	-15.46	128.1	3		
Townsville, Queensland	1879	2009	-19.3	146.8	3		
Daru District Office, Northern Territory	1894	1974	-9.07	143.2	3		
Auki, Queensland	1918	1986	-8.78	160.73	3		
Deal Island, Tasmania	1871	2009	-39.48	147.32	3		
Currie Post Office, Tasmania	1909	19980101	-39.93	143.85	3		
Cape Sorell, Tasmania	1899	2009	-42.2	145.17	3		
Tasman Island Lighthouse, Tasmania	1922	2009	-43.25	148	3		
Cape Bruny Lighthouse, Tasmania	1871	2009	-43.49	147.15	3		
Eddystone Point, Tasmania	1908	2009	-40.99	148.35	3		
Swansea Post Office, Tasmania	1884	2009	-42.12	148.07	3		
Smithton, Tasmania	1911	19971101	-40.85	145.11	3		
Devonport Harbour Master, Tasmania	1903	1979	-41.17	146.36	3		
Warrnambool, Victoria	1897	19931231	-38.38	142.48	3		
Hamilton, Victoria	1869	19931231	-37.73	142.02	3		
Cape Otway Lighthouse, Victoria	1860	2009	-38.86	143.51	3		
Cape Nelson Lighthouse, Victoria	1908	19990701	-38.43	141.54	3		
Ballarat, Victoria	1909	2009	-37.51	143.79	3		
Wonthaggi, Victoria	1911	2009	-38.61	145.6	3		
Wilsons Promontory Lighthouse, Victoria	1872	2009	-39.13	146.42	3		
Bairnsdale Post Office, Victoria	1896	19701231	-37.82	147.62	3		
Gabo Island Lighthouse, Victoria	1859	2009	-37.57	149.92	3		
Omeo, Victoria	1879	2009	-37.1	147.6	3		
Benalla, Victoria	1882	20061102	-36.55	145.97	3		
Bendigo Prison, Victoria	1862	19920731	-36.75	144.28	3		
Echuca, Victoria	1859	2009	-36.16	144.76	3		
Swan Hill Post Office, Victoria	1884	19961216	-35.34	143.55	3		
Hillston, New South Wales	1881	2009	-33.49	145.52	3		
Hay, New South Wales	1877	2009	-34.52	144.85	3		
Griffith, New South Wales	1914	19890630	-34.32	146.07	3		
Narrandera Post Office, New South Wales	1880	1969	-34.75	146.55	3		
Goulburn, New South Wales	1857	19671231	-34.75	149.87	3		
Moruya Heads Pilot Station, New South Wales	1875	2009	-35.91	150.15	3		
Point Perpendicular Lighthouse, NewSouth Wales	1899	20040702	-35.09	150.8	3		
Parkes, New South Wales	1889	2009	-33.14	148.16	3		
Coonabarabran, New South Wales	1879	2009	-31.27	149.27	3		
Orange Post Office, New South Wales	1870	19681231	-33.28	149.1	3		
Murrurundi Post Office, New South Wales	1870	2009	-31.77	150.84	3		
Smoky Cape Lighthouse, New South Wales	1939	2009	-30.92	153.09	3		
Grafton, New South Wales	1917	2009	-29.62	152.96	3		
Yamba Pilot Station, New South Wales	1877	2009	-29.43	153.36	3		
Inverell, New South Wales	1874	19971126	-29.78	151.11	3		
Tamworth, New South Wales	1876	19921231	-31.09	150.85	3		
Trangie, NewSouth Wales	1922	2009	-31.99	147.95	3		
Ivanhoe Post Office, New South Wales	1884	2009	-32.9	114.3	3		
Cobar Post Office, New South Wales	1881	19651231	-31.5	145.8	3		
White Cliffs Post Office, New South Wales	1901	2009	-30.85	143.09	3		
Tibooburra Post Office, New South Wales	1886	2009	-29.43	142.01	3		
Thargomindah Post Office, New South Wales	1879	20050331	-28	143.82	3		
Charleville Post Office, Queensland	1889	19591231	-26.4	146.24	3		
Quilpie, Queensland	1917	2009	-26.61	144.26	3		
Cunnamulla Post Office, Queensland	1879	2009	-28.07	145.68	3		
Bollon, Queensland	1885	2009	-28.03	147.48	3		
St George Post Office, Queensland	1881	19970731	-28.04	148.58	3		
Roma Post Office, Queensland	1870	19920715	-26.57	148.79	3		
Injune Post Office, Queensland	1925	2009	-25.84	148.57	3		
Goondiwindi Post Office, Queensland	1879	19910604	-28.55	150.31	3		
Dalby Post Office, Queensland	1870	19920115	-27.18	151.26	3		
Tewantin, Queensland	1895	19960308	-26.39	153.04	3		
Maryborough, Queensland	1870	2009	-25.52	152.72	3		
Kingaroy, Queensland	1905	20010201	-26.55	151.85	3		
Gympie, Queensland	1870	2009	-26.18	152.64	3		
Double Island Point Lighthouse, Queensland	1891	2009	-25.93	153.19	3		
Cape Moreton Lighthouse, Queensland	1869	2009	-27.03	153.47	3		
Caloundra Signal Station, Queensland	1899	19921202	-26.8	153.15	3		

Monto, Queensland	1930	2009	-24.86	151.12		3			
Thangool, Queensland	1929	2009	-24.49	150.57		3			
Sandy Cape Lighthouse, Queensland	1871	2009	-24.73	153.21		3			
Lady Elliott Island, Queensland	1939	2009	-24.11	152.72		3			
Gayndah Post Office, Queensland	1870	2009	-25.63	151.61		3			
Cape Capricorn Lighthouse, Queensland	1899	19871231	-23.48	151.23		3			
Bundaberg Post Office, Queensland	1885	19900710	-24.87	152.35		3			
Annandale Station, Queensland	1898	1924	-25.39	138.63		3			
Windorah Post Office, Queensland	1887	2009	-25.42	142.66		3			
Birdsville Police Station, Queensland	1892	2009	-25.9	139.35		3			
Winton, Queensland	1884	2009	-22.39	143.04		3			
Urandangi, Queensland	1891	2009	-21.61	138.31		3			
Camooweal Post Office, Queensland	1891	2009	-19.92	138.12		3			
Twin Hills Post Office, Queensland	1888	19851231	-21.95	146.95		3			
Longreach, Queensland	1893	19851231	-23.45	144.25		3			
Taroom Post Office, Queensland	1870	2009	-25.64	149.8		3			
Tambo Post Office, Queensland	1877	2009	-24.88	146.26		3			
Rolleston, Queensland	1889	2009	-24.46	148.63		3			
Emerald Post Office, Queensland	1882	19920630	-23.53	148.16		3			
Clermont, Queensland	1870	2009	-22.82	147.64		3			
Charters Towers Post Office, Queensland	1882	19921213	-20.08	146.26		3			
St Lawrence Post Office, Queensland	1870	2009	-22.35	149.54		3			
Bowen Post Office, Queensland	1870	19871231	-20.02	148.25		3			
South Johnstone, Queensland	1920	2009	-17.61	146		3			
Cardwell, Queensland	1871	2009	-18.26	146.02		3			
Low Isles Lighthouse, Queensland	1887	2009	-16.38	145.56		3			
Richmond, Queensland	1889	2009	-20.73	143.14		3			
Hughenden, Queensland	1884	2009	-20.84	144.2		3			
Normanton Post Office, Queensland	1872	20010815	-17.67	141.07		3			
Mornington Island, Queensland	1914	2009	-16.66	139.18		3			
Kowanyama, Queensland	1912	2009	-15.48	141.75		3			
Julia Creek, Queensland	1912	2009	-20.66	141.75		3			
Croydon, Queensland	1889	2009	-18.2	142.24		3			
Burketown Post Office, Queensland	1886	2009	-17.74	139.55		3			
Musgrave, Queensland	1887	2009	-14.78	143.5		3			
Palmerville, Queensland	1889	2009	-16	144.08		3			
Coen Post Office, Queensland	1887	2009	-13.95	143.2		3			
Charlotte Waters, South Australia	1892	1937	-25.93	134.92		3			
Lameroo, South Australia	1899	2009	-35.33	140.52		3			
Keith, South Australia	1906	2009	-36.1	140.36		3			
Eudunda, South Australia	1880	2009	-34.18	139.08		3			
Renmark, South Australia	1889	2009	-34.17	140.75		3			
Cape Willoughby, South Australia	1881	2009	-35.84	138.13		3			
Cape de Couedic, South Australia	1907	19731231	-36.07	136.7		3			
Warooka, South Australia	1861	2009	-34.99	137.4		3			
Maitland, South Australia	1879	2009	-34.37	137.67		3			
Snowtown, South Australia	1881	20010630	-33.78	138.21		3			
Hawker, South Australia	1882	2009	-31.88	138.44		3			
Nullarbor, South Australia	1888	2009	-31.45	130.9		3			
Whyalla, South Australia	1906	20010606	-33.03	137.53		3			
Elliston, South Australia	1882	2009	-33.65	134.89		3			
Kyancutta, South Australia	1930	2009	-33.13	135.56		3			
Normantown, Queensland	1888	20010815	-17.67	141.07		3			
Cleve, South Australia	1896	2009	-33.7	136.49		3			
Ceduna, South Australia	1939	2009	-32.13	133.7		3			
Oodnadatta, South Australia	1939	2009	-27.56	135.45		3			
Tarcoola, South Australia	1903	19990810	-30.71	134.57		3			
Ernabella Mission, South Australia	1935	19831231	-26.29	132.13		3			
Finke Post Office, Northern Territory	1938	19801231	-25.58	134.57		3			
Barrow Creek, Northern Territory	1874	2009	-21.53	133.89		3			
Brunette Downs, Northern Territory	1891	2009	-18.64	135.95		3			
Katherine, Northern Territory	1873	2009	-14.46	132.26		3			
Victoria River Downs, Northern Territory	1885	2009	-16.4	131.1		3			
Borroloola, Northern Territory	1889	19781231	-16.07	136.3		3			
Ngukurr, Northern Territory	1910	2009	-14.73	134.73		3			
Milingimbi, Norther Territory	1923	20030305	-12.12	134.91		3			
Warruwi, Northern Territory	1916	2009	-11.65	133.38		3			
Oenpelli, Northern Territory	1910	2009	-12.33	133.06		3			
Angurugu, Northern Territory	1921	19891011	-13.98	136.43		3			
Cape Don Lighthouse, Northern Territory	1917	19910207	-11.32	131.77		3			
Peak Hill, Western Australia	1898	20001027	-25.64	118.71		3			
Wiluna, Western Australia	1898	2009	-26.59	120.23		3			
Bulga Downs, Western Australia	1924	2009	-28.5	119.74		3			
Yelliirie, Western Australia	1928	2009	-27.28	120.09		3			
Southern Cross, Western Australia	1889	2009	-31.23	119.33		3			
Norseman, Western Australia	1897	2009	-32.2	121.78		3			
Leonora, Western Australia	1898	2009	-28.88	121.33		3			
Cashmere Downs, Western Australia	1919	2009	-28.97	119.57		3			
Eyre, Western Australia	1885	2009	-32.25	126.3		3			
Balladonia, Western Australia	1891	2009	-32.46	123.87		3			
Ravensthorpe, Western Australia	1901	2009	-33.58	120.05		3			
Ongerup, Western Australia	1914	2009	-33.96	118.49		3			
Lake Grace, Western Australia	1914	2009	-33.1	118.46		3			
Katanning, Western Australia	1891	2009	-33.69	117.56		3			
Corrigin, Western Australia	1910	2009	-32.33	117.87		3			
York Post Office, Western Australia	1877	19960512	-31.88	116.76		3			
Bencubbin, Western Australia	1912	2009	-30.81	117.86		3			
Manjimup, Western Australia	1915	2009	-34.25	116.15		3			
Cape Naturaliste, Western Australia	1903	2009	-33.54	115.02		3			
Cape Leeuwin, Western Australia	1897	2009	-34.37	115.14		3			
Bunbury Post Office, Western Australia	1877	19850610	-33.33	115.63		3			
Georgetown, Queensland	1893	2009	-18.29	143.55		3			
Cue, Western Australia	1897	2009	-27.42	117.9		3			
Bridgetown, Western Australia	1887	2009	-33.96	116.14		3			
Rottnest Island Lighthouse, Western Australia	1879	19951217	-32.01	115.5		3			
Wongan Hills, Western Australia	1907	2009	-30.89	116.72		3			
Dalwallinu, Western Australia	1912	2009	-30.28	116.66		3			
Paynes Find, Western Australia	1919	2009	-29.27	117.68		3			
Three Rivers, Western Australia	1907	2009	-25.13	119.15		3			
Mundiwindi, Western Australia	1915	19811130	-23.79	120.24		3			
Emu Creek Station, Western Australia	1898	2009	-23.03	115.04		3			
Denham, Western Australia	1893	2009	-25.93	113.53		3			
Gascoyne Junction, Western Australia	1907	2009	-25.05	115.21		3			
Mardie, Western Australia	1885	2009	-21.19	115.98		3			
Cossack, Port Walcott, Western Australia	1881	2009	-20.68	117.19		3			
Roebourne, Western Australia	1887	2009	-20.78	117.15		3			
Pardoo Station, Western Australia	1904	2009	-20.11	119.58		3			
Marble Bar, Western Australia	1895	20060901	-21.18	119.75		3			
Mandora, Western Australia	1913	2009	-19.74	120.84		3			
Bidyadanga Mission, Western Australia	1891	2009	-18.68	121.78		3			
Derby, Western Australia	1882	19970727	-17.3	123.63		3			
Toowoomba, Queensland	1869	20070301	-27.58	151.93		3			
Cooktown, Queensland	1874	19871231	-15.46	145.25		3			
Cairns, Queensland	1890	2009	-16.93	145.78		3			
Warmun, Western Australia	1897	2009	-17.02	128.22		3			
Hall's Creek, Western Australia	1890	2009	-18.23	127.66		3			
Daly Waters, Northern Territory	1880	2009	-16.25	133.37		3			
Darwin, Northern Territory	1866	2009	-12.4	130.8		3			
Launceston, Tasmania	1837	2009	-41.53	147.2		3			
Low Head Lighthouse, Launceston, Tasmania	1877	20011208	-41.06	146.79		3			
Maatsuyker Island Lighthouse, Tasmania	1891	2009	-43.66	146.27		3			
AUSTRIA									
Salzburg	1878	1908	47.8	13.033		3			
Salzburg	1874	2002	47.8	13.033		1 Jacobeit			
Sonnblick	1890	1908	47.05	12.95		3			
BANGLADESH									
Chittagong	1868	1968	22.27	91.82		3			
BOSNIA AND HERZEGOVINA									
Sarajevo	189001010800	189612312000				2 Austrian Year Books			
BULGARIA									
Roustchouk	186909010800	187001310800	43.87	26.32		3 MO Archives Imperial Observatory Constantinople			
Roustchouk	188401010800	188612312150	43.87	26.32		2 French Annales			
Varna	186909010800	187709	43.2	27.92	35	3 MO Archives Imperial Observatory Constantinople International Simultaneous			
Sofia	188009	189609	42.7	23.32		3			
BURMA									
Akyab/Sittwe	1875	1940	20.13	92.88		3 MO Archives Indian Met Dept records			
Mandalay	1886	1940	21.98	96.1		3 MO Archives Indian Met Dept records			
Toungoo	1878	1940	18.92	96.47		3 MO Archives Indian Met Dept records			
Diamond Head	1878	1940	15.87	94.32		3 MO Archives Indian Met Dept records			
Mergui	1878	1940	12.43	98.6		3 MO Archives Indian Met Dept records			
Mergui	1893	1899	12.43	98.6		2 Indian Monsoon Charts	**Gail Willetts**	**ACRE**	
Rangoon	1877	1940	16.767	96.197		3 MO Archives Indian Met Dept records			
CAMBODIA									
Phom Penh	190201011000	190309301600	10.58	104.93	13	2 French Annales			
CANADA									
St Martin Laval, Quebec	18530101	18620930	45.504	-73.734		1 Vicky Slonosky			

Montreal	18680101	18731130	45.504	-73.734				1	Vicky Slonosky			
Montreal	18620901	18690528	45.504	-73.734				1	Vicky Slonosky			
Halifax	1828	1860	44.65	-63.56667				2	V Slonosky			
Halifax Citadel	1863	1882	44.65	-63.56667				2	V Slonosky			
Lunenberg	1826	1827	44.3667	-62.33333				3	V Slonosky			
Lunenberg	1858	1859	44.3667	-62.33333				3	V Slonosky			
Montreal	1831	1842	45.5045	-73.55817	20		being 1		V Slonosky			
Montreal	1838	1869	45.5	-73.55			being 1		V Slonosky			
Montreal	1842	1852	45.5082	-73.555	16			1	V Slonosky			
Montreal	1862	1869	45.5082	-73.555	16			1	V Slonosky			
Montreal	1849	1862	45.5655	-73.72033	30			1	V Slonosky			
Montreal	1868	1873	45.5018	-73.56483	32			1	V Slonosky			
Montreal	1855	1859	45.5038	-73.56167	22			2	V Slonosky			
Montreal	1860	1862	45.5038	-73.56167	22			1	V Slonosky			
Montreal	1863	1866	45.5038	-73.56167	22			1	V Slonosky			
Montreal	1844	1848	45.5082	-73.555	16			1	V Slonosky			
Quebec	1798	1819	46.8132	-71.20867	52			1	V Slonosky			
Quebec (cap Diamant) (monthly)	1824	1831	46.8333	-71.25					V Slonosky			
Quebec	1853	1856 (gaps)	46.8333	-71.25					V Slonosky			
St John's	1832	1842	47.8833	-52.7					V Slonosky			
St John's	1859	1860	47.8833	-52.7					V Slonosky			
St John's	1843	1850	47.8833	-52.7					V Slonosky			
St John's	1862	1864	47.8833	-52.7					V Slonosky			
St John's	1871	1873	47.8833	-52.7					V Slonosky			
St John's	1856	1858	47.8833	-52.7					V Slonosky			
Fort Rae	18820901	18830831	62.65	-115.730				1	First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm			
HALIFAX	18280101	2009	44.650	-63.567	31.7			1	Environment Canada			
HALIFAX	1875	1884	44.65	-63.6				2	International Simultaneous	Gail Willetts	ACRE	
Montreal	18440601	18480930	45.507	-73.556				1	Vicky Slonosky			
MONTREAL/PIERRE ELLIOTT TRUDEAU INTL A	18420701	2009	45.467	-73.750	36.0			1	Environment Canada			
TORONTO LESTER B. PEARSON INT'L A	18400215	2009	43.677	-79.631	173.4			1	Environment Canada			
ST JOHN'S A	18520901	2009	47.622	-52.743	140.5			1	Environment Canada			
Quebec City	18030101	1819307	46.813	-71.209				1	Vicky Slonosky			
QUEBEC/JEAN LESAGE INT'L A	18530601	2009	46.800	-71.383	74.4			1	UK Climatological Returns			
New Westminster	18591101	18651231	49.217	-123.000				3	UK Climatological Returns			
YARMOUTH A	18700408	2009	43.831	-66.089	43.0			1	Environment Canada			
