655360: KOKHOGO IVORY COAST 9.4N 5.6W 1905-1980 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

655390: FERKESSEDOUGOU IVORY COAST 9.5N 5.2W 1927-1973 82
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 9 35'N 5 12'W, alt = 323m. Reliability: compared with 655160 & 655230 for the years 1951-1971. Record shows jump 1959/1961 associated with data gaps.

655450: BONDOUKOU IVORY COAST 8.0N 2.2W 1919-1980 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

655480: MAN IVORY COAST 7.4N 7.5W 1922-1980 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 7 23'N 7 32'W, alt = 339m. Station may have moved Feb 1955. Reliability: compared with 655280 for the years 1951-1980.

655550: BOUAKE IVORY COAST 7.6N 5.0W 1908-1980 20 1951
Sources: A1

Notes: A1: 1951-1960; 7 41'N 5 02'W, alt = 376m. Station may have moved Dec 1954/Jan 1955 but no details are given. 1/2(max + min). Reliability: compared with 655570, 655620 & 655780 for the years 1951-1980. Corrected for a jump 1954/1955. Correction Factors: Stations used: 655570, 655620 & 655780. Calculation dates: 1951-1954. Correction dates: 1955-1980. Factors: -6 -1 -8 -13 -10 -12 -9 -7 -9 -12 -9 -8.

655570: GAGNOA IVORY COAST 6.0N 5.9W 1923-1980 20 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 6 08'N 5 57'W, alt = 205m. Reliability: compared with 655780 & 655620 for the years 1951-1980. Corrected for a jump 1970/1971. Correction Factors: Stations used: 655780 & 655620. Calculation dates: 1951-1970. Correction dates: 1971-1980. Factors: -1 -3 -5 -4 -6 -5 -3 -3 1 -6 -7 -3.

655620: DIMBROKO IVORY COAST 6.6N 4.7W 1922-1980 20 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 6 39'N 4 42'W, alt = 110m. Reliability: compared with 655550 & 655780 for the years 1951-1980. Corrected for a jump 1962/1963. Correction Factors: Stations used: 655550 & 655780. Calculation dates: 1951-1962. Correction dates: 1963-1980. Factors: -10 -7 -5 -5 -5 -2 -1 1 -3 -3 -7 -9.

655780: ABIDJAN VI IVORY COAST 5.3N 4.0W 1923-1980 10 1923
Sources: A1, A158

Notes: A158: 5 12'N 3 44'W, alt = 5m. 1923-1931; means of 3 daily observations, then 1/2(max + min). A1: Means of 1/2(max + min). 1941-1950; alt = 6m. 1951-1960 = 46m. From Nov 1945 observations taken at the airport. Reliability: compared with 655550 & 655620 for the years 1951-1980.

655850: ADIAKE IVORY COAST 5.3N 3.3W 40m 1951-1980 82
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 5 17'N 3 18'W, alt = 38m. Reliability: compared with 654720 & 654670 for the years 1951-1975. Record shows jumps in the 1960s associated with data gaps.

655920: TABOU IVORY COAST 4.4N 7.3W 1919-1980 10 1941
Sources: A1

Notes: A1: 1/2(max + min). 1941-1950; 4 25'N 7 22'W, alt = 4m. 1951-1960; 4 55'N 7 22'W, alt = 4m. Reliability: compared with 618660 & 656507 for the years 1951-1980 & 1941-1960.

655990: SASSANDRA IVORY COAST 4.9N 6.0W 1922-1980 20 1951
Sources: A1

Notes: A1: 1951-1960; 4 57'N 6 05'W, alt = 50m. Station may have moved May 1952. 1/2(max + min). Reliability: compared with 655780, 655850 & 655920 for the years 1951-1980. Corrected for a jump 1954/1955. Correction Factors: Stations used: 655780, 655880 & 655920. Calculation dates: 1951-1954. Correction dates: 1955-1980. Factors: 2 4 6 6 5 2 1 4 2 2 1 0.

656507: HARBEL LIBERIA 6.4N 10.4W 30m 1932-1973 10 1932
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). Prior to 1936; 6 18'N 10 26'W, alt = 30m. 1936-1960; 6 23'N 10 25'W, alt = 30m. Reliability: compared with 655920 for the years 1941-1960.

656600: ROBERTS FIELD LIBERIA 6.2N 10.3W 16m 1951-1980 62
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 6 11'N 10 18'W, alt = 16m. Reliability: uncheckable.

700260: BARROW USA 71.3N 156.8W 9m 1920-1981 10 1921
Sources:

Notes: Reliability: Compared with 700860, 701330 & 701780 for the years 1947-1981, 1928-1980 & 1920-1981.

137

700860: BARTER ISLAND USA 70.1N 143.6W 12m 1947-1981 10 1948
Sources:

Notes: Reliability: Compared with 700260 for the years 1947-1981.

701330: KOTZEBUE USA 66.9N 162.6W 3m 1928-1980 10 1929
Sources:

Notes: Reliability: Compared with 700260 & 702000 for the years 1928-1980. Poor data for Jan-Sept 1928 replaced with -999.

701737: ALLAKAKET USA 66.6N 152.7W 183m 1909-1981 22 1909
Sources:

Notes: Reliability: Compared with 701740, 701780 & 701928 for the years 1944-1981, 1909-1981 & 1922-1981. Many missing values 1962-1968, then a jump occurs. Probably due to a site change but no site details are available. Record has been corrected as it is close to a good record at 701740. Correction Factors: Stations used: 701740. Calculation dates: 1944-1968 & 1969-1981. Correction dates: 1909-1968. Factors: -33 -39 -18 -15 -17 -12 -13 -18 -11 -7 -14 -35.

701740: BETTLES USA 66.9N 151.5W 196m 1944-1981 10 1945
Sources:

Notes: Reliability: Compared with 701737, 701780, 701928 & 702617 for the years 1944-1981.

701780: TANANA USA 65.2N 152.1W 71m 1903-1981 10 1904
Sources:

Notes: Reliability: Compared with 701928 & 702617 for the years 1922-1981 & 1904-1981.

701928: UNIVERSITY EXP STA USA 64.9N 147.9W 145m 1922-1981 10 1922
Sources:

Notes: Reliability: Compared with 701780 & 702617 for the years 1922-1981. Much too warm Oct-Dec 1936 so replaced with -999.

701940: FORT YUKON USA 66.6N 145.3W 127m 1917-1970 10 1917
Sources:

Notes: Reliability: Compared with 701928 & 702820 for the years 1922-1969 & 1917-1969.

702000: NOME USA 64.5N 165.4W 4m 1906-1981 10 1906
Sources:

Notes: Reliability: Compared with 701330, 702070 & 703500 for the years 1928-1980, 1941-1981 & 1906-1981. Unchecked prior to 1928 but may be OK.

702070: UNALAKLEET USA 63.9N 160.8W 5m 1941-1981 10 1942
Sources:

Notes: Reliability: Compared with 702000 & 702190 for the years 1941-1981.

702190: BETHEL USA 60.8N 161.8W 38m 1923-1981 10 1924
Sources:

Notes: Reliability: Compared with 702070 & 702337 for the years 1941-1981 & 1923-1969.

702310: MCGRATH USA 63.0N 155.6W 105m 1941-1980 10 1942
Sources:

Notes: Reliability: Compared with 702480, 702490 & 702337 for the years 1944-1971, 1942-1980 & 1942-1969.

702337: HOLY CROSS USA 62.2N 159.8W 46m 1893-1970 12 1906
Sources:

Notes: Reliability: Compared with 702190, 702310 & 703500 for the years 1923-1969, 1942-1969 & 1899-1969.

138

702480: FAREWELL USA 62.5N 153.9W 457m 1944-1971 10 1945
Sources:

Notes: Reliability: Compared with 702310 & 702490 for the years 1944-1971.

702490: PUNTILLA USA 62.1N 152.8W 559m 1942-1981 10 1942
Sources:

Notes: Reliability: Compared with 702480 & 702510 for the years 1944-1971 & 1942-1981.

702510: TALKEETNA USA 62.3N 150.1W 105m 1918-1981 10 1920
Sources:

Notes: Reliability: Compared with 702490, 702649 & 702747 for the years 1942-1981, 1923-1981 & 1918-1969.

702617: FAIRBANKS/EXP STAT. USA 64.8N 147.9W 133m 1904-1981 10 1915
Sources:

Notes: Reliability: Compared with 701928 & 701780 for the years 1922-1981 & 1904-1981.

702649: MCKINLEY PARK USA 63.7N 149.0W 631m 1923-1981 10 1923
Sources:

Notes: Reliability: Compared with 702510 & 702490 for the years 1923-1981 & 1942-1981.

702670: BIG DELTA USA 64.0N 145.7W 387m 1942-1981 20 1942
Sources:

Notes: Reliability: Compared with 702649, 702617 & 702820 for the years 1942-1981. A jump in the record occurs, but no site details are available. Correction Factors: Stations used: 702649, 702617 & 702820. Calculation dates: 1944-1975 & 1976-1981. Correction dates: 1942-1975. Factors: 0 14 18 14 11 8 10 6 9 8 9 -9.

702710: GULKANA USA 62.2N 145.5W 479m 1942-1981 10 1943
Sources:

Notes: Reliability: Compared with 702910 for the years 1942-1981.

702730: ANCHORAGE USA 61.2N 150.0W 35m 1916-1981 10 1916
Sources:

Notes: Reliability: Compared with 702747, 703410 & 703500 for the years 1917-1969, 1932-1981 & 1916-1981.

702747: MATANUSKA/EXP STAT. USA 61.6N 149.3W 46m 1917-1970 10 1918
Sources:

Notes: Reliability: Compared with 702730 & 703500 for the years 1917-1969. Feb 1917 is suspect so 1918 is first reliable year.

702750: VALDEZ USA 61.1N 146.3W 5m 1910-1969 20 1917
Sources:

Notes: Reliability: Compared with 702710, 703600 & 702747 for the years 1942-1968, 1936-1968 & 1917-1968. Site change, from Court Street to Gibson Building, causes a jump. Correction Factors: Stations used: 702710, 702747 & 703600. Calculation dates: 1942-1956 & 1957-1968. Correction dates: 1910-1956. Factors: 7 8 13 11 15 9 7 5 1 11 11 8.

702820: EAGLE USA 64.8N 141.2W 259m 1899-1981 12 1899
Sources:

Notes: Reliability: Compared with 702617 & 701940 for the years 1904-1981 & 1917-1969.

702910: NORTHWAY APRT USA 63.0N 142.0W 522m 1942-1981 10 1942
Sources:

Notes: Reliability: Compared with 702820 & 702710 for the years 1942-1981.

702960: CORDOVA USA 60.5N 145.5W 13m 1917-1981 20 1917
Sources:

Notes: Reliability: Compared with 702747 & 702750 for the years 1917-1969 & 1917-1968. Jump, probably due to a site change occurs. No site details available. Correction Factors: Stations used: 702747 & 703610. Calculation dates: 1917-1942 & 1943-1969. Correction dates: 1917-1942. Factors: -6 -10 -9 -4 -6 -7 -10 -8 -10 -5 -10 -9.

703080: ST. PAUL USA 57.1N 170.3W 9m 1915-1980 10 1916
Sources:

Notes: Reliability: Compared with 703260 & 704890 for the years 1918-1979 & 1916-1953.

703160: COLD BAY USA 55.2N 162.7W 31m 1942-1980 10 1942
Sources:

Notes: Reliability: Compared with 703260 & 704140 for the years 1942-1979 & 1943-1972.

703260: KING SALMON USA 58.7N 156.7W 15m 1918-1981 12 1919
Sources:

Notes: Reliability: Compared with 703500, 703410 & 703080 for the years 1918-1981, 1932-1981 & 1918-1979.

703400: ILIAMNA USA 59.8N 154.9W 57m 1941-1981 10 1941
Sources:

Notes: Reliability: Compared with 703260 & 703410 for the years 1941-1981.

703410: HOMER USA 59.6N 151.5W 19m 1932-1981 10 1933
Sources:

Notes: Reliability: Compared with 703260 & 702730 for the years 1932-1981.

703500: KODIAK USA 57.8N 152.5W 4m 1899-1981 10 1899
Sources:

Notes: Reliability: Compared with 703260, 703410, 702730 & 702000 for the years 1918-1981, 1932-1981, 1916-1981 & 1906-1981.

139

703600: CAPE ST. ELIAS USA 59.8N 144.6W 18m 1936-1970 10 1936
Sources:

Notes: Reliability: Compared with 702747, 703610 & 703622 for the years 1936-1969.

703610: YAKUTAT USA 59.5N 139.7W 9m 1917-1981 80
Sources:

Notes: Reliability: Compared with 703710 & 703622 for the years 1917-1981 & 1925-1981. A change in thermometer height from 4 to 2m in 1964 caused lower temperatures, closely followed by a steep & uncorrectable warming trend (1964-1981).

703622: HAINES USA 59.3N 135.5W 53m 1925-1981 40
Sources:

Notes: Reliability: Compared with 703810 & 703710 for the years 1925-1981.

703710: SITKA MAGNETIC OBS. USA 57.1N 135.3W 20m 1832-1981 10 1832
Sources:

Notes: Reliability: Compared with 703622, 703810 & 703870 for the years 1925-1981, 1899-1981 & 1917-1981. Station moved in Mar 1941 & in April 1942. Jumps occur in the record, but are uncorrectable due to the simultaneous movement of nearby stations.

703810: JUNEAU (CITY) USA 58.3N 134.4W 8m 1899-1981 80
Sources:

Notes: Reliability: Compared with 703710, 703622 & 703870 for the years 1899-1981, 1925-1981 & 1917-1981. Station moved to the airport in 1950. Suspect values occur in the early 1970s. Uncorrectable due to the simultaneous movement of nearby stations.

703870: WRANGELL USA 56.5N 132.4W 11m 1917-1981 10 1917
Sources:

Notes: Reliability: Compared with 703622, 703710 & 703810 for the years 1925-1981, 1917-1981 & 1917-1981. Station probably moved in the 1950s but no site details are available. Uncorrectable due to the simultaneous movement of nearby stations.

703980: ANNETTE ISLAND USA 55.0N 131.6W 34m 1941-1980 10 1941
Sources:

Notes: Reliability: Compared with 711010 & 718990 for the years 1948-1979 & 1941-1969.

704140: SHEMYA USA 52.7N 174.0W 31m 1943-1973 10 1944
Sources:

Notes: Reliability: Compared with 704540 & 703080 for the years 1943-1969 & 1943-1972.

704540: ADAK USA 51.9N 176.7W 4m 1942-1970 10 1943
Sources:

Notes: Reliability: Compared with 703080 & 704140 for the years 1942-1969 & 1943-1969.

704890: DUTCH HARBOR USA 53.9N 166.5W 5m 1905-1954 12 1906
Sources:

Notes: Reliability: Compared with 703080 & 703260 for the years 1916-1953 & 1918-1953.

710430: NORMAN WELLS CANADA 65.3N 126.8W 73m 1943-1980 10 1944
Sources:

Notes: Reliability: Compared with 719461 & 710435 for the years 1943-1980 & 1943-1979.

710431: FORT NORMAN CANADA 64.9N 125.6W 74m 1903-1975 12 1909
Sources:

Notes: Reliability: Compared with 710435 & 719461 for the years 1908-1975 & 1943-1975.

710435: FORT GOOD HOPE CANADA 66.3N 128.6W 53m 1897-1979 10 1908
Sources:

Notes: Reliability: Compared with 710431 & 710430 for the years 1908-1975 & 1943-1979.

710450: TESLIN A CANADA 60.2N 132.8W 705m 1943-1980 10 1944
Sources:

Notes: Reliability: Compared with 719640 & 719641 for the years 1943-1980.

710503: FORT ST JAMES CANADA 54.5N 124.3W 686m 1895-1980 10 1895
Sources:

Notes: Reliability: Compared with 719410, 718967 & 718960 for the years 1951-1980, 1895-1969 & 1912-1980.

140

710510: SACHS HARBOUR CANADA 72.0N 125.3W 86m 1955-1980 10 1956
Sources:

Notes: Reliability: Compared with 710530 & 710720 for the years 1957-1980 & 1955-1980.

710530: CLINTON POINT CANADA 69.6N 120.8W 101m 1957-1980 10 1959
Sources:

Notes: Reliability: Compared with 710510 & 710720 for the years 1957-1980.

710531: HOLMAN CANADA 70.7N 117.8W 9m 1941-1969 10 1948
Sources:

Notes: Reliability: Compared with 710510 & 710720 for the years 1955-1969 & 1948-1969. Not checked prior to 1948.

710610: FORT RADIUM CANADA 66.1N 118.0W 191m 1937-1974 12 1938
Sources:

Notes: Reliability: Compared with 719380 & 710431 for the years 1937-1974.

710690: SLAVE LAKE A CANADA 55.3N 114.8W 581m 1922-1980 12 1925
Sources:

Notes: Reliability: Compared with 710691 & 711231 for the years 1926-1977 & 1922-1980.

710691: HIGH PRAIRIE CANADA 55.4N 116.5W 594m 1926-1977 10 1932
Sources:

Notes: Reliability: Compared with 710690 & 711231 for the years 1926-1977.

710720: MOULD BAY CANADA 76.2N 119.3W 15m 1948-1980 10 1949
Sources:

Notes: Reliability: Compared with 710510, 710530 & 710531 for the years 1955-1980, 1957-1980 & 1948-1969.

710730: FORT RELIANCE CANADA 62.7N 109.2W 164m 1948-1980 10 1949
Sources:

Notes: Reliability: Compared with 719360 & 719361 for the years 1948-1980 & 1948-1975.

710731: FORT RESOLUTION CANADA 61.2N 113.7W 1911-1936 73
Sources:

Notes: Reliability: Compared with 719350 for the years 1911-1936. Suspect, cold, values occur in 1926.

710740: ISACHSEN CANADA 78.8N 103.5W 25m 1948-1978 10 1949
Sources:

Notes: Reliability: Compared with 719180 & 719240 for the years 1948-1976 & 1948-1978.

710810: HALL BEACH CANADA 68.7N 81.3W 8m 1957-1980 10 1959
Sources:

Notes: Reliability: Compared with 710900 for the years 1957-1980.

710820: ALERT CANADA 82.5N 62.3W 62m 1950-1980 10 1951
Sources:

Notes: Reliability: Compared with 719170 & 710900 for the years 1950-1980.

710900: CLYDE CANADA 70.5N 68.6W 25m 1943-1980 10 1947
Sources:

Notes: Reliability: Compared with 710810 & 719170 for the years 1957-1980 & 1947-1980.

710921: LAKE HARBOUR CANADA 62.8N 69.9W 1913-1946 62
Sources:

Notes: Reliability: Short record with many missing observations so is uncheckable.

710941: PANGNIRTUNG CANADA 66.1N 65.7W 1925-1940 62
Sources:

Notes: Reliability: Short record with many missing observations, so is uncheckable.

710950: POND INLET CANADA 72.7N 78.0W 54m 1922-1980 62
Sources:

Notes: Reliability: Not enough observations to check.

711010: SANDSPIT CANADA 53.3N 131.8W 1948-1980 10 1949
Sources:

Notes: Reliability: Compared with 703980 & 718997 for the years 1948-1979 & 1948-1967. Jan-June 1948 values too cold so replaced with -999.

711090: PORT HARDY CANADA 50.7N 127.4W 23m 1944-1980 10 1944
Sources:

Notes: Reliability: Compared with 711010 & 718960 for the years 1948-1979 & 1944-1979.

141

711200: COLD LAKE A CANADA 54.4N 110.3W 541m 1952-1980 10 1953
Sources:

Notes: Reliability: Compared with 718712 & 718760 for the years 1952-1980.

711220: BANFF CANADA 51.2N 115.6W 1397m 1887-1980 10 1890
Sources:

Notes: Reliability: Compared with 718770 & 718802 for the period 1888-1980.

711231: BION CANADA 53.9N 114.1W 701m 1911-1980 22 1911
Sources:

Notes: Reliability: Compared with 710690, 710691, 718762 & 718770 for the years 1922-1980, 1926-1977, 1917-1980 & 1911-1980. No mention of a site change is made in station history at time of inhomogeneity, but many observations are missing between 1942 & 1950. Correction Factors: Stations used: 710690, 718762 & 718770. Calculation dates: 1925-1945 & 1950-1980. Correction dates: 1911-1945. Factors: 19 18 0 2 1 4 8 8 1 13 11 22.

711277: WANLESS CANADA 54.2N 101.4W 273m 1935-1980 12 1955
Sources:

Notes: Reliability: Compared with 718670 for the years 1935-1980.

711282: CHAPLIN CANADA 50.5N 106.7W 671m 1883-1980 20 1893
Sources:

Notes: Reliability: Compared with 718631 & 718640 for the years 1893-1980 & 1894-1980. Too warm prior to 1905. Corrected for site change from 50 27'N 106 40'W, alt = 671m to 50 28'N 106 39'W, alt = 673m. Correction Factors: Stations used: 718631. Calculation dates: 1893-1904 & 1905-1980. Correction dates: 1893-1904. Factors: 6 11 -11 -15 -4 -8 -10 -3 5 -4 -5 -1.

711382: GRENFELL CANADA 50.4N 102.9W 596m 1883-1980 10 1890
Sources:

Notes: Reliability: Compared with 718631 & 718630 for the years 1889-1980.

711400: BRANDON CANADA 49.9N 100.0W 366m 1856-1980 12 1890
Sources:

Notes: Reliability: Compared with 718532 & 718533 for the years 1885-1960 & 1881-1980.

711402: HILLVIEW CANADA 49.9N 100.6W 427m 1885-1920 10 1895
Sources:

Notes: Reliability: Compared with 711400 & 718533 for the years 1894-1920.

711410: NORWAY HOUSE CANADA 54.0N 97.8W 217m 1896-1968 10 1910
Sources:

Notes: Reliability: Compared with 718670 for the years 1910-1946. Uncheckable prior to 1910.

711413: CHANNEL ISLAND CANADA 52.3N 97.4W 216m 1886-1904 61
Sources:

Notes: Reliability: Record too short and also antique, so is uncheckable.

711482: TREHERNE CANADA 49.6N 98.7W 373m 1885-1978 20 1904
Sources:

Notes: Reliability: Compared with 718517 for the years 1904-1938. Inhomogeneity is due to site change from 49 37'N 98 44'W, alt = 369m to 49 36'N 98 40'W. Correction Factors: Stations used: 718517. Calculation dates: 1904-1910 & 1911-1934. Correction dates: 1895-1910. Factors: 27 29 21 18 15 15 11 10 7 3 9 20.

714322: WELAND CANADA 43.0N 79.3W 175m 1872-1980 10 1874
Sources:

Notes: Reliability: Compared with 714323 & 715270 for the years 1872-1980 & 1875-1980.

714323: WOODSTOCK CANADA 43.1N 80.8W 282m 1870-1980 10 1872
Sources:

Notes: Reliability: Compared with 714322 & 715270 for the years 1872-1980 & 1875-1980.

715270: PORT DOVER CANADA 42.8N 80.2W 186m 1874-1980 10 1876
Sources:

Notes: Reliability: Compared with 714322 & 714323 for the years 1875-1980.

715271: CAMBRIDGE GALT MOE CANADA 43.3N 80.3W 268m 1879-1980 12 1881
Sources:

Notes: Reliability: Compared with 715274 & 715380 for the years 1885-1980 & 1879-1980.

715272: PORT STANLEY CANADA 42.7N 81.2W 183m 1872-1980 72
Sources:

Notes: Reliability: Compared with 715271, 715274 & 715380 for the years 1879-1980, 1885-1980 & 1874-1980. Too warm prior to 1900.

715274: RIDGETOWN CANADA 42.5N 81.9W 206m 1883-1980 12 1886
Sources:

Notes: Reliability: Compared with 715271, 715380 & 715382 for the years 1885-1980, 1885-1980 & 1889-1980.

715380: WINDSOR A CANADA 42.3N 83.0W 190m 1866-1980 12 1874
Sources:

Notes: Reliability: Compared with 715271, 715272 & 715274 for the years 1879-1980, 1874-1980 & 1885-1980.

715382: PELEE ISLAND CANADA 41.8N 82.7W 175m 1888-1980 72 1920
Sources:

Notes: Reliability: Compared with 715271, 715274 & 715380 for the years 1889-1980.