CHARLOTTETOWN A	18730101	2009	46.289	-63.129	48.8			1	Environment Canada			
POINTE AU PERE (Father Point)	18740101	2009	48.500	-68.483	7.6			1	Environment Canada			
THUNDER BAY A (Port Auther)	18770701	2009	48.369	-89.327	199.0			1	Environment Canada			
ANTICOSTI SW POINT	1872	1912	49.400	-63.550	7.3			3	Environment Canada			
ANTICOSTI SW POINT	18810904	2009	49.400	-63.550	7.3			1	Environment Canada			
Coldwater	1889	1902	44.720	-79.820				3				
Cornwall	1876	1887	45.030	-74.730				3				
Deseronto	1883	1905	44.200	-77.030				3				
Guelph	1891	1910	43.550	-80.250				3				
Kingston	1853	1902	44.230	-76.500				3				
Lindsay	1881	1912	44.350	-78.730				3				
London	1883	1912	42.980	-81.250				3				
Parry Sound	1874	1891	45.330	-80.030				3				
Port Arthur	1878	1891	48.750	-89.380				3				
Port Dover	1872	1895	42.780	-80.200				3				
Port Stanley	1874	1887	49.670	-81.220				3				
Southampton	1872	1912	44.500	-81.380				3				
St George	1895	1912	45.180	-66.830				3				
White River	1886	1910	48.580	-85.330				3				
Woodstock	1883	1912	43.130	-80.750				3				
Barkerville	1899	1929	53.100	-121.500				3				
Hamilton	1846	1887	43.250	-79.880				3				
Qu'appelle	1892	1940	50.500	-103.900				3				
Saugeen	1874	1887	44.500	-81.350				2				
Stratford	1876	1887	43.380	-81.000				2				
Tatoosh	1871	1987	48.392	-124.737				3				
FORT CHIPEWYAN	18980101	2009	58.717	-111.150	227.7			1	Environment Canada			
VICTORIA INT'L A	18990101	2009	48.647	-123.426	19.2			1	Environment Canada			
SABLE ISLAND	1891	1999	43.932	-60.009				3	Environment Canada			
SABLE ISLAND	19021228	2009	43.932	-60.009	5.0			1	Environment Canada			
Dawson	1901	2009	64.050	-139.433				3				
DAWSON	19060101	2009	64.050	-139.433	320.0			1	Environment Canada			
Fort Edmonton	18580101	18580312	53.570	-113.520				2	Google Book Search			
Fort Edmonton	18581011	18590510	53.570	-113.520				2	Google Book Search			
Edmonton	1890	2009	53.570	-113.520				3				
EDMONTON CITY CENTRE A	19060101	2009	53.573	-113.518	670.6			1	Environment Canada			
Jasper House	18590202	18590414	52.870	-118.080				2	Google Book Search			
Winnipeg	1870	1874	49.917	-97.233				2				
Winnipeg	1874	2009	49.917	-97.233				3				
WINNIPEG RICHARDSON INT'L A	18960101	2009	49.917	-97.233	238.7			1	Environment Canada			
SYDNEY A	18740101	2009	46.167	-60.048	61.9			1	Environment Canada			
Kamloops	1896	2009	50.702	-120.442				3				
KAMLOOPS A	19070101	2009	50.702	-120.442	345.3			1	Environment Canada			
Swift Current	1887	2009	50.300	-107.683				2				
SWIFT CURRENT A	19070101	2009	50.300	-107.683	817.5			1	Environment Canada			
MIRAMICHI A (Chatham)	18740101	2009	47.009	-65.468	32.9			1	Environment Canada			
SAINT JOHN A	18750101	2009	45.318	-65.886	108.8			1	Environment Canada			
FORT MCMURRAY A	19090103	2009	56.650	-111.217	369.1			1	Environment Canada			
VANCOUVER INT'L A	19110101	2009	49.195	-123.182	4.3			1	Environment Canada			
THE PAS A (Le Pas)	19120101	2009	53.967	-101.100	270.4			1	Environment Canada			
FORT GOOD HOPE 2	19200701	2009	66.250	-128.633	41.8			1	Environment Canada			
TULITA A	19200701	2009	64.909	-125.568	101.2			1	Environment Canada			
Fort Garry	1874	1887	49.850	-97.120				2				
Fort Simpson	1849	1851	61.867	-121.350				3	UK Climatological Returns			
FORT SIMPSON	19200701	2009	61.867	-121.350	131.7			1	Environment Canada			
Fort Smith	1910	2009	60.020	-111.962				3				
FORT SMITH A	19200401	2009	60.020	-111.962	204.5			1	Environment Canada			
Calgary	1894	2009	51.030	-114.030				3				
CALGARY INT'L A	19200101	2009	51.114	-114.020	1084.1			1	Environment Canada			
MEDICINE HAT A	19200101	2009	50.019	-110.721	716.9			1	Environment Canada			
BANFF	19200101	2009	51.183	-115.567	1383.7			1	Environment Canada			
EARLTON A	19200101	2009	47.700	-79.850	243.2			1	Environment Canada			
GANDER INT'L A	19200101	2009	48.946	-54.577	151.2			1	Environment Canada			
BELLE ISLE	1871	1907	51.883	-55.383	129.8			3				
BELLE ISLE	19200807	2009	51.883	-55.383	129.8			1	Environment Canada			
POND INLET	19211001	2009	72.683	-77.983	4.0			1	Environment Canada			
Moose Factory/Moosonee	1871	1998	51.267	-80.650				3				
MOOSONEE UA	19210201	2009	51.267	-80.650	10.0			1	Environment Canada			
KUUJJUAQ A	19220701	2009	58.100	-68.417	39.3			1	Environment Canada			
PANGNIRTUNG	19251026	2009	66.133	-65.733	15.2			1	Environment Canada			
AKLAVIK A	19260701	2009	68.223	-135.006	7.0			1	Environment Canada			
CHURCHILL A	19261018	2009	58.737	-94.057	28.7			1	Environment Canada			
CAMBRIDGE BAY A	19270901	2009	69.108	-105.138	27.4			1	Environment Canada			
NOTTINGHAM ISLAND	19270903	2009	63.117	-77.933	16.5			1	Environment Canada			
WOLFVILLE	19270101	2009	45.100	-64.367	41.1			1	Environment Canada			
CAPE HOPES ADVANCE	19281010	2009	61.083	-69.550	73.2			1	Environment Canada			
RESOLUTION ISLAND	19291003	2009	61.300	-64.883	38.7			1	Environment Canada			
ST PAUL ISLAND	19311015	2009	47.200	-60.150	31.7			1	Environment Canada			
CHESTERFIELD	19300909	2009	63.333	-90.717	6.4			1	Environment Canada			
COPPERMINE	19301001	2009	67.833	-115.117	9.1			1	Environment Canada			
JASPER	19300901	2009	52.883	-118.067	1062.2			1	Environment Canada			
ARVIDA	19310720	2009	48.433	-71.167	102.1			1	Environment Canada			
CORAL HARBOUR A	19331001	2009	64.193	-83.359	64.0			1	Environment Canada			
ESTEVAN POINT	19340101	2009	49.384	-126.551	7.0			1	Environment Canada			
MAYO A	19340101	2009	63.617	-135.867	503.8			1	Environment Canada			
HAY RIVER A	19340101	2009	60.840	-115.783	164.9			1	Environment Canada			
HARRINGTON HARBOUR	19340101	2009	50.533	-59.500	7.6			1	Environment Canada			
INUKJUAK UA	19340101	2009	58.467	-78.083	24.4			1	Environment Canada			
KUUJJUARAPIK A	19340101	2009	55.283	-77.750	10.4			1	Environment Canada			
GRAND BANK	19341022	2009	47.100	-55.767	1.5			1	Environment Canada			
CARTWRIGHT	19341101	2009	53.708	-57.035	14.3			1	Environment Canada			
KEG RIVER	19350722	2009	57.800	-117.867	427.3			1	Environment Canada			
LETHBRIDGE A	19370101	2009	49.630	-112.800	928.7			1	Environment Canada			
GILLAM	19361001	2009	56.350	-94.700	138.4			1	Environment Canada			
SEPT-ILES A	19360707	2009	50.217	-66.267	54.9			1	Environment Canada			
FREDERICTON A	19360901	2009	45.872	-66.528	20.7			1	Environment Canada			
FORT NELSON A	19370920	2009	58.836	-122.597	381.9			1	Environment Canada			
HOPE A	19380104	2009	49.368	-121.498	39.0			1	Environment Canada			
PRINCETON A	19380301	2009	49.468	-120.512	700.4			1	Environment Canada			
CRANBROOK	19380205	2009	49.500	-115.783	918.7			1	Environment Canada			
WATSON LAKE A	19381001	2009	60.117	-128.822	687.4			1	Environment Canada			
RESOLUTE CARS	19380905	2009	74.717	-94.986	65.5			1	Environment Canada			
CAPE ST JAMES	19390201	2009	51.933	-131.017	92.0			1	Environment Canada			
COWLEY A	19390213	2009	49.633	-114.083	1182.0			1	Environment Canada			
NAKINA A	19390623	2009	50.183	-86.700	324.6			1	Environment Canada			
NORTH BAY A	19390101	2009	46.364	-79.423	370.3			1	Environment Canada			
WHITEHORSE A	19401001	2009	60.710	-135.069	706.2			1	Environment Canada			
MUSKOKA A	19410101	2009	44.967	-79.300	281.9			1	Environment Canada			
GOOSE A	19411216	2009	53.317	-60.417	48.8			1	Environment Canada			

FORT ST JOHN A	19420302	2009	56.238	-120.740	694.9	1 Environment Canada		
YELLOWKNIFE A	19420701	2009	62.463	-114.440	205.7	1 Environment Canada		
CLYDE A	19421201	2009	70.486	-68.517	26.5	1 Environment Canada		
WHITECOURT	19421201	2009	54.133	-115.667	740.7	1 Environment Canada		
GRANDE PRAIRIE A	19420401	2009	55.180	-118.885	669.0	1 Environment Canada		
GREENWOOD A	19421101	2009	44.983	-64.917	28.0	1 Environment Canada		
HOPEDALE (AUT)	19420101	2009	55.450	-60.217	11.9	1 Environment Canada		
SNAG A	19430827	2009	62.367	-140.400	586.7	1 Environment Canada		
TESLIN A	19431007	2009	60.174	-132.736	705.0	1 Environment Canada		
FORT RESOLUTION A	19430301	2009	61.181	-113.690	160.3	1 Environment Canada		
COMOX A	19440702	2009	49.717	-124.900	25.6	1 Environment Canada		
LYTTON	19440820	2009	50.233	-121.567	175.0	1 Environment Canada		
DEASE LAKE	19440916	2009	58.428	-130.011	806.6	1 Environment Canada		
WRIGLEY A	19441201	2009	63.209	-123.437	149.0	1 Environment Canada		
CORONATION A	19440501	2009	52.067	-111.450	791.0	1 Environment Canada		
RED DEER A	19440601	2009	52.179	-113.893	904.6	1 Environment Canada		
LAC LA BICHE (AUT)	19440501	2009	54.767	-112.017	567.0	1 Environment Canada		
WAGNER	19440201	2009	55.350	-114.983	583.7	1 Environment Canada		
SHEARWATER A	19440220	2009	44.633	-63.500	50.9	1 Environment Canada		
HOLMAN	19450401	2009	70.733	-117.783	9.1	1 Environment Canada		
ROCKY MTN HOUSE	19450108	2009	52.383	-114.917	1015.0	1 Environment Canada		
BAKER LAKE A	19460301	2009	64.299	-96.078	18.0	1 Environment Canada		
ABBOTSFORD A	19470101	2009	49.025	-122.361	59.4	1 Environment Canada		
Fort Conger	18810809	18830809	81.730	-64.750		2 International Met Bulletin	Gail Willetts	ACRE
Fort Conger	18820801	18830809	81.730	-64.750		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Kingua Fjord	18820913	18830831	66.590	-67.320		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
EUREKA	19470601	2009	79.983	-85.933	10.4	1 Environment Canada		
IQALUIT A	19470101	2009	63.750	-68.550	33.5	1 Environment Canada		
Regina	1871	2009	50.433	-104.667		3		
REGINA A	19470101	2009	50.433	-104.667	577.3	1 Environment Canada		
Ottawa	1874	1912	45.323	-75.669		3		
OTTAWA MACDONALD-CARTIER INT'L A	19470101	2009	45.323	-75.669	114.0	1 Environment Canada		
CHIBOUGAMAU	19470101	2009	49.917	-74.367	378.0	1 Environment Canada		
MONCTON A	19470101	2009	46.104	-64.688	70.7	1 Environment Canada		
FORT RELIANCE	19481015	2009	62.717	-109.167	165.8	1 Environment Canada		
ISACHSEN	19480503	2009	78.783	-103.533	25.3	1 Environment Canada		
MOULD BAY A	19480513	2009	76.233	-119.333	12.2	1 Environment Canada		
STEPHENVILLE A	19500101	2009	48.533	-58.550	24.4	1 Environment Canada		
TRENTON A	19490101	2009	44.117	-77.533	86.3	1 Environment Canada		
Prince George	1871	2009	53.880	-122.680		3		
PRINCE GEORGE A	19500101	2009	53.891	-122.679	691.3	1 Environment Canada		
ENNADAI LAKE	19500101	2009	61.133	-100.900	324.6	1 Environment Canada		
ALERT	19500601	2009	82.518	-62.281	30.5	1 Environment Canada		
Prince Albert	1897	2009	53.217	-105.667		3		
PRINCE ALBERT A	19500101	2009	53.217	-105.667	428.2	1 Environment Canada		
SASKATOON DIEFENBAKER INT'L A	19500101	2009	52.167	-106.717	504.1	1 Environment Canada		
BROCHET A	19500101	2009	57.886	-101.681	346.3	1 Environment Canada		
WINDSOR A	19500101	2009	42.276	-82.956	189.6	1 Environment Canada		
SUMMERSIDE A	19500101	2009	46.439	-63.832	19.5	1 Environment Canada		
ARGENTIA A	19500101	2009	47.300	-54.000	13.7	1 Environment Canada		
Coal Harbour/Unga Island	188909	189009	55.336	-160.681		1 US Signal Service		
Coal Harbour/Unga Island	189108	189212	55.336	-160.681		1 US Signal Service		
Fort Carlton, Saskatchewan	18570101	18570130	52.820	-106.490		2 Google Book Search		
York Factory, Hudson Bay	1874	188408	57.030	-92.930		2 International Simultaneous	Gail Willetts	ACRE
Prince of Wales Fort, Hudson Bay	17680910	17690827	58.797	-94.213		1		
Fort Chimo, Ungava, Labrador	18821101	18831210	58.11	-63.4		2 International Simultaneous	Gail Willetts	ACRE
Hoffenthal, Labrador	18820901	18830831	55.03	-60.03	7.6	1		
Hoffenthal, Labrador	18830901	18910731	55.03	-60.03	7.6	1 German Colonial		
Zoar, Labrador	18820901	18830831	56.12	-61.68	9.5	1		
Zoar, Labrador	188305	189112	56.12	-61.68	9.5	2 German Colonial		
Nain, Labrador	18820901	18830831	56.55	-62.35	4.2	1		
Nain, Labrador	18830901	18910731	56.55	-62.35	4.2	1 German Colonial		
Hebron, Labrador	18820901	18830831	58.2	-63.25	15	1		
Hebron, Labrador	18830902	189105	58.2	-63.25	15	2 German Colonial		
Okak, Labrador	18820918	18830914	57.567	-61.933	7.5	1		
Rama, Labrador	18820907	18830829	58.88	-63.25	3.3	1		
Rama, Labrador	18831001	18891231	58.88	-63.25	3.3	1		
Killinek, Labrador	19060901	19150831	60.417	-64.767		3 UK Climatological Returns		
CARRIBEAN								
Porto Rico	183708022000	183708030400	18.48	-66.12		1		
Abaco Lighthouse	187107010400	190512312200	25.87	-77.18	70	1 CoRRal		
Cay Sal Lighthouse	187107040400	190512312200	23.7	-80.42	80	1 CoRRal		
Sombrero Lighthouse	18670913	18671028	18.6	-63.47	54	2		
Sombrero Lighthouse	186910151200	190509302200	18.6	-63.47	54	1 CoRRal		
Inagua Lighthouse	187107010800	190512312200	21.35	-71	21	1 CoRRal		
Cay Lobos Lighthouse	187710010200	190512312400	22.38	-77.6	8	1 CoRRal		
Watling Island Lighthouse	188901050200	190507052200	23.95	-74.47	125	1 CoRRal		
Port Royal, Jamaica	18221022	18221030	17.93	-76.85		2 Google Book Search		
Kingston, Jamaica	1875	188812	17.98	-76.82		3		
Kingston, Jamaica	189201010700	189902281500	17.98	-76.82	50	1 NOAA Central Library		
Newcastle, Jamaica	186601010900	190012311500	18.1	-76.7		3 UK Climatological Returns		
Up Park Camp, Jamaica	185206010900	190009301500	17.98	-76.93		3 UK Climatological Returns		
Antigua, Leeward Islands	189207060900	189510261500	17.83	-61.83		2 NOAA Central Library		
Antigua, Leeward Islands	189303010900	193712311500	17.83	-61.83		2 UK Climatological Returns		
St Lucia, Windward Islands	189401010900	190012311500	14	-61		3 UK Climatological Returns		
Grenada, Windward Islands	191001010900	191912311800	12.051	-61.749	509	2 NOAA Central Library		
Barbados	185301010900	190012311500	13.13	-59.67		3		
Barbados	191201010900	191812311500	13.127	-59.599	181	2 NOAA Central Library		
St Ann's, Barbados	18660101	18861231	13.094	-59.669	28	2 International Simultaneous	Gail Willetts	ACRE
Bridgetown, Barbados	1875	188210	13.2	-59.58		2 International Simultaneous	Gail Willetts	ACRE
Willemstad, Netherlands Antilles	19100101	19461231	12.1	-68.92		1 KNMI		
Guatemala	18790301	18830731	14.626	-90.513	1480	2 MO Archives		
Guatemala	1928010700	193112311900	14.574	-90.533	1494	2 NOAA Central Library		
Belize, Honduras	186603010900	187004301500	17	-88.5		3 UK Climatological Returns		
Belize, Honduras	191701010800	194707312000	17	-88.5		2 UK Climatological Returns		
Nassau, Bahamas	185209010900	188612311500	24.07	-77.33		2 UK Climatological Returns		
Nassau, Bahamas	1875	1884	24.06	-77.37		2 International Simultaneous	Gail Willetts	ACRE
Nassau, New Providence, Bahamas	189509010800	194606301500	25.08	-77.08		2 UK Climatological Returns		
Havana, Cuba	1862	1871	23.13	-82.37		3 MO Archives		
Havana, Cuba	1871	1925	23.13	-82.37		3 JESUIT - EBRO LIBRARY		
Havana, Cuba	1875	1884	23.13	-82.38		2 International Simultaneous	Gail Willetts	ACRE
Santiago de Cuba, Cuba	1875	188212	19.92	-75.5		2 International Simultaneous	Gail Willetts	ACRE
St. Thomas, Virgin Islands	1875	188212	18.33	-64.92		2 International Simultaneous	Gail Willetts	ACRE
Bluefields, Nicaragua	188407	188605	12	-83.72		2 International Simultaneous	Gail Willetts	ACRE
Puerto Berrío	188009	188212	6.53	-74.47		2 International Simultaneous	Gail Willetts	ACRE