716000: SABLE ISLAND CANADA 44.0N 60.1W 1891-1980 10 1898
Sources:

Notes: Reliability: Compared with 716010, 717070, 717170 & 718010 for the years 1945-1980, 1940-1980, 1943-1980 & 1898-1970.

716010: SHEARWATER CANADA 44.6N 63.5W 41m 1852-1980 12 1945
Sources:

Notes: Reliability: Compared with 716000 & 717170 for the years 1945-1980.

716200: KINGSTON QUEENS CANADA 44.3N 76.5W 104m 1853-1957 72 1890
Sources:

Notes: Reliability: Compared with 716247 & 716215 for the years 1853-1957 & 1866-1957. Suspect trend 1870-1890, otherwise OK.

716204: BROCKVILLE CANADA 44.6N 75.7W 91m 1871-1980 22 1916
Sources:

Notes: Reliability: Compared with 716280 & 716285 for the years 1872-1980 & 1958-1980. Inhomogeneity due to site change at the end of 1961, from 44 33'N 75 40'W, alt = 85m to 44 36'N 75 42'W, alt = 91m. First reliable year is 1916 because 1872-1878 is uncheckable & 1878-1915 is missing. Correction Factors: Stations used: 716280. Calculation dates: 1935-1961 & 1962-1980. Correction dates: 1872-1961. Factors: -10 -12 -9 -8 -9 -10 -9 -8 -8 -8 -5 -5.

716213: BELLEVILLE CANADA 44.2N 77.4W 76m 1866-1980 12 1921
Sources:

Notes: Reliability: Compared with 716255 & 716215 for the years 1866-1969 & 1866-1970. Too many missing observations to check prior to 1921.

716215: PETERBOROUGH CANADA 44.3N 78.3W 194m 1866-1970 72 1964
Sources:

Notes: Reliability: Compared with 716254 & 716213 for the years 1888-1957 & 1866-1970. Site moved in 1942/1943 from 44 17'N 78 19'W, alt = 198m to 44 20'N 78 19'W. Changed again in 1963 to 44 17'N 78 19'W, alt; 194m. The first change has been corrected but the second uncorrected change still leaves the record inhomogeneous. Correction Factors: Stations used: 716254. Calculation dates: 1916-1942 & 1943-1950. Correction dates: 1866-1942. Factors: -6 -8 -10 -8 -9 -11 -17 -5 -14 -16 -13 -13.

716230: LONDON A CANADA 43.0N 81.2W 278m 1878-1980 72
Sources:

Notes: Reliability: Compared with 716237, 716236 & 716336 for the years 1878-1980, 1897-1970 & 1878-1980. Several apparent jumps occur in the data set.

716234: BRANTFORD CANADA 43.1N 80.3W 206m 1876-1963 72
Sources:

Notes: Reliability: Compared with 716230 & 716336 for the years 1878-1962 & 1876-1962. Several apparent jumps occur in the data set.

716236: GODERICH TOWNSHIP CANADA 43.7N 81.7W 221m 1866-1970 72
Sources:

Notes: Reliability: Compared with 716237 & 716336 for the years 1866-1970 & 1873-1970. Several apparent jumps occur in the data set.

716237: STRATFORD MOE CANADA 43.4N 81.0W 354m 1865-1980 72
Sources:

Notes: Reliability: Compared with 714322, 716247 & 716234 for the years 1872-1980, 1865-1980 & 1876-1962. A move or change is suspected at about 1945 but no details are given in the station history.

716243: BARRIE CANADA 44.4N 79.7W 229m 1866-1958 62
Sources:

Notes: Reliability: Very many missing observations so is uncheckable.

716244: BRAMPTON CANADA 43.7N 79.8W 221m 1871-1964 62
Sources:

Notes: Reliability: Very many missing observations so is uncheckable.

716245: PARIS CANADA 43.2N 80.5W 267m 1884-1945 70
Sources:

Notes: Reliability: Compared with 716323, 716334 & 716336 for the years 1890-1945. Record seems too cold 1900-1910, but no details of any change are given in the station history.

716246: HAMILTON CANADA 43.3N 79.9W 92m 1866-1958 62
Sources:

Notes: Reliability: Very many missing observations so is uncheckable.

716247: TORONTO CANADA 43.7N 79.4W 111m 1840-1980 40
Sources:

Notes: Reliability: Compared with 714322, 716237 & 716334 for the years 1872-1980, 1865-1980 & 1878-1980. An urban warming trend of about 1C occurs from 1910-1980.

716253: BANCROFT CANADA 45.1N 77.9W 327m 1882-1980 62
Sources:

Notes: Reliability: Very many missing observations so is uncheckable.

716254: CLONTARF CANADA 45.4N 77.2W 245m 1882-1957 22 1889
Sources:

Notes: Reliability: Compared with 716200 for the years 1888-1957. No record of a site change is made but 1909-1915 is missing. Inhomogeneity is probably due to new instrumentation. Correction Factors: Stations used: 716200. Calculation dates: 1889-1908 & 1916-1938. Correction dates: 1888-1980. Factors: -5 -11 -6 -11 -5 -8 -11 -8 -12 -8 -9 -7.

716255: PEMBROKE EDDY MATCH CANADA 45.8N 77.2W 125m 1866-1969 52
Sources:

Notes: Reliability: Compared with 716213 for the years 1866-1969. Site changes occur in 1958 & 1963 but record is incomplete after 1963 so correction is impossible.

716270: MONTREAL CANADA 45.5N 73.6W 57m 1856-1980 63
Sources:

Notes: Reliability: Very short record so is uncheckable.

716280: OTTAWA CANADA 45.4N 75.7W 79m 1872-1980 22 1889
Sources:

Notes: Reliability: Compared with 716200 & 716254 for the years 1872-1957 & 1888-1957. Site change occurs in 1934/1935 probably from 45 24'N 75 43'W, alt = 72m to 45 23'N 75 43'W, alt = 79m, Ottawa Experimental Farm. Correction Factors: Stations used: 716254. Calculation dates: 1916-1934 & 1935-1947. Correction dates: 1872-1934. Factors: -12 -16 -15 -10 -12 -14 -14 -17 -14 -13 -10 -15.

716281: RENFREW SAND POINT CANADA 45.5N 76.4W 127m 1882-1959 22 1887
Sources:

Notes: Reliability: Compared with 716200, 716215 & 716254 for the years 1885-1957, 1885-1959 & 1888-1957. Site changed in 1929 from 45 26'N 76 39'W, alt = 127m to 45 29'N 76 26'W. An instrument change probably occurred in July 1947. Correction Factors: Stations used: 716254. Calculation dates: 1916-1928 & 1942-1950, 1930-1940 & 1942-1950. Correction dates: 1885-1928 & 1930-1940. Factors: i) 1885-1928, -1 -7 -5 -2 -5 -7 -3 0 -1 -4 -1 -5. ii) 1930-1940, 20 19 17 17 12 13 16 14 13 13 19 17.

716285: CORNWALL CANADA 45.0N 74.8W 64m 1867-1980 62 1959
Sources:

Notes: Reliability: Compared with 716280 for the years 1872-1980. 1880-1958 is missing & the earlier part of the record is uncheckable.

716286: HIGH FALLS CANADA 45.9N 75.7W 186m 1933-1972 70 1960
Sources:

Notes: Reliability: Compared with 717200 & 718288 for the years 1953-1972 & 1939-1972. A possible discontinuity occurs around 1960 but no station history is available.

716302: COLDWATER CANADA 44.7N 79.7W 183m 1883-1954 12 1888
Sources:

Notes: Reliability: Compared with 716303, 716304 & 716305 for the years 1885-1921, 1885-1948 & 1885-1954.

716303: GRAVENHURST CANADA 44.9N 79.4W 248m 1870-1949 10 1878
Sources:

Notes: Reliability: Compared with 716302 & 716305 for the years 1885-1921 & 1878-1921.

716304: LAKEFIELD CANADA 44.4N 78.3W 235m 1874-1949 10 1887
Sources:

Notes: Reliability: Compared with 716302, 716305 & 716306 for the years 1885-1948, 1883-1948 & 1892-1948.

716305: BEATRICE CANADA 45.1N 79.4W 290m 1876-1979 10 1878
Sources:

Notes: Reliability: Compared with 716304, 716306 & 716303 for the years 1883-1948, 1892-1974 & 1878-1921.

144

716306: COLLINGWOOD CANADA 44.5N 80.2W 183m 1892-1974 12 1892
Sources:

Notes: Reliability: Compared with 716304 & 716305 for the years 1892-1948 & 1892-1974.

716307: LINDSAY CANADA 44.4N 78.8W 267m 1880-1971 10 1881
Sources:

Notes: Reliability: Compared with 716313 & 716315 for the years 1882-1971 & 1881-1971.

716313: DURHAM CANADA 44.2N 80.8W 381m 1882-1980 12 1883
Sources:

Notes: Reliability: Compared with 716307 & 716315 for the years 1882-1971 & 1882-1973.

716314: ALTON CANADA 43.9N 80.1W 401m 1887-1964 22 1887
Sources:

Notes: Reliability: Compared with 716307 & 716315 for the years 1887-1964. Inhomogeneity is probably due to a site change in 1913/1914. Correction Factors: Stations used: 716307 & 716315. Calculation dates: 1887-1913 & 1914-1964. Correction dates: 1887-1913. Factors: 6 7 5 7 4 9 9 9 7 10 5 7.

716315: GUELPH OAC CANADA 43.5N 80.2W 334m 1881-1973 12 1882
Sources:

Notes: Reliability: Compared with 716307 & 716313 for the years 1881-1971 & 1882-1973.

716323: PARRY SOUND CANADA 45.3N 80.0W 194m 1874-1976 10 1876
Sources:

Notes: Reliability: Compared with 716334 & 716336 for the years 1878-1976 & 1875-1976.

716333: LUCKNOW CANADA 44.0N 81.5W 290m 1885-1980 70
Sources:

Notes: Reliability: Compared with 716336, 716334 & 716247 for the years 1886-1980. Many decadal time scale trends are apparent when compared with the above stations.

716334: OWEN SOUND MOE CANADA 44.6N 80.9W 179m 1878-1980 10 1890
Sources:

Notes: Reliability: Compared with 716323 & 716336 for the years 1878-1976 & 1878-1980. Data prior to 1890 are suspect.

716336: SOUTHAMPTON CANADA 44.5N 81.4W 186m 1872-1980 20 1874
Sources:

Notes: Reliability: Compared with 716323 & 716334 for the years 1875-1976 & 1878-1980. Inhomogeniety due to a site change in 1952/1953 from 44 30'N 81 21'W, alt = 200m to 44 30'N 81 22'W, alt = 186m. Correction Factors: Stations used: 716323 & 716334. Calculation dates: 1878-1952 & 1953-1980. Correction dates: 1878-1952. Factors: -1 -3 1 6 14 16 16 12 12 4 0 -1.

717070: SYDNEY CANADA 46.2N 60.1W 60m 1940-1980 10 1940
Sources:

Notes: Reliability: Compared with 716010 & 717170 for the years 1940-1980 & 1943-1980.

717090: GRINDSTONE IS CANADA 47.4N 61.9W 60m 1941-1970 10 1941
Sources:

Notes: Reliability: Compared with 716000 & 717170 for the years 1941-1970 & 1943-1970.

717140: QUEBEC CANADA 46.8N 71.3W 75m 1854-1870 63
Sources:

Notes: Reliability: Very short record with many missing observations so is uncheckable.

717170: CHATHAM CANADA 47.0N 65.5W 34m 1943-1980 10 1943
Sources:

Notes: Reliability: Compared with 716000 & 716010 for the years 1943-1980.

717187: FATHER POINT CANADA 48.5N 68.5W 1877-1970 10 1882
Sources:

Notes: Reliability: Compared with 718117 for the years 1882-1954.

717220: MANIWAKI CANADA 46.4N 76.0W 170m 1953-1980 10 1953
Sources:

Notes: Reliability: Compared with 717310 & 718288 for the years 1953-1980.

717270: BAGOTVILLE CANADA 48.3N 71.0W 163m 1942-1980 10 1942
Sources:

Notes: Reliability: Compared with 717277 for the years 1942-1970.

145

717277: CHICOUTIMI CANADA 48.4N 71.1W 46m 1885-1970 10 1942
Sources:

Notes: Reliability: Compared with 717270 for the years 1942-1970.

717310: NORTH BAY CANADA 46.3N 79.5W 201m 1887-1980 12 1925
Sources:

Notes: Reliability: Compared with 718288 & 716286 for the years 1939-1980 & 1933-1972. Very many missing observations prior to 1925.

717380: WHITE RIVER CANADA 48.6N 85.3W 379m 1889-1976 10 1889
Sources:

Notes: Reliability: Compared with 717381 & 718360 for the years 1914-1972 & 1889-1976.

717381: BISCOTASING CANADA 47.3N 82.1W 407m 1914-1980 20 1914
Sources:

Notes: Reliability: Compared with 717380 & 718360 for the years 1914-1972. No evidence of a site change is available but there is a data gap in 1926. Jump is probably due to instrument or recording time change. Correction Factors: Stations used: 717380 & 718360. Calculation dates: 1914-1925 & 1926-1972. Correction dates: 1914-1925. Factors: 14 17 13 16 16 15 7 12 10 3 14 11.

717491: PORT ARTHUR CANADA 48.4N 89.2W 247m 1877-1941 10 1877
Sources:

Notes: Reliability: Compared with 727430 for the years 1877-1941.

718000: TREPASSEY CANADA 46.5N 53.1W 128m 1921-1969 10 1934
Sources:

Notes: Reliability: Compared with 718010 for the years 1921-1969.

718010: ST JOHNS/TORBAY CANADA 47.6N 52.7W 144m 1834-1970 10 1898
Sources:

Notes: Reliability: Compared with 716000 & 718130 for the years 1898-1970 & 1914-1970. Many missing observations prior to 1872.

718030: GANDER CANADA 49.0N 54.6W 147m 1937-1980 10 1937
Sources:

Notes: Reliability: Compared with 718090 & 718150 for the years 1937-1968 & 1942-1980.

718050: ST. PIERRE CANADA 46.8N 56.2W 5m 1961-1980 62
Sources:

Notes: Reliability: Short record with many missing observations so is uncheckable. July 1961 value changed to 113 & April 1965 value changed to 09.

718070: ARGENTIA CANADA 47.3N 54.0W 14m 1961-1980 62
Sources:

Notes: Reliability: Short record with many missing observations so is uncheckable.

718090: BELLE ISLE CANADA 51.9N 55.4W 130m 1912-1969 72 1920
Sources:

Notes: Reliability: Compared with 718010 & 718130 for the years 1912-1968 & 1914-1968. Record prior to 1920 is suspect.

718110: SEPT-ILES CANADA 50.2N 66.3W 58m 1944-1980 10 1945
Sources:

Notes: Reliability: Compared with 718010 & 718090 for the years 1944-1970 & 1944-1968. 1944 Jan-April is wrong & replaced by -999.

718117: ANTICOSTI CANADA 49.4N 63.7W 1882-1954 10 1882
Sources:

Notes: Reliability: Compared with 717187 & 718130 for the years 1882-1954 & 1914-1954.

718130: NATASHQUAN CANADA 50.2N 61.8W 5m 1914-1980 10 1915
Sources:

Notes: Reliability: Compared with 716000 & 718117 for the years 1914-1980 & 1914-1954.

718150: STEPHENVILLE CANADA 48.5N 58.6W 26m 1942-1980 10 1942
Sources:

Notes: Reliability: Compared with 718030 for the years 1942-1980.

718160: GOOSE CANADA 53.3N 60.4W 49m 1941-1980 10 1942
Sources:

Notes: Reliability: Compared with 718180 for the years 1941-1980.

718180: CARTWRIGHT CANADA 53.7N 57.0W 14m 1934-1980 10 1941
Sources:

Notes: Reliability: Compared with 719000 & 718160 for the years 1942-1980 & 1941-1980.

718227: MISTASSINI POST CANADA 50.3N 73.9W 383m 1921-1970 62
Sources:

Notes: Reliability: Too few complete years to check.

718260: NITCHEQUON CANADA 53.2N 70.9W 537m 1942-1980 10 1943
Sources:

Notes: Reliability: Compared with 718110 & 719050 for the years 1944-1979 & 1942-1980.

718279: FORT GEORGE CANADA 53.8N 79.0W 7m 1915-1969 62
Sources:

Notes: Reliability: Compared with 718360 & 719050 for the years 1915-1969 & 1925-1969, but too many missing observations to check.

718280: SCHEFFERVILLE CANADA 54.8N 66.7W 512m 1949-1970 10 1949
Sources:

Notes: Reliability: Compared with 718160 for the years 1949-1969.

718288: GRAND LAKE VICTORIA CANADA 47.8N 77.4W 1080m 1927-1980 10 1946
Sources:

Notes: Reliability: Compared with 716286 & 717200 for the years 1939-1972 & 1953-1980.

718310: KAPUSKASING CANADA 49.4N 82.5W 229m 1938-1980 10 1938
Sources:

Notes: Reliability: Compared with 717380 & 718360 for the years 1938-1976 & 1938-1980.

718360: MOOSONEE CANADA 51.3N 80.7W 10m 1877-1980 10 1889
Sources:

Notes: Reliability: Compared with 717380, 718310 & 719050 for the years 1889-1976, 1938-1980 & 1925-1980.

718399: YORK FACTORY CANADA 57.0N 92.5W 17m 1874-1914 62
Sources:

Notes: Reliability: Antique record with many missing observations so is uncheckable.

718410: ARMSTRONG CANADA 50.3N 88.9W 320m 1938-1980 10 1939
Sources:

Notes: Reliability: Compared with 718420 & 718450 for the years 1938-1980. 1938 is suspect when compared with 718420.

718420: SIOUX LOOKOUT A CANADA 50.1N 91.9W 390m 1914-1980 10 1915
Sources:

Notes: Reliability: Compared with 718410, 717491 & 718520 for the years 1938-1980, 1914-1941 & 1914-1979.

718450: PICKLE LAKE CANADA 51.5N 90.2W 369m 1930-1980 12 1940
Sources:

Notes: Reliability: Compared with 718460, 718410 & 718480 for the years 1941-1980, 1938-1980 & 1939-1980.

147

718460: LANSDOWNE HOUSE CANADA 52.2N 87.9W 256m 1941-1980 10 1942
Sources:

Notes: Reliability: Compared with 718450 & 718480 for the years 1941-1980.

718467: FORT HOPE CANADA 51.5N 87.8W 1901-1920 62
Sources:

Notes: Reliability: Many missing observations so is uncheckable.

718480: TROUT LAKE CANADA 53.8N 89.9W 219m 1939-1980 10 1939
Sources:

Notes: Reliability: Compared with 718450 & 718460 for the years 1939-1980 & 1941-1980.

718501: EAR FALLS CANADA 50.6N 93.2W 361m 1928-1980 22 1928
Sources:

Notes: Reliability: Compared with 718420 for the years 1928-1980. A break in the record occurs, 1940-1949. Restarts with no recorded change in site so inhomogeneity may be due to a change in instrumentation or observation time. Correction Factors: Stations used: 718420. Calculation dates: 1928-1941 & 1950-1980. Correction dates: 1928-1941. Factors: 5 12 9 7 4 3 5 6 10 10 15 22.

718510: PORTAGE LA PRAIRIE CANADA 50.0N 98.3W 261m 1883-1971 22 1886
Sources:

Notes: Reliability: Compared with 718520 for the years 1886-1971. No mention of a site change is made in the station history but record is too warm prior to 1902 or thereabouts. Correction Factors: Stations used: 718520. Calculation dates: 1886-1901 & 1902-1971. Correction dates: 1886-1901. Factors: -8 -25 -19 -11 0 5 6 -4 -7 -6 -7 -16.

718517: MORDEN CANADA 49.2N 98.1W 297m 1885-1980 10 1905
Sources:

Notes: Reliability: Compared with 718510 for the years 1904-1971.

718520: WINNIPEG (COMBINED) CANADA 49.9N 97.1W 240m 1872-1980 10 1878
Sources:

Notes: Reliability: Compared with 718510 & 718563 for the years 1886-1971 & 1878-1919.

718521: OAKBANK CANADA 50.0N 96.8W 244m 1885-1931 10 1890
Sources:

Notes: Reliability: Compared with 718520 & 718563 for the years 1890-1931 & 1890-1919.

718523: EMERSON CANADA 49.0N 97.2W 236m 1893-1980 12 1943
Sources:

Notes: Reliability: Compared with 718517 for the years 1920-1980.

718532: ST ALBANS CANADA 49.7N 99.6W 360m 1885-1960 10 1886
Sources:

Notes: Reliability: Compared with 711400 & 718533 for the years 1885-1960 & 1895-1960.

718533: MINNEDOSA CANADA 50.3N 99.8W 587m 1881-1980 22 1882
Sources:

Notes: Reliability: Compared with 711400 & 718532 for the years 1881-1980 & 1885-1960. Too cool prior to 1964. Site changed from 50 15'N 99 50'W, alt = 587m to 50 16'N 99 50'W, alt = 518m. Correction Factors: Stations used: 711400. Calculation dates: 1890-1962 & 1964-1980. Correction dates: 1881-1962. Factors: -12 -12 1 -13 -9 -10 -10 -9 -7 -14 -11 -16.

718540: RED LAKE A CANADA 51.1N 93.8W 375m 1930-1980 62 1964
Sources:

Notes: Reliability: Compared with 718420 for the years 1930-1980. Many missing observations prior to 1964.

718563: STONY MOUNTAIN CANADA 50.1N 97.2W 245m 1878-1919 10 1879
Sources:

Notes: Reliability: Compared with 718520 for the years 1878-1919.

718588: WABOWDEN CANADA 54.9N 98.6W 233m 1943-1971 10 1944
Sources:

Notes: Reliability: Compared with 711400 & 718532 for the years 1943-1971 & 1943-1960.

718612: RUSSELL CANADA 50.8N 101.3W 564m 1883-1980 22 1884
Sources:

Notes: Reliability: Compared with 711400 & 718533 for the years 1883-1980. Site changed in July/Aug 1971 from 50 47'N 101 16'W, alt = 560m to 50 46'N 101 17'W, alt = 564m. Correction Factors: Stations used: 711400. Calculation dates: 1914-1970 & 1972-1980. Correction dates: 1883-July 1907. Factors: 12 11 13 4 0 0 2 0 1 -1 -3 5.

718630: REGINA A CANADA 50.4N 104.7W 577m 1883-1980 12 1884
Sources:

Notes: Reliability: Compared with 718631 & 711382 for the years 1889-1980.

718631: INDIAN HEAD CANADA 50.5N 103.7W 586m 1885-1980 10 1891
Sources:

Notes: Reliability: Compared with 718630 & 711382 for the years 1889-1980.

718640: MOOSE JAW (CHAB/AP) CANADA 50.3N 105.6W 577m 1894-1980 20 1895
Sources:

Notes: Reliability: Compared with 711382 & 718631 for the years 1894-1980. Too cold prior to July 1908 when site changed from 50 23'N 105 34'W, alt = 561m to 50 21'N 105 35'W, alt = 547m. Correction Factors: Stations used: 718631. Calculation dates: 1894-1907 & 1909-1980. Correction dates: 1894-April 1908. Factors: 15 17 16 13 15 11 11 11 12 9 13 12.

718660: SASKATOON CANADA 52.1N 106.7W 503m 1892-1942 12 1902
Sources:

Notes: Reliability: Compared with 718663 & 718690 for the years 1911-1942 & 1892-1942.

718663: PILGER CANADA 52.4N 105.2W 552m 1911-1980 72 1918
Sources:

Notes: Reliability: Compared with 718660 & 718690 for the years 1911-1942 & 1911-1980.

148

718670: THE PAS CANADA 54.0N 101.1W 271m 1910-1980 10 1930
Sources:

Notes: Reliability: Compared with 719222 for the years 1929-1980. Not checked prior to 1930.

718680: HUDSON BAY A CANADA 52.8N 102.3W 358m 1943-1980 10 1944
Sources:

Notes: Reliability: Compared with 718663 & 718690 for the years 1943-1980.

718690: PRINCE ALBERT A CANADA 53.2N 105.7W 428m 1884-1980 20 1890
Sources:

Notes: Reliability: Compared with 718663 & 718660 for the years 1911-1980 & 1892-1942. Site changed from 53 10'N 105 45'W, alt = 436m to the airport, 53 13'N 105 41'W, alt = 428m. Correction Factors: Stations used: 718663. Calculation dates: 1918-1942 & 1943-1980. Correction dates: 1884-1942. Factors: -18 -17 -18 -5 -12 -9 -11 -9 -8 -10 -10 -14.

718700: SWIFT CURRENT A CANADA 50.3N 107.7W 817m 1885-1980 20 1885
Sources:

Notes: Reliability: Compared with 718640, 718631 & 711282 for the years 1894-1980, 1889-1980 & 1893-1980. In July 1938 site moved to the airport, from 50 20'N 107 45'W, alt = 744m to 50 17'N 107 41'W, alt = 817m. Correction Factors: Stations used: 718640, 718631 & 711282. Calculation dates: 1909-1937 & 1939-1980. Correction dates: 1885-June 1938. Factors: -12 -5 -10 -13 -12 -11 -9 -10 -9 -11 -12 -8.

718712: WASECA CANADA 53.1N 109.4W 648m 1907-1980 20 1908
Sources:

Notes: Reliability: Compared with 718762 & 718760 for the years 1917-1980 & 1907-1980. Site changed from 53 06'N 109 30'W, alt = 648m to 53 06'N 109 31'W. Correction Factors: Stations used: 718762. Calculation dates: 1917-1942 & 1943-1980. Correction dates: 1917-1942. Factors: 2 10 14 9 6 3 6 2 7 1 10 6.

718720: MEDICINE HAT A CANADA 50.0N 110.7W 717m 1883-1980 20 1895
Sources:

Notes: Reliability: Compared with 718741 & 718802 for the years 1921-1967 & 1895-1980. Station moved to the airport but no site details are given. Correction Factors: Stations used: 719741. Calculation dates: 1921-1930 & 1931-1967. Correction dates: 1883-1930. Factors: -5 -6 -7 -3 -7 -10 -6 -5 3 -2 5 9.

718740: LETHBRIDGE CANADA 49.6N 112.8W 920m 1936-1980 10 1937
Sources:

Notes: Reliability: Compared with 718741 & 718700 for the years 1936-1967 & 1936-1979. Jan-Mar 1936 is wrong & value replaced by -999.

718741: MAPLE CREEK CANADA 49.9N 109.5W 764m 1884-1980 10 1922
Sources:

Notes: Reliability: Compared with 718700 & 718720 for the years 1921-1967.

718760: NORTH BATTLEFORD A CANADA 52.8N 108.2W 548m 1891-1980 50
Sources:

Notes: Reliability: Compared with 718762 & 718712 for the years 1917-1980 & 1907-1980. Record is too cold prior to about 1927 and too warm compared with 718762 during the 1930s. No station history available prior to 1942, when the station may have moved to the airport.

718762: BIGGAR CANADA 52.1N 108.0W 671m 1917-1980 10 1917
Sources:

Notes: Reliability: Compared with 718712 for the years 1917-1980.

149

718770: CALGARY INT'L A CANADA 51.1N 114.1W 1067m 1881-1980 10 1885
Sources:

Notes: Reliability: Compared with 711220 & 718740 for the years 1888-1980 & 1936-1979.

718790: EDMONTON CANADA 53.6N 113.5W 676m 1880-1980 40
Sources:

Notes: Reliability: Compared with 718762 for the years 1917-1980. A warming trend of about 2C occurs from 1930 to 1980.

718802: FORT MACLEOD CANADA 49.7N 113.4W 950m 1895-1980 70
Sources:

Notes: Reliability: Compared with 711220, 718770 & 718720 for the years 1895-1980. A warming trend of 3C, 1910-1940, was followed by a cooling trend.

718811: ENTRANCE CANADA 53.4N 117.7W 1006m 1917-1980 10 1918
Sources:

Notes: Reliability: Compared with 710503 & 718967 for the years 1917-1980 & 1917-1969.

718870: KAMLOOPS CANADA 50.7N 120.5W 345m 1891-1970 10 1898
Sources:

Notes: Reliability: Compared with 718977 & 711090 for the years 1898-1959 & 1944-1969.

718960: PRINCE GEORGE CANADA 53.9N 122.7W 676m 1912-1980 20 1913
Sources:

Notes: Reliability: Compared with 710503 & 718967 for the years 1912-1980 & 1912-1969. Record is too warm prior to 1945 when the station moved to the airport, from 53 50'N 122 48'W, alt = 570m to 53 53'N 122 40'W, alt = 676m. Correction Factors: Stations used: 710503. Calculation dates: 1912-1945 & 1946-1980. Correction dates: 1912-1945. Factors: -6 -8 -13 -6 -9 -11 -11 -9 -8 -9 -9 0. Jan-July 1912 observations replaced with -999.

718961: MCBRIDE 4SE CANADA 53.3N 120.2W 722m 1922-1980 70
Sources:

Notes: Reliability: Compared with 710503 & 718967 for the years 1922-1980 & 1922-1969. Record about 3C too warm 1928-1931. No evidence of any move or change.

718967: BARKERVILLE CANADA 53.0N 121.6W 1274m 1888-1970 20 1888
Sources:

Notes: Reliability: Compared with 710503, 711220 & 718977 for the years 1895-1969, 1888-1969 & 1898-1959. No record of any change occurs in the station history, but there are missing observations in 1907 and discontinuity compared with the above stations. Correction Factors: Stations used: 710503. Calculation Dates: 1896-1906 & 1907-1969. Correction dates: 1888-1906. Factors: 1 -16 -29 -21 -24 -24 -18 -29 -25 -14 -3 -13.

718977: BELLA COOLA CANADA 52.7N 126.9W 18m 1898-1960 10 1898
Sources:

Notes: Reliability: Compared with 718870 for the years 1898-1959.

718980: PRINCE RUPERT CANADA 54.3N 130.3W 34m 1911-1970 20 1911
Sources:

Notes: Reliability: Compared with 718997 & 719511 for the years 1911-1967 & 1914-1969. Too cold after 1961 when station moved to the airport, from 54 17'N 130 23'W, alt = 52m to 54 18'N 130 26'W, alt = 34m. Correction Factors: Stations used: 718997 & 719511. Calculation dates: 1914-1961 & 1962-1967. Correction dates: 1911-1961. Factors: -13 -15 -10 -11 -16 -13 -16 -14 -11 -6 -12 -13.

718990: LANGARA CANADA 54.3N 133.1W 41m 1937-1970 10 1937
Sources:

Notes: Reliability: Compared with 718997 & 703980 for the years 1937-1967 & 1941-1967.

718997: MASSET CANADA 54.0N 132.2W 3m 1898-1968 10 1911
Sources:

Notes: Reliability: Compared with 719511 & 718980 for the years 1914-1967 & 1911-1967. Not checked prior to 1911.

719000: HOPEDALE CANADA 55.5N 60.2W 12m 1942-1980 10 1942
Sources:

Notes: Reliability: Compared with 718180 for the years 1942-1980.

719001: HEBRON CANADA 58.2N 62.4W 1882-1918 10 1883
Sources:

Notes: Reliability: Compared with 719002 for the years 1882-1913.

719002: NAIN CANADA 56.6N 61.7W 1882-1913 10 1883 150
Sources:

Notes: Reliability: Compared with 719001 for the years 1882-1913.

719011: INDIAN HOUSE LAKE CANADA 56.2N 64.7W 306m 1944-1964 61
Sources:

Notes: Reliability: Record too short to check.

719030: RESOLUTION IS CANADA 61.3N 64.9W 39m 1929-1970 12 1930
Sources:

Notes: Reliability: Compared with 719090 & 719080 for the years 1946-1961 & 1929-1961.

719050: POSTE DE LA BALEINE CANADA 55.3N 77.8W 26m 1925-1980 12 1926
Sources:

Notes: Reliability: Compared with 718260 & 718360 for the years 1942-1980 & 1925-1980.

719060: FORT CHIMO CANADA 58.1N 68.4W 35m 1941-1980 10 1942
Sources:

Notes: Reliability: Compared with 719070 for the years 1941-1980.

719070: NOUCDJOUAC CANADA 58.5N 78.1W 51m 1921-1980 12 1942
Sources:

Notes: Reliability: Compared with 719060 for the years 1941-1980.

719080: NOTTINGHAM ISLAND CANADA 63.1N 77.9W 16m 1927-1970 10 1930
Sources:

Notes: Reliability: Compared with 719030 & 719090 for the years 1929-1961 & 1946-1970.

719090: FROBISHER BAY CANADA 63.8N 68.6W 34m 1942-1980 10 1947
Sources:

Notes: Reliability: Compared with 719080 & 719150 for the years 1946-1970 & 1946-1980.

719110: SHEPHERD BAY A CANADA 68.8N 93.4W 51m 1957-1980 62
Sources:

Notes: Reliability: Many missing observations so is uncheckable.

719130: FORT CHURCHILL CANADA 58.8N 94.1W 29m 1884-1980 12 1932
Sources:

Notes: Reliability: Compared with 719150 & 719160 for the years 1933-1980 & 1921-1980.

719150: CORAL HARBOUR CANADA 64.2N 83.4W 64m 1933-1980 12 1946
Sources:

Notes: Reliability: Compared with 719130, 719160 & 719260 for the years 1933-1980, 1933-1980 & 1946-1980.

719160: CHESTERFIELD CANADA 63.3N 90.7W 6m 1921-1980 10 1924
Sources:

Notes: Reliability: Compared with 719130 & 719150 for the years 1921-1980 & 1933-1980.

719170: EUREKA CANADA 80.0N 85.9W 10m 1947-1980 10 1948
Sources:

Notes: Reliability: Compared with 710820 & 710900 for the years 1950-1980 & 1947-1980.

719180: ARCTIC BAY CANADA 73.0N 85.2W 11m 1937-1976 62
Sources:

Notes: Reliability: Many missing observations so is uncheckable.

719191: SPENCE BAY CANADA 69.5N 93.5W 12m 1951-1976 62
Sources:

Notes: Reliability: Many missing observations so is uncheckable.

719210: BROCHET A CANADA 57.9N 101.7W 343m 1948-1980 12 1949
Sources:

Notes: Reliability: Compared with 719130 & 719230 for the years 1948-1980 & 1949-1979.

719222: ISLAND FALLS CANADA 55.5N 102.4W 299m 1929-1980 10 1930
Sources:

Notes: Reliability: Compared with 718760 for the years 1929-1980.

719230: ENNADAI LAKE CANADA 61.1N 100.9W 325m 1949-1979 10 1950
Sources:

Notes: Reliability: Compared with 719130, 719150 & 719160 for the years 1949-1979.

719240: RESOLUTE CANADA 74.7N 95.0W 67m 1947-1980 10 1948
Sources:

Notes: Reliability: Compared with 710740 & 719180 for the years 1948-1978 & 1947-1976.

719250: CAMBRIDGE BAY CANADA 69.1N 105.1W 27m 1929-1980 12 1929
Sources:

Notes: Reliability: Compared with 719090 for the years 1946-1980.

719260: BAKER LAKE CANADA 64.3N 96.0W 12m 1946-1980 10 1950
Sources:

Notes: Reliability: Compared with 719130, 719150 & 719160 for the years 1946-1980.

719290: BYRON BAY A CANADA 68.8N 109.1W 112m 1957-1980 10 1961
Sources:

Notes: Reliability: Compared with 719250 & 719380 for the years 1957-1980.

719320: FORT MCMURRAY CANADA 56.7N 111.4W 369m 1931-1980 10 1931
Sources:

Notes: Reliability: Compared with 719333 & 719330 for the years 1931-1980.

719330: FORT CHIPEWYAN A CANADA 58.8N 111.1W 232m 1883-1980 22 1917
Sources:

Notes: Reliability: Compared with 719340 for the years 1914-1980. Station moved to the airport, from 58 43'N 111 09'W, alt = 219m to 58 46'N 111 07'W, alt = 232m. Correction Factors: Stations used: 719340. Calculation dates: 1914-1967 & 1968-1980. Correction dates: 1883-1967. Factors: -10 -14 3 -7 -4 -4 -6 -6 -5 -7 -12 -10.

719333: FORT VERMILION CANADA 58.4N 116.0W 279m 1905-1980 10 1905
Sources:

Notes: Reliability: Compared with 719320 & 719340 for the years 1931-1980 & 1914-1980.

719340: FORT SMITH CANADA 60.0N 112.0W 203m 1914-1980 10 1915
Sources:

Notes: Reliability: Compared with 719350 & 719333 for the years 1914-1980.

719350: HAY RIVER CANADA 60.8N 115.8W 166m 1893-1980 10 1900
Sources:

Notes: Reliability: Compared with 719340 & 719333 for the years 1914-1980 & 1905-1980.

719351: FORT PROVIDENCE CANADA 61.3N 117.7W 159m 1943-1980 12 1945
Sources:

Notes: Reliability: Compared with 719350 for the years 1943-1980.

719360: YELLOWKNIFE CANADA 62.5N 114.5W 205m 1942-1980 10 1948
Sources:

Notes: Reliability: Compared with 710730 & 719361 for the years 1948-1980 & 1948-1975. Not checked prior to 1948.

719361: SNARE RAPIDS CANADA 63.5N 112.0W 216m 1947-1975 12 1950
Sources:

Notes: Reliability: Compared with 710730 & 719360 for the years 1948-1975.

719380: COPPERMINE CANADA 67.8N 115.2W 24m 1930-1980 10 1933
Sources:

Notes: Reliability: Compared with 719250 & 710610 for the years 1930-1980 & 1937-1974.

719400: GRANDE PRAIRE CANADA 55.2N 118.9W 669m 1922-1980 12 1945
Sources:

Notes: Reliability: Compared with 710503 & 719430 for the years 1922-1980 & 1931-1980. Many missing values prior to 1945.

719401: FAIRVIEW CANADA 56.1N 118.4W 670m 1931-1980 20 1931
Sources:

Notes: Reliability: Compared with 719430, 719442 & 719400 for the years 1931-1980. A jump occurs with all 3 stations but no record of any change appears in the station history. Correction Factors: Stations used: 719430 & 719442. Calculation dates: 1931-1950 & 1951-1980. Correction dates: 1931-1950. Factors: 2 12 -3 6 6 8 4 4 4 5 5 7.

719410: GERMANSEN LANDING CANADA 55.8N 124.7W 747m 1951-1980 10 1951
Sources:

Notes: Reliability: Compared with 710503 & 719430 for the years 1951-1980.

719430: FORT ST JOHN CANADA 56.2N 120.7W 695m 1931-1980 10 1942
Sources:

Notes: Reliability: Compared with 719442, 719431 & 710503 for the years 1931-1980. Missing months prior to 1942.

719431: BALDONNEL CANADA 56.2N 120.7W 686m 1927-1980 20 1927
Sources:

Notes: Reliability: Compared with 719442 & 719430 for the years 1927-1980 & 1931-1980. A jump of about 1C occurs but no station history is available. Correction Factors: Stations used: 719442. Calculation dates: 1927-1935 & 1936-1980. Correction dates: 1927-1935. Factors: -5 -14 -14 -10 -7 -5 -12 -11 -7 -7 -6 -2.

719442: BEAVERLODGE CANADA 55.2N 119.4W 732m 1913-1980 10 1913
Sources:

Notes: Reliability: Compared with 719430 & 719400 for the years 1931-1980 & 1922-1980. Not checked prior to 1922.

152

719450: FORT NELSON CANADA 58.8N 122.6W 382m 1937-1980 10 1939
Sources:

Notes: Reliability: Compared with 719351 & 719450 for the years 1943-1980 & 1937-1980.

719460: FORT SIMPSON CANADA 61.8N 121.2W 169m 1895-1980 72 1910
Sources:

Notes: Reliability: Compared with 719350 & 719461 for the years 1895-1980 & 1943-1980.

719461: WRIGLEY CANADA 63.2N 123.4W 156m 1943-1980 10 1951
Sources:

Notes: Reliability: Compared with 719460 for the years 1943-1980.

719491: FORT SELKIRK CANADA 62.8N 137.4W 454m 1952-1980 10 1957
Sources:

Notes: Reliability: Compared with 719650 & 719660 for the years 1952-1980.

719500: SMITHERS CANADA 54.8N 127.2W 523m 1942-1980 10 1943
Sources:

Notes: Reliability: Compared with 719511 & 719550 for the years 1942-1976 & 1942-1980.

719510: TERRACE CANADA 54.5N 128.6W 217m 1912-1980 20 1912
Sources:

Notes: Reliability: Compared with 719511 & 719550 for the years 1914-1976 & 1912-1980. Station moved to the airport from 54 31'N 128 35'W to 54 28'N 128 35'W. Correction Factors: Stations used: 719511. Calculation dates: 1914-1953 & 1955-1976. Correction dates: 1912-1953. Factors: -10 -7 -11 -10 -11 -12 -12 -12 -7 -11 -10 -13.

719511: NEW HAZELTON CANADA 55.2N 127.6W 351m 1914-1976 10 1915
Sources:

Notes: Reliability: Compared with 718997 & 718980 for the years 1914-1967 & 1914-1969.

719530: WATSON LAKE CANADA 60.1N 128.8W 689m 1938-1980 10 1944
Sources:

Notes: Reliability: Compared with 719580 for the years 1944-1980. Not checked prior to 1944.

719550: STEWART CANADA 55.9N 130.0W 7m 1910-1980 12 1914
Sources:

Notes: Reliability: Compared with 719511 for the years 1914-1976.

719570: INUVIK CANADA 68.3N 133.5W 68m 1957-1980 11 1960
Sources:

Notes: Reliability: Compared with 719590 for the years 1957-1980.

719580: DEASE LAKE CANADA 58.4N 130.0W 816m 1944-1980 10 1947
Sources:

Notes: Reliability: Compared with 719530 for the years 1944-1980.

719581: TELEGRAPH CREEK CANADA 57.9N 131.2W 183m 1942-1979 62
Sources:

Notes: Reliability: Many missing observations so is uncheckable.

719590: TUKTOYAKTUK CANADA 69.5N 133.0W 18m 1948-1980 12 1950
Sources:

Notes: Reliability: Compared with 719570 & 719930 for the years 1957-1980 & 1948-1977.

719640: WHITEHORSE CANADA 60.7N 135.1W 703m 1942-1980 10 1943
Sources:

Notes: Reliability: Compared with 710450 & 719641 for the years 1943-1980 & 1942-1980.

719641: ATLIN CANADA 59.6N 133.7W 674m 1905-1980 12 1907
Sources:

Notes: Reliability: Compared with 710450, 719640 & 719671 for the years 1943-1980, 1942-1980 & 1907-1979.

719650: MAYO CANADA 63.6N 135.9W 504m 1925-1980 10 1929
Sources:

Notes: Reliability: Compared with 719660 for the years 1925-1980.

719660: DAWSON CANADA 64.1N 139.1W 369m 1900-1980 10 1901
Sources:

Notes: Reliability: Compared with 719650 & 702820 for the years 1925-1980 & 1900-1980.

153

719671: CARCROSS CANADA 61.7N 137.5W 663m 1907-1979 12 1907
Sources:

Notes: Reliability: Compared with 719641 for the years 1907-1979.

719672: HAINES JUNCTION CANADA 60.8N 137.6W 599m 1944-1980 50
Sources:

Notes: Reliability: Compared with 719640 & 710450 for the years 1944-1980. Irregular observations after 1974 cause a warming trend, especially when compared with 719640, of about 1C.

719680: AKLAVIK CANADA 68.2N 135.0W 9m 1926-1962 12 1926
Sources:

Notes: Reliability: Compared with 719930 for the years 1926-1962.

719930: FORT MCPHERSON CANADA 67.4N 134.9W 30m 1892-1977 12 1940
Sources:

Notes: Reliability: Compared with 719570, 719590 & 719680 for the years 1957-1977, 1948-1977 & 1926-1962. Oct-Dec 1927 much too cold, so replaced with -999.

722010: KEY WEST USA 24.6N 81.8W 6m 1832-1970 10 1851
Sources:

Notes: Reliability: compared with 722110 for the years 1851-1970.

722020: MIAMI USA 25.8N 80.3W 2m 1855-1980 20 1895
Sources:

Notes: Reliability: compared with 722110 & 722010 for the years 1895-1980 & 1895-1970. Corrected for 3 discontinuities; 1912/1913, 1942/1943 & 1951/1952. Correction Factors: Stations used: 722110 & 722010. Calculation dates: i) 1895-1912 & 1952-1962. ii) 1913-1942 & 1952-1962. iii) 1943-1951 & 1952-1962. Correction dates: i) 1895-1912. ii) 1913-1942. iii) 1943-1951. Factors: i) -4 -7 -4 -4 -6 -4 -4 -3 -3 -4 -5 -9. ii) 0 2 4 5 1 3 2 3 2 1 1 -2. iii) 4 3 5 9 9 8 6 7 7 5 5 0.

722060: JACKSONVILLE USA 30.3N 81.7W 9m 1872-1980 20 1872
Sources:

Notes: Reliability: compared with 722070 & 722080 for the years 1874-1980 & 1872-1980. Corrected for a site move 1970/1971. Correction Factors: Stations used: 722070. Calculation dates: 1946-1970 & 1971-1980. Correction dates: 1946-1970. Factors: -9 -10 -11 -14 -13 -8 -9 -9 -10 -10 -12 -12.

722070: SAVANNAH USA 32.1N 81.2W 14m 1837-1980 20 1874
Sources:

Notes: Reliability: compared with 722060 & 722080 for the years 1874-1980. Correction Factors: Stations used: 722060 & 722080. Calculation dates: 1874-1945 & 1946-1969. Correction dates: 1874-1945. Factors: -5 -4 -6 -5 -4 -4 -4 -3 -2 -2 -4 -7.

722080: CHARLESTON USA 32.8N 79.9W 15m 1738-1980 10 1823
Sources:

Notes: Reliability: compared with 722060, 722070 & 723092 for the years 1872-1980, 1874-1980 & 1871-1980.

722110: TAMPA USA 28.0N 82.5W 6m 1825-1980 22 1825
Sources:

Notes: Reliability: compared with 722010 & 722020 for the years 1851-1970 & 1895-1980. Correction Factors: Stations used: 722020 & 722141. Calculation dates: 1952-1962 & 1963-1980. Correction dates: 1825-1962. Factors: -1 -5 -3 -4 -1 2 2 2 -2 -2 -7 -8. Early years difficult to check but probably OK.

722127: ST. LEO USA 28.3N 82.3W 54m 1937-1970 60
Sources:

Notes: Reliability: uncheckable.

722141: THOMASVILLE USA 30.9N 83.9W 79m 1878-1980 10 1892
Sources:

Notes: Reliability: compared with 722170 & 722190 for the years 1892-1980.

722170: MACON USA 32.7N 83.7W 108m 1868-1980 20 1868
Sources:

Notes: Reliability: compared with 722141 & 722190 for the years 1892-1980 & 1879-1980. Corrected for height change, probably from 330 to 356m. Correction Factors: Stations used: 722141 & 722190. Calculation dates: 1900-1948 & 1949-1980. Correction dates: 1868-1948. Factors: 3 3 3 5 6 6 5 6 6 6 4 5.

722190: ATLANTA USA 33.7N 84.4W 308m 1859-1980 10 1892
Sources:

Notes: Reliability: compared with 722141 & 722170 for the years 1892-1980 & 1879-1980.

722220: PENSACOLA USA 30.5N 87.2W 34m 1879-1980 20 1879
Sources:

Notes: Reliability: compared with 722310 & 722340 for the years 1879-1980 & 1889-1980. Corrected for a change in thermometer height 1915/1916 & for discontinuity 1939/1940. Correction Factors: Stations used: 722310 & 722340. Calculation dates: 1889-1915 & 1940-1963, 1916-1939 & 1940-1963. Correction dates: 1879-1915 & 1916-1939. Factors: i) 1879-1915: 2 -3 1 -2 -1 -2 -1 -1 -2 -6 -4 -3. ii) 1916-1939: 3 4 6 2 5 6 6 7 5 0 2 2.

722230: MOBILE USA 30.7N 88.2W 22m 1841-1970 20 1873
Sources:

Notes: Reliability: compared with 722220 & 722340 for the years 1879-1970 & 1889-1970. Corrected for two discontinuities: 1905/1906 change in thermometer height. Dec 1961 missing data associated with jump. Correction Factors: Stations used: 722340. Calculation dates: 1889-1905 & 1962-1970. 1906-1961 & 1962-1970. Correction dates: 1873-1905 & 1906-1961. Factors: i) 1873-1905: 8 6 12 9 12 11 10 11 6 13 7 11. ii) 1906-1961: 7 6 8 7 8 10 9 10 10 13 6 7.