Navassa Island	1879	188211	19.42	-75.05		2 International Simultaneous	Gail Willetts	ACRE
Haiti	1899	1899	18.57	-72.35		1		
Naos, Panama	188301010600	188808311900	8.95	-79.52	14	2 French Annales		
Gamboa, Panama	188401010700	188808311900	10.02	-84.23	30	2 French Annales		
Colon, Panama	188701010700	188808311900	9.37	-79.9	50	2 French Annales		
Colon, Panama	189710010900	190503311500	9.47	-79.85		3 UK Climatological Returns		
Alhajuela, Panama	189901010100	189912312400	9.25	-79.58		3 Monthly Weather Review		
Pointe a Pitre, Guadeloupe	188401	188412	16.24	-61.54	4	2 French Annales		
Pointe a Pitre, Guadeloupe	188502010830	188710112100	16.24	-61.54	4	2 French Annales		
Camp Jacob, Guadeloupe	189107120600	191312311700	16.02	-61.7	533.3	2 French Annales		
Montserrat, Leeward Islands	19150101	19511231	16.683	-62.15		3 UK Climatological Returns		
Port au Prince, Haiti	188804010712	191312312300	18.57	-72.35	36	2 French Annales + Bulletin international		
Port au Prince, Haiti	189701010700	190712312100	18.57	-72.35		2 Austrian Year Books		
Fort de France, Martinique	187001	187212	14.6	-61.1	4	2 French Annales + Bulletin international		
Fort de France, Martinique	1875	1884	14.6	-61.1		2 Instantaneous Simultaneous	Gail Willetts	ACRE
Fort de France, Martinique	189101010600	191312311600	14.6	-61.1	4	2 French Annales		
Saint Pierre, Martinique	187001	187212	14.75	-61.18		2 French Annales + Bulletin international		
Saint Pierre, Martinique	189901010900	190106300600	14.75	-61.18	19.1	2 French Annales		
Morne des Cadets, Martinique	190501010700	191312311600	14.75	-61.15	511	2 French Annales		
Santo Domingo, Dominican Republic	191002010600	191312312100	18.47	-69.88	18.2	2 French Annales		
Tobago	188903010800	189610312100	11.15	-60.72		2		
Trinidad	18220923	18221003	10.5	-61.5		2		
Trinidad, Botanical Gardens	186202010930	186406300930	10.67	-61.57		2 UK Climatological Returns		
Trinidad, Botanical Gardens	188706010700	189911301500	10.67	-61.57		2		
CHINA								
Yarkand	18731112	18740325	38.42	77.24		2		
Kashgar	18731212	18740312	39.467	75.983		3		
Kashgar	1886	1946	39.467	75.983		3		
Kashgar	1893	1899	39.467	75.983		2 Indian Monsoon Charts	Gail Willetts	ACRE
Chusan	184008210605	184102220600	30.417	122.417		1 Google Book Search		
Canton	183508050100	183508061400	23.02	113		1 Google Book Search		
Canton	183508040900	183508070500	23.02	113		1 THE CANTON REGISTER		
Canton	185808010900	186012311500	23.02	113		3 UK Climatological Returns		
Canton	18931231600	19321231	23.02	113		1 NOAA Central Library	ALLIE & DAN	ACRE
Hong Kong	185301010900	188612311800	22.27	114		3 UK Climatological Returns + Hong Kong Government Reports online		
Hong Kong	189312311600	19321231	22.27	114		1 NOAA Central Library	ALLIE & DAN	ACRE
Macao	183508050100	183508061400	22.18	113.53		1		
Macau	18741217	18961220	22.18	113.53		2 Google Book Search		
Macau	18820101	18871231	22.18	113.53	87	1 SIGN		
Macau	18931231600	19321231	22.18	113.53		1 NOAA Central Library	ALLIE & DAN	ACRE
Macau	19010101	20001231	22.18	113.53		1 Macao Meteorological and Geophysical Bureau		

Macau	19150101	19361231	22.18	113.53	87	2 IDL Archives, Portugal		
Peking/Beijing	1841	1910	39.93	116.28		1 Russian volumes digitised by Masumi Zaiki & co		
Beijing	1850	2009	39.93	116.28		3		
Beijing	1875	1884	39.93	116.28		2 International Simultaneous	Gail Willetts	ACRE
Zi-Ka-Wei, Shanghai	1880	1936	31.2	121.45		3 JESUIT - EBRO LIBRARY, daily obs up to 24, Masumi is working on them		
Shanghai	1930	1944	31.28	121.47	3.3	3 3 times daily. Held in JMA		
Shanghai	187212010900	19421231	31.28	121.47		1 NOAA Central Library		
Shanghai	189312311600	19321231	31.28	121.47		1 NOAA Central Library	ALLIE & DAN	ACRE
Shanghai	1872	2009	31.18	121.42		3		
Chinkiang	1905010	19121131	32.333	120		2 UK Climatological Returns		
Chungkangin	1914	1944	41.78	126.88	312	3 3-6 times daily. Held in JMA		
Unggi	1915	1944	42.32	130.4	89	3 3-6 times daily. Held in JMA		
Talien	1905	1944	38.9	121.63	97.3	3 3-6 times daily. Held in JMA		
Ryojun (Port Arthur)	1906	1944	38.8	121.22	16.1	3 3-6 times daily. Held in JMA		
Changchun	1909	1941	43.87	125.33	213.6	3 6 times daily. Held in JMA		
Imienpo (Chuho)	1909	1940	45.05	128.08	223.3	3 6 times daily. Held in JMA		
Harbin	1909	1941	45.75	126.63	141.5	3 3-6 times daily. Held in JMA		
Anta	1914	1941	46.42	125.33	150.9	3 3-6 times daily. Held in JMA		
Tsitshar/Qiqihar (Lunkiang)	1930	1941	47.33	123.93	148.1	3 3-6 times daily. Held in JMA		
Ilan	1916	1929	46.33	129.55		3 3-6 times daily. Held in JMA		
Mutankiang (Ningan)	1909	1941	44.58	129.6	240.3	3 3-6 times daily. Held in JMA		
Mukden (Shenyang)	1905	2009	41.78	123.4	44.3	3 6 times daily. Held in JMA		
Yingkow	1905	1941	40.67	122.23	3.7	3 6 times daily. Held in JMA		
Foochow/Fuzhou/Fujian	189312311600	18961231	26.08	119.28		1 NOAA Central Library	ALLIE & DAN	ACRE
Chalantun	1909	1941	48	122.73	311.6	3 6 times daily. Held in JMA		
Amoy/Xiamen	18730805	18790102	24.45	118		3		
Amoy/Xiamen	189312311600	19321231	24.45	118		1 NOAA CENTRAL LIBRARY - SOUTH CHINA SEA digitisations	ALLIE & DAN	ACRE
Amoy/Xiamen	19140701	19230430	24.45	118		3 UK Climatological Returns		
Anping	189312311600	18961231	29.54	109.66		1 NOAA CENTRAL LIBRARY - SOUTH CHINA SEA digitisations	ALLIE & DAN	ACRE
Swatow/Shantou	189312311600	19321231	23.4	116.68		1 NOAA CENTRAL LIBRARY - SOUTH CHINA SEA digitisations	ALLIE & DAN	ACRE
Hailar (Hulun)	1909	1941	49.22	119.73	620.6	3 3-6 times daily. Held in JMA		
Manchouli (Lupin)	1909	1941	49.58	117.43	640.7	3 3-6 times daily. Held in JMA		
Tientsin	1906	1944	39.15	117.15	4.6	3 3 times daily. Held in JMA		
Tsinan	1919	1936	36.67	116.97	46.6	3 6 times daily. Held in JMA		
Chefoo	1905	1941	37.57	121.5	22.8	3 3 times daily. Held in JMA		
Tsingtau	1916	1944	36.07	120.32	78.6	3 3 times daily. Held in JMA		
Tsingtau	189807010800	190112312100	36.07	120.28	14.9	3 German Colonial		
Hankow	1905	1942	30.58	114.28	39.1	3 3 times daily. Held in JMA		
Tchen Tou/Chengdu	190604010800	191105312100	30.12	103.15	510	2 French Annales		
Tung Ch'uan	19160501	19261231	31	105		3 UK Climatological Returns		
Wuhu	19010401	19041031	31.5	118		3 UK Climatological Returns		
Yunnan Sen	190201010900	190412311600	25.1	102.87	1980	2 French Annales		
Yunnan Fou	190704011000	191312311600	25.17	102.87	1986	2 French Annales		
COSTA RICA								
San José	1875	1884	9.9	-84.1		2 International Simultaneous	Gail Willetts	ACRE
CROATIA								
Lesina/Split	18690101	18811231	43.53	16.3		1 EMULATE		
Lesina/Split	187501010700	191612312100	43.167	16.433	19.5	2 Austrian Year Books		
Pola/Pula	18710101	189512	44.87	13.83		3 Austrian Year Books		
Zagreb	1862	2000	45.82	15.98		1 EMULATE		
CZECH REPUBLIC								
Prague	178101011200	200112311200	50.08	14.42		1 EIP Research		
DENMARK								
Copenhagen, Royal Observatory	17510101	17751231	55.681	12.576		2 Google Book Search		
Nordby	1874	2002	55.43	8.4		2		
Oksoy Fyr	1870	2002	58.07	8.05		2		
Vestervig	1874	1995	56.77	8.32		2		
Hammerodde	1874	1995	55.3	14.78		2		
FINLAND								
Vardo	1861	2003	70.36	31.1		2		
Sodankyla	18820820	18830831	67.41	26.6		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Helsinki	1844	2001	60.17	24.95		2		
FRANCE								
Paris	16700101	20071231	48.84	2.34		1		
Paris	178501011200	188012311200	48.84	2.34		3 EIP Research		
Paris	1816	1958	48.84	2.34		1 METEOFRANCE		
Lyon	186901010900	188112310900	45.72	4.95		1 EMULATE		
Lyon	1880	1920	45.72	4.95		2 METEOFRANCE		
Rochefort	1841	1848	45.93	-0.93		3 METEOFRANCE		
Rochefort	18621216	18811231	45.93	-0.93		1 EMULATE		
Rochefort	1880	1898	45.93	-0.93		3 METEOFRANCE		
Rochefort, Military Hospital	1815	1899	45.93	-0.93		1 METEOFRANCE		
Toulon	18680503	18811231	43.1	5.93		1 EMULATE		
Brest	18610103	18811231	48.45	-4.16		1 EMULATE		
Bordeaux	1880	1924	44.83	-0.32	73.65	3 METEOFRANCE		
Bordeaux	1899	1941	44.83	-0.32		1 METEOFRANCE		
Strasbourg	1802	1870	48.58	7.77	143.6	3 METEOFRANCE		
Strasbourg, Botanic Gardens	1922	1955	48.584	7.767		1 METEOFRANCE		
Strasbourg, Port	1912	1921	48.554	7.795		1 METEOFRANCE		
Marseille	1780	1880	43.3	5.38	75	3 METEOFRANCE		
Marseille Observatory	1837	1863	43.309	5.388		1 METEOFRANCE		
Metz	1841	1881	49.08	6.13	191	3 METEOFRANCE		
Versailles	1846	1881	48.8	2.12	128.5	3 METEOFRANCE		
Beaufiicel	1860	1873	48.72	-0.8	123.19	3 METEOFRANCE		
Goersdorf	1849	1859	48.95	7.77		3 METEOFRANCE		
Vendome	1851	1859	47.8	1.44	88.7	3 METEOFRANCE		
Dijon	1845	1854	47.32	5.03		3 METEOFRANCE		
Rouen	1845	1857	49.43	1.08	12	3 METEOFRANCE		
Toulouse Observatory	1901	1925	43.612	1.463		1 METEOFRANCE		
Bayonne	18600901	18620331	43.485	-4.652		1 EMULATE		
Biarritz	1860	18801231	43.46	-1.53		1 EMULATE		
GIBRALTAR								
Gibraltar	1850	2002	36.1	-5.35		1		
GERMANY								
Jena	18500101	20100131	50.93	11.58		1 ECSN		
Berlin	18760101	20100131	52.56	13.32		1 ECSN		
Bremen	18900101	20100131	53.05	8.8		1 ECSN		
Potsdam	18760101	20100131	52.38	13.06		1 ECSN		
München	18790101	20100131	48.17	11.5		1 ECSN		
Kaiserslautern	19010101	19930409	49.43	7.74		1 ECSN		
Leipzig	17280229	17281210	51.44	12.24		2 Google Book Search		
Leipzig	19000101	20100131	51.44	12.24		1 ECSN		
Karlsruhe	18760101	20100131	49.04	8.37		1 ECSN		
Rheinstetten	18760101	20100131	48.96	8.33		1 ECSN		
Zugsprite	19000801	20100131	47.42	10.99		1 ECSN		
Trier	19070101	20100131	49.75	6.65		1 ECSN		
Stuttgart	19000101	20100131	48.77	9.18		1 ECSN		
Schwerin	19000101	20100131	53.64	11.39		1 ECSN		
Hohenpeissenberg	18500101	20100131	47.8	11.02		1 ECSN		
Hannover	19360101	20100131	52.47	9.68		1 ECSN		
Hamburg	19310101	20100131	53.48	10.24		1 ECSN		
Halle	19000101	20100131	51.48	11.95		1 ECSN		
Münster	19310101	20100131	51.95	7.59		1 ECSN		
Frankfurt	18700101	20100131	50.05	8.6		1 ECSN		
Dresden	19170101	20100131	51.12	13.68		1 ECSN		
Bamberg	18790101	20100131	49.86	10.9		1 ECSN		
GREECE								
Athens	1850	1880	37.9	23.73		2 National Observatory of Athens		
Athens	18630101	18821231	37.9	23.73		1 EMULATE		
Athens	1875	1884	37.97	23.73		2 International Simultaneous	Gail Willetts	ACRE
Athens	1911	1931	37.9	23.73		2 NOAA Central Library Scans under Egypt		
Salonica	186909010800	187412311415	40.52	22.97	4	3 MO Archives Imperial Observatory Constantinople		
Salonica	19160504	19190217	40.52	22.97		3 UK Daily Weather Reports		
Zeitenlik/Salonica	189001010700	18931231	40.62	22.97	46.7	2 French Annales		
Cavalla, Macedonia	190601010700	191112312100	40.92	24.45	12	2 French Annales		
Corfu	18210801	18211128	39.65	19.95		1 Google Book Search		
Corfu	1852	1861	39.65	19.95		3 UK Climatological Returns		
Corfu	18520901	18791231	39.65	19.95		3 EMULATE CRU UEA Royal Engineers		
Corfu	187601010700	187912312200	39.65	19.95		2 Austrian Year Books		
Corfu	1887	1888	39.65	19.95		3 MO Archives		
Corfu	1894	1918	39.65	19.95		3		
Patras	18730101	18750531	38.25	21.75		3 UK Climatological Returns		
Candia/Heraklion, Crete	190809010800	1931	35.333	25.133		2 NOAA Central Library Scans under Egypt		
Candia/Heraklion, Crete	19160504	19300228	35.333	25.133		3 UK Daily Weather Reports		
Mirabella, Suda Bay, Crete	19300101	19400531	35.3	25.7		3 UK Climatological Returns		
La Canee, Crete	188306090815	188504280815	35.5	24	34	2 French Annales		
La Canee, Crete	188801	189210312115	35.5	24	43	2 French Annales		
GREENLAND								
Greenland	18230821	18230830	74.54	-18.82		2		
Godthaab	18750116	188412	64.16	-51.75		1 EMULATE + IPY + International Simultaneous	Gail Willetts	ACRE
Ivigut	188103	188712	61.2	-48		2 International Simultaneous	Gail Willetts	ACRE
Jacobshaven	188103	188712	69.22	-50.92		2 International Simultaneous	Gail Willetts	ACRE
Upernavik	188211	188712	72.78	-56		2 International Simultaneous	Gail Willetts	ACRE
Tasiilaq/Angmagssalik	1894	1999	65.6	-37.63		1 EMULATE		
HUNGARY								
Debrezin	187204010700	187206130700	32.35	29.87	132	2		

Debrezin	186401	187012	32.35	29.87		3			
ICELAND									
Stykkisholmur	1874	2003	65.08	-22.73		2 WASA EMULATE			
Bessested	17490801	17519731	64.1	-21.9		2 Google Book Search			
Reykjavik	181601011200	200012311200	64.13	-21.9		3 EIP Research			
INDIA									
Leh	1893	1899	34.167	77.58		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Bhaunagar	1893	1899	21.767	72.15		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Bareilly	183105081500	183106300900	18.92	72.87	1080	1 Google Book Search			
Bombay	18161101	18201231	18.92	72.87		2			
Bombay	184305180400	184305231600	18.92	72.87		1 Google Book Search			
Bombay	184704180400	184704202200	18.92	72.87		2 Transactions of the Bombay Geographical Society			
Bombay	18490112	18490119	18.92	72.87		1 Crisis of the 15th Jan, 1849			
Bombay	18490118	18490125	18.92	72.87		1 Crisis of the 20-23 Jan, 1849			
Bombay	185411011600	1854110211	18.92	72.87		1 Hurricane of the 1-2 Nov, 1854			
Bombay	185410291700	185411021100	18.92	72.87		1 Google Book Search			
Bombay	1879	1883	18.9	72.82		3			
Bombay	1884	1888	18.9	72.82		2			
Bombay	1891	1894	18.9	72.82		3			
Calcutta	178408011200	178512311200	22.68	88.45		1 Google Book Search			
Calcutta	178503060715	178602291420	22.68	88.45		1 Google Book Search			
Calcutta	18320501	18381031	22.68	88.45		2 The Calcutta Christian Observer			
Calcutta	183906011200	183906041200	22.68	88.45		1 Google Book Search			
Calcutta	18400429	184005020500	22.68	88.45		1 Google Book Search			
Calcutta	18420531	184206041020	22.68	88.45		1 Google Book Search			
Calcutta	18470401	1847	22.68	88.45		2 Transactions of the Bombay Geographical Society			
Calcutta	18490112	18490119	22.68	88.45		1 Crisis of the 15th Jan, 1849			
Calcutta	18490118	18490125	22.68	88.45		1 Crisis of the 20-23 Jan, 1849			
Saint Xavier's College, Calcutta	1868	1918	22.548	88.358		3 JESUIT - EBRO LIBRARY, Matsumi is working on them			
Calcutta	1879	1883	22.68	88.45		3			
Calcutta	1884	1888	22.68	88.45		2			
Calcutta	1891	1894	22.68	88.45		3			
Lucknow	1879	1883	26.83	81		3			
Lucknow	1884	1888	26.83	81		2			
Lucknow	1891	1894	26.83	81		3			
Allahabad	1887	1888	25.43	81.87		2			
Allahabad	1891	1894	25.43	81.87		3			
Lahore	1879	1883	31.57	74.33		3			
Lahore	1884	1888	31.57	74.33		2			
Lahore	1891	1894	31.57	74.33		3			
Kyelang	1893	1899	32.583	77.033		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Nagpur	1879	1883	21.15	79.18		3			
Nagpur	1884	1888	21.15	79.18		2			
Nagpur	1891	1894	21.15	79.18		3			
Table Island, Cocos Islands	1893	1899	14.182	93.458		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Chatham Island, Port Blair	18580407	18580410	11.683	92.717		1 Google Book Search			
Port Blair	1893	1899	11.683	92.717		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Pamben	1893	1899	9.25	79.333		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Camorta	1893	1899	8.133	93.5		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Colaba, Bombay	18541102100	185411021030	18.92	72.87		1 Government Met. Obs.			