722280: BIRMINGHAM/MUNI USA 33.6N 86.8W 192m 1951-1970 81
Sources:

Notes: Reliability: compared with 722220 for the years 1951-1970. Possible station move in mid-1960s, record too short to correct.

722310: NEW ORLEANS USA 30.0N 90.1W 17m 1839-1980 20 1874
Sources:

Notes: Reliability: compared with 722340, 722360 & 722401 for the years 1889-1980, 1874-1980 & 1897-1980. Corrected for a clear discontinuity. Correction Factors: Stations used: 722340, 722360 & 722401. Calculation dates: 1910-1963 & 1964-1980. Correction dates: 1874-1963. Factors: -3 -7 -3 -6 -6 -4 -5 -5 -5 -7 -7 -6.

722340: MERIDIAN USA 32.3N 88.8W 88m 1889-1980 10 1889
Sources:

Notes: Reliability: compared with 722310 & 722360 for the years 1889-1980.

722360: VICKSBURG USA 32.4N 90.9W 78m 1840-1980 10 1872
Sources:

Notes: Reliability: compared with 722480 for the years 1872-1980.

722391: ALEXANDRIA USA 31.3N 92.5W 27m 1887-1980 80
Sources:

Notes: Reliability: compared with 722360, 722480 & 722401 for the years 1894-1980, 1894-1980 & 1897-1980. Record shows many inhomogeneities.

722401: JENNINGS USA 30.2N 92.7W 8m 1889-1980 10 1897
Sources:

Notes: Reliability: compared with 722310, 722420 & 722480 for the years 1897-1980, 1897-1977 & 1897-1980.

722420: GALVESTON USA 29.1N 94.9W 16m 1871-1977 10 1873
Sources:

Notes: Reliability: compared with 722510 & 722530 for the years 1887-1950 & 1885-1977.

722480: SHREVEPORT USA 32.5N 93.8W 77m 1872-1980 10 1872
Sources:

Notes: Reliability: compared with 722360 for the years 1872-1980.

722497: CALHOUN USA 32.5N 92.3W 55m 1923-1970 80
Sources:

Notes: Reliability: compared with 722360 & 722480 for the years 1923-1970.

722500: BROWNSVILLE USA 25.9N 97.4W 6m 1951-1980 10 1951 155
Sources:

Notes: Reliability: compared with 722530 for the years 1951-1980.

722510: CORPUS CHRISTI USA 27.8N 97.4W 13m 1887-1950 20 1887
Sources:

Notes: Reliability: compared with 722420 & 722530 for the years 1887-1950. Corrected for move, probably to airport, 1940/1941. Correction Factors: Stations used: 722420 & 722530. Calculation dates: 1887-1940 & 1941-1950. Correction dates: 1887-1940. Factors: 12 13 12 9 10 10 17 12 12 10 12 15.

722530: SAN ANTONIO USA 29.5N 98.5W 240m 1871-1980 10 1886
Sources:

Notes: Reliability: compared with 722420 & 722510 for the years 1885-1977 & 1887-1950.

722556: BEEVILLE USA 28.5N 97.7W 69m 1922-1970 20 1922
Sources:

Notes: Reliability: compared with 722420 & 722530 for the years 1922-1970. Corrected for height change Mar 1955 & discontinuous jump 1936/1937. Correction Factors: Stations used: 722420 & 722530. Calculation dates: 1922-1936 & 1956-1970, 1937-1954 & 1956-1970. Correction dates: 1922-1936 & 1937-Feb 1955. Factors: i) 1922-1936: -2 -1 -7 -1 -4 -1 1 4 2 2 2 0. ii) 1937-1955: -14 -9 -16 -9 -7 -4 -8 -5 -6 -7 -7 -10.

722650: MIDLAND/AIR TERM USA 31.9N 102.2W 872m 1951-1970 80
Sources:

Notes: Reliability: compared with 722660 & 722689 for the years 1951-1970.

722660: ABILENE USA 32.4N 99.7W 534m 1886-1980 20 1886
Sources:

Notes: Reliability: compared with 722480 & 722530 for the years 1886-1980. Correction Factors: Stations used: 722480 & 722530. Calculation dates: 1886-1942 & 1943-1980. Correction dates: 1886-1942. Factors: 6 11 4 4 3 6 5 6 4 7 8 9.

722680: ROSWELL USA 33.3N 104.5W 1112m 1878-1980 10 1893
Sources:

Notes: Reliability: compared with 722694 for the years 1916-1980.

722682: CARLSBAD USA 32.4N 104.2W 951m 1894-1980 20 1894
Sources:

Notes: Reliability: compared with 722689 & 722694 for the years 1913-1980 & 1916-1980. Correction Factors: Stations used: 722689 & 722694. Calculation dates: 1916-1950 & 1951-1980. Correction dates: 1894-1950. Factors: -11 -17 -14 -13 -10 -11 -7 -10 -13 -18 -15 -14.

722683: CARRIZIZO USA 33.7N 105.9W 1657m 1908-1980 80
Sources:

Notes: Reliability: compared with 722684 & 722701 for the years 1908-1970 & 1908-1979.

722684: CLOUDCROFT USA 33.0N 105.8W 2691m 1901-1979 10 1901
Sources:

Notes: Reliability: compared with 722688 & 722701 for the years 1901-1970 & 1908-1970.

722685: CLOVIS USA 34.4N 103.2W 1304m 1911-1980 20 1911
Sources:

Notes: Reliability: compared with 723603 & 723609 for the years 1911-1980. 1943 & 1944 data too warm & have been coded as missing. Corrected for a discontinuity 1942/1945. Correction Factors: Stations used: 723603 & 723609. Calculation dates: 1911-1942 & 1945-1980. Correction dates: 1911-1942. Factors: -9 -8 -8 -10 -14 -15 -13 -13 -13 -5 -7 -5.

722686: ELEPHANT BUTTE USA 33.1N 107.2W 1395m 1907-1980 80
Sources:

Notes: Reliability: compared with 722697 for the years 1908-1980.

722687: MESCALERO USA 33.2N 105.8W 2068m 1911-1978 10 1911
Sources:

Notes: Reliability: compared with 722694 for the years 1916-1978.

722688: FORT STANTON USA 33.5N 105.5W 1896m 1900-1970 10 1901
Sources:

Notes: Reliability: compared with 722684 & 722701 for the years 1901-1970 & 1908-1970.

722689: HOBBS USA 32.7N 103.1W 1102m 1913-1980 10 1913
Sources:

Notes: Reliability: compared with 722682, 722694 & 722680 for the years 1913-1980, 1916-1980 & 1913-1980.

722691: ALAMOGORDO USA 32.9N 106.0W 1326m 1901-1980 80
Sources:

Notes: Reliability: compared with 722693, 722696 & 722700 for the years 1915-1980, 1920-1980 & 1915-1980.

722692: DEMING USA 32.3N 107.8W 1320m 1904-1970 80
Sources:

Notes: Reliability: compared with 722698 & 722695 for the years 1906-1970 & 1904-1970. Very large variance up to about 1945, then suddenly reduced.

722693: JORNADA USA 32.6N 106.7W 1303m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 722695 & 722698 for the years 1914-1980 & 1914-1979.

722694: PEARL USA 32.7N 103.4W 1158m 1915-1980 10 1916
Sources:

Notes: Reliability: compared with 722680, 722682 & 722689 for the years 1916-1980.

722695: STATE UNIV. USA 32.3N 106.8W 1183m 1892-1980 20 1892
Sources:

Notes: Reliability: compared with 722698 & 722693 for the years 1906-1979 & 1914-1980. Corrected for discontinuity 1958/1959. Correction Factors: Stations used: 722698 & 722693. Calculation dates: 1914-1958 & 1959-1973. Correction dates: 1892-1958. Factors: 12 15 12 10 13 11 7 9 9 8 12 11.

156

722696: OROGRANDE USA 32.4N 106.1W 1280m 1909-1980 80
Sources:

Notes: Reliability: compared with 722700, 722698, 722693 & 722687 for the years 1920-1980, 1920-1979, 1920-1980 & 1920-1978. Record has two uncorrected discontinuities.

722697: FORT BAYARD USA 32.8N 108.1W 1872m 1867-1980 20 1891
Sources:

Notes: Reliability: compared with 723665 & 722699 for the years 1906-1980 & 1903-1980. Corrected for discontinuity 1939/1940. Correction Factors: Stations used: 723665 & 722699. Calculation dates: 1906-1939 & 1940-1980. Correction dates: 1891-1939. Factors: -15 -8 -10 -7 -6 -1 -1 -4 -9 -11 -9 -14.

722698: GAGE USA 32.2N 108.0W 1344m 1899-1979 10 1906
Sources:

Notes: Reliability: compared with 722693 & 722695 for the years 1914-1979 & 1906-1979.

722699: LUNA R S USA 33.8N 108.9W 2149m 1900-1980 10 1906
Sources:

Notes: Reliability: compared with 723665 for the years 1906-1980. 1971 5C too warm & has been coded as missing data.

722700: EL PASO USA 31.8N 106.5W 1194m 1879-1980 10 1879
Sources:

Notes: Reliability: compared with 722698 & 722696 for the years 1906-1979 & 1920-1980.

722701: TULAROSA USA 33.1N 106.0W 1388m 1908-1980 10 1908
Sources:

Notes: Reliability: compared with 722684 & 722688 for the years 1908-1970.

722731: BISBEE USA 31.5N 109.9W 1631m 1889-1961 20 1904
Sources:

Notes: Reliability: compared with 722740, 722742 & 722744 for the years 1904-1961. Corrected for discontinuity 1914/1915. Correction Factors: Stations used: 722742 & 722744. Calculation dates: 1904-1914 & 1951-1961. Correction dates: 1904-1914. Factors: 8 12 12 13 12 14 10 14 10 7 7 7.

722732: CANELO USA 31.5N 110.5W 1519m 1910-1980 20 1920
Sources:

Notes: Reliability: compared with 722740, 722742 & 722744 for the years 1920-1980, 1920-1980 & 1920-1974. Corrected for two discontinuities. Correction Factors: Stations used: 722742 & 722744. Calculation dates: 1920-1946 & 1957-1974, 1947-1956 & 1957-1974. Correction dates: 1920-1946 & 1947-1956. Factors: i) 1920-1946: 1 0 -2 2 5 4 5 -1 -1 2 2 2. ii) 1947-1956: 5 5 7 7 9 7 9 6 8 9 10 10.

722734: NOGALES USA 31.4N 110.9W 1158m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 722731, 722740, 722742 & 722744 for the years 1914-1961, 1914-1980, 1914-1980 & 1914-1974. Corrected for two discontinuities. Correction Factors: Stations used: 722731 & 722742. Calculation dates: 1915-1925 & 1945-1961, 1926-1944 & 1945-1961. Correction dates: 1914-1925 & 1926-1944. Factors: i) 1914-1925: 1 -1 0 -6 -10 -11 -2 -5 -6 -5 -7 -6. ii) 1926-1944: -17 -22 -21 -25 -29 -27 -19 -19 -26 -24 -25 -22.

722740: TUCSON UNIV. USA 32.3N 110.8W 770m 1867-1980 40
Sources:

Notes: Reliability: compared with 722742 & 722744 for the years 1904-1980 & 1903-1974. Record shows urban warming of 2-3C.

722741: AJO USA 32.4N 112.9W 537m 1913-1980 10 1915
Sources:

Notes: Reliability: compared with 722742, 723811 & 723707 for the years 1915-1980.

722742: TOMBSTONE USA 31.7N 110.1W 1405m 1897-1980 10 1904
Sources:

Notes: Reliability: compared with 722740 & 722744 for the years 1904-1980 & 1904-1974.

722744: BENSON USA 32.0N 110.3W 1097m 1881-1974 10 1903
Sources:

Notes: Reliability: compared with 722740 & 722742 for the years 1903-1974 & 1904-1974.

722745: GLOBE USA 33.4N 110.8W 1082m 1905-1980 20 1907
Sources:

Notes: Reliability: compared with 722863, 723704 & 723744 for the years 1907-1970, 1914-1970 & 1910-1975. Corrected for a jump in record 1929/1930. Correction Factors: Stations used: 722863, 723704 & 723744. Calculation dates: 1914-1929 & 1930-1970. Correction dates: 1907-1929. Factors: -10 -9 -10 -7 -8 -12 -5 -7 -12 -15 -11 -9.

722780: PHOENIX USA 33.5N 112.0W 337m 1877-1980 80
Sources:

Notes: Reliability: compared with 722781, 723707 & 723811 for the years 1911-1980, 1898-1980 & 1908-1980. Several moves evident in record.

722781: BUCKEYE USA 33.4N 112.6W 270m 1889-1980 20 1911
Sources:

Notes: Reliability: compared with 723707 & 723811 for the years 1911-1980. Corrected for a jump 1966/1967. Correction Factors: Stations used: 723707 & 723811. Calculation dates: 1911-1966 & 1967-1980. Correction dates: 1911-1966. Factors: 7 8 9 12 11 10 11 11 7 5 6 7.

722788: MESA USA 33.4N 111.9W 374m 1896-1980 80
Sources:

Notes: Reliability: compared with 722863, 723704 & 723744 for the years 1905-1970, 1914-1970 & 1910-1980. Record shows warming trend which may be due to several station moves.

722789: MIAMI USA 33.4N 110.9W 1085m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 722863, 723707 & 723811 for the years 1914-1970, 1914-1980 & 1914-1980. Corrected for a jump 1952/1953. Correction Factors: Stations used: 722863, 723707 & 723811. Calculation dates: 1914-1952 & 1953-1970. Correction dates: 1914-1952. Factors: -8 -8 -9 -7 -8 -7 -4 -8 -8 -9 -4 -7.

722800: YUMA USA 32.5N 114.6W 63m 1870-1977 80
Sources:

Notes: Reliability: compared with 722741, 722903 & 722975 for the years 1915-1977, 1899-1977 & 1880-1977. Several inhomogeneities evident in record.

722861: AVALON PLEASURE PIER USA 33.4N 118.3W 1910-1980 80
Sources:

Notes: Reliability: compared with 722867 & 722865 for the years 1914-1980 & 1910-1979. Record too warm early 20s & late 70s.

722862: BEAUMONT USA 33.9N 117.0W 792m 1888-1980 80
Sources:

Notes: Reliability: compared with 722867 & 722900 for the years 1914-1980 & 1888-1980. Station moved late 1940s & late 1950s.

722863: ROOSEVELT USA 33.7N 111.1W 672m 1905-1980 10 1910
Sources:

Notes: Reliability: compared with 723704 & 723744 for the years 1914-1970 & 1910-1970.

722864: SAN JACINTO USA 33.8N 117.0W 475m 1892-1980 80
Sources:

Notes: Reliability: compared with 722865, 722869 & 722950 for the years 1904-1979, 1914-1980 & 1904-1980.

722865: ESCONDIDO USA 33.1N 117.1W 200m 1894-1980 10 1895
Sources:

Notes: Reliability: compared with 722867, 722950 & 723822 for the years 1914-1979, 1895-1979 & 1895-1979.

722866: BLYTHE USA 33.6N 114.6W 81m 1909-1980 20 1909
Sources:

Notes: Reliability: compared with 723811, 722903 & 722975 for the years 1909-1980. Corrected for jumps 1918/1919, 1942/1943 & 1959/1960. Correction Factors: Stations used: 723811, 722903 & 722975. Calculation dates: 1909-1918 & 1960-1980, 1919-1942 & 1960-1980, 1943-1959 & 1960-1980. Correction dates: 1909-1918, 1919-1942 & 1943-1959. Factors: i) 1909-1918: 9 6 11 11 15 18 13 14 17 18 12 5. ii) 1919-1942: 3 0 -2 -2 3 6 3 0 1 3 5 1. iii) 1943-1959: -10 -9 -12 -11 -7 -6 -5 -8 -9 -11 -10 -10.

722867: YORBA LINDA USA 33.9N 117.8W 117m 1912-1980 10 1914
Sources:

Notes: Reliability: compared with 722900, 722955 & 722975 for the years 1914-1980, 1914-1977 & 1914-1980.

722897: SAN LUIS OBISPO USA 35.3N 120.7W 19m 1870-1930 60
Sources:

Notes: Reliability: uncheckable.

722900: SAN DIEGO USA 32.7N 117.2W 9m 1850-1980 10 1851
Sources:

Notes: Reliability: compared with 722867, 722955 & 722975 for the years 1914-1980, 1909-1977 & 1880-1980. Station moved after 1975, too short to correct so 1976-1980 has been coded as missing.

158

722903: CUYAMACA USA 33.0N 116.6W 1423m 1887-1980 20 1899
Sources:

Notes: Reliability: compared with 722800 & 722975 for the years 1899-1977 & 1899-1980. Corrected for discontinuity 1908/1909. Correction Factors: Stations used: 722975. Calculation dates: 1899-1908 & 1909-1980. Correction dates: 1899-1908. Factors: 13 21 21 24 24 21 18 23 22 12 15 15.

722950: LOS ANGELES USA 34.1N 118.2W 95m 1894-1980 10 1894
Sources:

Notes: Reliability: compared with 723821, 722970 & 722867 for the years 1894-1980, 1894-1977 & 1914-1980.

722955: WARNER SPRINGS USA 33.3N 116.6W 969m 1906-1977 20 1909
Sources:

Notes: Reliability: compared with 722867 & 722900 for the years 1914-1977 & 1909-1977. Corrected for station move 1928/1929. Correction Factors: Stations used: 722867 & 722900. Calculation dates: 1914-1928 & 1929-1975. Correction dates: 1909-1928. Factors: -22 -22 -20 -18 -13 -21 -21 -21 -23 -25 -22 -17.

722970: LONG BEACH/CA USA 33.7N 118.5W 12m 1877-1977 80
Sources:

Notes: Reliability: compared with 723911 & 722950 for the years 1909-1977 & 1894-1977. Record too cold early 1960s.

722975: INDIO USA 33.7N 116.3W 3m 1877-1980 10 1880
Sources:

Notes: Reliability: compared with 722800 & 722903 for the years 1880-1977 & 1899-1980.

723040: CAPE HATTERAS USA 35.3N 75.7W 3m 1875-1980 10 1875
Sources:

Notes: Reliability: compared with 723060 & 723092 for the years 1887-1980 & 1875-1980.

723060: RALEIGH USA 35.9N 78.8W 122m 1866-1980 20 1887
Sources:

Notes: Reliability: compared with 723092 & 723040 for the years 1887-1980. Corrected for station move Mar 1965. Correction Factors: Stations used: 723092 & 723040. Calculation dates: 1910-1964 & 1966-1980. Correction dates: 1887-Mar 1965. Factors: -9 -6 -5 -4 -10 -9 -5 -3 -4 -9 0 -6.

723082: WELDON USA 36.4N 77.6W 25m 1872-1971 80
Sources:

Notes: Reliability: compared with 723091 & 723060 for the years 1882-1971 & 1887-1971.

723091: FLORENCE USA 34.2N 79.7W 45m 1882-1980 10 1887
Sources:

Notes: Reliability: compared with 723060 for the years 1887-1980.

723092: WILMINGTON USA 34.3N 77.9W 9m 1871-1980 10 1871
Sources:

Notes: Reliability: compared with 723040 & 723060 for the years 1875-1980 & 1887-1980.

723100: COLUMBIA USA 34.0N 81.1W 74m 1836-1980 52
Sources:

Notes: Reliability: compared with 723120, 723140 & 723150 for the years 1884-1980, 1878-1980 & 1903-1980. Several site changes after 1950 produce progressively warmer temp.

159

723120: GREENVILLE USA 34.9N 82.2W 292m 1884-1980 70 1908
Sources:

Notes: Reliability: compared with 723140, 723150 & 723100 for the years 1884-1980, 1903-1980 & 1884-1980. 1907/1908 discontinuity is not correctable.

723140: CHARLOTTE USA 35.2N 80.7W 224m 1878-1980 10 1879
Sources:

Notes: Reliability: compared with 723120, 723150 & 723100 for the years 1884-1980, 1903-1980 & 1879-1980.

723150: ASHEVILLE USA 35.6N 82.5W 661m 1903-1980 20 1903
Sources:

Notes: Reliability: compared with 723120 & 723140 for the years 1903-1980. Corrected for site change 1930/1931 & height change 1967/1968. Correction Factors: Stations used: 723120 & 723140. Calculation dates: 1908-1930 & 1968-1980, 1931-1967 & 1968-1980. Correction dates: 1903-1930 & 1931-1967. Factors: i) 1903-1930: 2 8 8 6 9 9 7 5 7 9 8 7. ii) 1931-1967: 2 6 8 4 6 6 2 2 5 7 8 5.

723231: FLORENCE/ALI USA 34.8N 87.7W 176m 1884-1977 82
Sources:

Notes: Reliability: compared with 723240 for the years 1890-1977.

723240: CHATTANOOGA USA 35.0N 85.2W 203m 1879-1980 10 1879
Sources:

Notes: Reliability: compared with 723270 & 723287 for the years 1879-1980 & 1939-1970.

723270: NASHVILLE USA 36.1N 86.7W 180m 1871-1980 20 1872
Sources:

Notes: Reliability: compared with 723240 & 723287 for the years 1879-1980 & 1939-1970. Corrected for move to airport Aug 1964. Correction Factors: Stations used: 723240 & 723287. Calculation dates: 1939-1963 & 1965-1970. Correction dates: 1872-Aug 1964. Factors: 9 8 8 3 6 4 4 3 4 5 6 4.

723287: LEWISBURG USA 35.5N 86.8W 240m 1939-1970 10 1939
Sources:

Notes: Reliability: compared with 723240 & 723270 for the years 1939-1970.

723340: MEMPHIS USA 35.1N 90.0W 79m 1871-1980 20 1871
Sources:

Notes: Reliability: compared with 723346, 723380 & 723400 for the years 1871-1980, 1871-1980 & 1880-1980. Corrected for move to Municipal Airport April 1941 from 35 09'N 90 03'W to 35 03'N 89 59'W & move to International Airport April 1973 from 35 03'N 89 59'W, to 35 03'N 90 00'W. Correction Factors: Stations used: 723380, 722480 & 723440. Calculation dates; 1900-1940 & 1974-1980, 1942-1972 & 1974-1980. Correction dates: 1871-Mar 1941 & April 1941-April 1973. Factors: i) 1871-Mar 1941: 10 8 11 9 8 9 12 13 8 5 8 10. ii) April 1941-April 1973: 12 10 12 10 8 8 11 13 12 11 12 13.

723346: KNOXVILLE USA 35.8N 89.8W 299m 1854-1980 20 1871
Sources:

Notes: Reliability: compared with 723340, 723380 & 723400 for the years 1871-1980, 1871-1980 & 1880-1980. Corrected for move 1885/1886. Move to Municipal Airport 1941/1942 small & not worth correcting. Correction Factors: Stations used: 723380, 722480 & 723440. Calculation dates: 1871-1885 & 1886-1980. Correction dates: 1871-1885. Factors: 6 6 14 10 7 8 8 11 8 5 5 7.

723380: CAIRO USA 37.0N 89.2W 96m 1871-1980 10 1871
Sources:

Notes: Reliability: compared with 723400 & 723346 for the years 1880-1980 & 1871-1980.

723400: LITTLE ROCK USA 34.8N 92.3W 1880-1980 80
Sources:

Notes: Reliability: compared with 722480, 723530 & 723440 for the years 1880-1980, 1890-1980 & 1882-1980.

723440: FORT SMITH USA 35.3N 94.4W 136m 1878-1980 10 1882
Sources:

Notes: Reliability: compared with 722480 & 723530 for the years 1882-1980 & 1890-1980.

723445: FAYETTEVILLE/DRAKE USA 36.1N 94.2W 387m 1945-1970 10 1945
Sources:

Notes: Reliability: compared with 723530 for the years 1945-1970.

723493: WOODWARD USA 36.4N 99.4W 579m 1888-1980 72 1920
Sources:

Notes: Reliability: compared with 723521 & 723530 for the years 1895-1977.

723521: MANGUM USA 34.8N 99.4W 463m 1892-1980 12 1893
Sources:

Notes: Reliability: compared with 723494 & 723530 for the years 1895-1977 & 1895-1980.

723530: OKLAHOMA CITY USA 35.4N 97.6W 392m 1890-1980 40 160
Sources:

Notes: Reliability: compared with 723521, 723493 & 722480 for the years 1895-1980, 1895-1977 & 1890-1980. Record shows urban warming of about 2C.

723600: CLAYTON USA 36.5N 103.1W 1515m 1909-1980 20 1909
Sources:

Notes: Reliability: compared with 723647 & 723609 for the years 1910-1970 & 1909-1980. Corrected for jump 1934/1935. Correction Factors: Stations used: 723647 & 723609. Calculation dates: 1910-1934 & 1935-1970. Correction dates: 1909-1934. Factors: -9 -12 -12 -11 -10 -7 -6 -4 -5 -5 -8 -6.

723601: AZTEC USA 36.8N 108.0W 1719m 1910-1980 20 1919
Sources:

Notes: Reliability: compared with 723655 & 723602 for the years 1919-1980. Corrected for a jump 1971/1972. Correction Factors: Stations used: 723655 & 723602. Calculation dates: 1919-1971 & 1972-1980. Correction dates: 1919-1971. Factors: -11 -11 -6 -7 -10 -8 -2 -4 -7 -11 -11 -17.

723602: BLOOMFIELD USA 36.7N 108.0W 1757m 1904-1980 10 1904
Sources:

Notes: Reliability: compared with 723601 & 723654 for the years 1919-1980 & 1904-1966.

723603: PORTALES USA 34.2N 103.4W 1222m 1909-1980 10 1911
Sources:

Notes: Reliability: compared with 722685 & 723609 for the years 1911-1980.

723604: TRES PIEDRAS USA 36.7N 106.0W 2475m 1905-1980 10 1905
Sources:

Notes: Reliability: compared with 723606 & 723607 for the years 1905-1979 & 1912-1979.

723605: RED RIVER USA 36.7N 105.4W 2645m 1906-1980 80
Sources:

Notes: Reliability: compared with 723608 & 723652 for the years 1909-1980.

723606: TAOS USA 36.4N 105.6W 2117m 1901-1980 10 1901
Sources:

Notes: Reliability: compared with 723604 & 723607 for the years 1905-1979 & 1912-1980.

723607: WOLF CANYON USA 36.0N 106.8W 2484m 1912-1980 20 1912
Sources:

Notes: Reliability: compared with 723604 & 723606 for the years 1912-1979 & 1912-1980. Corrected for jump 1950/1951. Correction Factors: Stations used: 723604 & 723606. Calculation dates: 1912-1950 & 1951-1970. Correction dates: 1912-1950. Factors: 13 12 9 4 3 3 -2 0 4 5 12 10.

723608: SPRINGER USA 36.4N 104.6W 1785m 1887-1980 10 1904
Sources:

Notes: Reliability: compared with 723609 & 723652 for the years 1907-1980 & 1904-1980.

723609: SAN JON USA 35.1N 103.3W 1289m 1907-1980 10 1908
Sources:

Notes: Reliability: compared with 723603, 723653 & 723608 for the years 1911-9180, 1908-1980 & 1907-1980.

723630: AMARILLO USA 35.2N 101.7W 1115m 1892-1977 80
Sources:

Notes: Reliability: compared with 723600 & 723609 for the years 1909-1977 & 1907-1977.

723631: SANTA ROSA USA 35.0N 104.7W 1408m 1874-1980 82
Sources:

Notes: Reliability: compared with 723653 & 723659 for the years 1908-1980 & 1892-1980.

723647: GOODWELL USA 36.6N 101.7W 1005m 1910-1970 10 1910
Sources:

Notes: Reliability: compared with 724510 & 723600 for the years 1910-1970.

723650: ALBUQUERQUE USA 35.1N 106.6W 1619m 1850-1980 40
Sources:

Notes: Reliability: compared with 723662 & 723666 for the years 1893-1970 & 1902-1980.

723651: SILVERTON USA 37.8N 107.7W 2842m 1904-1980 80
Sources:

Notes: Reliability: compared with 724622, 724701, 724760 & 724763 for the years 1904-1980, 1915-1980, 1904-1980 & 1907-1970. Jump, 1933, not corrected.

723652: BELL USA 35.5N 104.1W 1371m 1899-1980 10 1904
Sources:

Notes: Reliability: compared with 723608 & 723609 for the years 1904-1980 & 1907-1980.

723653: FORT SUMNER USA 34.5N 104.3W 1228m 1908-1980 20 1908
Sources:

Notes: Reliability: compared with 723603 & 723609 for the years 1911-1980 & 1908-1980. Correction Factors: Stations used: 723603 & 723609. Calculation dates: 1911-1958 & 1959-1980. Correction dates: 1908-1958. Factors: -7 -9 -10 -7 -11 -13 -11 -13 -15 -9 -7 -9.

723654: FORT WINGATE USA 35.5N 108.5W 2134m 1864-1966 20 1904
Sources:

Notes: Reliability: compared with 723602 & 723601 for the years 1904-1966 & 1919-1966. Corrected for a jump 1950/1951. Correction Factors: Stations used: 723602 & 723601. Calculation dates: 1919-1950 & 1951-1966. Factors: -7 -11 -5 -4 -4 -4 -2 -4 -7 -5 -9 -5.

723655: ST. JOHNS USA 34.5N 109.4W 1746m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 723665 & 722699 for the years 1909-1980.

161

723656: CHAMA USA 36.9N 106.6W 2393m 1905-1980 80
Sources:

Notes: Reliability: compared with 723604 & 723606 for the years 1905-1979 & 1905-1980.

723657: CORONA USA 34.3N 105.6W 2031m 1909-1980 20 1912
Sources:

Notes: Reliability: compared with 723662 & 723666 for the years 1912-1970 & 1912-1980. Corrected for discontinuity 1954/1955. Correction Factors: Stations used: 723662 & 723666. Calculation dates: 1912-1954 & 1955-1980. Correction dates: 1912-1954. Factors: -16 -7 5 16 25 36 44 37 26 12 -11 -17.

723658: JEMEZ SPRINGS USA 35.8N 106.7W 1905m 1910-1980 80
Sources:

Notes: Reliability: compared with 723602 & 723654 for the years 1910-1980 & 1910-1966. Station moved 1921 & mid-1930, not corrected.

723659: LAS VEGAS USA 35.6N 105.2W 1972m 1887-1980 10 1892
Sources:

Notes: Reliability: compared with 723631 & 723653 for the years 1892-1980 & 1908-1980.

723660: SANTE FE USA 35.7N 105.9W 2195m 1849-1980 10 1849
Sources:

Notes: Reliability: compared with 723604, 723606 & 723662 for the years 1905-1977, 1901-1977 & 1889-1970. Many years data identical to 723667.

723661: MT. PARK USA 35.5N 105.8W 2067m 1912-1980 80
Sources:

Notes: Reliability: compared with 723662 for the years 1915-1970.

723662: LOS LUNAS USA 34.8N 106.7W 1489m 1889-1980 10 1890
Sources:

Notes: Reliability: compared with 723666 & 723664 for the years 1902-1970 & 1919-1970.

723663: LOGAN USA 35.4N 103.4W 1167m 1906-1960 80
Sources:

Notes: Reliability: compared with 723600 for the years 1909-1960.

723664: LOS ALAMOS USA 35.9N 106.3W 2259m 1919-1980 80
Sources:

Notes: Reliability: compared with 723662 & 723666 for the years 1919-1970 & 1919-1980.

723665: MAGDELENA USA 34.1N 107.2W 1993m 1905-1980 10 1906
Sources:

Notes: Reliability: compared with 722699 & 722697 for the years 1906-1980.

723666: MOUNTAIN AIR USA 34.5N 106.3W 1987m 1902-1980 10 1902
Sources:

Notes: Reliability: compared with 723662 & 723664 for the years 1902-1970 & 1919-1980.

723667: SANTA FE USA 35.7N 106.0W 2073m 1850-1980 80
Sources:

Notes: Reliability: compared with 723604, 723606 & 723662 for the years 1905-1979, 1901-1980 & 1889-1970. Many years data identical to 723660.

723701: ASHFORK USA 35.2N 112.5W 1588m 1909-1980 10 1918 162
Sources:

Notes: Reliability: compared with 723705 & 723780 for the years 1916-1980.

723702: FORT VALLEY USA 35.3N 111.7W 2239m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 723741 & 723740 for the years 1909-1980. Feb & Mar 1979 data wrong & have been coded as missing.

723703: PAYSON R. S. USA 34.2N 111.3W 1478m 1909-1980 80
Sources:

Notes: Reliability: compared with 723704 & 723713 for the years 1914-1970 & 1909-1980.

723704: NATURAL BRIDGE USA 34.3N 111.5W 1404m 1890-1970 10 1914
Sources:

Notes: Reliability: compared with 723713 & 723744 for the years 1914-1970.

723705: SELIGMAN USA 35.3N 112.9W 1600m 1904-1980 10 1904
Sources:

Notes: Reliability: compared with 723707, 723701 & 723780 for the years 1904-1980, 1916-1980 & 1904-1980.

723706: WILLIAMS USA 35.3N 112.2W 2057m 1902-1980 10 1947
Sources:

Notes: Reliability: compared with 723702, 723741 & 723701 for the years 1909-1980, 1904-1980 & 1916-1980.

723707: PRESCOTT USA 34.6N 112.6W 1679m 1866-1980 10 1898
Sources:

Notes: Reliability: compared with 723811 & 723705 for the years 1908-1980 & 1904-1980.

723713: FLAGSTAFF USA 35.1N 111.7W 2135m 1888-1980 10 1891
Sources:

Notes: Reliability: compared with 723704 & 723744 for the years 1914-1970 & 1910-1980.

723740: WINSLOW USA 35.0N 110.7W 1492m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 723741 & 723702 for the years 1909-1980. 1936 appears wrong & has been coded as missing.

723741: HOLBROOK USA 34.9N 110.2W 1545m 1890-1980 10 1909
Sources:

Notes: Reliability: compared with 723702 & 723740 for the years 1909-1980.

723742: PARKER USA 34.2N 114.3W 129m 1893-1980 80
Sources:

Notes: Reliability: compared with 722866 & 723861 for the years 1914-1980.

723744: SNOWFLAKE USA 34.5N 110.1W 1720m 1910-1980 10 1910
Sources:

Notes: Reliability: compared with 723704 & 723713 for the years 1914-1970 & 1910-1980.

723745: SPRINGERVILLE USA 34.1N 109.3W 2152m 1911-1980 20 1911
Sources:

Notes: Reliability: compared with 723655 & 723744 for the years 1911-1980. Corrected for a discontinuity. Correction Factors: Stations used: 723655 & 723744. Calculation dates: 1911-1968 & 1969-1980. Correction dates: 1911-1968. Factors: -7 -6 -9 -10 -13 -16 -9 -4 -7 -14 -15 -10.

723780: GRAND CANYON USA 36.1N 112.1W 2118m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 723701 & 723705 for the years 1916-1980 & 1904-1980.

723811: WICKENBURG USA 34.0N 112.7W 638m 1908-1980 10 1908
Sources:

Notes: Reliability: compared with 723707 & 723705 for the years 1908-1980.

723821: SAN BERNARDINO USA 34.1N 117.3W 357m 1870-1980 10 1891
Sources:

Notes: Reliability: compared with 722865 & 723822 for the years 1895-1979 & 1895-1980.

723822: REDLANDS USA 34.1N 117.2W 412m 1889-1980 20 1893
Sources:

Notes: Reliability: compared with 722865 & 723821 for the years 1895-1970 & 1895-1980. Corrected for a discontinuity about 1916/1917. Correction Factors: Stations used: 722865 & 723821. Calculation dates: 1895-1916 & 1917-1980. Correction dates: 1893-1916. Factors: -7 -4 -4 -4 2 -1 0 -2 -4 -4 -6 -6.

723860: LAS VEGAS USA 36.1N 115.2W 664m 1937-1980 10 1937
Sources:

Notes: Reliability: compared with 723861 & 724872 for the years 1937-1980.

723861: SEARCHLIGHT USA 35.5N 114.9W 1079m 1913-1980 12 1913
Sources:

Notes: Reliability: compared with 723860 & 723871 for the years 1937-1980 & 1913-1970.

723871: BEATTY USA 36.9N 116.8W 1006m 1913-1970 12 1913
Sources:

Notes: Reliability: compared with 723861 & 723860 for the years 1915-1970 & 1937-1970.

723890: FRESNO USA 36.8N 119.7W 100m 1875-1980 10 1887
Sources:

Notes: Reliability: compared with 723892 & 723898 for the years 1901-1980 & 1899-1980.

723892: HANFORD USA 36.3N 119.7W 75m 1899-1980 10 1901
Sources:

Notes: Reliability: compared with 723890 & 723898 for the years 1901-1980.

723893: HOLLISTER USA 36.8N 121.4W 85m 1874-1974 20 1875
Sources:

Notes: Reliability: compared with 724813, 724814 & 724812 for the years 1874-1974, 1901-1974 & 1874-1974. Corrected for moves 1937/1938 & 1957/1958. Correction Factors: Stations used: 723890 & 723892. Calculation dates: 1910-1937 & 1958-1974, 1938-1957 & 1958-1974. Correction dates: 1874-1937 & 1938-1957. Factors: i) 1874-1937: 7 6 -1 -1 -6 -2 4 7 4 1 0 6. ii) 1938-1957: -7 -11 -16 -14 -19 -19 -13 -15 -13 -15 -18 -10.

723895: INDEPENDENCE USA 36.8N 118.2W 1202m 1892-1980 80
Sources:

Notes: Reliability: compared with 723896 & 723898 for the years 1910-1980. Record shows warming trend 1940-1980.

723896: VISALIA USA 36.3N 119.3W 99m 1878-1980 20 1888
Sources:

Notes: Reliability: compared with 723890 & 723898 for the years 1888-1980 & 1899-1980. Corrected for a jump 1916/1917. Correction Factors: Stations used: 723890 & 723898. Calculation dates: 1899-1916 & 1930-1980. Correction dates: 1888-1916. Factors: 8 7 14 12 17 14 9 13 14 12 9 3.

723898: LEMON COVE USA 36.4N 119.0W 156m 1899-1980 20 1899
Sources:

Notes: Reliability: compared with 723890, 723892 & 723896 for the years 1899-1980, 1901-1980 & 1899-1980. Record too cold 1923-1929. Correction Factors: Stations used: 723890, 723892 & 723896. Calculation dates: 1917-1922 & 1930-1980, 1923-1929 & 1930-1980. Correction dates: 1899-1922 & 1923-1929. Factors: i) 1899-1922: -1 3 2 1 2 6 3 7 10 3 -6 -7. ii) 1923-1929: 13 13 14 9 9 11 8 12 15 25 24 16.

723899: PORTERVILLE USA 36.1N 119.0W 119m 1889-1980 80
Sources:

Notes: Reliability: compared with 723896 & 723898 for the years 1902-1980. Jumps to warmer periods 1955 & 1964.

723911: OJAI USA 34.5N 119.3W 228m 1905-1980 20 1909
Sources:

Notes: Reliability: compared with 722950 & 722867 for the years 1909-1980 & 1914-1980. Correction Factors: Stations used: 722950. Calculation dates: 1909-1933 & 1940-1960, 1934-1939 & 1940-1960. Correction dates: 1909-1933 & 1934-1939. Factors: i) 1909-1933: 0 -2 2 5 -2 -5 -8 -8 -5 -3 1 0. ii) 1934-1939: 12 9 10 16 11 7 3 2 7 9 23 10.

723940: SANTA MARIA USA 34.9N 120.5W 73m 1961-1980 10 1961
Sources:

Notes: Reliability: compared with 723911 for the years 1961-1980.

724010: RICHMOND USA 37.5N 77.4W 50m 1911-1950 10 1911
Sources:

Notes: Reliability: compared with 724050 & 724100 for the years 1911-1950.

724041: PRINCESS ANNE USA 38.2N 75.7W 6m 1823-1980 12 1894
Sources:

Notes: Reliability: compared with 724050 & 724070 for the years 1825-1980 & 1874-1980.

724050: WASHINGTON NATIONAL USA 38.9N 77.0W 20m 1820-1980 40
Sources:

Notes: Reliability: compared with 724041 for the years 1825-1980.

724057: WOODSTOCK USA 39.3N 76.9W 126m 1928-1970 10 1928
Sources:

Notes: Reliability: compared with 724041 for the years 1928-1970.

724070: ATLANTIC CITY USA 39.5N 74.6W 3m 1874-1980 20 1884
Sources:

Notes: Reliability: compared with 724041 & 724050 for the years 1874-1980. Corrected for a discontinuity 1969/1970. Correction Factors: Stations used: 724041. Calculation dates: 1970-1980. Correction dates: 1884-1969. Factors: 3 6 6 5 -3 -4 -2 -5 -12 -7 -8 -6.

724080: PHILADELPHIA USA 40.0N 75.2W 1758-1970 62
Sources:

Notes: Reliability: uncheckable.

724100: LYNCHBURG/ F GLENN USA 37.3N 79.2W 286m 1871-1977 20 1895
Sources:

Notes: Reliability: compared with 724057, 724270 & 723091 for the years 1928-1970, 1889-1970 & 1882-1977. Corrected for discontinuity 1943/1944. Correction Factors: Stations used: 724057, 724270 & 723091. Calculation dates: 1928-1943 & 1944-1970. Correction dates: 1902-1943. Factors: -9 -14 -10 -7 -13 -9 -10 -8 -10 -8 -9 -11.

164

724140: CHARLESTON USA 38.4N 81.6W 310m 1885-1980 20 1902
Sources:

Notes: Reliability: compared with 724220 & 724270 for the years 1902-1980 & 1902-1970. Corrected for two discontinuities. Correction Factors: Stations used: 724220 & 724270. Calculation dates: 1905-1920 & 1937-1970, 1921-1936 & 1937-1970. Correction dates: 1902-1920 & 1921-1936. Factors: i) 1902-1920: -23 -22 -17 -12 -8 -11 -6 -6 -6 -9 -12 -25. ii) 1921-1936: -7 -13 -6 -4 -5 -4 -5 -3 -6 -4 -6 -7.

724210: CINCINNATI USA 39.1N 84.5W 267m 1871-1977 70 1885
Sources:

Notes: Reliability: compared with 724280 for the years 1878-1977.

724220: LEXINGTON USA 38.0N 84.6W 294m 1858-1980 10 1887
Sources:

Notes: Reliability: compared with 724270 & 724271 for the years 1889-1970 & 1884-1980.

724230: LOUISVILLE USA 38.2N 85.7W 145m 1858-1980 10 1872
Sources:

Notes: Reliability: compared with 724320, 724370 & 724380 for the years 1897-1980, 1895-1980 & 1872-1980.

724270: PARKERSBURG USA 39.3N 81.6W 189m 1885-1970 70 1900
Sources:

Notes: Reliability: compared with 724220 & 724271 for the years 1889-1970.

724271: MCCONNELSVILLE USA 39.7N 81.9W 201m 1884-1980 20 1884
Sources:

Notes: Reliability: compared with 724220 & 724270 for the years 1884-1980 & 1889-1970. Corrected for discontinuities 1928/1929 & 1952/1953. Correction Factors: Stations used: 724270. Calculation dates: 1900-1927 & 1953-1970, 1928-1952 & 1953-1970. Correction dates: 1884-1927 & 1928-1952. Factors: i) 1884-1927: -3 -6 -6 -4 3 5 6 7 5 1 -1 -3. ii) 1928-1952: -12 -13 -13 -8 -6 -1 0 -1 -3 -7 -5 -8.

724273: CUMBERLAND USA 39.7N 78.8W 213m 1871-1980 80
Sources:

Notes: Reliability: compared with 724010 & 724050 for the years 1911-1950 & 1871-1980. Record shows several inhomogeneities.

724280: COLUMBUS USA 40.0N 82.9W 247m 1878-1980 20 1878
Sources:

Notes: Reliability: compared with 724220, 724210 & 724270 for the years 1878-1980, 1878-1977 & 1889-1970. Corrected for jump 1972/1973. Record also has slight discontinuity 1927/1928 but not considered worth correcting. Correction Factors: Stations used: 724220 & 724210. Calculation dates: 1930-1972 & 1973-1977. Correction dates: 1878-1972. Factors: -10 -15 -3 -5 -5 -5 -5 -4 -6 -9 -7 -6.

724290: DAYTON USA 39.9N 84.2W 306m 1961-1980 62
Sources:

Notes: Reliability: compared with 724280 for the years 1961-1980 but considered uncheckable.

724320: EVANSVILLE USA 38.1N 87.5W 116m 1877-1980 20 1897
Sources:

Notes: Reliability: compared with 724230 for the years 1897-1980. Corrected for move to Airport Aug 1940. Correction Factors: Stations used: 724230. Calculation dates: 1897-1939 & 1941-1980. Correction dates: 1897-July 1940. Factors: -7 -5 -3 -4 -4 -3 -2 -6 -7 -7 -7 -8.

724340: ST. LOUIS USA 38.6N 90.2W 172m 1836-1980 20 1906
Sources:

Notes: Reliability: compared with 724400 & 724450 for the years 1888-1980 & 1889-1980. Jumps 1939/1940 & 1960/1961. Suspected move 1905/1906. Correction Factors: Stations used: 724400 & 724450. Calculation dates: 1905-1960 & 1961-1980. Correction dates: 1836-1960. Factors: -9 -12 -2 -3 -5 -5 -7 -6 -4 -6 -4 -8.

724370: TERRE HAUTE USA 39.5N 87.3W 169m 1875-1980 20 1893
Sources:

Notes: Reliability: compared with 724230 for the years 1895-1980. Corrected for move to Airport Feb 1947. Correction Factors: Stations used: 724230. Calculation dates: 1900-1946 & 1948-1980. Correction dates: 1893-Feb 1947. Factors: -11 -10 -10 -7 -6 -3 -8 -8 -3 -1 -6 -10.

724372: HANNIBAL USA 39.7N 91.4W 217m 1854-1980 20 1892
Sources:

Notes: Reliability: compared with 725405 & 725460 for the years 1892-1980. Prior to 1938 record too warm, may be due to changing observation times. Correction Factors: Stations used; 725405 & 725460. Calculation dates: 1939-1980. Correction dates: 1892-1938. Factors: -9 -3 -6 -3 -7 -7 -6 -9 -6 -7 -6 -8.

724380: INDIANAPOLIS USA 39.7N 86.3W 241m 1861-1980 80
Sources:

Notes: Reliability: compared with 724230 for the years 1872-1980. Record shows trends & station moved 1963/1964.

724390: SPRINGFIELD/ILI USA 39.8N 89.7W 179m 1879-1980 20 1879
Sources:

Notes: Reliability: compared with 724400 & 724372 for the years 1888-1980 & 1892-1980. Corrected for jumps 1939/1940 & 1953/1954. Correction Factors: Stations used: 724400. Calculation dates: 1900-1939 & 1954-1980, 1940-1953 & 1954-1980. Correction dates: 1879-1939 & 1940-1953. Factors: i) 1879-1939: -6 -6 -1 1 -4 0 -10 -8 0 1 4 -4. ii) 1940-1953: -17 -11 -13 -5 -11 -8 -15 -17 -11 -11 -7 -10.

724400: SPRINGFIELD USA 37.2N 93.4W 386m 1877-1980 10 1888
Sources:

Notes: Reliability: compared with 724390 & 724372 for the years 1888-1980 & 1892-1980.

724450: COLUMBIA USA 38.8N 92.2W 270m 1879-1980 10 1889
Sources:

Notes: Reliability: compared with 724460 & 724560 for the years 1889-1980.

724460: KANSAS CITY USA 39.3N 94.7W 297m 1870-1980 20 1889
Sources:

Notes: Reliability: compared with 724450 & 724560 for the years 1889-1980. Corrected for move 1972/1973. Correction Factors: Stations used: 724560. Calculation dates: 1958-1972 & 1973-1980. Correction dates: 1889-1972. Factors: -11 -12 -13 -14 -15 -13 -7 -13 -15 -15 -12 -12.

724490: ST. JOSEPH USA 39.8N 94.9W 247m 1869-1980 80
Sources:

Notes: Reliability: compared with 724460 for the years 1910-1980.

724500: WICHITA USA 37.7N 97.4W 403m 1888-1980 20 1888
Sources:

Notes: Reliability: compared with 724510 & 724640 for the years 1888-1980 & 1889-1980. Corrected for a jump 1966/1967. Correction Factors: Stations used: 724510. Calculation dates: 1900-1966 & 1967-1980. Correction dates: 1888-1966. Factors: -6 -12 -2 -5 -3 -6 -3 -3 -4 -7 -5 -7.