Futtegurh	18490112	18490119	27.35	79.52		1 Crisis of the 15th Jan, 1849			
Futtegurh	18490118	18490125	27.35	79.52		1 Crisis of the 20-23 Jan, 1849			
Hoshungabad	18490112	18490119	22.68	77.7		1 Crisis of the 15th Jan, 1849			
Hoshungabad	18490118	18490125	22.68	77.7		1 Crisis of the 20-23 Jan, 1849			
Mundleysir	182007010600	182007311600	22.196	75.758	696	1 Google Book Search			
Mhow	182101010900	182101312200	22.57	75.83	2019	1 Google Book Search			
Fort St George, Madras	177610011800	177805310000	13.067	80.25		3 William Roxburgh			
Egmore, Madras	17870120	17870930	13.067	80.25	12	2 William Petrie			
Madras Observatory	17960201	18071231	13.067	80.25		2 MO Archives			
Madras Observatory	18130101	1841	13.067	80.25		2 MO Archives			
Madras	1879	1883	13.067	80.23		3			
Madras	1884	1888	13.067	80.23		2			
Madras	1891	1894	13.067	80.23		3			
Pondichery	190601010730	191312312100	11.93	80.18		2 French Annales			
Sewree, Bombay	18541102100	185411021030	19.001	72.86		1 3 miles S of Sewree, and 6 NE of the Observatory			
Observatory, Trivandrum	183806020600	183806221800	8.533	76.867	27	1 Google Book Search			
Observatory, Trivandrum	183809210600	183809221800	8.533	76.867	27	1 Google Book Search			
Observatory, Trivandrum	183812210600	183812211800	8.533	76.867	27	1 Google Book Search			
Observatory, Trivandrum	183903210600	183903221800	8.533	76.867	27	1 Google Book Search			
Observatory, Trivandrum	183906210600	183906221800	8.533	76.867	27	1 Google Book Search			
Observatory, Trivandrum	183909210600	183909221800	8.533	76.867	27	1 Google Book Search			
Nova Goa	19150101	19361231	15.47	73.08	60.5	2 IDL:Archives, Portugal			
Amini Divi	1893	1899	11.117	72.733		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Minicoy	1893	1899	8.3	73.15		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Mutlah	1893	1899	11.667	92.717		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Eastern Channel Floating Light	1893	1899	21.04	88.14		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Long Sands, Sandheads	1893	1899	21.575	88.018		2 Indian Monsoon Charts	Gail Willetts	ACRE	
INDIAN OCEAN									
Mauritius	182402230700	182402240800	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	183401191900	183401220000	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	183603050800	183603080800	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	184004082100	184004102100	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	184212170900	184212291500	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	184301161200	184301192400	-20.16	57.5		1 Google Book Search			
Port Louis, Mauritius	1833	1838	-20.16	57.5		3			
Souillac, Mauritius	184004081200	184004121200	-20.52	57.52		1 Google Book Search			
Mauritius	1852110160830	185912310930	-20.15	57.48		2 UK Climatological Returns - BADC WWW site			
Mauritius	1852110160830	18611231	-20.15	57.48		3 UK Climatological Returns			
Mauritius	1864	1938	-20.15	57.48		3 Royal Alfred Observatory - MO Archives			
Mauritius	1875	1884	-20.01	57.55		2 International Simultaneous	Gail Willetts	ACRE	
Royal Alfred Observatory, Mauritius	1888010100600	189312311500	-20.094	57.48		2 NOAA Central Library			
Royal Alfred Observatory, Mauritius	191501010100	195012312400	-20.094	57.48		2 NOAA Central Library			
Vacoas, Mauritius	195101010600	197212310600	-20.3	57.5		2 NOAA Central Library in Mauritius volumes			
Plaisance, Mauritius	195101010600	197212310600	-20.433	57.667		2 NOAA Central Library in Mauritius volumes			
Aldabra Island	19670901	19820930	-9.4	46.2		3 UK Climatological Returns			
Agalega Island	19441101	19471130	-10.55	56.75	10	3 UK Climatological Returns			
Agalega Island	195101010600	197212310600	-10.55	56.75	10	2 NOAA Central Library in Mauritius volumes			
Rodrigues Island	191512010900	191712310900	-19.683	63.417	140	2 NOAA Central Library in Mauritius volumes			
Rodrigues Island	195101010600	197212310600	-19.683	63.417	192	2 NOAA Central Library in Mauritius volumes			
Réunion	184004070600	184004122100	-20.83	55.25		1			
Réunion	188301010930	188512311500	-20.83	55.25	15.5	2 French Annales			
Réunion	189201010900	189312311500	-20.83	55.25	15.5	2 French Annales			
Le Port, Réunion	189801040700	190012311900	-20.92	55.33	13.5	2 French Annales			
Saint Denis, Réunion	190105010800	190212312000	-20.85	55.5	31	2 French Annales			
Yaounde, Cameroon	19260201	19631031	3.817	11.517		3 Meteo France			
Ngaoundere, Cameroon	19260801	19901231	7.317	13.583		3 Meteo France			
Kribi, Cameroon	19260201	19941231	2.95	9.917		3 Meteo France			
Saint Brandon Island	19441001	19480131	-16.45	59.55		3 UK Climatological Returns			
Saint Brandon Island	195101010600	197212310600	-16.45	59.55		2 NOAA Central Library in Mauritius volumes			
Kerguelen Island	18741106	18750131	-49.42	69.885		2 MO Archives			
Port Victoria, Seychelles	1885	1940	-4.67	55.52		3			
Port Victoria, Seychelles	1894	1899	-4.67	55.52		2 Indian Monsoon Charts	Gail Willetts	ACRE	
Diego Garcia Island	195101010600	197112310600	-7.233	72.433	7	2 NOAA Central Library in Mauritius volumes			
Christmas Island	1901	1911	-10.42	105		2 UK MO Archives Strait's Settlements			
Christmas Island	191401010900	195212310900	-10.42	105		2 UK Climatological Returns			
IRELAND									
Galway, Ireland	1850	1880	53.28	-9.02		2			
Galway, Ireland	18610107	19201231	53.28	-9.02		1 EMULATE			
Kilkenny, Ireland	183801010900	183803111800	52.65	-7.25		1			
Roche's Point, Ireland	18680101	18751231	51.46	-8.15	41.4	1			
Valentia Observatory	18610101	1995	51.93	-10.25		1 EMULATE			
ITALY									
Milan	176301011200	199812311200	45.61	8.73		3 EIP Research			
Padova	176601011200	199712311200	45.4	11.85		3 EIP Research			
Palermo	179001011200	188012311200	38.13	13.33		3 EIP Research			
Modena	18661201	18671130	44.102	10.933		2 Google Book Search			
Florence	18210801	18320930	43.783	11.25		2 Google Book Search			
Rome	18190901	18391231	41.95	12.5		2 Google Book Search			
Rome	18690101	18811231	41.95	12.5		1 EMULATE			
Rome	1925	1930	41.95	12.5		2 NOAA Central Library - Egypt			
Brindisi	1911	1914	40.65	17.95		2 NOAA Central Library - Egypt			
Naples	18330101	18331231	40.833	14.25		2 Google Book Search			
Pavia	18091201	18101130	45.167	9.167		2 Google Book Search			
Turin	180701011200	180812311200	45.07	7.68	276.4	2 Google Book Search			
Turin	18110101	18111231	45.07	7.68	276.4	2 Google Book Search			
Turin	186512010900	186606302100	45.07	7.68		2 Google Book Search - Atti della R. Accademia delle scienze di Torino, Volume 1			
Trieste	18450101	18451231	45.65	13.75		2 Google Book Search			
Trieste	187501010700	188512312100	45.65	13.75		2 Austrian Year Books			
JAPAN									
Tokyo	1824	1828	35.683	139.767		1 Masumi Zaiki			
Tokyo	1838	1855	35.683	139.767		1 Masumi Zaiki			
Tokyo	1872	1875	35.683	139.767		1 Masumi Zaiki			
Tokyo	1875	2010	35.683	139.767		1 JMA			
Decima, Nagasaki	1826	1828	32.733	129.867		1 Masumi Zaiki			
Decima, Nagasaki	1845	1848	32.733	129.867		1 Masumi Zaiki			
Decima, Nagasaki	18481001	18771231	32.733	129.867		1 Masumi Zaiki			

Nagasaki	18730805	18790102	32.733	129.867		3		
Nagasaki	189312311600	2010	32.733	129.867		1 JMA		
Osaka	1828	1833				1 Masumi Zaiki		
Osaka	1869	1871				1 Masumi Zaiki		
Osaka	1883	2010				1 JMA		
Kobe	1869	1871				1 Masumi Zaiki		
Kobe	1875	1888				1 Masumi Zaiki		
Kobe	1897	2010				1 JMA		
Hakodate	1859	1863				1 Masumi Zaiki		
Hakodate	1873	2010				1 JMA		
Yokohama	1864	1868				1 Masumi Zaiki		
Yokohama	1869	1871				1 Masumi Zaiki		
Yokohama	1897	2010				1 JMA		
Kagoshima	1911	1945	31.567	130.55		1 Japanese Sources - Dr Kubota	**Dr Kubota**	**Japanese Effort**
JAPANESE ISLANDS								
Ishigaki Jima	1897	1949	24.33	124.17	7.3	3 Daily records 3-6 times daily. Held in JMA		
Ishigaki Jima	1901	1910	24.33	124.17		1 Japanese Sources - Dr Kubota	**Dr Kubota**	**Japanese Effort**
Miyako Jima	1928	1948	24.78	125.28	41.5	3 Daily records 3-6 times daily. Held in JMA		
Naha	1891	1944	26.2	127.65	29.5	3 Daily records 3-6 times daily. Held in JMA		
Naha	1901	1944	26.2	127.65		1 Japanese Sources - Dr Kubota	**Dr Kubota**	**Japanese Effort**
Titi Jima	1907	1943	27.08	142.18	4.1	3		
JAPANESE/RUSSIAN ISLANDS						Daily records 3-6 times daily. Held in JMA		
Syana	1903	1944	45.23	147.88	39.2	3 Daily records 3-6 times daily. Held in JMA		
Otomari (Korsakov)	1906	1944	46.65	142.77	37.3	3 Daily records 3-6 times daily. Held in JMA		
Maoka (Kholmsk)	1908	1944	47.05	142.05	29.6	3		
Ochiai (Dolinsk)	1908	1944	47.33	142.78	41.4	3		
Shikka (Poronaysk)	1908	1944	49.22	143.1	3.5	3		
KOREA								
Cheju	1923	1943	33.52	126.53	23.5	3		
Mokpo	1904	1944	34.78	126.38	32.5	3		
Pusan	1903	1944	35.1	129.03	70.5	3		
Chonju	1919	1944	35.82	127.15	52.5	3 Daily records 3-6 times daily. Held in JMA		
Taegu	1907	1944	35.88	128.62	60.9	3 Daily records 3-6 times daily. Held in JMA		
Inchon	1904	1944	37.48	126.63	70.4	3 Daily records 3-6 times daily. Held in JMA		
Chimulpo	188807010300	18911231	37.47	126.62	7.9	2 German Colonial		
Seoul	1907	1944	37.57	126.97	87	3 Daily records 3-6 times daily. Held in JMA		
Kangnung (Koryo)	1912	1944	37.75	128.9	16.7	3 Daily records 3-6 times daily. Held in JMA		
Pyongyang	1907	1944	39.02	125.82	28.7	3 Daily records 3-6 times daily. Held in JMA		
Wonsan	1905	1944	39.18	127.6	36.5	3 Daily records 3-6 times daily. Held in JMA		
Yogampo	1905	1930	39.93	124.37	6.4	3 Daily records 6 times daily. Held in JMA		
Sinuji	1931	1944	40.01	124.38	7.5	3 Daily records 3-6 times daily. Held in JMA		
Songjin (Zyoshin)	1905	1944	40.67	124.38	31.9	3 Daily records 3-6 times daily. Held in JMA		
LATVIA								
Riga	1850	1990	56.81	23.89		2		
LITHUANIA								
Wilna/Vilnius	1850	1990	54.68	25.3		2		
MARITIME CONTINENT								
Malacca, Malaysia	188601010900	188612312100	2.167	102.23		2 Straits Settlements MO Archives		
Malacca, Malaysia	189601010900	191512312100	2.167	102.23		2 Straits Settlements MO Archives		
Penang, Malaysia	188601010900	188612312100	5.5	101		2 Straits Settlements MO Archives		
Penang, Malaysia	1893	1899	5.4	100.33		2 Indian Monsoon Charts	**Gail Willetts**	**ACRE**
Penang, Malaysia	1893	1940	5.4	100.33		3 MO Archives Indian Met Dept records		
Penang, Malaysia	189601010900	191512312100	5.5	101		2 Straits Settlements MO Archives		
Labuan, Malaysia	19110101090	191512312100	5.3	115.25		2 Straits Settlements MO Archives		
Bencoolen (Fort Marlborough)	18190601	181909301800	-3.794	102.253		1 Google Book Search		
Singapore	184101010615	184512310516	1.309	103.942		1 EEIC C.M. Elliott's Observations MO Archives		
Singapore	186301010900	186512300900	1.309	103.942		1 MO Archives		
Fort Canning, Singapore	18680301	18861231	1.27	105		3 UK Climatological Returns		
Convict Jail Hospital, Singapore	1869	1884	1.309	103.942		3 Straits Settlements MO Archives		
Singapore	186801010900	188612312100	1.283	103.85		2 Straits Settlements MO Archives		
Singapore	187701010900	188612312100	1.283	103.85		2 Straits Settlements MO Archives		
Singapore	1893	1899	1.283	103.85		2 Indian Monsoon Charts	**Gail Willetts**	**ACRE**
Singapore	189601010900	191512312100	1.283	103.85		2 Straits Settlements MO Archives		
Singapore	1893	1940	1.309	103.942		3 MO Archives Indian Met Dept records		
Changi Airport, Singapore	19461001	19713011	1.37	104		3 UK Climatological Returns		
Buitenzorg/Bogor, Indonesia	184109160600	185506301000	-6.617	106.808		1 KNMI		
Padang, Indonesia	18500101	18530430	-0.883	100.35		1 KNMI		
Dili, East Timor	1917	1936	-8.6	125.58		2 IDL Archives, Portugal, monthly		
Hato-Lia, East Timor	1917	1936	-8.8114	125.3183		2 IDL Archives, Portugal, monthly		
Manatuto, East Timor	1917	1936	-8.5114	126.0131		2 IDL Archives, Portugal, monthly		
MALTA								
Valetta, Malta	18520401	18861231	35.9	14.52		1 UK Climatological Returns		
HMS Hibernia, Valetta, Malta	1855	1902	35.9	14.52		3 Stationed in Valetta Harbour UK National Archives, Kew		
Valetta, Malta	1875	1884	35.9	14.52		2 International Simultaneous	**Gail Willetts**	**ACRE**
Valetta, Malta	19210401	19470531	35.9	14.52		1 UK Climatological Returns		
Valetta, Malta	1907	1947	35.9	14.52		1 NOAA Central Library scans - under Egypt		
Gozo	1882	1909	36.02	14.27		3 Jesuit records		
Saint Ignatius College, Luqa	1883	1907	35.85	14.48		3 Private weather diary MO Archives		
Malta	18930101	19021231	35.92	14.48		2		
Malta, University of Malta	1900	1944	35.9	14.52		3 Meteorological Observatory: Daily Reports held by University of Malta Library		
Malta, University of Malta	1921	1961	35.9	14.52		1 From above in yesrs Jan.1914 - 1921 Dec. 1924-39,Oct 1948-61 MO Library		
MENORCA								
Mahon	189010100900	1913121600	39.88	4.25	43	2 French Annales		
MEXICO								
Vera Cruz	188601	188812	19.18	-96.15		2		
Acapulco	19210101	19811231	16.7631	99.7489	3	1 CDMP		
Aeropuerto Benito Juárez	19670701	19811231	19.4394	99.0742	2234	2 CDMP		
Aguasalientes	18780101	19811231	21.8533	102.2914	1877	1 CDMP		
Altar	19780501	19811231	30.7144	111.8347	397	2 CDMP		
Arriaga	19600101	19811231	16.2411	93.8975	49	2 CDMP		
Campeche	18780202	19811231	19.8333	90.5	5	2 CDMP		
Chapingo	19260501	19850531				2 CDMP		
Chetumal	19210101	19770831	18.4997	88.3264	9	2 CDMP		
Chihuahua	19000701	19811231	28.6706	106.1303	1372	1 CDMP		
Chilpancingo	19210401	19811231	17.55	99.5	1265	2 CDMP		
Choix			26.7	108.3167	238	2 CDMP		
Ciudad Constitucion	19780701	19811231	25.0097	111.6467	48	1 CDMP		
Ciudad Guzmán	18930101	19811231	19.7181	103.4647	1515	2 CDMP		
Ciudad Lerdo	19180601	19760630				2 CDMP		
Ciudad Obregón	19330301	19811231	27.4833	109.9167	38	2 CDMP		
Ciudad Universitaria			19.3283	99.1833	2278	3 CDMP		
Ciudad Victoria	19080521	19771231	23.7478	99.1717	336	1 CDMP		
Coatzacoalcos			18.1403	94.5222	16	3 CDMP		
Colima	18780201	19811231	19.2422	103.7203	445	2 CDMP		
Colotlán	19660801	19811231	22.1072	103.2678	1736	2 CDMP		
Comitán	19230701	19811231	16.2333	92.1333	1607	2 CDMP		
Córdoba			18.9	96.9333	924	3 CDMP		
Cozumel	19260101	19811231	20.4167	86.95	4	2 CDMP		
Cuernavaca	18730701	19811231	18.8922	99.2333	1618	2 CDMP		
Culiacan	19010901	19811212	24.6347	107.4406	39	1 CDMP		
Durango	18970501	19811211	24.0947	104.5997	1872	1 CDMP		
El Cipres	19210610	19560229				2 CDMP		
Empalme	19770101	19811231	27.95	110.8	12	1 CDMP		
Ensenada			31.8578	116.6058	21	2 CDMP		
Felipe Carrillo Puerto			19.5667	88.05	10	3 CDMP		
Guadalajara	18900101	19811231	20.71	103.39	1551	1 CDMP		
Guanajuato	18770801	19811231	21.0056	101.2856	1999	1 CDMP		
Guaymas	19080601	19760430	27.9833	110.7667	11	1 CDMP		
Hermosillo	18880101	19811231	29.0783	110.93	211	1 CDMP		
Hidalgo del Parral	19770119	19810731	26.9167	105.6667	1785	1 CDMP		
Huajuapan de León	19781108	19801231	17.8	97.7667	1680	2 CDMP		
Huejucar	19460501	19810831	22.3575	103.21	1830	2 CDMP		
Isla Guadalupe	19480201	19811231				1 CDMP		
Isla Socorro	19590501	19811231				2 CDMP		
Islas Marías	19220126	19791231	21.6328	106.5392	10	1 CDMP		
La Bufa	18770701	19811231	22.7783	102.5664	2612	1 CDMP		
La Paz	19180201	19811231	24.1167	110.3167	19	1 CDMP		
Lagos de Moreno	18770901	19791231	21.3478	101.9414	1901	2 CDMP		
León Preparatoria	18770801	19721231				2 CDMP		
Leon Seminario	19610101	19780730	17.8	97.7667	1680	1 CDMP		
Loreto	19771001	19811231	26.0167	111.3472	7	1 CDMP		
Manzanillo	19091101	19810228	19.0489	104.2983	3	1 CDMP		
Matamoros	18830101	19811231	25.8833	97.5167	8	1 CDMP		
Matlapa	19780531	19811231	21.2767	98.8056	133	2 CDMP		
Mazatlán	18910101	19811231	23.2167	106.4106	3	1 CDMP		
Mérida			20.95	89.65	11	1 CDMP		
Monclova	19440901	19811231	26.9083	101.4225	615	1 CDMP		
Monterrey	18810701	19811231	25.7336	100.3047	515	1 CDMP		
Morelia			19.7	101.1833	1913	3 CDMP		
Nacozar Garcia	19780710	19811231	30.3667	109.6833	1040	2 CDMP		
Nuevo Casas Grandes	19450101	19811231	30.3978	107.9072	1468	1 CDMP		
Oaxaca	18770901	19790131	17.0667	96.7	1519	2 CDMP		
Orizaba	18720601	19811231	18.85	97.1	1259	2 CDMP		
Pachuca			20.1283	98.7475	2425	3 CDMP		
Piedras Negras	19070401	19811231	28.7	100.5167	250	1 CDMP		
Progreso			21.2758	89.6539	2	1 CDMP		

Puebla Universidad	18880101	19811231	19.05	98.1667	2179	2 CDMP		
Puerto Angel	19620801	19780331	15.6733	96.4861	43	1 CDMP		
Puerto Cortez	19500601	19811231	24.4781	111.8222	10	1 CDMP		
Puerto Peñasco	19120501	19811231	31.3156	113.5347	61	2 CDMP		
Querétaro	18770901	19810731	20.5833	100.4	1881	1 CDMP		
Rio Verde	19210401	19800430	21.9214	99.9964	984	2 CDMP		
Salina Cruz	19030101	19771231	16.1708	95.1792	2	1 CDMP		
Saltillo	188407--	19811231	25.3764	101.0167	1790	1 CDMP		
San Cristóbal las Casas	19110417	19811231	16.7333	92.6333	2115	2 CDMP		
San Felipe			31.0292	114.8394	15	3 CDMP		
San Luis Potosí	19771001	19811231	22.2075	101.0222	1883	1 CDMP		
Santa Rosalia	19791201	19811231	27.2833	112.25	82	1 CDMP		
Sayula	19520401	19771231				1 CDMP		
Sombrerete			23.4667	103.65	2351	3 CDMP		
Soto la Marina	19500101	19811231	23.7667	98.2	21	1 CDMP		
Tacubaya			19.4036	99.1961	2309	3 CDMP		
Tampico			22.2	97.8561	26	3 CDMP		
Tamuin	19740101	19800731	22.0167	98.7936	23	2 CDMP		
Tapachula	18840201	19811231	14.9208	92.25	118	2 CDMP		
Temosachic	19080301	19810930	28.95	107.8167	1932	1 CDMP		
Tepehuanes	19800101	19820930	25.3378	105.7231	1810	2 CDMP		
Tepic	19291001	19821130	21.4892	104.8931	915	2 CDMP		
Tlaxcala			19.3119	98.2442	2248	3 CDMP		
Toluca	18770901	19801231	19.2911	99.7142	2726	1 CDMP		
Torreón	19070211	19811031	25.5197	103.4311	1123	2 CDMP		
Tulancingo	19210101	19811231	20.0842	98.3572	2214	1 CDMP		
Túxpan			20.9597	97.4189	10	3 CDMP		
Tuxtla Gutiérrez	19011001	19730630	16.75	93.1333	570	2 CDMP		
Valladolid			20.69	88.2042	27	3 CDMP		
Veracruz	187705--	19811231	19.1611	96.1369	20	2 CDMP		
Villahermosa	19030121	19771231	17.9833	92.9333	7	2 CDMP		
Xalapa	18780201	19600430	19.5119	96.9039	1360	2 CDMP		
Zamora	19710101	19811231	19.9833	102.3167	1562	2 CDMP		
MIDDLE EAST								
Aden, Yemen	184701010930	18501231	12.77	45.25		2 MO Archives		
Aden, Yemen	18490112	18490119	12.77	45.25		1 Crisis of the 15th Jan, 1849		
Aden, Yemen	18490118	18490125	12.77	45.15		1 Crisis of the 20-23 Jan, 1849		
Aden, Yemen	188008	1948	12.77	45.15		3 MO Archives Indian Met Dept records		
Aden, Yemen	1893	1899	12.77	45.15		2 Indian Weather Charts	Gail Willetts	ACRE
Perim Island, Yemen	18910601	18981231	12.65	43.4		2 UK Climatological Returns		
Perim Island, Yemen	1893	1940	12.65	43.4		3 MO Archives Indian Met Dept records		
Perim Island, Yemen	1893	1899	12.65	43.4		2 Indian Weather Charts	Gail Willetts	ACRE
Perim Island, Yemen	19400428	19490331	12.65	43.4		3 UK Climatological Returns		
Jerusalem, Palestine	189506010700	193712312100	31.78	35.17		3 UK Climatological Returns		
Jerusalem, Palestine	189701010700	191312312100	31.8	35.183	746	2 Austrian Year Books		
Gaza, Palestine	18980301	19050331	31.5	34.47		3 UK Climatological Returns		
Gaza, Palestine	1921	1928	31.5	34.47		2 NOAA Central Library - Egypt		
Gaza, Palestine	19270401	19360831	31.5	34.47		3 UK Climatological Returns		
Haifa, Israel	1921	1939	32.8	34.983		2 NOAA Central Library - Egypt		
El-Athroun, Israel	1906	1914	31.75	34.81		3 Jesuit records - Ebro Observatory		
Beirut, Lebanon	187901010900	187901312100	33.82	35.48		1		
Beirut, Lebanon	186909010800	188112310800	33.82	35.48		1 EMULATE		
Beirut, Lee Observatory, Lebanon	187412010900	191403311500	33.9	35.47		3 UK Climatological Returns		
Beirut, Lebanon	1875	1884	33.9	35.48		2 International Simultaneous	Gail Willetts	ACRE
Beirut, Lebanon	187601010900	191012312030	33.9	35.483	33	1 Austrian Year Books		
Le Krey, Lebanon	190004010730	19091231	33.82	35.67	1015	2 French Annales		
Ksara, Lebanon	191005010700	191312311930	33.82	35.87	913.2	2 French Annales		
Ksara, Lebanon	1921	1939	33.82	35.87		3 MO Archives + Jesuit records - Ebro Observatory		
Ksara, Lebanon	1940	1970	33.82	35.87		3 Jesuit records - Ebro Observatory		
Mount Lebanon, Syria	18900101	19040430	33.9	35.58		3 UK Climatological Returns		
Amman, Jordan	19230101	19651231	31.95	35.95		3		
Akrotiri, Cyprus	19560201	19890930	34.58	32.98		3 UK Climatological Returns		
Famagusta, Cyprus	188101010900	192212312100	35.97	33.57		3 UK Climatological Returns		
Larnaca, Cyprus	18810101	19221231	34.9	33.633		3 UK Climatological Returns		
Kyrenia, Cyprus	18810101	19221231	35.33	33.32		3 UK Climatological Returns		
Limassol, Cyprus	18820201	19221231	34.07	33.05		1 UK Climatological Returns		
Limassol, Cyprus	1916	1946	34.07	33.05		1 UK DWRs		
Limassol, Cyprus	1976	2004	34.07	33.05		1 ECA&D		
Nicosia, Cyprus	18801101	19221231	35.18	33.37		3 UK Climatological Returns		
Nicosia, Cyprus	19421001	19740630	35.18	33.37		3 UK Climatological Returns		
Paphos, Cyprus	18810101	19221231	34.58	32.42		3 UK Climatological Returns		
Paphos, Cyprus	19470501	19840631	34.58	32.42		3 UK Climatological Returns		
Baghdad, Iraq	178212131600	178401200700	33.23	44.23		1 Google Book Search		
Baghdad, Iraq	18660710	18661102	33.23	44.23		2 Google Book Search		
Baghdad, Iraq	18670101	18670709	33.23	44.23		2 Google Book Search		
Baghdad, Iraq	186909010800	187605310800	33.23	44.23		1 EMULATE		
Baghdad, Iraq	1893	1920	33.23	44.23		3 MO Archives Indian Met Dept records		
Baghdad, Iraq	1893	1899	33.23	44.23		2 Indian Weather Charts	Gail Willetts	ACRE
Hinadi, Baghdad	19220601	19371227	33.283	44.48		1 UK Climatological Returns & Registers		
Mohammerah, Iraq	188506010400	188709172000	30.43	48.22	0	2 German Colonial		
Kirkuk, Iraq	19230401	19480331	35.467	44.37		3 UK Climatological Returns		
Mosul, Iraq	19220601	19371231	36.333	43.13		3 UK Climatological Returns		
Rutbah, Iraq	19280601	19371231	33.033	40.28		3 UK Climatological Returns		
Buschehr/Bushire, Afghanistan	1878	1940	28.99	50.83		3 MO Archives Indian Met Dept records		
Buschehr/Bushire, Afghanistan	188509041200	188805312000	28.99	50.83	0	2 German Colonial		
Bushire, Afghanistan	1893	1899	28.99	50.83		2 Indian Weather Charts	Gail Willetts	ACRE
Basrah, Iraq	178402170700	178406301500	29.98	48.5		1 Google Book Search		
Fao/Basrah, Iraq	186909010800	187605310800	29.98	48.5		1 EMULATE		
Teheran, Iran	1893	1897	35.65	51.35		3 MO Archives Indian Met Dept records		
Teheran, Iran	1893	1899	35.65	51.35		2 Indian Weather Charts	Gail Willetts	ACRE
Isfahan/Esfahan/Ispahan, Iran	1893	1938	32.67	51.67		3 MO Archives Indian Met Dept records		
Isfahan/Esfahan/Ispahan, Iran	1893	1899	32.67	51.67		2 Indian Weather Charts	Gail Willetts	ACRE
Isfahan/Esfahan/Ispahan, Iran	19381210	19480731	32.67	51.67		3 UK Climatological Returns		
Abadan, Iran	19280101	19541231	30.35	48.267		3 UK Climatological Returns		
Jask, Iran	1893	1949	25.45	57.45		3 MO Archives Indian Met Dept records		
Jask, Iran	1893	1899	25.45	57.45		2 Indian Weather Charts	Gail Willetts	ACRE
Muscat, Oman	1893	1943	23.58	58.28		3 MO Archives Indian Met Dept records		
Muscat, Oman	1893	1899	23.58	58.28		2 Indian Weather Charts	Gail Willetts	ACRE
Jeddah, Saudi Arabia	18810401	18911231	21.476	39.271		1 KNMI		
Yemen	18420105	18420228	12.77	45.25		1 Google Book Search		
NEPAL								
Kathmandu	1879	1950	27.7	85.367		3 Indian Meteorological Department records		
NETHERLANDS								
De Bilt	1850	2001	52.1	5.18		1 KNMI		
Zwanenburg	1738	1861	52.33	4.5	7	1 KNMI		
NEW GUINEA								
Hatzfeldthafen	188610130700	188704302100	-4.4	145.23	3.2	2 German Colonial		
Sepik Expedition	191203170600	191309152000	-4.22	142.84	120	2 German Colonial		
Satteberg	191203010600	191312312100	-6.5	147.78	830	2 German Colonial		
Port Moresby	189207010900	189512310900	-9.48	147.15		2 MO Archives Colonial Gazette		
Port Moresby	1891	2009	-9.48	147.15	126	3		
Daru	189401010900	189506300900	-9.08	143.2		2 MO Archives Colonial Gazette		
Losuia	1908	1973	-8.55	151.08	3.7	3		
Lae	1925	1973	-6.73	147	8.8	3		
Kikori	1913	1973	-7.42	144.23	76.2	3		
Kavieng	1916	1973	-2.58	150.8	7	3		
Finschhafen	1924	1973	-6.63	147.87	8.8	3		
NEW ZEALAND								
Kaitaia	186306	2009	-35.133	173.267	85.2	3 NIWA		
Rotorua Airport	188601	2009	-38.117	176.317	288.3	3 NIWA		
Auckland	185301010900	186906301500	-36.83	175		3 UK Climatological Returns		
Mangere, Auckland	185310	199312	-36.850	174.767	2	3 NIWA		
New Plymouth Airport	186203	2009	-39.017	174.183	29.5	3 NIWA		
Masterton/East Taratahi AWS	190601	2009	-41.083	175.617	91	3 NIWA		
Gisborne Airport	190502	191601	-38.667	177.983	4	3 NIWA		
Gisborne Airport	193707	2009	-38.667	177.983	4	3		
Napier/Whakatu	186207	192212	-39.500	176.917	6	3 NIWA		
Paraparaumu Airport	195301	2009	-40.900	174.983	4.93	3 NIWA		
Kelburn/Wellington	184102	2009	-41.267	174.767	125.2	3 NIWA		
Taihape	190703	195102	-39.670	175.8	433	3 NIWA		
Hokitika Airport	186504	2009	-42.717	170.983	38.1	3 NIWA		
Milford Sound	193401	2009	-44.667	167.917	5.3	3 NIWA		
Appleby/Nelson	190710	195112	-41.300	173.217	17	3 NIWA		
Blenheim Research	194102	198703	-41.517	173.867	4	3 NIWA		
Lincoln Broadfield	186312	195501	-43.483	172.55	12	3 NIWA		
Timaru Airport AWS/ Waimate	189804	2009	-44.300	171.217	26	3 NIWA		
Queenstown	187203	195210	-45.017	168.733	326.1	3 NIWA		
Lauder EDR	192404	195910	-45.035	169.684	370	3 NIWA		
Musselburgh, Dunedin	185211	196212	-46.900	170.503	2	3 NIWA		
Invercargill Airport	186601	2009	-46.700	168.55	9	3 NIWA		
Raoul Island	193708	2009	-29.250	-177.917	45.7	3 NIWA		
Campbell Island	194101	2009	-52.550	169.150	14.9	1 NIWA		
Waitangi / Chatham Island	187801	2009	-43.950	-176.567	43.6	3 NIWA		
NORTH ATLANTIC								
Thorshaven, Faroe Islands	1874	2002	62.02	-6.77		2		
Signal Station, Bermuda	183909081200	183909142400	32.25	-64.833	134	1		

Signal Station, Bermuda	183910261200	184005231200	32.25	-64.833	134	1		
Signal Station, Bermuda	184308180600	184308190900	32.25	-64.833	134	1		
Signal Station, Bermuda	184510250600	184511010900	32.25	-64.833	134	1		
Signal Station, Bermuda	184511091000	184511111200	32.25	-64.833	134	1		
Central Station, Bermuda	184609111200	184609191200	32.25	-64.833		1		
Bermuda	18761225	18960308	32.38	-64.67		2 The Royal gazette, Bermuda commercial and general advertiser and recorder		
Bermuda	18520506	19001231	32.38	-64.67		3		
Bermuda	191001010900	192012312030	32.294	-64.783	151	2 NOAA Central Library		
Bermuda, St Georges	193208010800	193308312000	32.367	-64.667	158	2 NOAA Central Library		
Funchal, Madeira	18250201	18250531	32.63	-16.90		2		
Funchal, Madeira	18260101000	182712312200	32.63	-16.90		2		
Funchal, Madeira	184812110600	184905311600	32.75	-17	280	1 SIGN		
Funchal, Madeira	18700101	18761231	32.75	-17		3 UK Climatological Returns		
Funchal, Madeira	187106010900	188112310900	32.63	-16.90	25	1 EMULATE		
Funchal, Madeira	18720101	18871231	32.63	-16.90	25	1 SIGN		
Funchal, Madeira	1875	1884	32.63	-16.90		2 International Simultaneous	**Gail Willetts**	**ACRE**
Funchal, Madeira	19060101	19461231	32.63	-16.90	25	2 IDL Archives, Portugal		
Angra do Heroismo, Azores	187109010900	187803310900	38.66	-27.22	54	1 EMULATE		
Angra do Heroismo, Azores	1872	1887	38.66	-27.22	44	1 SIGN		
Angra do Heroismo, Azores	18700101	18761231	38.66	-27.22		3 UK Climatological Returns		
Angra do Heroismo, Azores	1875	1884	38.66	-27.22		2 International Simultaneous	**Gail Willetts**	**ACRE**
Angra do Heroismo, Azores	1906	1920	38.66	-27.22	44	2 IDL Archives, Portugal		
Ponta Delgada, Azores	1872	1887	37.75	-25.67	20	1 SIGN		
Ponta Delgada, Azores	1895	1935	37.75	-25.67		3 UK Climatological Returns		
Ponta Delgada, Azores	19060101	19461231	37.75	-25.67	20	2 IDL Archives, Portugal		
Tenerife	18560713	18560923	28.2	-16.605		2		
Teneriffe	185608300900	185708301000	28.2	-16.605		1 EMULATE		
Saint Croix de Teneriffe	188401	191312311700	28.48	-16.35		2 French Annales		
Puerta de Orotova, Tenerife	18881101	19031031	28.42	-16.50		2 UK Climatological Returns		
Teneriffe	1901	2002	28.47	-16.32		2		
Sao Vicente, Cape Verde Islands	18840101	18871231	16.9	-25.07	11	1 SIGN		
Sao Vicente, Cape Verde Islands	18840101	19311231	16.9	-25.07	11	1		
Mindelo, Sao Vicente, Cape Verde Islands	19150101	19361231	16.9	-25.07	11	2 IDL Archives, Portugal		
Cidade da Praia, Cape Verde Islands	18850101	18871231	14.9	-23.52	34	1 SIGN		
Cidade da Praia, Cape Verde Islands	1906	1930	14.9	-23.52	34	2 IDL Archives, Portugal		
Cidade da Praia, Cape Verde Islands	1940	2009	14.9	-23.52	34	3		
Las Palmas	188301010110	191312311600	27.47	-15.43	9.25	2 French Annales		
NORWAY								
Fairhaven, Spitzbergen	18230708	18230719	77.15	16.28		2		
Cap Thordsen, Spitzbergen	18820815	18830823	78.47	15.72		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Jan Mayen Island	18820801	18830731	71	-8.47		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Bossekop	18820801	18830831	69.96	23.25		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Bodo	1868	1994	67.26	14.43		2		
Drontheim	18231016	18231103	63.43	10.39		2		
Hammerfest	18230109	18230122	70.66	23.69		2		
Bergen	1868	2002	60.38	5.33		2		
PACIFIC OCEAN								
Saint Paul Island	187011011400	187012310900	57	-170	40	1 Alaskan Pilot		
Saint Paul Island, Alaska	188208	188212	57.78	-152.35		2		
Honolulu, Hawaii	18741003	18750205	21.299	-155		2 Google Book Search - Transit of Venus Expedition 1874-75		
Honolulu, Hawaii	1888	1894	21.32	-157.87		2 UK Climatological Returns		
Honolulu, Hawaii	189401010900	1904	21.32	-157.87		2 Weather record for Honolulu and the Hawaiian Islands - HathiTrust Digital Library: http://www.worldcat.org/wcpa/oclc/681434715?page=frame&url=http%3A%2F%2Fcatalog.hathitrust.org%2Fapi%2Fvolumes'		
Malden Island, Line Islands	189002230900	192602281500	-4.07	-154.97		1 UK Climatological Returns		
Flint Island, Line Islands	19070101	19071231	-11.4	-151.00		2 MO Archives		
Fanning Island	190701010900	195809300900	3.83	-159.00		3 UK Climatological Returns		
Futuna, New Hebrides	188701010600	189310311800	-19.5	170.00		3 UK Climatological Returns		
Valua Island, Vanua Lava, New Hebrides	18870101	18900924	-13.8	167.47		2 MO Archives		
Norfolk Island	185908	186408	-29.07	168.00		3 MO Met data		
Norfolk Island	187812010900	188402282100	-29.07	168.00		3 UK Climatological Returns		
Norfolk Island	19080101	19301231	-29.07	168.00		3		
Norfolk Island	1890	2009	-29.04	167.94		3		
Lord Howe Island	1886	19981130	-31.55	159.08		3		
Tongoa, New Hebrides	18931001	19091231	-16.92	168.00		3 UK Climatological Returns		
Papeiti, Tahiti, Society Islands	190101010800	190105301600	-17.53	-149.55	6	3 French Annales		
Makatea, Tuamotu Archipelago	191003010600	19112311800	-15.78	-148.23	39	1 French Annales		
Makatea, Tuamotu Archipelago	191003010600	19132311800	-15.78	-148.23	39	3 French Annales		
Rikitea, Gambier Islands	19020701	19040801	-23.17	-134.97	3	2 French Annales		
Ro Mare, Loyalty Islands, New Caledonia	190803010800	190912312100	-21.38	167.87	7	2 French Annales		
Ouitchambo, New Caledonia	191201010700	191312310700	-21.87	166.05	38	2 French Annales		
Nauru	189310020700	189912312100	-0.0433	166.967	8	1 German Colonial		
Nauru	190409010900	194111302100	-0.0433	166.967	8	1 UK Climatological Returns		
Avarua, Rarotonga, Cook Islands	189901010700	189906302100	-13.8	-171.77	4	1 UK Climatological Returns		
Avarua, Rarotonga, Cook Islands	190609010900	191501029900	-13.8	-171.77	14	1 UK Climatological Returns		
Tulagi, Solomon Islands	19090101	19411130	-9.06	160.00		2 UK Climatological Returns		
Manila, Philippines	1865	1938	14.583	120.98		1 Mazumi Zaiki		
Manila, Philippines	186801010600	186912131200	14.583	120.98		3 MO Archives		
Manila, Philippines	1875	1884	14.583	120.98		2 International Simultaneous	**Gail Willetts**	**ACRE**
Manila, Philippines	1886	1940	14.583	120.98		3 Jesuit - Ebro Library		
Manila, Philippines	189312311600	19321231	14.583	120.98		1 SOUTH CHINA SEA digitisation	**ALLIE & DAN**	**ACRE**
Manila, Philippines	191401010100	193801312400	14.583	120.98		1 Japanese Sources - Dr Kubota	**Dr Kubota**	**Japanese Effort**
Cebu, Philippines	189907131600	19031231	10.3	123.90		1 SOUTH CHINA SEA digitisation	**ALLIE & DAN**	**ACRE**
Iloilo, Philippines	189907131600	19321231	10.7	122.57		1 SOUTH CHINA SEA digitisation	**ALLIE & DAN**	**ACRE**
Bolinao, Philippines	189312311600	19321231	16.389	119.89		1 SOUTH CHINA SEA digitisation	**ALLIE & DAN**	**ACRE**
Marcus	1936	1940	24.28	153.97	8	3 6 times daily. Held in JMA		
Saipan	1926	1942	15.23	145.77	207	3 3-6 times daily. Held in JMA		
Truk	1926	1938	7.38	151.90		1 Masumi Zaiki		
Truk	1935	1940	7.38	151.90	112	3 6 times daily. Held in JMA		
Woleai	1937	1942	7.37	143.92	3.4	3 3 times daily. Held in JMA		
Palau	1924	1943	7.33	134.48	31.1	3 3-6 times daily. Held in JMA		
Palau	192401010100	193501312400	7.33	134.48		1 Japanese Sources - Dr Kubota	**Dr Kubota**	**Japanese Effort**
Ponape	1926	1943	6.97	158.22	38.9	3 3-6 times daily. Held in JMA		
Greenwich	1937	1940	1.1	154.80	2.3	3 6 times daily. Held in JMA		
Jaluit, Marshall Islands	1926	1941	5.92	169.65		1 Masumi Zaiki		
Jaluit, Marshall Islands	1936	1943	5.92	169.65	2.9	3 3-6 times daily. Held in JMA		
Yaluit, Marshall Islands	189305010700	189512312100	5.92	169.65	4	2 German Colonial		
Uyelang, Marshall Islands	189401010700	189712312100	9.7	161.05	10	2 German Colonial		
Yap, Caroline Islands	191201090600	191312311400	9.5	138.07	31.85	2 German Colonial		
Yap, Caroline Islands	1926	1941	9.5	138.07		1 Masumi Zaiki		
Noumea, New Caledonia	189101	1891231	-22.27	166.47		2 French Annales		
Noumea, New Caledonia	191010100900	191312311500	-22.27	166.47	9	1 French Annales		
Kiribati, Cristmas Island	195312	2009	1.983	-157.48	3	3 NIWA		
Banabe	190409	2009	-0.9	169.53	65.5	3 NIWA		
Tarawa	194901	2009	1.35	172.92	3	3 NIWA		
Beru	194907	2009	-1.35	176.00	2	3 NIWA		
Canton Island	198401	2009	-2.767	-171.717	1.5	3 NIWA		
Nanumea, Tuvalu	195001	2009	-5.667	176.133	1.5	3 NIWA		
Funafuti, Ellice Islands	193101010830	195706301500	-8.5	179.000		2 UK Climatological Returns		
Funafuti, Ellice Islands	194704	2009	-8.5	179.217	1	3 NIWA		
Niulakita	194111	2009	-10.75	179.500	3	3 NIWA		
Nukunonu, Tokelau	194801	2009	-9.2	-171.900	3	3 NIWA		
Apia Observatory, Samoa	189001	2009	-13.8	-171.783	1	3 NIWA		
Haapai, Tonga	193902	194106	-19.817	-174.350		2 MO Archives		
Niuafoou, Tonga	193801	194105	-15.567	-175.633		2 MO Archives		
Keppel, Tonga	194908	2009	-15.95	-173.767	2	3 NIWA		
Nuku'alofa, Tonga	18881001	18881231	-21.133	-175.183		1 MO Archives		
Nuku'alofa, Tonga	18890101	18911231	-21.133	-175.183		2 MO Archives		
Nuku'alofa, Tonga	193901	194106	-21.133	-175.183	2	2 MO Archives		
Nuku'alofa, Tonga	194501	2009	-21.133	-175.183	2	3 NIWA		
Niuatobutabu, Tonga	193801	194106	-15.967	-173.783		2 MO Archives		
Topou College, Tonga	18750601	18801130	-21.17	-173.000	30	2 MO Archives - Private weather diary		
Vava'u	18900201	18911231	-18.65	-173.983	9	2 MO Archives		
Vava'u	193801	194106	-18.65	-173.983	9	2 MO Archives		
Vava'u	194901	2009	-18.65	-173.983	9	3 NIWA		
Penrhyn, Cook islands	193702	2009	-9.000	-158.050	1	3		
Rakahanga	195202	2009	-10.05	-161.1	3	3		
Pukapuka	192911	2009	-10.883	-165.817	2	3		
Palmerston island	194206	2009	-18.07	-163.167	2.8	3		
Aitutaki	193109	2009	-18.833	-159.767	4	3		
Rarotonga, Cook Islands	189401	189412	-21.193	-159.783	12	2 Climatological Returns		
Rarotonga Airport, Cook Islands	193408	2009	-21.2	-159.817	6.4	3		
Alofi, Niue	190509	199007	-19.067	-169.917	20.1	3		
Pitcairn Island	194003	2009	-25.07	-130.100	264	3		
Port Patterson	1915	1966	-13.83	167.550	42.7	3		
Iririki, New Hebrides	1905	1966	-17.75	168.320	19.8	3		
Vanikoro	1931	1967	-11.82	166.780	2.4	3		
PAKISTAN								
Gilgit	1893	1899	35.15	74.500		2 Indian Weather Charts	**Gail Willetts**	**ACRE**