724510: DODGE CITY USA 37.8N 100.0W 787m 1874-1980 10 1874
Sources:

Notes: Reliability: compared with 724500 & 724580 for the years 1888-1980 & 1888-1970.

724560: TOPEKA USA 39.1N 95.6W 267m 1878-1980 20 1887
Sources:

Notes: Reliability: compared with 724450 & 724460 for the years 1889-1980. Corrected for move to Airport 1957/1958. Correction Factors: Stations used: 724460. Calculation dates: 1900-1957 & 1958-1972. Correction dates: 1887-1957. Factors: -8 -7 -6 -10 -11 -10 -10 -11 -11 -13 -10 -8.

724580: CONCORDIA/BLOSSER/KS USA 39.6N 97.7W 452m 1886-1970 20 1886
Sources:

Notes: Reliability: compared with 724500, 724510 & 725507 for the years 1888-1970, 1886-1970 & 1894-1970. Corrected for a jump 1962-1963. Correction Factors: Stations used: 724510 & 725507. Calculation dates: 1900-1962 & 1963-1970. Correction dates: 1886-1962. Factors: -7 -8 -2 -9 -7 -9 -8 -6 -6 -5 -6 -4.

724622: DURANGO USA 37.3N 107.9W 1996m 1894-1980 10 1894
Sources:

Notes: Reliability: compared with 723651 & 724701 for the years 1904-1980 & 1915-1980.

724640: PUEBLO USA 38.3N 104.5W 1428m 1869-1980 10 1890
Sources:

Notes: Reliability: compared with 724666, 724681 & 724510 for the years 1889-1980, 1906-1980 & 1889-1980.

724666: LAS ANIMAS USA 38.1N 103.2W 1186m 1862-1980 80
Sources:

Notes: Reliability: compared with 724640 & 724681 for the years 1889-1980 & 1906-1980.

724681: CANON CITY USA 38.4N 105.3W 1628m 1906-1980 10 1906
Sources:

Notes: Reliability: compared with 724640 & 724666 for the years 1906-1980.

724682: CHEESMAN USA 39.2N 105.3W 2096m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 724690 for the years 1905-1980.

166

724690: DENVER USA 39.8N 105.0W 1625m 1872-1980 40
Sources:

Notes: Reliability: compared with 724682 for the years 1905-1980. Record shows urban warming of about 1.5C 1910-1970.

724694: IDAHO SPRINGS USA 39.8N 105.5W 2303m 1905-1970 20 1905
Sources:

Notes: Reliability: compared with 724682 & 724690 for the years 1905-1970. Corrected for discontinuities 1921 & 1937. Correction Factors: Stations used: 724682. Calculation dates: 1905-1921 & 1939-1970, 1922-1938 & 1939-1970. Correction dates: 1905-1921 & 1922-1938. Factors: i) 1905-1921: 6 -2 -3 -6 -8 -10 -3 0 -1 1 6 0. ii) 1922-1938: 15 14 10 8 6 9 16 10 6 13 12 9.

724696: LEADVILLE USA 39.2N 106.3W 3062m 1908-1979 80
Sources:

Notes: Reliability: compared with 724682 & 724690 for the years 1909-1979 & 1908-1979. Record shows several discontinuities including 1920 & 1940.

724701: BLANDING USA 37.6N 109.5W 1840m 1905-1980 10 1915
Sources:

Notes: Reliability: compared with 723651 & 724622 for the years 1915-1980.

724702: FILLMORE USA 39.0N 112.3W 1573m 1892-1980 10 1892
Sources:

Notes: Reliability: compared with 724714 & 724708 for the years 1911-1980.

724703: EMERY USA 38.9N 111.3W 1890m 1901-1978 70 1906
Sources:

Notes: Reliability: compared with 724702 & 724708 for the years 1901-1978 & 1911-1978.

724704: GREEN RIVER USA 39.0N 110.1W 1237m 1901-1970 80
Sources:

Notes: Reliability: compared with 724702 & 724703 for the years 1901-1970.

724705: ROCKLIN USA 38.8N 121.3W 72m 1870-1976 70 1913
Sources:

Notes: Reliability: compared with 724880 & 724884 for the years 1902-1976.

724706: PIUTE DAM USA 38.3N 112.2W 1798m 1911-1970 20 1918
Sources:

Notes: Reliability: compared with 724702 & 724708 for the years 1918-1970. Corrected for a jump 1947/1948. Correction Factors: Stations used: 724702 & 724708. Calculation dates: 1922-1947 & 1948-1970. Correction dates: 1918-1947. Factors: 7 5 2 3 4 7 5 3 2 6 8 9.

724707: BEAVER USA 38.3N 112.6W 1804m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 724702 & 724714 for the years 1914-1980. Corrected for two discontinuities. Correction Factors: Stations used: 724702 & 724714. Calculation dates: 1914-1943 & 1967-1980, 1944-1966 & 1967-1980. Correction dates: 1914-1943 & 1944-1966. Factors: i) 1914-1943: 12 7 12 12 13 14 12 10 8 10 7 9. ii) 1944-1966: 5 2 4 4 6 7 8 3 3 8 5 6.

724708: HANKSVILLE USA 38.4N 110.7W 1313m 1910-1980 20 1911
Sources:

Notes: Reliability: compared with 724714 & 724702 for the years 1911-1980. Correction Factors: Stations used: 724714 & 724702. Calculation dates: 1911-1921 & 1922-1980. Correction dates: 1911-1921. Factors: 35 14 12 17 15 16 7 22 6 4 4 18.

167

724709: MORONI USA 39.5N 111.6W 1684m 1908-1980 10 1914
Sources:

Notes: Reliability: compared with 724702 & 724708 for the years 1914-1980.

724711: KANAB USA 37.1N 112.5W 1519m 1914-1980 80
Sources:

Notes: Reliability: compared with 724730 & 724801 for the years 1917-1980 & 1915-1980.

724712: LAKETOWN USA 41.8N 111.3W 1825m 1900-1980 10 1913
Sources:

Notes: Reliability: compared with 725757 for the years 1912-1980. First year is too warm.

724713: MOAB USA 38.6N 109.6W 1208m 1914-1980 80
Sources:

Notes: Reliability: compared with 724768 for the years 1914-1980. Suspected move 1943/1944.

724714: MILFORD USA 38.4N 113.0W 1532m 1911-1980 10 1911
Sources:

Notes: Reliability: compared with 724702 & 724708 for the years 1911-1980.

724730: MODENA USA 37.8N 113.9W 1664m 1901-1980 10 1917
Sources:

Notes: Reliability: compared with 724801 & 724711 for the years 1917-1980.

724760: GRAND JUNCTION USA 39.1N 108.5W 1476m 1885-1980 80
Sources:

Notes: Reliability: compared with 723651 & 724708 for the years 1904-1980 & 1911-1980.

724761: CRESTED BUTTE USA 38.9N 107.0W 2699m 1909-1980 20 1910
Sources:

Notes: Reliability: compared with 724682 for the years 1910-1980. Corrected for jump 1924/1925. Correction Factors: Stations used: 724682. Calculation dates: 1910-1924 & 1925-1940. Correction dates: 1910-1924. Factors: 20 6 4 13 15 15 12 25 15 6 6 14.

724762: COLLBRAN USA 39.2N 108.0W 1871m 1892-1980 80
Sources:

Notes: Reliability: compared with 723651 & 724708 for the years 1904-1980 & 1911-1980. Jump in 1948, not corrected. Oct 1929 probably wrong & coded as missing.

724763: DELTA USA 38.8N 108.1W 1541m 1888-1980 80
Sources:

Notes: Reliability: compared with 723651 & 724708 for the years 1907-1970 & 1911-1970. Jump 1950 has not been corrected.

724764: GLENWOOD SPRINGS USA 39.6N 107.3W 1775m 1901-1980 20 1910
Sources:

Notes: Reliability: compared with 724682 & 724762 for the years 1910-1980. Corrected for a jump 1918/1919. Correction Factors: Stations used: 724682. Calculation dates: 1910-1918 & 1919-1940. Correction dates: 1910-1918. Factors: 24 12 15 11 16 21 22 21 14 15 17 11.

724765: MONTROSE NO. 2 USA 38.5N 107.9W 1777m 1885-1980 70 1911
Sources:

Notes: Reliability: compared with 724760, 724763 & 724708 for the years 1904-1980, 1907-1970 & 1911-1980. Early years are too cold.

724766: THOMPSONS USA 39.0N 109.7W 1570m 1914-1980 80
Sources:

Notes: Reliability: compared with 724702 for the years 1914-1980.

724767: FRUITA USA 39.2N 108.7W 1374m 1902-1980 80
Sources:

Notes: Reliability: compared with 724703 & 724708 for the years 1902-1978 & 1911-1980.

724768: MANTI USA 39.3N 111.6W 1749m 1894-1980 70 1901
Sources:

Notes: Reliability: compared with 724702 & 724708 for the years 1894-1980 & 1911-1980.

724769: LAKE SPAULDING USA 39.3N 120.6W 1571m 1895-1980 80
Sources:

Notes: Reliability: compared with 724884 for the years 1914-1979.

724801: ALTON USA 37.4N 112.5W 2146m 1915-1980 10 1915
Sources:

Notes: Reliability: compared with 724711 & 724730 for the years 1915-1980 & 1917-1980.

724802: MINA USA 38.4N 118.1W 1387m 1896-1980 10 1906
Sources:

Notes: Reliability: compared with 724886 for the years 1911-1980.

724810: MERCED USA 37.3N 120.5W 46m 1872-1980 20 1891
Sources:

Notes: Reliability: compared with 723890 & 723892 for the years 1891-1980 & 1901-1980. Correction Factors: Stations used: 723890 & 723892. Calculation dates: 1950-1980. Correction dates: 1891-1950. Factors: 7 8 10 7 5 3 6 7 5 7 9 5.

724811: OAKDALE USA 37.9N 120.9W 67m 1893-1967 10 1932
Sources:

Notes: Reliability: compared with 723890 for the years 1908-1967.

724812: SAN JOSE USA 37.4N 121.9W 20m 1874-1980 20 1905
Sources:

Notes: Reliability: compared with 723890 & 723891 for the years 1887-1980 & 1901-1980. Correction Factors: Stations used: 723890 & 723891. Calculation dates: 1940-1980. Correction dates: 1905-1939. Factors: 2 -1 -3 -4 -8 -5 -4 1 -5 -7 2 3.

724813: SANTA CRUZ USA 37.0N 122.0W 39m 1873-1980 20 1874
Sources:

Notes: Reliability: compared with 724814, 724812 & 723893 for the years 1901-1976, 1874-1976 & 1874-1974. Correction Factors: Stations used: 724814. Calculation dates: 1901-1944 & 1945-1976. Correction dates: 1874-1944. Factors: -5 -5 -10 -13 -10 -8 -7 -9 -8 -6 -5 -6.

724814: SANTA CLARA USA 37.4N 121.8W 27m 1881-1976 10 1901
Sources:

Notes: Reliability: compared with 724813 & 724812 for the years 1901-1976.

724829: COLFAX USA 39.1N 121.0W 737m 1870-1980 10 1891
Sources:

Notes: Reliability: compared with 724831 & 724832 for the years 1916-1975 & 1916-1980. June 1905 wrong & has been coded as missing.

724830: SACRAMENTO CITY USA 38.6N 121.5W 6m 1850-1980 20 1853
Sources:

Notes: Reliability: compared with 724831 & 724832 for the years 1916-1975 & 1916-1980. Corrected for moves 1949/1950 & 1964/1965. Correction Factors: Stations used: 724831 & 724832. Calculation dates: 1924-1949 & 1965-1975, 1950-1964 & 1965-1975. Correction dates: 1852-1949 & 1950-1964. Factors: i) 1852-1949: 10 11 11 13 16 16 15 14 12 8 11 13. ii) 1950-1964: 4 8 5 6 8 10 11 8 8 3 6 6.

724831: ANTIOCH USA 38.0N 121.8W 9m 1879-1980 70 1924
Sources:

Notes: Reliability: compared with 724829 & 724832 for the years 1916-1975. Move indicated, but not corrected, 1923/1924.

724832: AUBURN USA 38.9N 121.1W 414m 1871-1980 10 1916
Sources:

Notes: Reliability: compared with 724831 & 724829 for the years 1916-1975 & 1916-1980.

724833: HEALDSBURG USA 38.6N 122.9W 35m 1877-1980 80
Sources:

Notes: Reliability: compared with 724832 for the years 1916-1980.

724834: NAPA STATE HOSP. USA 38.3N 122.3W 18m 1876-1980 20 1876
Sources:

Notes: Reliability: compared with 724832, 724835 & 723838 for the years 1916-1980, 1876-1980 & 1876-1978. Corrected for move 1939/1940. 1892/1893 move not corrected. Correction Factors: Stations used: 724832. Calculation dates: 1916-1939 & 1940-1980. Correction dates: 1876-1939. Factors: 2 5 12 9 15 16 14 13 7 6 9 8.

724835: CHICO EXP. STA. USA 39.7N 121.8W 70m 1870-1980 80
Sources:

Notes: Reliability: compared with 724832 for the years 1916-1980.

724836: PLACERVILLE USA 38.7N 120.8W 576m 1874-1980 10 1892
Sources:

Notes: Reliability: compared with 723838 & 724834 for the years 1890-1978 & 1890-1980.

169

724837: PETALUMA USA 38.2N 122.6W 3m 1913-1980 70 1920
Sources:

Notes: Reliability: compared with 724838 for the years 1913-1978. Move indicated 1919/1920, not corrected.

724838: LIVERMORE USA 37.7N 121.8W 149m 1871-1980 10 1883
Sources:

Notes: Reliability: compared with 724832 & 724834 for the years 1916-1978 & 1876-1978. 1871-1882 too warm.

724839: SANTA ROSA USA 38.5N 122.7W 50m 1889-1980 80
Sources:

Notes: Reliability: compared with 724831, 724931 & 724838 for the years 1916-1975, 1901-1980 & 1901-1980. Record has many jumps.

724841: COLFAX USA 46.9N 117.4W 596m 1892-1980 10 1892
Sources:

Notes: Reliability: compared with 727831 & 727852 for the years 1892-1980 & 1900-1980.

724847: DAVIS AGRI. COLLEGE USA 38.9N 121.8W 1128m 1872-1980 80
Sources:

Notes: Reliability: compared with 724884 & 724887 for the years 1908-1979 & 1908-1980. Moves indicated, but not corrected 1922, 1939 & 1959.

724860: ELY USA 39.3N 114.9W 1909m 1951-1980 40
Sources:

Notes: Reliability: compared with 724886 for the years 1951-1980.

724862: DESERET USA 39.3N 111.7W 1397m 1899-1980 10 1913
Sources:

Notes: Reliability: compared with 724866 for the years 1913-1980.

724866: SCIPIO USA 39.3N 112.1W 1617m 1894-1980 10 1897
Sources:

Notes: Reliability: compared with 724888 for the years 1895-1980. First two years too warm.

724867: OAK CITY USA 39.4N 112.3W 1547m 1905-1980 40
Sources:

Notes: Reliability: compared with 724862 & 724866 for the years 1914-1980.

724868: MC GILL USA 39.4N 114.8W 1932m 1888-1980 80
Sources:

Notes: Reliability: compared with 724886 for the years 1912-1980.

724871: PAROWAN USA 37.8N 112.8W 1807m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 724888 for the years 1914-1980. 1971 coded as missing.

724872: SAINT GEORGE USA 37.1N 113.6W 841m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 724801 for the years 1915-1980. 1976 coded as missing.

724880: RENO USA 39.5N 119.8W 1342m 1870-1980 20 1900
Sources:

Notes: Reliability: compared with 724705 & 724884 for the years 1902-1976 & 1888-1979. Corrected for move 1942/1943. Move suspected, but not corrected, 1899/1900. Correction Factors: Stations used: 724705 & 724884.

Calculation dates: 1913-1942 & 1943-1976. Correction dates: 1900-1942. Factors: 0 & -4 -6 -8 -9 -13 -17 -14 -10 -9 -7.

724881: FALLON USA 39.5N 118.8W 1208m 1903-1980 80
Sources:

Notes: Reliability: compared with 724886 for the years 1911-1980. Record shows trends.

724882: AUSTIN USA 39.5N 117.1W 2013m 1888-1980 10 1911
Sources:

Notes: Reliability: compared with 724886 for the years 1911-1980.

724883: YERINGTON USA 39.0N 119.2W 1333m 1902-1980 80
Sources:

Notes: Reliability: compared with 724886 for the years 1911-1980. Record shows trends.

724884: WILLOWS USA 39.5N 122.2W 41m 1878-1980 70 1892
Sources:

Notes: Reliability: compared with 724836 & 724887 for the years 1890-1979 & 1883-1979. 1901 & 1905 are suspect & have been coded as missing.

170

724885: QUINCEY USA 39.9N 121.0W 1039m 1895-1980 80
Sources:

Notes: Reliability: compared with 724836 & 724884 for the years 1897-1979. Moves indicated, but not corrected, 1912,1925 & 1959.

724886: LAHONTAN USA 39.5N 119.1W 1267m 1906-1980 10 1911
Sources:

Notes: Reliability: compared with 724802 for the years 1911-1980.

724887: ORLAND USA 39.8N 122.2W 77m 1883-1980 70 1903
Sources:

Notes: Reliability: compared with 724836 & 724884 for the years 1890-1980 & 1883-1979. Move indicated, but not corrected, 1902/1903.

724888: LEVAN USA 39.5N 111.9W 1615m 1889-1980 10 1891
Sources:

Notes: Reliability: compared with 724871, 724866 & 724702 for the years 1914-1980, 1895-1980 & 1892-1980.

724889: NEVADA CITY USA 39.3N 121.0W 783m 1864-1980 10 1895
Sources:

Notes: Reliability: compared with 724838 for the years 1895-1978.

724921: OROVILLE USA 39.5N 121.6W 76m 1884-1976 80
Sources:

Notes: Reliability: compared with 724838 & 724889 for the years 1884-1976 & 1895-1976. Move indicated, but not corrected, 1959/1960.

724924: FOLSOM USA 38.7N 121.2W 76m 1872-1955 80
Sources:

Notes: Reliability: compared with 724832 for the years 1916-1955.

724930: OAKLAND USA 37.7N 122.2W 1961-1967 61
Sources:

Notes: Reliability: uncheckable.

724931: UKIAH USA 39.1N 123.2W 189m 1877-1980 10 1924
Sources:

Notes: Reliability: compared with 724939 for the years 1893-1980. Early years too cold.

724932: BERKELEY USA 37.9N 122.3W 105m 1889-1980 10 1889
Sources:

Notes: Reliability: compared with 724938 & 724939 for the years 1887-1980 & 1893-1980.

724938: LOS GATOS USA 37.2N 122.0W 111m 1885-1980 10 1891
Sources:

Notes: Reliability: compared with 724932 for the years 1899-1980.

724939: VACAVILLE USA 38.4N 122.0W 53m 1880-1980 10 1905
Sources:

Notes: Reliability: compared with 724932 for the years 1893-1980. Early years too warm.

724940: SAN FRANCISCO USA 37.8N 122.4W 39m 1850-1980 10 1871
Sources:

Notes: Reliability: compared with 724830 for the years 1853-1980.

725027: NEW YORK USA 40.7N 74.0W 10m 1822-1977 10 1822
Sources:

Notes: Reliability: compared with 725045 for the years 1822-1970.

725030: NEW YORK/LAGARDIA USA 40.8N 73.9W 16m 1961-1980 10 1961
Sources:

Notes: Reliability: compared with 725027 for the years 1961-1980.

725045: NEW HAVEN/TWEED USA 41.3N 72.9W 7m 1781-1970 20 1781
Sources:

Notes: Reliability: compared with 725027, 725111 & 744920 for the years 1822-1970, 1866-1970 & 1811-1970. Corrected for move to Airport 1951. Correction Factors: Stations used: 725027, 725111 & 744920. Calculation dates: 1951-1970. Correction dates: 1781-1950. Factors: -8 -5 -3 -2 -6 -6 -4 -1 -3 -2 -3 -4.

725050: BLOCK ISLAND USA 41.2N 71.6W 36m 1880-1970 20 1888
Sources:

Notes: Reliability: compared with 725027 & 744920 for the years 1888-1970. Corrected for site change 1950/1951. Correction Factors: Stations used: 725027 & 744920. Calculation dates: 1951-1970. Correction dates: 1888-1950. Factors: -6 -9 -5 -8 -4 -6 -6 -6 -7 -9 -8 -7.

725060: NANTUCKET USA 41.3N 70.1W 1961-1967 10 1961
Sources:

Notes: Reliability: compared with 744920 for the years 1961-1967.

725090: BOSTON USA 42.4N 71.0W 5m 1743-1980 20 1871
Sources:

Notes: Reliability: compared with 744920 for the years 1811-1980. Corrected for site changes Sept 1933 & 1950/1951. Correction Factors: Stations used: 744920. Calculation dates: 1951-1980. Correction dates: 1743-Sept 1933 & Oct 1933-1950. Factors: i) 1743-Sept 1933: -5 -7 -6 -8 -7 -6 -8 -7 -6 -7 -6 -3. ii) Oct 1933-1950: 0 -3 -3 -5 -4 -3 -6 -6 -4 -5 -4 0.

725110: HARRISBURG USA 40.2N 76.9W 103m 1840-1980 10 1888
Sources:

Notes: Reliability: compared with 725231 for the years 1888-1980.

725111: TRENTON USA 40.2N 74.8W 17m 1865-1980 20 1866
Sources:

Notes: Reliability: compared with 725027 & 725045 for the years 1866-1980 & 1866-1970. Correction Factors: Stations used: 725027 & 725045. Calculation

171

dates: 1910-1950. Correction dates: 1866-1909. Factors: -15 -11 -17 -17 -12 -15 -15 -12 -10 -12 -16 -16.

725150: BINGHAMTON USA 42.2N 76.0W 485m 1890-1980 20 1890
Sources:

Notes: Reliability: compared with 725110 & 725231 for the years 1890-1980. Corrected for move 1967/1968. Correction Factors: Stations used: 725110 & 725231. Calculation dates: 1968-1980. Correction dates: 1890-1967. Factors: -15 -13 -18 -13 -9 -12 -11 -16 -17 -15 -17 -19.

725171: READING USA 40.4N 75.9W 82m 1839-1980 40
Sources:

Notes: Reliability: compared with 725110 & 725231 for the years 1898-1980. May 1969 moved to Airport, not corrected.

725180: ALBANY/NY USA 42.7N 73.8W 89m 1820-1977 20 1820
Sources:

Notes: Reliability: compared with 725027 & 725045 for the years 1822-1980. Corrected for move to Airport 1961. Correction Factors: Stations used: 725027. Calculation dates: 1961-1980. Correction dates: 1820-1960. Factors: -5 -9 -8 -4 -4 -1 -7 -9 -6 0 -6 -11.

725200: PITTSBURG USA 40.5N 80.2W 373m 1870-1977 20 1870
Sources:

Notes: Reliability: compared with 725247 & 725217 for the years 1877-1980 & 1938-1970. Corrected for move to Airport 1961. Correction Factors: Stations used: 725247 & 725217. Calculation dates: 1961-1970. Correction dates: 1870-1960. Factors: -20 -23 -11 -14 -15 -13 -14 -12 -15 -14 -18 -21.

725217: WOOSTER USA 40.8N 81.9W 309m 1938-1970 10 1938
Sources:

Notes: Reliability: compared with 725247 for the years 1938-1970.

725227: GENEVA USA 42.9N 77.0W 180m 1949-1970 80
Sources:

Notes: Reliability: compared with 725231 for the years 1949-1970.

725231: ANGELICA USA 42.3N 78.0W 433m 1855-1980 10 1855
Sources:

Notes: Reliability: compared with 725290 & 725280 for the years 1855-1980.

725247: SANDUSKY USA 41.5N 82.7W 192m 1877-1970 10 1877
Sources:

Notes: Reliability: compared with 725200 for the years 1877-1977.

725260: ERIE USA 42.1N 80.2W 223m 1873-1980 80
Sources:

Notes: Reliability: compared with 725230 & 725290 for the years 1873-1980. Record shows trends.

725280: BUFFALO USA 42.9N 78.7W 215m 1831-1980 10 1841
Sources:

Notes: Reliability: compared with 725290 & 725231 for the years 1831-1980 & 1855-1980. 1831-1840 data from different site.