POLAND								
Breslau/Wroclaw	187001010600	1870061230	51.12	17.030	121.2	2 French Annales + Bulletin international		
Cracow	187206011200	187211011200	50.083	19.800		2 French Annales + Bulletin international		
PORTUGAL								
Lisbon	18420101	18420912	38.77	-9.13		2 Google Book Search		
Lisbon	18490301	18500131	38.77	-9.13		2 Google Book Search		
Lisbon	18690103	18811230	38.77	-9.13		1 EMULATE		
Lisbon	18631201	19171231	38.77	-9.13	95.4	1 IDL Archives, Portugal		
Lisbon	19180101	19401231	38.77	-9.13	95.4	2 IDL Archives, Portugal		

Lisbon	19410101	20110131	38.77	-9.13	95.4	1 IDL Archives, Portugal		
Mafra	17850101	17861231	38.933	-9.333		2 Google Book Search		
Coimbra	18120101	18170531	40.2	-8.417		2 Google Book Search		
Coimbra	1864	1940	40.2	-8.417	102	2 COIMBRA GEOPHYSICAL INST, IDL Archives, Portugal		
Coimbra	1946	1996	40.2	-8.417	102	2 COIMBRA GEOPHYSICAL INST, IDL Archives, Portugal		
Porto, Escola Médico Cirúrgica	18601201	18980331				1 Porto Geophysical Institute, IDL Archives, Portugal		
Porto Serra do Pilar	1888	1947	41.133	-8.6	100	1 SIGN		
Porto Serra do Pilar	1948	2007	41.133	-8.6	100	1 IDL Archives, Portugal		
Guarda	1864	1871	40.533	-7.233	1039	1 SIGN, monthly		
Guarda	1872120109	1887123109	40.533	-7.233	1039	1 SIGN		
Guarda	1889	1890	40.533	-7.233	1039	1 SIGN		
Guarda	1891	1902	40.533	-7.233	1039	2 SIGN		
Guarda	1888	1905	40.533	-7.233	1039	1 SIGN, monthly		
Guarda	1906	1946	40.533	-7.233	1039	2 IDL Archives, Portugal		
Evora	1873	1887	38.567	-7.9	313	1 SIGN		
Evora	1888	1905	38.567	-7.9	313	1 SIGN, monthly		
Evora	1906	1940	38.567	-7.9	313	2 IDL Archives, Portugal		
Montalegre	1873	1887	41.817	-7.75	970	1 SIGN		
Montalegre	1888	1805	41.817	-7.75	970	1 SIGN, monthly		
Montalegre	1906	1940	41.817	-7.75	970	2 IDL Archives, Portugal		
Moncorvo	1873	1887	42.167	-7.017	415	1 SIGN		
Moncorvo	1877010109	1887123115	42.167	-7.017	415	1 SIGN		
Moncorvo	1888	1905	42.167	-7.017	415	1 SIGN, monthly		
Moncorvo	1906	1940	42.167	-7.017	415	2 IDL Archives, Portugal		
Serra da Estrela	1873	1887	40.417	-7.583	1441	1 SIGN		
Serra da Estrela	1882020109	1887123121	40.417	-7.583	1441	1 SIGN		
Serra da Estrela	1888	1905	40.417	-7.583	1441	1 SIGN, monthly		
Serra da Estrela	1906	1940	40.417	-7.583	1441	2 IDL Archives, Portugal		
Campo Maior	1873	1887	39.033	-6.983	288	1 SIGN		
Campo Maior	1888	1905	39.033	-6.983	288	1 SIGN, monthly		
Campo Maior	1906	1940	39.033	-6.983	288	2 IDL Archives, Portugal		
Vila Fernando	1873	1887	38.967	-7.25	373	1 SIGN		
Vila Fernando	1888	1905	38.967	-7.25	373	1 SIGN, monthly		
Vila Fernando	1906	1940	38.967	-7.25	373	2 IDL Archives, Portugal		
Viseu	1879010109	1887123121	40.65	-7.95	99	1 SIGN		
Beja	1906	1940				2 IDL Archives, Portugal		
Lagos	1873	1887	37.1	-8.633	13	1 SIGN		
Lagos	1906	1940	37.1	-8.633	13	2 IDL Archives, Portugal		
Faro	1906	1940	37.016	-7.95		2 IDL Archives, Portugal		
ROMANIA						3		
Sibiu	1878101040800	188112310800	45.8	24.15		1 EMULATE		
Sulina	18690901080	187012310800	45.15	29.67		3 French Bulletin International		
Sulina	187506	188312	45.15	29.67	2	3 MO Archives Imperial Observatory Constantinople		
Sulina	187601010800	187712	45.15	29.67		2 Austrian YearBooks		
RUSSIA								
Odessa	182911240900	182911272100	46.43	30.767		1		
Archangel	1866	2000	64.55	40.53		1 EMULATE		
Maylye Karmakuly	18820901	18830831	72.38	52.7		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Kara Sea, Varna	18820801	18830825	70	62		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Ssagastyr	18820901	18830831	73.38	134.08		1 First IPY http://www.arctic.noaa.gov/aro/ipy-1/Download.htm		
Astrakhan	1850	2000	46.35	48.03		2		
Kazan	184401010000	184412312200	55.78	49.13		2 Google Book Search - Annuaire magnétique et météorologique du Corps ……		
Kazan	1850	2000	55.78	49.13		2		
Kem	1866	1880	64.95	34.65		2		
Kiev	1850	1990	50.4	30.45		2		
Kostroma	1850	1880	57.73	40.78		2		
Lugansk	1850	1880	48.6	39.3		2		
Moscow	1850	2000	55.76	37.66		2		
Irkutsk	18820801	18830107	52.28	104.27		2 International Met Bulletin First IPY	Gail Willetts	ACRE
Orenburg	1850	1876	51.76	55.1		2		
Nikolayev	1850	1880	46.58	31.95		2		
Sevastopol	1850	1990	44.61	33.55		2		
St Petersburg	1850	2000	59.93	27.96		2		
Tibilisi	184405100000	184412312300	41.68	44.95		2 Google Book Search - Annuaire magnétique et météorologique du Corps ……		
Tibilisi	1850	1990	41.68	44.95		2		
Vladivostok	18830101	18831031	43.117	131.933		2		
Vladivostok	189312311600	19321231	43.117	131.933		1 NOAA Central Library	ALLIE & DAN	ACRE
Nikolaievsk-on-the-Amoor, Siberia	1875	1884	53.13	140.75		2 International Simultaneous	Gail Willetts	ACRE
Nikolaievsk-on-the-Amoor, Siberia	18820701	18830107	53.13	140.75		2		
Behring Island	18821001	18821214	55.02	165.92		2		
Behring Island	18831001	18831231	55.02	165.92		2		
Behring Island	188407	188605	55.02	165.92		2		
SOUTH AMERICA								
Bogota, Columbia	188009	188812	4.58	-74.23		2		
Bogota, Columbia	19230101	19601231	4.58	-74.23		2		
Lima, Peru	1928	1963	-12.08	-77.05		2 NOAA Central Library		
Lambayeque, Peru	1929	1963	-6.77	-80.93		2 NOAA Central Library		
Arica	1912O1	2009	-18.967	-70.333	10	2		
Buenos Aires, Argentina	18010801	18010924	-34.583	-58.483		2 Google Book Search		
Buenos Aires, Argentina	18220201	18230630	-34.583	-58.483		2 Google Book Search		
Buenos Aires, Argentina	18281101	18301231	-34.583	-58.483		2 Google Book Search		
Buenos Aires, Argentina	18530901	18540415	-34.583	-58.483		2 Google Book Search		
Buenos Aires, Argentina	18530901	18540331	-34.583	-58.483		1		
Buenos Aires, Argentina	18550501	18560121	-34.583	-58.483		1		
Buenos Aires, Argentina	18680612	18771231	-34.583	-58.483		1 KNMI		
Burnside, Coronie	18890101	18981231	5.9	-56.08		1 KNMI		
Burnside, Coronie	189901060700	190006302100	5.9	-56.08	5	2 French Annales		
Cayenne, French Guyana	187007020600	187010070600	4.93	-52.35		2 French Annales + Bulletin international		
Cayenne, French Guyana	189307010830	1895	4.93	-52.35	6	2 French Annales		
Cayenne, French Guyana	190101010900	190512311500	4.93	-52.35	6	2 French Annales		
Demerara, George Town, British Guiana	18460101	18491231	6.82	-58.17		3 UK Climatological Returns		
Georgetown Botanic Gardens, British Guiana	188701010900	190312311700	6.82	-58.17		3 UK Climatological Returns		
El Peru, Venezuela	19101201	19480530	7.3	-61.817	308	3		
San Salvador, El Salvador	19380101	19511231	13.7	-80.213		3 UK Met Office Library		
Corrientes, Argentina	18541113	18541224	-27.45	-58.767		1		
Rio de Janeiro, Brasil	17850201	17880531	-22.817	-43.25		2 Google Book Search		
Campinas, Brasil	189010707O0	18911231	-22.9	-47.07	663	3		
Fray Bentos, Uruguay	189102010700	189204	-33.1	-58.25	16	3 German Colonial Records		
Mananham, Brazil	18220824	18220904	-5	-45		2		
Bahia/Salvabor, Brazil	18220724	18220802	-12.98	-38.52		2		
Sao Paulo, Brazil	187902010900	188312312100	-23.53	-46.6		3 UK Climatological Returns		
Pará, Brazil	189701010700	189712310210O				2 Austrian Year Books		
Antofagasta, Chile	191201	2009	-23.65	-70.417	5	2		
Santiago, Chile	18490702	18500301	-33.45	-70.68		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Observatory, Santiago, Chile	18491210	18500131	-33.45	-70.68		1 US Naval Astronomical Expedition		
Observatory, Santiago, Chile	18501019	18501203	-33.45	-70.68		1 US Naval Astronomical Expedition		
Observatory, Santiago, Chile	18510106	18510210	-33.45	-70.68		1 US Naval Astronomical Expedition		
Observatory, Santiago, Chile	18511216	18520315	-33.45	-70.68		1 US Naval Astronomical Expedition		
Observatory, Santiago, Chile	18520530	18520908	-33.45	-70.68		1 US Naval Astronomical Expedition		
Santiago, Chile	186006010200	18751231	-33.45	-70.68		2 Anales de la Universidad de Chile - Google Book Search & Departamento de Geofísica, Universidad de Chile		
Santiago, Chile	188601010730	2009	-33.45	-70.68	520	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valparaiso, Chile	185305010900	185801311500	-33.02	-71.67		3 UK Climatological Returns		
Valparaiso, Chile	186901010200	186912312100	-33.03	-71.64		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valparaiso, Chile	187101010230	18751231	-33.03	-71.64		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valparaiso, Chile	188601010730	2009	-33.03	-71.64	40.5	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Punta Arenas, Chile	185106010800	185606301600	-53.167	-70.9	4	2 JESUIT - EBRO LIBRARY, 3 sub-daily obs.		
Punta Arenas, Chile	185810010800	186309301600	-53.167	-70.9	4	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Punta Arenas, Chile	1888	1940	-53.167	-70.9	4	3 Anales de la Universidad de Chile - Google Book Search		
Punta Arenas, Chile	187101010230	18751231	-53.167	-70.9	4	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
San Fernando, Chile	191101	194012	-34.583	-71.07	335	2		
Copiapo, Chile	18591005080S	185910180900	-27.38	-70.12		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Copiapo, Chile	186801010250	186912312100	-27.38	-70.12		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Copiapo, Chile	187101010230	18751231	-27.38	-70.12	395	2		
Copiapo, Chile	188601010730	2009	-27.38	-70.12	395	2		
La Serena, Chile	184905010900	185511302200	-29.9	-71.36		2 Anales de la Universidad de Chile - Google Book Search		
La Serena, Chile	186904010250	186912312100	-29.9	-71.36		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
La Serena, Chile	187101010230	18751231	-29.9	-71.36	87	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
La Serena, Chile	188601010730	2009	-29.9	-71.36	87	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Isla de Pascua, Easter Island, Chile	191201	2009	-27.167	-109.433	30	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Juan Fernandez. Chile	191101	2009	-33.617	-78.867	6	3		
Talca, Chile	186901010300	186912312100	-32.43	-71.78		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Talca, Chile	187102032100	18751231	-32.43	-71.78	78	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Talca, Chile	188601019730	2009	-32.43	-71.78	78	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valdivia, Chile	186906010250	186912312100	-39.8	-73.25	15	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valdivia, Chile	187101010230	18751231	-39.8	-73.25	15	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Valdivia, Chile	191201	2009	-39.8	-73.25	15	3		
Caldera, Chile	187101010230	18751231	-27.06	-70.88	13.5	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Caldera, Chile	188601010730	2009	-27.06	-70.88	13.5	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Coquimbo, Chile	187101010230	18751231	-29.94	-71.36	22.5	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Coquimbo, Chile	188601010730	2009	-29.94	-71.36	22.5	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Constitucion, Chile	187101010230	18751231	-35.333	-72.433	7	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Corral, Chile	187101010230	18751231	-39.867	-73.433		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Ancud, Chile	187101010230	18751231	-41.87	-73.82		2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Puerto Montt, Chile	185901010900	185906302200	-41.467	-72.917	6	2 Anales de la Universidad de Chile - Google Book Search		
Puerto Montt, Chile	187101010230	18751231	-41.467	-72.917	6	2 Departamento de Geofísica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Puerto Montt, Chile	191103	2009	-41.467	-72.917	6	3		

Iquique, Chile	188601010730	2009	-20.2	-70.19	9	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Punta Carranza, Chile	191102	194012	-35.6	-72.633	30	2		
Punta Tumbes, Chile	191104	194012	-36.6	-73.1	90	2		
Contulmo, Chile	191101	194012	-38.033	-73.2	50	2		
Isla Mocha, Chile	191102	194012	-38.35	-73.967	20	2		
Huafo, Chile	190801	2009	-43.55	-74.75	142	3		
Isolote Evangelistas, Chile	18990101	19501231	-52.4	-75.1	55	2		
San Isidro, Chile	191202	19401231	-53.783	-70.967	20	2		
Punta Dungenes, Chile	191103	19401231	-52.4	-68.417	5	2		
Cape Horn, Chile	18821001	18830831	-53.52	-70.42		2 MO Archives + NOAA Central Library scans		
Santa Maria, Chile	188601010730	2009	-20.21	-70.17	10	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
San Felipe, Chile	188601011330	2009	-32.79	-70.76	657	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Los Andes, Chile	188601010930	2009	-32.88	-70.61	818	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Curico, Chile	188601010730	2009	-34.97	-71.32	284	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Chillan, Chile	188601010730	2009	-36.61	-72.2	214	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Isla Quiriquina, Chile	188601010730	2009	-36.61	-73.06	57.7	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Concepcion, Chile	188601010730	2009	-36.83	-73.18	12	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Pucon, Chile	188601011430	2009	-39.29	-72.04	60	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
La Punta Niebla, Chile	188601010730	2009	-39.89	-73.42	30	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Punta Galera, Chile	188601010730	2009	-40.03	-73.74	39.7	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Punta Corona, Chile	188601010730	2009	-41.78	-73.88	52.8	2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
Temuco	191201	2009	-38.75	-72.583	114	3		
Puerto Dominguez	192301	194012	-38.9	-73.233	5	3		
Traiguen, Chile	191301	194012	-38.25	-72.667	170	3		
Melinka, Islas Guaitecas	186510050600	186703051800	-43.9	-73.913		2 Departamento de Geofisica, Universidad de Chile - (http://www.dgf.uchile.cl/biblio/anuarios/anuarios.html)		
SOUTH ATLANTIC								
Saint Helena	18400101	18480930	-15.78	-5.67		3 Private Diary		
Saint Helena	1840	1847	-15.78	-5.67		3 Magnetic & Meteorological Observatory		
Saint Helena	18440701	18470731	-15.78	-5.67		2		
Saint Helena	185309010900	186204311500	-15.92	-5.70		3 UK Royal Engineers		
Saint Helena	189202010900	193012310900	-15.95	-5.67		1		
Ascension Island	18220630	18220708	-7.92	-14.40		2		
Ascension Island	1853111	18651031	-7.92	-14.40		3 UK Climatological Returns		
Ascension Island	19170401	20010930	-7.92	-14.40		3 UK Climatological Returns		
Cumberland Bay, South Georgia	19060101	19460430	-54.23	-36.05		3 UK Climatological Returns		
SPAIN								
La Coruna	1866	2002	43.4	-8.40		1 Manola Brunet		
La Coruña	18651227	20021231	43.4	-8.40		1 EMULATE daily and sudaily: from 1 to 4 values		
Zaragoza	17980101	18373112	41.7	-1.00		3 MEDARE, 3 subdaily obs.		
Barcelona	178001011200	200012311200	41.4	2.2		3 EIP Research		
Barcelona	18500101	20021231	41.4	2.2		1 EMULATE daily and sudaily: from 1 to 4 values		
Cadiz	178601011200	200012311200	36.5	-6.30		3 EIP Research		
Cadiz	17861104	20021231	36.5	-6.30		1 EMULATE daily and sudaily: from 1 to 4 values		
Madrid	17840201	17870101	40.4	-3.70		2 Google Book Search		
Madrid	178601011200	183812311200	40.4	-3.70		3 EIP Research		
Madrid	18531201	20021231	40.4	-3.70		1 EMULATE daily and sudaily: from 1 to 4 values		
Madrid	17370301	17431231	40.4	-3.70		3 Salvá-Sinobas		
Madrid	17860902	20081231	40.4	-3.70		1 Salvá-Sinobas		
Valencia	1795	1893	39.5	-0.40		2 Salva-sinobas Project. In progress		
SRI LANKA								
Colombo	18470401	18470430	6.97	79.97		2 Transactions of the Bombay Geographical Society		
Colombo	185204010900	187507311500	6.97	79.97		3 UK Climatological Returns		
Colombo	186907	2009	6.9	79.88		3		
Kandy	186601010900	187597311500	7.3	80.80		3 UK Climatological Returns		
Newrra Eliya	186601010900	187207311500	6.7	80.80		3 UK Climatological Returns		
Newrra Eliya	186910	1920	6.98	80.77		3		
Trincomalee	18470401	18470430	8.53	81.18		2 Transactions of the Bombay Geographical Society		
Trincomalee	18540101	18750731	8.53	81.18		3 UK Climatological Returns		
Trincomalee	186906	2009	8.57	81.23		3		
SWEDEN								
Stockholm	175601011200	199812311200	59.33	18.05		3 EIP Research		
Gothenburg	1860	2002	55.7	11.98		2		
Harnosand	1860	1995	62.61	17.93		2		
Lund	1864	2001	55.7	13.20		2		
Visby	1860	2002	57.63	18.28		2		
Haparanda	1860	2002	65.82	24.13		2		
Uppsala	172201011200	199812311200	59.86	17.63		3 EIP Research		
SWITZERLAND								
Basel	175501011200	186012311200	47.57	7.53	278	3 EIP Research		
THAILAND								
Bangkok	185801010900	186812312100	13.75	100.00		3 UK Climatological Returns		
TAIWAN								
Hengchun	1897	1944	22	120.75	23.6	3 3-6 times daily. Held in JMA		
Taitung	1901	1944	22.75	121.15	9.5	3 3-6 times daily. Held in JMA		
Tainan	1897	1944	23	120.22	14.3	3 3-6 times daily. Held in JMA		
Pescadores (Hoko)	1897	1944	23.53	119.55	11	3 3-6 times daily. Held in JMA		
Taichung	1897	1944	24.15	120.68	78.4	3 3-6 times daily. Held in JMA		
Taipeh	1897	1943	25.03	121.52	9.3	3 3 times daily to hourly. Held in JMA		
TURKEY								
Bayukdere	179906250900	179910281700	36.517	36.083		1 Google Book Search - William Whitman		
Bebek	18480101	18531231	41.067	29.033		1 Google Book Search		
Chennecally	179911040800	179911301700	40.195	26.405		1 Google Book Search - William Whitman		
Constantinople	18391121	18410714	41.022	28.981		1 Google Book Search		
Constantinople	18470101	18470104	41.022	28.981		1 La Météorologie		
Constantinople	18541201	18560331	41.022	28.981		1 Google Book Search		
Constantinople	18581201	18670131	41.022	28.981		1 GAZETTE MEDICALE D'ORIENT		
Constantinople	1868	1909	41.022	28.981		1 GAZETTE MEDICALE D'ORIENT + Bulletin International + Italian DWR + Imperial Observatory	**Willetts/Mock/Juterbacher/Sensoy**	**ACRE + Various**
Constantinople	1868	1914	41.022	28.981		1 EMULATE data?		
Constantinople	1875	1884	41.03	28.98		2 International Simultaneous	**Gail Willetts**	**ACRE**
Constantinople	1915	1918	41.022	28.981		1 EMULATE data? German records - DWD???		