725290: ROCHESTER USA 43.1N 77.7W 167m 1829-1980 10 1830
Sources:

Notes: Reliability: compared with 725280 & 725231 for the years 1831-1980 & 1855-1980.

172

725311: SIDNEY USA 40.3N 84.2W 285m 1856-1980 20 1883
Sources:

Notes: Reliability: compared with 725390 for the years 1883-1980. Corrected for move Nov 1956. Correction Factors: Stations used: 725390. Calculation dates: 1957-1980. Correction dates: 1883-1955. Factors: -18 -19 -20 -15 -14 -11 -9 -12 -10 -13 -13 -11.

725315: URBANA USA 40.1N 88.2W 226m 1920-1970 10 1920
Sources:

Notes: Reliability: compared with 725442 for the years 1920-1970.

725320: PEORIA USA 40.7N 89.7W 199m 1855-1980 20 1856
Sources:

Notes: Reliability: compared with 725315, 725340 & 725442 for the years 1920-1970, 1873-1980 & 1872-1980. Corrected for move May 1943. Correction Factors: Stations used: 725315 & 725442. Calculation dates: 1944-1970. Correction dates: 1856-May 1943. Factors: -5 -7 -4 -3 -5 -5 -3 -3 -6 -6 -4 -6.

725330: FORT WAYNE USA 41.0N 85.2W 241m 1870-1980 20 1887
Sources:

Notes: Reliability: compared with 725390 & 725315 for the years 1887-1980 & 1920-1970. Corrected for move 1946/1947. Correction Factors: Stations used: 725390 & 725315. Calculation dates: 1947-1970. Correction dates:

1887-1946. Factors: -5 -5 -2 -2 -5 -6 -7 -4 -7 -7 -7 -8.

725340: CHICAGO O'HARE USA 42.0N 87.9W 190m 1871-1980 20 1873
Sources:

Notes: Reliability: compared with 725442, 725390 & 725315 for the years 1889-1980, 1864-1980 & 1920-1970. Corrected for move to Airport 1951. Correction Factors: Stations used: 725442, 725390 & 725315. Calculation dates: 1951-1970. Correction dates: 1873-1930 & 1931-1950. Factors: i) 1873-1930: -11 -5 1 6 10 9 6 5 -1 -4 -6 -8. ii) 1931-1950: -4 2 8 12 13 15 11 6 3 -1 -1 -1.

725360: TOLEDO USA 41.6N 83.5W 204m 1861-1980 20 1871
Sources:

Notes: Reliability: compared with 725390 for the years 1871-1980. Corrected for moves Jan 1943 & Feb 1955. Correction Factors: Stations used; 725390. Calculation dates: 1956-1980. Correction dates: Feb 1943-Feb 1955 & 1871-Jan 1943. Factors: i) 1871-Jan 1943: -14 -10 -8 -3 -4 -6 -7 -9 -9 -13 -16 -14. ii) Feb 1943-Feb 1955: -10 -2 -2 -2 -3 -8 -6 -5 -6 -7 -7 -1.

725370: DETROIT USA 42.3N 83.1W 191m 1836-1977 40
Sources:

Notes: Reliability: compared with 725390 & 725442 for the years 1864-1980 & 1872-1980. Record shows urban warming after 1940.

725390: LANSING USA 42.8N 84.6W 256m 1864-1980 10 1864
Sources:

Notes: Reliability: compared with 725340 & 725442 for the years 1864-1980 & 1872-1980.

725405: KEOKUK USA 40.4N 91.4W 161m 1871-1980 10 1871
Sources:

Notes: Reliability: compared with 725442 & 725460 for the years 1872-1980 & 1878-1980.

725442: DAVENPORT USA 41.5N 90.6W 173m 1871-1980 10 1872
Sources:

Notes: Reliability: compared with 725405 & 725460 for the years 1872-1980 & 1878-1980.

725460: DES MOINES USA 41.5N 93.7W 294m 1844-1980 10 1878
Sources:

Notes: Reliability: compared with 725405 & 725442 for the years 1878-1980.

725470: DUBUQUE USA 42.4N 90.7W 322m 1851-1980 20 1851
Sources:

Notes: Reliability: compared with 725442 & 725460 for the years 1872-1980 & 1878-1980. Corrected for move to Airport 1951. Correction Factors: Stations used: 725442 & 725460. Calculation dates: 1951-1980. Correction dates: 1851-1950. Factors: -12 -13 -12 -12 -15 -15 -15 -14 -14 -12 -13 -12.

725507: CRETE USA 40.6N 97.0W 417m 1894-1970 10 1894
Sources:

Notes: Reliability: compared with 725510 & 725530 for the years 1894-1970.

725510: LINCOLN USA 40.9N 96.8W 351m 1878-1980 10 1886
Sources:

Notes: Reliability: compared with 725530 for the years 1886-1977.

725530: OMAHA USA 41.1N 95.9W 406m 1871-1977 10 1873
Sources:

Notes: Reliability: compared with 725510 & 725507 for the years 1886-1977 & 1894-1970.

725570: SIOUX CITY USA 42.4N 96.4W 334m 1857-1980 20 1889
Sources:

Notes: Reliability: compared with 725507 & 725510 for the years 1894-1980 & 1889-1980. Corrected for move 1941/1942. Correction Factors: Stations used: 725507 & 725510. Calculation dates: 1942-1970. Correction dates: 1889-1941. Factors: -4 -4 -3 -1 -3 -1 0 -1 0 -1 -2 -7.

725572: YANKTON USA 42.9N 97.4W 378m 1873-1980 20 1873
Sources:

Notes: Reliability: compared with 725670 & 725510 for the years 1886-1980. Corrected for move July 1933. Correction Factors: Stations used: 725670 & 725510. Calculation dates; 1934-1980. Correction dates: 1886-June 1933. Factors: -10 -7 -10 -9 -8 -8 -8 -8 -8 -7 -5 -8.

725620: NORTH PLATTE USA 41.1N 100.8W 849m 1875-1980 20 1875
Sources:

Notes: Reliability: compared with 725641 & 725670 for the years 1900-1970 & 1886-1980. Corrected for move to Airport 1951. Correction Factors: Stations used: 725641 & 725670. Calculation dates: 1951-1970. Correction dates: 1875-1950. Factors: -11 -10 -4 -4 -10 -8 -12 -6 -8 -9 -7 -9.

725640: CHEYENNE USA 41.1N 104.8W 1867m 1871-1980 10 1871
Sources:

Notes: Reliability: compared with 725641, 725642 & 725698 for the years 1900-1980, 1902-1980 & 1889-1978. Same data as 725691.

725641: PINE BLUFFS USA 41.2N 104.1W 1538m 1900-1970 10 1900
Sources:

Notes: Reliability: compared with 725670 for the years 1900-1970.

725642: WATERDALE USA 40.4N 105.2W 1603m 1902-1980 10 1902
Sources:

Notes: Reliability: compared with 725701 & 725646 for the years 1909-1980 & 1902-1980.

725643: FOXPARK USA 41.1N 106.1W 2757m 1909-1970 10 1909
Sources:

Notes: Reliability: compared with 725640 & 725498 for the years 1909-1970.

725644: CHUGWATER USA 41.8N 104.8W 1610m 1900-1980 10 1900
Sources:

Notes: Reliability: compared with 725640 & 725641 for the years 1900-1980 & 1900-1970.

725645: SARATOGA USA 41.5N 106.8W 2070m 1914-1980 10 1925
Sources:

Notes: Reliability: compared with 725642 for the years 1914-1980. Early years too variable.

725646: LARAMIE USA 41.3N 105.6W 2195m 1891-1970 10 1891
Sources:

Notes: Reliability: compared with 725642 for the years 1902-1970.

725670: VALENTINE USA 42.9N 100.6W 789m 1886-1980 10 1886
Sources:

Notes: Reliability: compared with 725572, 725702 & 725641 for the years 1886-1980, 1889-1980 & 1900-1970.

725691: CHEYENNE/WY USA 42.9N 106.5W 1867m 1871-1980 80
Sources:

Notes: Reliability: see 725640 which has exactly the same data!

725692: ENCAMPMENT USA 41.2N 106.6W 2252m 1909-1980 80
Sources:

Notes: Reliability: compared with 725642 for the years 1909-1980.

725693: DOUGLAS USA 42.8N 105.4W 1479m 1909-1970 10 1909
Sources:

Notes: Reliability: compared with 725640 & 725698 for the years 1909-1970. 1960 coded as missing.

725694: WHEATLAND USA 42.1N 105.0W 1414m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 725640 & 725644 for the years 1914-1980. Corrected for jump 1966/1967. Correction Factors: Stations used: 725640 & 725644. Calculation dates: 1967-1980. Correction dates: 1914-1966. Factors: -7 -11 -6 -7 -9 -10 -9 -14 -13 -10 -9 -7.

725698: LUSK USA 42.8N 104.4W 1524m 1889-1978 10 1889
Sources:

Notes: Reliability: compared with 725640 for the years 1889-1978.

725701: STEAMBOAT SPRINGS USA 40.5N 106.8W 2064m 1908-1980 10 1909
Sources:

Notes: Reliability: compared with 725642 & 725646 for the years 1909-1980 & 1909-1970. 1978-1980 data coded as missing.

725702: LE ROY USA 40.5N 103.0W 1362m 1889-1980 12 1889
Sources:

Notes: Reliability: compared with 725670 for the years 1889-1980.

725703: FRASER USA 40.0N 105.8W 2609m 1909-1974 80
Sources:

Notes: Reliability: compared with 725701 for the years 1910-1970.

725704: VERNAL USA 40.5N 109.5W 1609m 1915-1980 10 1918
Sources:

Notes: Reliability: compared with 725708 for the years 1915-1980. First 3 years too variable.

725708: MEEKER USA 40.0N 107.9W 1935m 1891-1980 10 1891
Sources:

Notes: Reliability: compared with 725722 for the years 1892-1980.

725709: MYTON USA 40.2N 110.1W 1533m 1915-1980 10 1932
Sources:

Notes: Reliability: compared with 725722 for the years 1918-1980. Early years too warm.

725720: SALT LAKE CITY USA 40.8N 111.9W 1288m 1875-1980 20 1875
Sources:

Notes: Reliability: compared with 725725 & 725729 for the years 1905-1980 & 1896-1980. Corrected for move to Airport 1951. Correction Factors: Stations used: 725725 & 725729. Calculation dates: 1951-1980. Correction dates: 1875-1950. Factors: -10 -4 -3 -7 -7 -10 -7 -5 -6 -9 -3 -12.

725721: SPANISH FORK USA 40.1N 111.6W 1439m 1910-1980 80
Sources:

Notes: Reliability: compared with 725723 & 725812 for the years 1914-1980.

725722: FORT DUCHESNE USA 40.3N 109.9W 1521m 1888-1980 10 1892
Sources:

Notes: Reliability: compared with 725760 for the years 1892-1980.

725723: SANTAQUIN USA 40.0N 111.8W 1560m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 725812 for the years 1914-1980. 1931 coded as missing.

725724: HEBER USA 40.5N 111.4W 1701m 1893-1980 10 1893
Sources:

Notes: Reliability: compared with 725728 & 725914 for the years 1914-1980. 1931 coded as missing.

725725: MORGAN USA 41.0N 111.7W 1545m 1903-1980 10 1905
Sources:

Notes: Reliability: compared with 725744 for the years 1905-1980.

725728: SNAKE CREEK USA 40.5N 111.5W 1814m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 725914 for the years 1914-1980.

725729: TOOELE USA 40.5N 112.3W 1469m 1896-1980 10 1915
Sources:

Notes: Reliability: compared with 725725 for the years 1905-1980. 1945 coded as missing. Early years too variable.

725744: EVANSTON USA 41.3N 111.0W 2067m 1898-1980 10 1898
Sources:

Notes: Reliability: compared with 725725 & 725757 for the years 1905-1980 & 1898-1980.

725745: GREEN RIVER USA 41.5N 109.5W 1856m 1904-1980 10 1905
Sources:

Notes: Reliability: compared with 727832 & 725810 for the years 1912-1980 & 1911-1980.

725746: WELLS USA 41.1N 115.0W 1722m 1870-1980 10 1896
Sources:

Notes: Reliability: compared with 725757 for the years 1896-1980.

725757: LOGAN UTAH STATE UNI USA 41.8N 111.8W 1458m 1891-1980 10 1891
Sources:

Notes: Reliability: compared with 725744 & 725761 for the years 1898-1980 & 1902-1980.

725760: LANDER USA 42.8N 108.7W 1696m 1892-1980 10 1892
Sources:

Notes: Reliability: compared with 725708 & 725722 for the years 1892-1980.

725761: BORDER USA 42.3N 111.0W 1865m 1902-1980 10 1902
Sources:

Notes: Reliability: compared with 725757 for the years 1902-1980.

725762: PATHFINDER DAM USA 42.5N 106.8W 1807m 1899-1980 20 1906
Sources:

Notes: Reliability: compared with 725704, 725708 & 725760 for the years 1915-1980, 1906-1980 & 1906-1980. Corrected for move 1950. Correction Factors: Stations used: 725704, 725708 & 725760. Calculation dates: 1950-1980. Correction dates: 1906-1949. Factors: -16 -8 -14 -7 -8 -11 -13 -13 -11 -5 -7 -6.

175

725766: TWIN FALLS USA 42.6N 114.5W 1124m 1909-1980 80
Sources:

Notes: Reliability: compared with 725782 for the years 1916-1970.

725780: POCATELLO USA 42.9N 112.6W 1357m 1914-1978 80
Sources:

Notes: Reliability: compared with 725781 for the years 1914-1980. Record shows trends.

725781: GRACE USA 42.6N 111.7W 1692m 1907-1980 10 1921
Sources:

Notes: Reliability: compared with 725761 for the years 1907-1980.

725782: HOLLISTER USA 42.4N 114.6W 1379m 1908-1980 10 1908
Sources:

Notes: Reliability: compared with 725786 for the years 1908-1980. 1919 coded as missing.

725786: OAKLEY USA 42.3N 113.9W 1402m 1893-1980 10 1893
Sources:

Notes: Reliability: compared with 725787 & 725782 for the years 1906-1980 & 1908-1980.

725787: RUPERT USA 42.6N 113.7W 1281m 1906-1965 10 1906
Sources:

Notes: Reliability: compared with 725786 & 725782 for the years 1906-1980 & 1908-1980.

725810: WENDOVER USA 40.7N 114.0W 1291m 1911-1980 20 1911
Sources:

Notes: Reliability: compared with 725760 & 725832 for the years 1911-1980 & 1912-1980. Corrected for jump 1930/1931. Correction Factors: Stations used: 725760 & 725832. Calculation dates: 1931-1970. Correction dates: 1911-1930. Factors: -11 -12 -12 -10 -10 -15 -14 -5 -9 -7 -18 -13.

725811: BRIGHAM CITY USA 41.5N 112.0W 1321m 1915-1970 40
Sources:

Notes: Reliability: compared with 725757 for the years 1915-1970.

725812: ELBERTA USA 40.0N 112.0W 1429m 1902-1980 10 1914
Sources:

Notes: Reliability: compared with 725723 for the years 1914-1980. 1931 coded as missing.

725813: CORINNE USA 41.5N 112.1W 1289m 1897-1980 10 1912
Sources:

Notes: Reliability: compared with 725757 for the years 1897-1980. Early years too warm.

725814: DUCHESNE USA 40.2N 110.4W 1679m 1906-1978 10 1906
Sources:

Notes: Reliability: compared with 725722 for the years 1906-1970.

725830: WINNEMUCCA USA 41.0N 117.7W 1322m 1870-1980 10 1885
Sources:

Notes: Reliability: compared with 725831 for the years 1894-1980.

725831: GOLCONDA USA 41.0N 117.5W 1339m 1878-1980 10 1894
Sources:

Notes: Reliability: compared with 725830 for the years 1894-1980.

725832: LAMOILLE USA 40.7N 115.5W 1917m 1912-1970 10 1918
Sources:

Notes: Reliability: compared with 725760 for the years 1912-1970. Early years too warm.

725833: BEOWAWE USA 40.6N 116.5W 1431m 1870-1980 80
Sources:

Notes: Reliability: compared with 725832 for the years 1912-1980. Record shows trends.

725834: LOVELOCK USA 40.2N 118.5W 1211m 1891-1980 80
Sources:

Notes: Reliability: compared with 725830 & 725831 for the years 1891-1980 & 1894-1980.

725835: IMLAY USA 40.7N 118.1W 1298m 1888-1980 80
Sources:

Notes: Reliability: compared with 725830 & 725831 for the years 1914-1980.

176

725836: RIVERDALE USA 41.1N 112.0W 1338m 1914-1980 80
Sources:

Notes: Reliability: compared with 725757 for the years 1914-1980. Record shows trends.

725837: ELKO USA 40.8N 115.8W 1547m 1870-1980 80
Sources:

Notes: Reliability: compared with 725832 for the years 1912-1980.

725910: RED BLUFF USA 40.1N 122.3W 103m 1872-1980 10 1878
Sources:

Notes: Reliability: compared with 725912 & 725950 for the years 1901-1980 & 1888-1977.

725911: ORLEANS USA 41.3N 123.5W 122m 1903-1980 40
Sources:

Notes: Reliability: compared with 725913 for the years 1914-1980. First 20 years too warm, followed by a jump & then urban warming.

725912: REDDING USA 40.6N 122.4W 175m 1875-1980 20 1901
Sources:

Notes: Reliability: compared with 725910 & 725950 for the years 1900-1980. Correction Factors: Stations used: 725910 & 725950. Calculation dates: 1955-1980. Correction dates: 1931-1954. Factors: 5 9 11 13 19 18 19 18 15 15 5 4.

725913: HAPPY CAMP USA 41.8N 123.4W 332m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 725978 for the years 1914-1980.

725914: UTAH LAKE LEHI USA 40.4N 111.9W 1371m 1904-1980 10 1914
Sources:

Notes: Reliability: compared with 725728 for the years 1914-1980. 1922 coded as missing.

725940: EUREKA USA 40.8N 124.2W 13m 1878-1980 10 1886
Sources:

Notes: Reliability: compared with 725913 & 725972 for the years 1914-1980 & 1913-1980.

.725950: MOUNT SHASTA USA 41.3N 122.3W 1082m 1888-1977 10 1931
Sources:

Notes: Reliability: compared with 725910 & 725912 for the years 1888-1977 & 1900-1977.

725969: PROSPECT USA 42.7N 122.5W 756m 1905-1980 20 1908
Sources:

Notes: Reliability: compared with 725976 & 725971 for the years 1908-1980. Corrected for jump 1948. Correction Factors: Stations used: 725971 & 725976. Calculation dates: 1949-1980. Correction dates: 1908-1948. Factors: 2 4 5 8 8 8 7 10 12 9 4 3.

725970: MEDFORD USA 42.4N 122.9W 405m 1961-1980 10 1961
Sources:

Notes: Reliability: compared with 725969 for the years 1961-1980.

725971: ASHLAND USA 42.2N 122.7W 542m 1879-1980 10 1889
Sources:

Notes: Reliability: compared with 725976 for the years 1897-1980.

725972: BROOKINGS USA 42.1N 124.3W 24m 1912-1980 10 1913
Sources:

Notes: Reliability: compared with 725940 for the years 1913-1980.

725973: CHILOQUIN USA 42.6N 121.8W 1286m 1913-1980 80
Sources:

Notes: Reliability: compared with 725971 & 725976 for the years 1913-1980. Record shows trends.

725974: GRANTS PASS USA 42.4N 123.3W 282m 1889-1980 80
Sources:

Notes: Reliability: compared with 725975 for the years 1913-1980. Record shows trends.

725975: RIDDLE USA 43.0N 123.4W 202m 1913-1980 10 1913
Sources:

Notes: Reliability: compared with 725979 for the years 1913-1980.

725976: KLAMATH FALLS USA 42.2N 121.8W 1249m 1894-1980 10 1897
Sources:

Notes: Reliability: compared with 725971 for the years 1897-1980.

725977: LAKEVIEW USA 42.2N 120.4W 1455m 1890-1980 80
Sources:

Notes: Reliability: compared with 725976 for the years 1897-1980. Record shows trends.

725978: YREKA USA 41.7N 122.6W 802m 1872-1980 10 1914
Sources:

Notes: Reliability: compared with 725913 for the years 1914-1980.

725979: ROSEBURG USA 43.2N 123.4W 142m 1877-1980 10 1877
Sources:

Notes: Reliability: compared with 725974 & 725975 for the years 1893-1980 & 1913-1980.

726050: CONCORD USA 43.2N 71.5W 104m 1853-1980 10 1871
Sources:

Notes: Reliability: compared with 726170 for the years 1884-1980.

726080: EASTPORT USA 44.9N 67.0W 23m 1873-1977 40
Sources:

Notes: Reliability: compared with 726170 & 726050 for the years 1884-1977 & 1874-1977. Record shows urban warming after 1940.

726170: BURLINGTON USA 44.5N 73.2W 101m 1828-1980 20 1884
Sources:

Notes: Reliability: compared with 726050 for the years 1884-1980. Corrected for move 1905/1906. Correction Factors: Stations used: 726050. Calculation dates: 1906-1980. Correction dates: 1884-1905. Factors: -14 -12 -12 -11 -14 -16 -15 -16 -17 -12 -13 -14.

726171: CANTON USA 44.6N 75.1W 134m 1855-1980 20 1862
Sources:

Notes: Reliability: compared with 726172 & 726200 for the years 1897-1980 & 1862-1980. Corrected for site change Sept 1960. Correction Factors: Stations used: 726172 & 726200. Calculation dates: 1961-1980. Correction dates: 1862-Sept 1960. Factors: -4 -8 -7 -8 -6 -7 -5 -5 -7 -6 -5 -10.

726172: LAKE PLACID USA 44.3N 74.0W 591m 1897-1980 10 1931
Sources:

Notes: Reliability: compared with 726200 for the years 1897-1980. Record shows trends prior to 1930.

726175: ITHACA USA 44.5N 76.8W 293m 1827-1980 20 1827
Sources:

Notes: Reliability: compared with 726172 & 726200 for the years 1897-1980 & 1854-1980. Corrected for site change May 1943. Correction Factors: Stations used: 726172 & 726200. Calculation dates: 1944-1980. Correction dates: 1827-May 1943. Factors: -16 -15 -14 -9 -13 -13 -14 -12 -10 -10 -12 -16.

726200: OSWEGO USA 43.5N 76.5W 107m 1844-1980 10 1885
Sources:

Notes: Reliability: compared with 726172 & 726175 for the years 1862-1980 & 1854-1980. Early record appears to be from different site.

726277: MONTREAL USA 45.5N 73.7W 1961-1977 61
Sources:

Notes: Reliability: uncheckable.

726350: GRAND RAPIDS USA 42.9N 85.5W 239m 1870-1980 10 1887
Sources:

Notes: Reliability: compared with 726390 & 726410 for the years 1887-1977 & 1887-1980.

726390: ALPENA/PHELPS USA 45.1N 83.4W 211m 1873-1977 10 1873
Sources:

Notes: Reliability: compared with 726350 & 726410 for the years 1887-1977 & 1873-1977.

726400: MILWAUKEE USA 43.0N 87.9W 205m 1841-1980 40
Sources:

Notes: Reliability: compared with 726410 for the years 1871-1980. Record has a jump at 1940 followed by urban warming.

726410: MADISON USA 43.1N 89.3W 262m 1855-1980 10 1869
Sources:

Notes: Reliability: compared with 726350 & 726390 for the years 1887-1980 & 1873-1977.

726418: LUDINGTON USA 43.9N 86.4W 210m 1896-1980 40
Sources:

Notes: Reliability: compared with 726410 for the years 1896-1980.

178

726430: LA CROSSE USA 43.9N 91.3W 198m 1872-1980 10 1873
Sources:

Notes: Reliability: compared with 726441 & 726442 for the years 1891-1980 & 1886-1980.

726441: CHARLES CITY USA 43.1N 92.7W 309m 1875-1980 20 1891
Sources:

Notes: Reliability: compared with 726430 & 726442 for the years 1891-1980. Correction Factors: Stations used: 726430 & 726442. Calculation dates: 1952-1980. Correction dates: 1891-1951. Factors: 7 9 7 6 6 5 2 6 7 6 4 6.

726442: GRAND MEADOW USA 43.7N 92.6W 411m 1886-1980 10 1927
Sources:

Notes: Reliability: compared with 726430 & 726441 for the years 1891-1980 & 1886-1980. Record shows warming & cooling trends prior to 1926.