Istanbul	1929	2010	40.967	29.083		1 Turkish Meteorological Service		
Diyarbekir	186909010800	187605310800	37.919	40.211		1 EMULATE + Bulletin International		
Galata	179912010800	180004301700	38.3	32.217		1 Google Book Search - William Whitman		
Gallipoli	18540701	18541031	40.467	26.717		1 Google Book Search		
Kaisaria	1849100110	184911271000	38.69	35.36		1 La Météorologie		
Kourou-Tchezme	18561101	18581231	41.022	28.981		1 GAZETTE MEDICALE D'ORIENT + Google Book Search		
Kourou-Tchezme	18591101	18591231	41.022	28.981		1 GAZETTE MEDICALE D'ORIENT		
Kourou-Tchezme	18600101	18600831	41.022	28.981		1 GAZETTE MEDICALE D'ORIENT		
Pera	18470101	18471231	41.037	28.975	68	1 La Météorologie		
Scutari	18660101	18861231	41	29.5		2 EMULATE 1866-1880 24 hour pressure only, all in UK Climatological Returns		
Scutari	1875	1884	41.00	29.05		2 International Simultaneous	**Gail Willetts**	**ACRE**
Smyrne	186909010800	187109280800	38.43	27.13		1 French Annales + Bulletin international		
Smyrne	18900101	18991231	38.43	27.13		2 French Annales		
Smyrne	190504010700	1913122030	38.43	27.13	2	2 French Annales		
Smyrne	190801010800	19340131	38.43	27.15		1 NOAA Central Library - MISSING 1915-1923		
Izmir	19350101	1971	38.45	27.25		2 NOAA Central Library		
Ankara	192511120700	1971	39.967	32.8		2 NOAA Central Library		
Trebisonde, Cape Joros	18311107	183112071600	41.02	39.75		1 Google Book Search		
Trebisonde	18480315	18480731	41.02	39.75		1 La Météorologie		
Trebisonde	188301010920	188907312120	41.02	39.75	28	2 French Annales + Jesuit records - Ebro University		
Samsoun	188301010236	188912311436	41.3	36.32	8	2 French Annales		
UNITED KINGDOM								
Aberdeen	18610101	1995	57.16	-2.1		1 EMULATE		
Armagh	179501011200	2001	54.35	-6.65		1 EIP Research		
Edinburgh	178501011200	188012311200	55.925	-3.183		1 EIP Research		
Exeter	181302240800	191808311500	50.737	-3.533		1 Hadley Centre Met Office + Devon and Exeter Institution Library		
Exeter	191901	1975	50.737	-3.533		3 Devon and Exeter Institution Library		
Belfast, Northern Island	18250101	18250530	54.6	-5.883		1 Google Book Search		
Greencastle, Northern Ireland	18630601	18751231	55.2	-6.983		1 UK DWRs		
Jersey, St. Helier	186401010900	187512310900	49.18	-2.17		1 Jersey Meteorological Service		
Jersey, St. Helier	187110101800	187501311400	49.18	-2.17		1 Jersey Meteorological Service		
Jersey, St. Aubin	187601010900	188601312100	49.1833	-2.1572		1 Jersey Meteorological Service		
Jersey, Noirmont	188601010800	188705311800	49.18	-2.17	230	1 Jersey Meteorological Service		
Jersey, St. Aubin	188706010800	189312311800	49.18	-2.17	29	1 Jersey Meteorological Service		
Jersey, St. Louis	189401010400	191312312200	49.18	-2.1	57.2	1 Jersey Meteorological Service		
London	16920101	20071231	51.46	0		1 Richard Cornes CRU UEA		
London	18600903	188112311400	51.46	0		1 EMULATE		
Plymouth	18610101	18811231	50.35	-4.15		1 EMULATE		
Stornaway	187212010900	188112310900	58.22	-6.32	21	1 EMULATE		
Durham	1850	1881	54.76	-1.58		2 Durham University		
Liverpool	17680101	17930811	53.42	-2.98	40.7	1 Proudman Oceanographic Laboratory, Liverpool		
Wick	18230101	18231231	58.45	-3.083		1 Google Book Search		
UNITED STATES								
CA_Benicia_Barracks	180506	186512	38.0733	-122.1767	164'	1 NOAA CDMP		
MA_Williamstown	181608	189210	42.6656	-72.99	710'	1 NOAA CDMP		
MD_Baltimore	181801	189212	39.2917	-76.64542	999999	1 NOAA CDMP		
DC_Washington	182101	189212	38.9072	-77.05222	60'	1 NOAA CDMP		
NY_Flatbush	182608	187311	40.647	-73.954	48'	1 NOAA CDMP		
WI_Green_Bay	182701	189212	44.519	-88.02	589'	1 NOAA CDMP		
KY_Lexington	182801	189212	38.0438	-84.50189	999999	1 NOAA CDMP		
NY_Rochester	183101	189212	43.1314	-77.62583	522'	1 NOAA CDMP		
RI_Providence_NOAALibrary	183112	186005	41.8261	-71.43258	999999	1 NOAA CDMP		
VT_Burlington	183201	188306	44.3808	-73.3275	200'	1 NOAA CDMP		
OH_Steubenville	183208	187109	40.3706	-80.64426	999999	1 NOAA CDMP		
MA_Princeton	183209	188612	42.4667	-71.88333	1113'	1 NOAA CDMP		
MA_Fort_Independence	183403	183506	42.3401	-71.02147	999999	1 NOAA CDMP		

NY_New_York_City	183610	189212	40.7335	-73.98451	999999	1 NOAA CDMP
NH_Portsmouth	183901	186709	43.0739	-70.7607	999999	1 NOAA CDMP
SC_Fort_Moultrie	184102	186012	32.7578	-79.84329	999999	1 NOAA CDMP
CT_Fort_Trumbull	184110	184112	41.3437	-72.09341 32'		1 NOAA CDMP
NY_Fort_Columbus	184205	188807	40.6913	-74.01599 22'		1 NOAA CDMP
NY_West_Point	184208	188808	41.3961	-73.9596	999999	1 NOAA CDMP
VA_Fort_Monroe	184302	188807	37.0058	-76.3082	999999	1 NOAA CDMP
FL_St_Augustine	184303	188607	29.8655	-81.42487	999999	1 NOAA CDMP
ME_Fort_Preble	184303	187205	43.6495	-70.22654 30'		1 NOAA CDMP
KY_Louisville	184304	189212	38.2264	-85.57478	999999	1 NOAA CDMP
ME_Gardiner	184304	188912	44.198	-69.80305	999999	1 NOAA CDMP
OH_Cincinnati	184304	189212	39.1006	-84.51551	999999	1 NOAA CDMP
OH_Columbus	184304	189212	39.95	-83.00889	999999	1 NOAA CDMP
PA_Philadelphia	184304	189212	39.967	-75.2185	999999	1 NOAA CDMP
PA_West_Chester	184304	188312	39.9586	-76.60611 455'		1 NOAA CDMP
FL_Fort_Brooke	184305	188211	27.942	-82.45643	999999	1 NOAA CDMP
LA_Fort_Jessup	184305	184512	31.6125	-93.40239	999999	1 NOAA CDMP
OK_Fort_Gibson	184305	188205	35.8059	-95.25616	999999	1 NOAA CDMP
PA_Carlisle	184305	187808	40.21	-77.17278 456'		1 NOAA CDMP
FL_Key_West	184306	188804	24.5526	-81.79996	999999	1 NOAA CDMP
MI_Detroit	184306	189212	42.3946	-82.93023	999999	1 NOAA CDMP
ME_Houlton	184307	184508	46.1256	-67.83972 359'		1 NOAA CDMP
MI_Fort_Brady	184307	187705	46.5009	-84.35785	999999	1 NOAA CDMP
PA_Germantown	184307	187108	40.0436	-75.18195	999999	1 NOAA CDMP
LA_New_Orleans	184403	189301	29.9602	-90.04136	999999	1 NOAA CDMP
MO_Jefferson_Barracks	184403	188407	38.5141	-90.27262	999999	1 NOAA CDMP
RI_Fort_Adams	184403	187902	41.4697	-71.34745	999999	1 NOAA CDMP
MN_Fort_Snelling	184404	188808	41.8925	-93.18139 804'		1 NOAA CDMP
KS_Fort_Leavenworth	184405	186407	39.3481	-94.9228	999999	1 NOAA CDMP
MA_New_Bedford	184408	189212	41.6657	-70.95042	999999	1 NOAA CDMP
GA_Athens	184501	189212	33.9639	-83.40194 769'		1 NOAA CDMP
MO_St_Louis	184501	189212	38.6085	-90.02503	999999	1 NOAA CDMP
SC_Charleston	184501	189212	32.7764	-79.92722 11'		1 NOAA CDMP
NY_Buffalo	184507	189212	42.8866	-78.87762	999999	1 NOAA CDMP
TX_Corpus_Christi	184601	189212	27.796	-97.404 6'		1 NOAA CDMP
CA_Monterey	184705	188710	36.6028	-121.8226 115'		1 NOAA CDMP
OK_Fort_Washita	184705	189707	34.1022	-96.54709	999999	1 NOAA CDMP
IN_Fort_Wayne	184805	188704	41.0693	-85.08376	999999	1 NOAA CDMP
AL_Montgomery	184903	187210	32.3753	-86.38847	999999	1 NOAA CDMP
CT_New_London	184903	189212	41.3567	-72.105 12'		1 NOAA CDMP
NJ_Burlington	184903	185802	40.0779	-74.85168	999999	1 NOAA CDMP
PA_Morrisville	184903	188710	40.211	-74.776 39'		1 NOAA CDMP
TN_Nashville	184903	189212	36.1629	-86.83111	999999	1 NOAA CDMP
WI_Milwaukee	184903	189212	43.0493	-87.94114	999999	1 NOAA CDMP
CT_Middletown	184904	193212	41.5494	-72.7225 363'		1 NOAA CDMP
CT_New_Haven	184904	189212	41.32	-72.94 47'		1 NOAA CDMP
MS_Natchez	184904	187005	31.5543	-91.38499	999999	1 NOAA CDMP
PA_Pittsburgh	184904	189212	40.4395	-80.00181	999999	1 NOAA CDMP
MA_Amherst	184905	189212	42.3588	-72.50527	999999	1 NOAA CDMP
NC_Chapel_Hill	184905	189105	35.905	-79.05028 500'		1 NOAA CDMP
NH_Concord	184905	188708	43.208	-71.538 383'		1 NOAA CDMP
NY_Oswego	184905	189212	43.455	-76.51111 290'		1 NOAA CDMP
SC_Camden	184905	185712	34.2686	-80.60917 256'		1 NOAA CDMP
NJ_Moorestown	184906	186105	39.9656	-74.94194 87'		1 NOAA CDMP
ME_Eastport	184907	189212	44.906	-66.99	999999	1 NOAA CDMP
FL_Pensacola	184908	189212	30.3635	-87.26667	999999	1 NOAA CDMP
MS_Jackson	184908	187612	32.298	-90.181	999999	1 NOAA CDMP
TN_Memphis	184908	189212	35.1331	-90.04986	999999	1 NOAA CDMP
WY_Fort_Laramie	184909	185912	42.203	-104.5577	999999	1 NOAA CDMP
MI_Grand_Rapids	184912	189210	42.963	-85.668	999999	1 NOAA CDMP
IA_Dubuque	185101	189212	42.4978	-90.7792	999999	1 NOAA CDMP
IN_New_Harmony	185101	188303	38.1315	-87.88306	999999	1 NOAA CDMP
ME_Portland	185101	189212	43.6578	-70.25444 69'		1 NOAA CDMP
PA_Harrisburg	185101	189212	40.274	-76.885 318'		1 NOAA CDMP
VA_Richmond	185101	185210	37.51	-77.31	999999	1 NOAA CDMP
TN_Clarksville	185103	185602	36.5319	-87.35444 503'		1 NOAA CDMP
GA_Savannah	185107	189212	32.0797	-81.10972	999999	1 NOAA CDMP
MA_Worcester	185110	188406	42.2488	-71.79952	999999	1 NOAA CDMP
TN_Knoxville	185202	189212	35.9591	-83.9209	999999	1 NOAA CDMP
OH_Cleveland	185205	189212	41.4995	-81.69421	999999	1 NOAA CDMP
CA_Presidio_San_Francisco	185207	186812	37.7997	-122.4636 234'		1 NOAA CDMP
MA_Nantucket	185207	189212	41.2839	-70.09722 14'		1 NOAA CDMP
MI_Fort_Mackinac	185212	185409	45.852	-84.61733	999999	1 NOAA CDMP
TX_Galveston	185212	189212	29.2918	-94.82986	999999	1 NOAA CDMP
OH_College_Hill	185306	189007	39.1989	-84.5511	999999	1 NOAA CDMP
TX_Brownsville	185307	189203	25.901	-97.497 34'		1 NOAA CDMP
FL_Jacksonville	185308	189212	30.278	-81.82097	999999	1 NOAA CDMP
WI_Madison	185308	189010	43.0818	-89.36633	999999	1 NOAA CDMP
CA_San_Diego	185310	189212	32.7068	-117.1985 49'		1 NOAA CDMP
AZ_Yuma	185312	189212	32.68	-114.62 152'		1 NOAA CDMP
AL_Auburn	185501	188402	32.8267	-85.5185 694'		1 NOAA CDMP
CA_Sacramento	185601	189212	38.5378	-121.5039 25'		1 NOAA CDMP
CA_San_Francisco	185601	198712	37.7997	-122.4366	999999	1 NOAA CDMP
NC_Goldsboro	185601	185812	35.3629	-77.91132	999999	1 NOAA CDMP
MS_Columbus	185603	187205	33.4982	-88.46539	999999	1 NOAA CDMP
SD_Pierre	185607	189212	44.368	-100.351 1425'		1 NOAA CDMP
SC_Columbia	185609	188207	33.9911	-81.06329	999999	1 NOAA CDMP
IL_Chicago	185612	189212	41.878	-87.65628	999999	1 NOAA CDMP
KS_Fort_Riley	185612	186308	39.1085	-96.81012	999999	1 NOAA CDMP
IL_Champaign	185704	188303	40.1145	-88.22705 740'		1 NOAA CDMP
SD_Fort_Randall	185706	187205	43.0244	-98.6242	999999	1 NOAA CDMP
KS_Lawrence	185707	188207	38.9714	-95.23611 855'		1 NOAA CDMP
MO_Springfield	185707	189212	37.2407	-93.2737	999999	1 NOAA CDMP
NC_Asheville	185707	189207	35.5815	-82.55486	999999	1 NOAA CDMP
MI_Marquette	185709	189212	46.5436	-87.39528 686'		1 NOAA CDMP
KS_Leavenworth	185711	189212	39.323	-94.9193	999999	1 NOAA CDMP
OH_Westerville	185801	189212	40.1253	-82.93611 946'		1 NOAA CDMP
RI_Providence	185807	186704	41.8261	-71.43258	999999	1 NOAA CDMP
GA_Augusta	185809	189212	33.4667	-81.974	999999	1 NOAA CDMP
WY_Fort_Bridger	185810	188809	41.3179	-110.392	999999	1 NOAA CDMP
MI_Lansing	185811	189212	42.7262	-84.53088	999999	1 NOAA CDMP
GA_Atlanta	185901	189212	33.7502	-84.44016	999999	1 NOAA CDMP
TX_Austin	185902	189104	30.2939	-97.72785	999999	1 NOAA CDMP
VT_Lunenburgh	185902	189203	44.4667	-71.7 986'		1 NOAA CDMP
NH_Mount_Washington	185906	189209	44.27	-71.303 6288'		1 NOAA CDMP
NY_Fort_Niagara	185906	185909	43.2627	-79.06318	999999	1 NOAA CDMP
WA_Fort_Walla_Walla	185907	188808	46.0469	-118.3645	999999	1 NOAA CDMP
MI_Grand_Haven	185908	189212	43.0631	-86.20917	999999	1 NOAA CDMP
MN_Fort_Ridgely	185910	186704	44.4531	-94.73444 1230'		1 NOAA CDMP
Superior, Wisconsin	18600101	18601231	46.721	-92.104		2 Google Book Search
Ontonagon, Michigan	18600101	18601231	46.817	-89.277		2 Google Book Search
Thunder Bay, Michigan	18600101	18601231	45.038	-83.157 614'		2 Google Book Search
Ottawa Point, Michigan	18600101	18601231	44.258	-83.409 587'		2 Google Book Search
Monroe, Michigan	18600101	18601231	41.894	-83.324 567'		2 Google Book Search
Charlotte, New York	18600101	18601231	43.209	-77.85 262.5'		2 Google Book Search
Sackett's Harbour, New York	18600101	18601231	43.917	-75.95 265.6'		2 Google Book Search
OH_Toledo	186002	189212	41.6646	-83.5148	999999	1 NOAA CDMP
MN_Duluth	186009	198701	46.794	-92.094	999999	1 NOAA CDMP
IL_Peoria	186011	189212	40.6908	-89.58861 468'		1 NOAA CDMP
IA_Davenport	186101	189212	41.5147	-90.65366	999999	1 NOAA CDMP
OH_Mount_Auburn	186101	188105	39.1163	-84.50476	999999	1 NOAA CDMP
KY_Newport_Barracks	186105	186109	39.0922	-84.50154	999999	1 NOAA CDMP
TX_Houston	186209	186809	29.7894	-95.27272	999999	1 NOAA CDMP
UT_Fort_Douglas	186304	186405	40.7653	-111.8332 4903'		1 NOAA CDMP
ME_Cornish	186308	189212	43.805	-70.80136	999999	1 NOAA CDMP
CA_Santa_Barbara	186405	188805	34.5164	-119.6917 59'		1 NOAA CDMP
CO_Fort_Garland	186407	188310	37.424	-105.4324 7915'		1 NOAA CDMP
DE_Fort_Delaware	186411	186508	39.5894	-75.56726 0'		1 NOAA CDMP
MN_Minneapolis	186501	189212	44.9766	-93.26504	999999	1 NOAA CDMP
NY_Albany	186508	189212	42.6505	-73.75713	999999	1 NOAA CDMP
NJ_Trenton	186509	188102	40.217	-74.743 39'		1 NOAA CDMP
VA_Wytheville	186511	188909	36.9233	-81.06955	999999	1 NOAA CDMP
AZ_Fort_Mojave	186602	186609	34.1706	-114.2542 419'		1 NOAA CDMP
AZ_Prescott	186602	189010	34.54	-112.468 5303'		1 NOAA CDMP
IL_Rock_Island	186602	188007	41.5228	-90.54944 560'		1 NOAA CDMP
VA_Norfolk	186603	188607	36.8428	-76.29194	999999	1 NOAA CDMP
NJ_Readington	186611	187109	40.5686	-74.738	999999	1 NOAA CDMP
MN_St_Paul	186612	189212	44.9424	-93.08692	999999	1 NOAA CDMP
SC_Aiken	186701	189212	33.5523	-81.58639	999999	1 NOAA CDMP
IA_Independence	186705	189212	42.4569	-91.92556 967'		1 NOAA CDMP
IN_Indianapolis	186709	189212	39.8181	-86.06977	999999	1 NOAA CDMP
KS_Fort_Hayes	186801	187905	38.8621	-99.34273	999999	1 NOAA CDMP
SD_Fort_Sully	186812	189106	44.4391	-100.413	999999	1 NOAA CDMP
VA_Birdsnest	186901	189212	37.4383	-75.88278 33'		1 NOAA CDMP
IN_Lafayette	186902	189212	40.417	-86.875 620'		1 NOAA CDMP
IN_Vevay	186902	189212	38.7477	-85.07244	999999	1 NOAA CDMP

KS_Manhatten	186902	189212	39.2363	-96.69155	999999		1 NOAA CDMP
ID_Fort_Lapwai	186906	188405	46.3917	-116.8025	999999		1 NOAA CDMP
ND_Fort_Totten	186908	188901	47.9776	-98.99313	999999		1 NOAA CDMP
ME_Orono	187001	189112	44.8981	-68.66539	999999		1 NOAA CDMP
MO_Kansas_City	187002	189212	39.0901	-94.58361	999999		1 NOAA CDMP
NY_Brooklyn	187006	189006	40.6711	-73.96361 157'			1 NOAA CDMP
OR_Astoria	187007	188809	46.1905	-123.8329	999999		1 NOAA CDMP
LA_Shreveport	187103	189212	32.5042	-93.81472	999999		1 NOAA CDMP
TX_San_Antonio	187104	189212	29.4758	-98.52486	999999		1 NOAA CDMP
MD_Cumberland	187108	188008	39.6494	-78.7633	999999		1 NOAA CDMP
VA_Lynchburg	187110	189212	37.3944	-79.16306	999999		1 NOAA CDMP
AL_Mobile	187111	189212	30.2278	-88.02417 6'			1 NOAA CDMP
CO_Denver	187111	189212	39.7831	-105.0415 5219'			1 NOAA CDMP
FL_Punta_Rassa	187111	188306	26.49	-82.01	999999		1 NOAA CDMP
MA_Boston	187111	189212	42.3728	-71.04715	999999		1 NOAA CDMP
MI_Escanaba	187111	188803	45.7453	-87.07121 593'			1 NOAA CDMP
MS_Vicksburg	187111	189212	32.3118	-90.88625	999999		1 NOAA CDMP
NC_Wilmington	187111	189212	34.2336	-77.94462	999999		1 NOAA CDMP
NE_Omaha	187111	189212	41.2846	-95.93985	999999		1 NOAA CDMP
WY_Cheyenne	187111	189212	41.133	-104.814	999999		1 NOAA CDMP
ND_Fort_Buford	187201	189212	47.9853	-103.9886	999999		1 NOAA CDMP
NM_Santa_Fe	187201	189212	35.0706	-105.9394 6986'			1 NOAA CDMP
IL_Cairo	187202	189212	37.005	-89.176	999999		1 NOAA CDMP
CT_Southington	187204	187208	41.5964	-72.87778 180'			1 NOAA CDMP
TX_Indianola	187205	188607	28.5119	-96.4875	999999		1 NOAA CDMP
WV_Morgantown	187205	189208	39.6333	-79.96667 963'			1 NOAA CDMP
ND_Fargo	187207	189212	46.8942	-96.78944 906'			1 NOAA CDMP
TX_Fort_Concho	187208	188509	31.4661	-100.4383 1857'			1 NOAA CDMP
MI_Alpena	187209	189212	45.0831	-83.46667	999999		1 NOAA CDMP
MN_Fort_Ripley	187209	187707	46.1753	-94.37389 1161'			1 NOAA CDMP
WI_Lacrosse	187210	189212	34.801	-91.239	999999		1 NOAA CDMP
IL_Rockford	187301	189212	42.271	-89.094 736'			1 NOAA CDMP
NE_De_Soto	187301	189112	41.4983	-96.06472 1100'			1 NOAA CDMP
SD_Yankton	187304	189212	42.87	-97.39222 1232'			1 NOAA CDMP
PA_Erie	187306	189212	42.1098	-80.08772	999999		1 NOAA CDMP
OK_Fort_Sill	187308	189110	34.6658	-98.38139 1124'			1 NOAA CDMP
CO_Colorado_Springs	187311	188704	38.8384	-104.6159 6056'			1 NOAA CDMP
CO_Pikes_Peak	187311	189212	38.8406	-105.0442 14110'			1 NOAA CDMP
NJ_Atlantic_City	187312	189212	39.364	-74.423 9'			1 NOAA CDMP
CO_Pueblo	187401	189212	38.2725	-104.6089 4660'			1 NOAA CDMP
NJ_Sandy_Hook	187401	188611	40.45	-74 10'			1 NOAA CDMP
CA_Santa_Cruz	187402	189112	37	-122 89'			1 NOAA CDMP
RI_Newport	187403	188303	41.4701	-71.33819	999999		1 NOAA CDMP
ND_Bismarck	187404	189212	46.806	-100.779	999999		1 NOAA CDMP
KS_Dodge_City	187409	189212	37.753	-100.019	999999		1 NOAA CDMP
NC_Hatteras	187409	189212	35.219	-75.69 5'			1 NOAA CDMP
NE_North_Platte	187409	189212	41.136	-100.763	999999		1 NOAA CDMP
MA_Springfield	187411	188212	42.1028	-72.58667	999999		1 NOAA CDMP
NV_Carson_City	187501	189212	39.165	-119.7642	999999		1 NOAA CDMP
MD_Fallston	187503	188203	39.5167	-76.41667 450'			1 NOAA CDMP
IL_Decatur	187504	188011	39.84	-88.93 679'			1 NOAA CDMP
TN_Chattanooga	187509	189212	35.046	-85.31 721'			1 NOAA CDMP
NC_Southport	187510	189212	33.9249	-78.02086 13'			1 NOAA CDMP
AZ_Tucson	187511	189212	32.2331	-110.8831 2376'			1 NOAA CDMP
CA_Oakland	187602	189211	37.8034	-122.2693 31'			1 NOAA CDMP
KS_Topeka	187602	189211	39.0739	-95.76378	999999		1 NOAA CDMP
NM_Fort_Union	187602	188807	35.9076	-105.0144	999999		1 NOAA CDMP
MD_Woodstock	187609	189112	39.3286	-76.8723	999999		1 NOAA CDMP
WA_Walla_Walla	187703	189212	46.0654	-118.3336	999999		1 NOAA CDMP
CA_Los_Angeles	187707	189212	34.1009	-118.2111	999999		1 NOAA CDMP
CA_Red_Bluff	187707	189212	40.18	-122 24 304'			1 NOAA CDMP
ID_Boise	187707	189006	43.6128	-116.33	999999		1 NOAA CDMP
NV_Pioche	187707	188306	37.9483	-114.4531	6		1 NOAA CDMP
OR_Roseburg	187707	189212	43.211	-123.343 491'			1 NOAA CDMP
WA_Olympia	187707	189212	47.038	-122.899	999999		1 NOAA CDMP
NM_Fort_Bayard	187708	187802	32.7963	-108.1505	999999		1 NOAA CDMP
NV_Winnemucca	187708	189212	40.973	-117.735	999999		1 NOAA CDMP
AZ_Fort_Verde	187709	187905	34.5649	-111.8536	999999		1 NOAA CDMP
TX_Fort_McKavett	187710	188302	30.8269	-100.1075 2172'			1 NOAA CDMP
TX_Fort_Stockton	187711	188606	30.8881	-102.8747 2952'			1 NOAA CDMP
KY_Bowling_Green	187803	189009	37	-86.26095	999999		1 NOAA CDMP
TX_Fort_Davis	187804	188812	30.5986	-103.8924	999999		1 NOAA CDMP
IA_Des_Moines	187808	189212	41.5853	-93.60741	999999		1 NOAA CDMP
GA_Thomasville	187809	188202	30.7848	-84.04769	999999		1 NOAA CDMP
AK_WOODED_ISLAND	187810	188803	59.8719	-147.4136 10'		504988	1 NOAA CDMP
AK_NORTH_FORELAND	187810	188803	61.0461	-151.1739 25'		509494	1 NOAA CDMP
AZ_Fort_Apache	187810	188802	33.7945	-109.9977	999999		1 NOAA CDMP
ND_Fort_Stevenson	187901	188305	47.565	-101.4058 1734'			1 NOAA CDMP
TX_El_Paso	187901	189212	31.759	-106.487 3717'			1 NOAA CDMP
SD_Fort_Sisseton	187903	188808	45.6582	-97.53072	999999		1 NOAA CDMP
OR_Albany	187904	189212	44.6311	-123.1128 225'			1 NOAA CDMP
AR_Little_Rock	187907	189212	34.7167	-92.16667	999999		1 NOAA CDMP
IL_Springfield	187907	189212	39.7997	-89.54972	999999		1 NOAA CDMP
CO_Fort_Collins	188003	189211	40.6309	-105.0448 5004'			1 NOAA CDMP
MT_Helena	188004	188212	46.5914	-112.0198	999999		1 NOAA CDMP
ID_Lewiston	188005	188512	46.417	-117.017	999999		1 NOAA CDMP
MT_Missoula	188006	188306	46.8737	-113.9917	999999		1 NOAA CDMP
RI_Block_Island	188009	189212	41.1735	-71.57744 25'			1 NOAA CDMP
SD_Fort_Bennett	188009	188511	44.6717	-100.6406 1550'			1 NOAA CDMP
MN_Moorhead	188101	189212	46.874	-96.767 906'			1 NOAA CDMP
WA_Spokane	188102	189212	47.657	-117.412 1882'			1 NOAA CDMP
ID_Fort_Sherman	188105	188105	47.6756	-116.7935	999999		1 NOAA CDMP
SD_Huron	188107	189212	44.363	-98.214 1280'			1 NOAA CDMP
NM_Fort_Stanton	188108	189212	33.5	-105.5	999999		1 NOAA CDMP
WA_Port_Angeles	188110	189212	48.1403	-123.4017	999999		1 NOAA CDMP
TX_Palestine	188112	189212	31.762	-95.632 480'			1 NOAA CDMP
AK_ATKA	188201	188608	52.1953	-174.2019 40'		500433	1 NOAA CDMP
AK_CHILCOOT_PORTAGE_BAY	188201	188612	59.2283	-135.4397 38'		503490	1 NOAA CDMP
AK_CHILCAT_PYRAMID_HARBOR	188201	188612	59.2283	-135.4397 38'		503490	1 NOAA CDMP
AK_CHILCOOT	188201	188612	59.2283	-135.4397 38'		503490	1 NOAA CDMP
AK_KILLISNOO_ISLAND	188201	188803	57.5028	-134.5822 20'		500310	1 NOAA CDMP
KILLISNOO_ISLAND	188809	189012	57.5028	-134.5822			1 US Signal Service
AK_FORT_RELIANCE	188201	188803	64.1458	-139.4806 1050'		509313	1 NOAA CDMP
AK_FORT_WRANGEL	188201	188803	56.4708	-132.3917 25'		509919	1 NOAA CDMP
FORT_WRANGEL	186907	186907	56.4708	-132.3917			1 US Signal Service
FORT_WRANGEL	187005	187009	56.4708	-132.3917			1 US Signal Service
Fort Tongass	186806	187009	56.47	-132.38			1 US Signal Service
AK_JUNEAU	188201	188803	58.3	-134.4 20'		504094	1 NOAA CDMP
AK_HOWKAN_CORDOVA_BAY	188201	188803	54.8633	-132.7953 10'		503812	1 NOAA CDMP
AK_CHERNOFSKY	188201	188803	53.4089	-167.5117 6'		501601	1 NOAA CDMP
AK_KENAI_COOK_INLET	188201	188803	60.5511	-151.2642 70'		504546	1 NOAA CDMP
AK_KENAI	188201	188803	60.5511	-151.2642 70'		504546	1 NOAA CDMP
AK_KOLMAKOFFSKY_KOSKOKVIM	188201	188803	61.575	-158.8833 105'		500332	1 NOAA CDMP
AK_KOSKOKVIM	188201	188803	61.575	-158.8833 105'		500332	1 NOAA CDMP
AK_MARZOVIA	188201	188803	54.9131	-163.3028 50'		509575	1 NOAA CDMP
AK_TANANA	188201	188803	65.1708	-152.0786 200'		509015	1 NOAA CDMP
AK_NULATO	188201	188803	64.7208	-158.1019 110'		506656	1 NOAA CDMP
AK_OMILAK	188201	188803	65.0358	-162.6875 600'		509798	1 NOAA CDMP
AK_PETROPAVLOVSKI	188201	188803	53.0533	-158.6069 86'		003254	1 NOAA CDMP
AK_PORT_ETCHES	188201	188803	60.3333	-146.65 60'		502177	1 NOAA CDMP
AK_TCHATOWKLIN	188201	188803	64.7889	-141.2025 675'		502607	1 NOAA CDMP
AK_UGASHIK	188201	188803	57.505	-157.3947 25'		507304	1 NOAA CDMP
AK_KYSKA	188201	188803	51.9833	-177.5447 20'		509999	1 NOAA CDMP
AK_MISSION	188201	188803	61.7853	-161.3222 50'		508054	1 NOAA CDMP
AK_HOONYAH	188201	188803	61.7853	-161.3222 50'		503695	1 NOAA CDMP
AK_SITKA	188201	188803	57.05	-135.3333 20'		508494	1 NOAA CDMP
WY_Fort_Washakie	188202	189106	43.0058	-108.8806 5568'			1 NOAA CDMP
CA_Fort_Bidwell	188205	188808	41.8586	-120.1614 4653'			1 NOAA CDMP
MT_Poplar_River	188205	188903	48.1131	-105.1983 2000'			1 NOAA CDMP
AR_Fort_Smith	188206	189212	35.3852	-94.4197 437'			1 NOAA CDMP
NY_Watervliet_Arsenal	188206	188804	42.7194	-73.7075 57'			1 NOAA CDMP
MI_Traverse_City	188207	189002	44.763	-85.621	999999		1 NOAA CDMP
AK_ANVIK	188209	188505	62.5886	-160.2078 60'		500370	1 NOAA CDMP
CA_Sonoma	188212	189212	38.2815	-122.3926 89'			1 NOAA CDMP
OK_Fort_Reno	188301	188807	35.5694	-98.02556	999999		1 NOAA CDMP
FL_Tallahassee	188303	189108	30.3728	-84.21457	999999		1 NOAA CDMP
WA_Tatoosh_Island	188310	189212	48.392	-124.737 108'			1 NOAA CDMP
AL_Mount_Vernon_Barracks	188402	188808	31.0881	-88.02583 172'			1 NOAA CDMP
MO_Warrenton	188404	189211	38.822	-91.13679 805'			1 NOAA CDMP
PA_Quakertown	188502	189212	40.4414	-75.34778 526'			1 NOAA CDMP
KS_Concordia	188505	189212	39.571	-97.662 1375'			1 NOAA CDMP
WA_Tacoma	188505	189212	47.253	-122.443 155'			1 NOAA CDMP
NE_Valentine	188509	189212	42.873	-100.551 2582'			1 NOAA CDMP
TX_Abilene	188509	189212	32.449	-99.733 1718'			1 NOAA CDMP
AZ_Fort_Huachuca	188601	188807	31.5588	-110.3455 5077'			1 NOAA CDMP
IN_Terre_Haute	188603	188603	39.4603	-87.40722 502'			1 NOAA CDMP

OR_Portland	188608	189212	45.5239	-122.6706	999999	1 NOAA CDMP
NE_Lincoln	188610	189212	40.8181	-96.70528 1180'		1 NOAA CDMP
NC_Raleigh	188701	189212	35.7703	-78.76263	999999	1 NOAA CDMP
VT_Northfield	188703	189212	44.1518	-72.65553 852'		1 NOAA CDMP
WA_Seattle	188704	189102	47.5111	-122.3988	999999	1 NOAA CDMP
CA_Fresno	188708	189212	36.7344	-119.7908 292'		1 NOAA CDMP
UT_Fort_Duchesne	188712	189109	40.2894	-109.8561 4996'		1 NOAA CDMP
WV_Parkersburg	188712	189212	39.267	-81.562 613'		1 NOAA CDMP
AL_Livingston	188801	189212	32.6166	-88.14987 150'		1 NOAA CDMP
FL_Jupiter	188801	189212	26.9481	-80.08111 11'		1 NOAA CDMP
SD_Rapid_City	188801	189212	44.0788	-103.1904 3488'		1 NOAA CDMP
NM_Fort_Wingate	188804	188807	35.4675	-108.5408	999999	1 NOAA CDMP
KS_Wichita	188807	189212	37.6878	-97.33667 1300'		1 NOAA CDMP
IA_Sioux_City	188907	189212	42.52	-96.42 1110'		1 NOAA CDMP
OR_Baker_City	188907	189212	44.775	-117.833 3448'		1 NOAA CDMP
MO_Columbia	188908	189212	38.9371	-92.33459 773'		1 NOAA CDMP
FL_Tampa	189003	189212	27.95	-82.46	999999	1 NOAA CDMP
OK_Oklahoma_City	189011	189212	35.48	-97.54	999999	1 NOAA CDMP
OR_Eola	189107	189209	44.9167	-123.1167 240'		1 NOAA CDMP
WY_Fort_Sanders	189109	189211	41.2683	-105.5981	999999	1 NOAA CDMP
New Bedford	182109020600	182109042200	41.633	-70.933		1
New Haven, Conneticut	182109010600	182109052200	41.31	-72.924		1
New York	18221223	18230102	40.7335	-73.98451		2
New York	184511080600	184511102200	40.7335	-73.98451		1
Redoubt, St Michael's, Alaska	186907	187706	63.467	-162.017		3
Fort St Michael, Alaska	188009	188606	63.8	-162		2
Fort Yukon, Alaska	186908	186908	66.564	-145.273		3
Point Barrow, Alaska	18811017	188307	71.38	-157.49		2
Point Barrow, Alaska	18820801	188307	71.38	-157.49		1
Iliuliuk, Unalaska	182501	183412	53.869	-166.434		3
Iliuliuk, Unalaska	186610	186703	53.869	-166.434		3
Unalaska	188407	188605	53.88	-166.53		2
Sitka, Alaska	182801	187612	57.05	-135.32		3
Sitka, Alaska	183301	184211	57.05	-135.32		3
Sitka, Alaska	184301010700	184512312100	57.05	-135.32		1 U of SC Climate Lab
Sitka, Alaska	184705010700	184903312100	57.05	-135.32		1 U of SC Climate Lab
Sitka, Alaska	184996020700	186710212200	57.05	-135.32		1 U of SC Climate Lab
Sitka, Alaska	186711	187705	57.05	-135.32		1 US Signal Service
VIETNAM						
Nam Dinh/Tonkin	189404	189512	20.42	106.17		2 French Annales
Nam Dinh/Tonkin	189404010800	189512	20.42	106.17		2 French Annales
Hanoi/Tonkin	189705160700	191312311900	21.03	105.83	16	2 French Annales
Haiphong	189312311600	18961231	20.87	106.67		1
Haiphong	190201011000	191312311600	20.87	106.67	0	2 French Annales
Lao Kay	190304011000	191312311600	22.5	103.87	110	2 French Annales
Nha Trang	189805011000	191312311600	12.27	109.2	8.5	2 French Annales
Nha Trang	190101011000	191312311600	12.27	109.2	9	2 French Annales
Quang Yen	189908010730	190812311600	20.95	106.8	9	2 French Annales
Tourane	189901011000	190812311600	16.08	108.22	3	2 French Annales
Lang Bian	189901011000	190512311600	12.03	108.33	1404	2 French Annales
Saigon	190001010600	191312311600	10.78	106.7	9	2 French Annales
Poulo Condore	190001010600	190203311600	8.27	106.58	6.5	2 French Annales
Lang Son	190401010800	191312311600	21.83	106.77	244.24	2 French Annales
Tuyen Quang	190403010800	190412311600	21.78	105.17		2 French Annales
Moncay	190401011000	191312311600	21.52	107.85	10	2 French Annales
Phu Lien	190406011000	191312312400	20.8	106.6	115.7	2 French Annales
Ninh Binh	190401011000	190412311600	20.23	105.98		2 French Annales
Dong Hoi	190401011000	191312311600	17.48	106.6	7	2 French Annales
Qui Nhon	190401011000	191312311600	13.75	109.22	3.6	2 French Annales
Cape Saint Jacques	189401011000	19321231	10.33	107.08		1 NOAA Central Library scans
Cape Saint Jacques	190401011000	191312311600	10.33	107.08	149.6	2 French Annales
Thanh Hoa	190504011000	191312311600	19.83	105.73	7	2 French Annales
Vinh	190501011000	191312311600	18.7	105.65	6	2 French Annales
Quang Tri	190501011000	191312311600	16.7	107.18		2 French Annales
Quang Ngai	190504011000	191312311600	15.1	108.83	10	2 French Annales
Hoihao	190605011000	190807311600	20.05	110.32	1.5	2 French Annales
Cap Padaran	190601011000	191312311600	11.58	109.13	170	2 French Annales
Tien Tcha	191101011000	191312311600	16.13	108.28	155	2 French Annales
CAO BANG	18980707	19091031	22.67	106.25		1 CDMP
CON DAO	18800101	19081231	8.73	106.63		1 CDMP
DA LAT	19100101	19190930	11.95	108.43		1 CDMP
DA NANG	18980801	19081231	16.07	108.23		1 CDMP
DI LINH	19010601	19130228	11.58	108.83		1 CDMP
DONG HOI	19000401	19191231	17.48	106.58		1 CDMP
HA GIANG	18980805	19140228	22.83	104.98		1 CDMP
HA NOI HOSPITAL	18970701	19270831	?	?		1 CDMP
HA NOI	18860201	19211231	21.03	105.85		1 CDMP
HAI PHONG	18800101	19191231	20.85	106.68		1 CDMP
HUE	18810601	19191231	16.47	107.58		1 CDMP
LANG SON	18980701	19191231	21.83	106.73		1 CDMP
LAO KAI	18980701	19191231	22.5	103.97		1 CDMP
MONG CAI	18980801	19191231	21.53	107.97		1 CDMP
NAM DINH	18930516	18951031	20.42	106.17		1 CDMP
NHA TRANG	18980414	19191231	12.25	109.18		1 CDMP
ONG YEM	18980601	19090731	11.15	106.58		1 CDMP
PHAN RANG	19040201	19191231	11.62	108.95		1 CDMP
PHU LANG THUONG	18960701	19081231	21.27	106.18		1 CDMP
PHU THY	19100101	19181231	20.5	103.75		1 CDMP
QUANG NGAI	19050401	19191231	15.12	108.8		1 CDMP
QUANG TRI	19050104	19191231	16.75	107.2		1 CDMP
QUANG YEN	18980617	19130131	20.93	106.78		1 CDMP
QUI NHON	18980601	19191231	13.77	109.23		1 CDMP
SAI GON	18680501	19191231	10.75	106.67		1 CDMP
SOC TRANG	18991015	19121231	9.6	105.98		1 CDMP
THANH BA	19110101	19191231	21.47	105.12		1 CDMP
THANH HOA	18990101	19191231	19.8	105.78		1 CDMP
TIEN SA	19060601	19191231	16.08	108.22		1 CDMP
TUYEN QUANG	19040501	19121231	21.82	105.22		1 CDMP
VINH	18990301	19191231	18.67	105.67		1 CDMP
VUNG TAU	18981101	19191231	10.35	107.07		1 CDMP
ConDao	19500101	19541231	8.73	106.63		1 CDMP
Coto	19521231	19531027				1 CDMP
Dalat	19500101	19520320	11.95	108.43		1 CDMP
DaNang	19500101	19541231	16.07	108.23		1 CDMP
HaiPhong	19500101	19541231	20.85	106.68		1 CDMP
HaNoi	19500101	19520906	21.03	105.85		1 CDMP
HaNoiVille	19520907	19530822				1 CDMP
HoangSa	19500101	19541231				1 CDMP
MongCai	19511231	19540630	21.53	107.97		1 CDMP
NamDinh	19530214	19530530	20.42	106.17		1 CDMP
NhaTrang	19530923	19541231	12.25	109.18		1 CDMP
Saigon	19540119	19541231	10.75	106.67		1 CDMP
SocTrang	19520101	19541231	9.6	105.98		1 CDMP
TienYen	19530101	19530227				1 CDMP

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