726443: GRAND HAVEN USA 43.1N 86.2W 189m 1871-1980 20 1871
Sources:

Notes: Reliability: compared with 726410 & 726450 for the years 1871-1980 & 1886-1980. Correction Factors: Stations used; 726410 & 726450. Calculation dates: 1945-1980. Correction dates: 1871-1944. Factors: 10 10 13 10 13 12 12 12 17 11 11 9.

726450: GREEN BAY USA 44.5N 88.1W 208m 1886-1980 10 1886
Sources:

Notes: Reliability: compared with 726350 & 726442 for the years 1886-1980.

726460: WAUSAU USA 44.9N 89.6W 365m 1895-1980 80
Sources:

Notes: Reliability: compared with 726442 & 726443 for the years 1895-1980.

726462: EAU CLAIRE USA 44.9N 91.5W 271m 1891-1980 20 1891
Sources:

Notes: Reliability: compared with 726540 & 726580 for the years 1891-1980 & 1891-1977. Correction Factors: Stations used: 726540 & 726580. Calculation dates: 1961-1980. Correction dates: 1891-1960. Factors: -10 -13 -8 -6 -4 -9 -9 -10 -7 -5 -5 -6.

726540: HURON USA 44.4N 98.2W 390m 1881-1980 10 1881
Sources:

Notes: Reliability: compared with 726580 for the years 1881-1977.

726550: ST.CLOUD USA 45.6N 94.2W 318m 1893-1980 20 1893
Sources:

Notes: Reliability: compared with 726462 & 726580 for the years 1893-1980 & 1893-1977. Correction Factors: Stations used: 726462 & 726580. Calculation dates: 1920-1960. Correction dates: 1893-1919. Factors: -11 -13 -9 -7 -9 -7 -9 -8 -13 -8 -12 -8.

726551: COLLEGEVILLE USA 45.6N 94.4W 373m 1892-1980 80
Sources:

Notes: Reliability: compared with 726462 for the years 1892-1980.

726580: MINNEAPOLIS INTNL. USA 45.0N 93.1W 255m 1837-1977 10 1859
Sources:

Notes: Reliability: compared with 726540 for the years 1881-1977.

726611: EKALAKA USA 45.9N 104.5W 1044m 1897-1980 20 1897
Sources:

Notes: Reliability: compared with 726627 & 726631 for the years 1910-1970 & 1914-1980. Correction Factors: Stations used: 726627 & 726631. Calculation dates: 1930-1970. Correction dates: 1897-1929. Factors: -17 -10 -9 -10 -6 -10 -16 -11 -11 -10 -15 -11.

726620: RAPID CITY USA 44.1N 103.1W 1027m 1888-1980 20 1888
Sources:

Notes: Reliability: compared with 726540 & 726631 for the years 1888-1980 & 1914-1980. Corrected for site changes. Correction Factors: Stations used: 726540 & 726631. Calculation dates: 1974-1980. Correction dates: 1888-1948 & 1949-1973. Factors: i) 1888-1948: 6 18 14 6 6 3 1 -1 7 10 -4 4. ii) 1949-1973: -14 3 2 -1 -4 -4 -6 -8 -2 2 -9 -7.

726622: PIERRE USA 44.4N 100.3W 526m 1891-1980 20 1891
Sources:

Notes: Reliability: compared with 726627 & 726631 for the years 1910-1970 & 1914-1980. Correction Factors: Stations used: 726627 & 726631. Calculation dates: 1942-1970. Correction dates: 1891-1941. Factors: -12 -20 -12 -12 -10 -5 -9 -10 -12 -12 -9 -17.

726627: COTTONWOOD USA 44.0N 101.9W 736m 1910-1970 10 1910
Sources:

Notes: Reliability: compared with 726631 & 726540 for the years 1914-1980 & 1910-1980.

179

726631: COLONY USA 44.9N 104.2W 1083m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 726627 for the years 1914-1980.

726660: SHERIDAN USA 44.8N 107.0W 1208m 1893-1980 10 1893
Sources:

Notes: Reliability: compared with 727600 & 726770 for the years 1909-1980 & 1894-1980.

726700: CODY USA 44.5N 109.1W 1521m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 726660 for the years 1909-1980.

726701: ALTA USA 43.8N 111.0W 1960m 1909-1980 80
Sources:

Notes: Reliability: compared with 726702 & 726703 for the years 1909-1980 & 1911-1980.

726702: DUBOIS USA 43.5N 109.6W 2108m 1906-1980 10 1907
Sources:

Notes: Reliability: compared with 726703 & 726773 for the years 1911-1980 & 1907-1978.

726703: LOVELL USA 44.8N 108.4W 1169m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 726660 for the years 1909-1980.

726704: MORAN USA 43.8N 110.6W 2069m 1911-1980 10 1911
Sources:

Notes: Reliability: compared with 726702 & 726773 for the years 1911-1980 & 1911-1978.

726705: POWELL USA 44.8N 108.8W 1334m 1907-1980 80
Sources:

Notes: Reliability: compared with 727600 & 726700 for the years 1908-1980 & 1909-1980.

726770: BILLINGS USA 45.8N 108.5W 944m 1894-1980 10 1909
Sources:

Notes: Reliability: compared with 726660 & 726700 for the years 1894-1980 & 1909-1980.

726771: BIG TIMBER USA 45.8N 110.0W 1249m 1909-1980 20 1909
Sources:

Notes: Reliability: compared with 726704 & 726773 for the years 1911-1980 & 1909-1980. Correction Factors: Stations used: 726704 & 726773. Calculation dates: 1967-1978. Correction dates: 1909-1966. Factors: -37 -8 -11 -7 -9 -9 -16 -12 -17 -20 -21 -18.

726772: BUSBY USA 45.5N 107.0W 1048m 1903-1980 80
Sources:

Notes: Reliability: compared with 726660 for the years 1907-1980.

726773: YELLOWSTONE PARK USA 45.0N 110.7W 1899m 1889-1980 10 1896
Sources:

Notes: Reliability: compared with 726703 & 726702 for the years 1911-1978 & 1907-1978.

726774: DILLON USA 45.2N 112.6W 1593m 1895-1980 10 1898
Sources:

Notes: Reliability: compared with 726775 & 726815 for the years 1906-1967 & 1915-1980.

726775: DEAVER USA 44.9N 108.6W 1251m 1916-1980 20 1916
Sources:

Notes: Reliability: compared with 726660 & 726779 for the years 1916-1980. Correction Factors: Stations used: 726660 & 726779. Calculation dates: 1940-1965. Correction dates: 1966-1971. Factors: 28 15 5 1 8 4 9 5 3 6 10 18.

726776: SALMON USA 45.2N 113.9W 1202m 1906-1967 10 1906
Sources:

Notes: Reliability: compared with 726775 & 726818 for the years 1906-1967 & 1915-1967.

726777: HEBGEN DAM USA 44.9N 111.3W 1978m 1913-1980 10 1913
Sources:

Notes: Reliability: compared with 726814 for the years 1913-1980.

726779: MILES CITY USA 46.4N 105.9W 801m 1877-1980 20 1891
Sources:

Notes: Reliability: compared with 726660 for the years 1893-1980. Correction Factors: Stations used: 726660. Calculation dates: 1940-1980. Correction dates; 1891-1939. Factors: -16 -7 -6 -10 -6 -6 -8 -8 -10 -10 -11 -12.

726797: BOZEMAN AGRI COLLEGE USA 45.7N 111.1W 1480m 1892-1980 40
Sources:

Notes: Reliability: compared with 726777 & 726814 for the years 1913-1980 & 1905-1980.

726810: BOISE USA 43.6N 116.2W 871m 1864-1980 10 1864
Sources:

Notes: Reliability: compared with 726812 & 726816 for the years 1916-1980 & 1915-1980.

726811: ABERDEEN USA 43.0N 112.8W 1342m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 726815 & 726818 for the years 1914-1980 & 1915-1980. Correction Factors: Stations used: 726815 & 726818. Calculation dates: 1962-1980. Correction dates: 1914-1961. Factors: -9 -9 -10 -9 -10 -10 -12 -13 -13 -14 -8 -9.

726812: ARROWROCK USA 43.6N 115.9W 998m 1916-1980 10 1916
Sources:

Notes: Reliability: compared with 726816 & 726810 for the years 1916-1980.

726813: CALDWELL USA 43.7N 116.7W 722m 1904-1980 40
Sources:

Notes: Reliability: compared with 726812 & 726816 for the years 1916-1980 & 1915-1980.

726814: IDAHO FALLS USA 43.5N 112.1W 1442m 1904-1980 10 1905
Sources:

Notes: Reliability: compared with 726777 & 726881 for the years 1913-1980 & 1914-1980.

726815: HAILEY USA 43.5N 114.3W 1624m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 726818 & 726774 for the years 1915-1980 & 1909-1980. 1917-1918 coded as missing.

726816: MACKEY USA 44.1N 115.6W 1213m 1908-1980 10 1915
Sources:

Notes: Reliability: compared with 726812 & 726810 for the years 1916-1980 & 1915-1980.

726817: COUNCIL USA 44.7N 116.4W 899m 1915-1980 40
Sources:

Notes: Reliability: compared with 726812 & 726816 for the years 1916-1980 & 1915-1980.

726818: CHALLIS USA 44.5N 114.2W 1577m 1915-1980 10 1915
Sources:

Notes: Reliability: compared with 726815 & 726774 for the years 1915-1980. 1919 coded as missing.

726833: BAKER USA 44.8N 117.8W 1050m 1889-1980 40
Sources:

Notes: Reliability: compared with 726887 & 726880 for the years 1903-1980 & 1890-1980.

726878: UMATILLA USA 45.9N 119.4W 86m 1893-1965 10 1902
Sources:

Notes: Reliability: compared with 726890 for the years 1902-1965. 1924 coded as missing.

726879: HERMISTON USA 45.8N 119.3W 190m 1906-1980 10 1910
Sources:

Notes: Reliability: compared with 726890 for the years 1910-1980.

726880: PENDLETON USA 45.7N 118.8W 454m 1890-1980 10 1890
Sources:

Notes: Reliability: compared with 726887 & 726886 for the years 1903-1980 & 1893-1965.

726881: ASHTON USA 44.1N 111.5W 1591m 1897-1980 10 1914
Sources:

Notes: Reliability: compared with 726777 & 726814 for the years 1914-1980.

726882: GOLDENDALE USA 45.8N 120.8W 503m 1905-1972 80
Sources:

Notes: Reliability: compared with 726884 for the years 1909-1972. Record shows trends.

181

726883: ECHO USA 45.8N 119.2W 201m 1903-1971 10 1931
Sources:

Notes: Reliability: compared with 726879 & 726890 for the years 1910-1980 & 1905-1971.

726884: HEPPNER USA 45.4N 119.5W 594m 1889-1980 10 1909
Sources:

Notes: Reliability: compared with 726890 for the years 1909-1980. 1911 coded as missing.

726885: MORO USA 45.5N 120.7W 569m 1910-1980 80
Sources:

Notes: Reliability: compared with 726890 for the years 1917-1980. Record shows trends.

726886: LA GRANDE USA 45.3N 118.1W 855m 1886-1965 10 1911
Sources:

Notes: Reliability: compared with 726880 & 726887 for the years 1893-1965 & 1903-1965. Years before 1911 are erratic.

726887: NEW MEADOWS USA 45.0N 116.3W 1179m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 726880 & 726888 for the years 1903-1965 & 1909-1980.

726888: PILOT ROCK USA 45.5N 118.8W 517m 1908-1980 80
Sources:

Notes: Reliability: compared with 726887 for the years 1909-1980.

726890: WALLA WALLA USA 46.0N 118.3W 289m 1872-1980 10 1872
Sources:

Notes: Reliability: compared with 726980 for the years 1873-1980.

726891: VALE USA 44.0N 117.3W 682m 1891-1980 20 1892
Sources:

Notes: Reliability: compared with 726893 & 726895 for the years 1903-1980 & 1912-1980. Correction Factors: Stations used: 726893 & 726895. Calculation dates: 1946-1980. Correction dates: 1892-1945. Factors: 12 0 5 5 9 10 11 10 10 6 11 9.

726892: NORRIS DAM USA 45.5N 111.6W 1446m 1907-1980 20 1907
Sources:

Notes: Reliability: compared with 726893 & 726895 for the years 1907-1980 & 1912-1980. Correction Factors: Stations used: 726893 & 726895. Calculation dates: 1930-1980. Correction dates: 1907-1929. Factors: -4 0 4 10 13 10 12 10 7 12 2 9.

726893: WALLOWA USA 45.6N 117.5W 891m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 726894 & 726895 for the years 1903-1954 & 1912-1980.

726894: WESTON USA 45.8N 118.3W 984m 1891-1954 10 1891
Sources:

Notes: Reliability: compared with 726893 & 726895 for the years 1903-1954 & 1912-1980.

726895: UNION USA 45.2N 117.9W 842m 1911-1980 10 1912
Sources:

Notes: Reliability: compared with 726894 & 726893 for the years 1912-1954 & 1912-1980.

726931: PRINEVILLE USA 44.4N 120.9W 865m 1897-1980 80
Sources:

Notes: Reliability: compared with 726932 for the years 1897-1976.

726932: DAYVILLE USA 44.5N 119.5W 720m 1895-1978 10 1895
Sources:

Notes: Reliability: compared with 726941 for the years 1895-1963.

726933: BEND USA 44.1N 121.3W 1097m 1902-1980 80
Sources:

Notes: Reliability: compared with 726932 for the years 1902-1976.

726934: CORVALLIS USA 44.6N 123.2W 68m 1889-1980 80
Sources:

Notes: Reliability: compared with 726980 for the years 1890-1980.

726941: ALBANY USA 44.6N 123.1W 64m 1879-1963 10 1887
Sources:

Notes: Reliability: compared with 726932 for the years 1895-1963.

726980: PORTLAND USA 45.5N 122.7W 12m 1871-1980 10 1873
Sources:

Notes: Reliability: compared with 726890 for the years 1873-1980.

726982: CASCADE LOCKS USA 45.7N 121.9W 30m 1879-1954 10 1891
Sources:

Notes: Reliability: compared with 726980 for the years 1890-1954. 1901 coded as missing.

726983: THE DALLES USA 45.6N 121.2W 29m 1874-1980 80
Sources:

Notes: Reliability: compared with 726985 & 726988 for the years 1909-1967 & 1913-1967.

726984: VANCOUVER USA 45.7N 122.7W 64m 1898-1980 80
Sources:

Notes: Reliability: compared with 726980 for the years 1898-1980.

726985: HEADWORKS PORTLAND USA 45.5N 122.1W 228m 1899-1980 10 1909
Sources:

Notes: Reliability: compared with 726988 for the years 1913-1980.

726986: DUFUR USA 45.5N 121.1W 405m 1909-1980 80
Sources:

Notes: Reliability: compared with 726985 & 726988 for the years 1917-1980. Early years totally wrong.

726987: WIND RIVER USA 45.8N 121.9W 350m 1911-1977 80
Sources:

Notes: Reliability: compared with 726980 for the years 1914-1977.

726988: CONDON USA 45.2N 120.2W 862m 1907-1980 10 1913
Sources:

Notes: Reliability: compared with 726985 for the years 1913-1980.

726989: MCMINNVILLE USA 45.2N 123.2W 45m 1888-1980 80
Sources:

Notes: Reliability: compared with 726980 for the years 1888-1980.

727120: CARIBOU USA 46.9N 68.0W 191m 1961-1980 60
Sources:

Notes: Reliability: uncheckable.

727130: PRESQUE ISLE USA 46.7N 68.0W 185m 1918-1970 20 1918
Sources:

Notes: Reliability: compared with 726050 for the years 1918-1970. Correction Factors: Stations used: 726050. Calculation dates: 1941-1970. Correction dates: 1918-1940. Factors: 17 17 14 5 9 6 8 7 11 11 16 16.

727340: SAULT STE MARIE USA 46.5N 84.4W 220m 1888-1980 20 1888
Sources:

Notes: Reliability: compared with 727430 for the years 1888-1980. Corrected for move to Airport afer 1940. Correction Factors: Stations used: 727430. Calculation dates: 1942-1980. Correction dates: 1888-1940. Factors: -13 -11 -6 -4 2 3 6 9 6 0 -2 -12.

727427: CHATHAM USA 46.4N 86.9W 267m 1930-1970 10 1930
Sources:

Notes: Reliability: compared with 727430 & 727450 for the years 1930-1970.

727430: MARQUETTE USA 46.6N 87.4W 224m 1872-1977 10 1873
Sources:

Notes: Reliability: compared with 727450 & 727427 for the years 1904-1977 & 1930-1970.

727450: DULUTH USA 46.8N 92.1W 1871-1980 20 1904
Sources:

Notes: Reliability: compared with 727430 & 727427 for the years 1904-1980 & 1930-1950. Corrected for move to Airport. Correction Factors: Stations used: 727430 & 727427. Calculation dates: 1951-1970. Correction dates: 1904-1950. Factors: -17 -12 -13 -11 -2 2 -4 -10 -11 -10 -8 -12.

727470: INTERNATIONAL FALLS USA 48.6N 93.4W 361m 1951-1980 10 1951
Sources:

Notes: Reliability: compared with 727530 for the years 1951-1980.

727530: FARGO USA 46.9N 96.8W 273m 1881-1980 10 1881
Sources:

Notes: Reliability: compared with 727531 & 727551 for the years 1892-1980 & 1887-1980.

183

727531: FERGUS FALLS USA 46.3N 96.1W 402m 1887-1980 10 1892
Sources:

Notes: Reliability: compared with 727530 & 727551 for the years 1892-1980. 1976-1980 deleted as from different site.

727551: WINNIBIGOSHISH DAM USA 47.4N 94.1W 401m 1887-1980 10 1887
Sources:

Notes: Reliability: compared with 727530 & 727531 for the years 1887-1980 & 1892-1980.

727570: DEVILS LAKE (ND) USA 48.1N 98.9W 450m 1905-1970 10 1905
Sources:

Notes: Reliability: compared with 727645 & 727670 for the years 1921-1970 & 1905-1970.

727640: BISMARCK USA 46.8N 100.8W 506m 1875-1980 20 1875
Sources:

Notes: Reliability: compared with 727670 & 727681 for the years 1879-1980 & 1889-1980. Corrected for move after 1950. Correction Factors: Stations used: 727670 & 727681. Calculation dates: 1951-1980. Correction dates: 1878-1950. Factors: -13 -7 -8 -4 -8 -9 -7 -7 -9 -5 -5 -10.

727645: DICKINSON USA 46.9N 102.8W 750m 1921-1970 10 1921
Sources:

Notes: Reliability: compared with 727570 for the years 1921-1970.

727651: SAVAGE USA 47.5N 104.4W 605m 1905-1980 80
Sources:

Notes: Reliability: compared with 727670 for the years 1911-1980. Record shows trends.

727670: WILLISTON USA 48.2N 103.6W 579m 1879-1980 10 1879
Sources:

Notes: Reliability: compared with 727640 & 727681 for the years 1875-1980 & 1889-1980.

727681: GLENDIVE USA 47.1N 104.7W 632m 1889-1980 10 1889
Sources:

Notes: Reliability: compared with 727670 for the years 1889-1980.

727720: HELENA USA 46.6N 112.0W 1167m 1880-1980 20 1880
Sources:

Notes: Reliability: compared with 727790 & 727791 for the years 1896-1980 & 1906-1980. Corrected for move April 1940. Correction Factors: Stations used: 727790 & 727791. Calculation dates; 1941-1980. Correction dates: 1880-April 1940. Factors: -25 -20 -8 -6 -6 -7 -9 -8 -9 -6 -11 -17.

727725: RIMROCK USA 46.7N 121.1W 832m 1908-1977 10 1917
Sources:

Notes: Reliability: compared with 727886 for the years 1913-1977. 1920 coded as missing.

727730: MISSOULA USA 46.9N 114.1W 972m 1870-1980 80
Sources:

Notes: Reliability: compared with 727720 for the years 1886-1980.

727731: SAINT IGNATIUS USA 47.3N 114.1W 884m 1908-1980 80
Sources:

Notes: Reliability: compared with 727720 for the years 1909-1980.

727734: DOUGLAS USA 31.4N 109.6W 1200m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 722742 & 722744 for the years 1904-1980 & 1903-1980.

727736: KOOSKIA USA 46.1N 116.0W 384m 1908-1980 10 1908
Sources:

Notes: Reliability: compared with 727771 for the years 1912-1979. Years after 1975 ignored as from a new site.

727750: GREAT FALLS USA 47.5N 111.4W 1115m 1961-1980 10 1961
Sources:

Notes: Reliability: compared with 727770 for the years 1961-1980.

727752: CASCADE USA 47.2N 111.7W 1033m 1904-1980 10 1916
Sources:

Notes: Reliability: compared with 727720 & 727777 for the years 1904-1980 & 1904-1970.

727758: LEWISTOWN USA 47.1N 109.5W 1263m 1896-1980 80
Sources:

Notes: Reliability: compared with 727770 for the years 1896-1980.

727770: HAVRE USA 48.6N 109.8W 788m 1880-1980 10 1880
Sources:

Notes: Reliability: compared with 727752 & 727777 for the years 1904-1980 & 1905-1970.

727771: HAUGAN USA 47.4N 115.4W 945m 1908-1980 10 1912
Sources:

Notes: Reliability: compared with 727736 for the years 1912-1979.

727777: MALTA USA 48.4N 107.9W 687m 1905-1978 10 1905
Sources:

Notes: Reliability: compared with 727770 for the years 1905-1970.

727790: KALISPELL USA 48.3N 114.3W 904m 1896-1980 10 1896
Sources:

Notes: Reliability: compared with 727720 for the years 1896-1980.

727791: FORTINE USA 48.8N 114.9W 914m 1906-1980 10 1922
Sources:

Notes: Reliability: compared with 727790 for the years 1906-1980. Years before 1921 are odd!

727792: SANDPOINT USA 48.3N 116.6W 640m 1910-1980 20 1910
Sources:

Notes: Reliability: compared with 727771 & 729811 for the years 1912-1979 & 1914-1980. Correction Factors: Stations used: 727771 & 727811. Calculation dates: 1931-1979. Correction dates: 1910-1930. Factors: -2 -2 -6 -2 -4 -2 -4 -5 -3 -5 -3 -2.

727798: LIBBY USA 48.4N 115.5W 634m 1895-1980 20 1911
Sources:

Notes: Reliability: compared with 727771 & 727811 for the years 1912-1979 & 1914-1980. Correction Factors: Stations used: 727771 & 727811. Calculation dates: 1931-1979. Correction dates: 1911-1930. Factors: 6 9 1 0 0 -1 3 4 1 1 4 10.

727811: PRIEST RIVER USA 48.4N 116.8W 725m 1911-1980 10 1914
Sources:

Notes: Reliability: compared with 727771 for the years 1912-1979.

727812: TIETON INTAKE USA 46.7N 121.0W 695m 1908-1971 20 1909
Sources:

Notes: Reliability: compared with 727725 for the years 1917-1971. Correction Factors: Stations used: 727725. Calculation dates: 1949-1970. Correction dates: 1909-1947. Factors: -3 -1 -2 -5 -10 -14 -15 -11 -9 -3 -2 1.

727815: LONG BEACH USA 46.4N 124.0W 8m 1883-1980 10 1883
Sources:

Notes: Reliability: compared with 727886 for the years 1913-1980.

727830: LEWISTON USA 46.4N 117.0W 431m 1878-1980 80
Sources:

Notes: Reliability: compared with 727831 & 727832 for the years 1900-1980 & 1909-1980.

727831: MOSCOW UNIV. USA 46.7N 117.0W 810m 1892-1980 10 1892
Sources:

Notes: Reliability: compared with 727832 & 727833 for the years 1909-1980 & 1906-1980. 1919 coded as missing.

727832: NEZ PERCE USA 46.3N 116.3W 958m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 727833 & 727835 for the years 1918-1980 & 1909-1980.

727833: OROFINO USA 46.5N 116.3W 313m 1903-1980 10 1918
Sources:

Notes: Reliability: compared with 727832 & 727835 for the years 1918-1980.

727835: KELLOGG USA 47.5N 116.2W 704m 1905-1980 10 1905
Sources:

Notes: Reliability: compared with 727832 & 727833 for the years 1909-1980 & 1918-1980. 1968-1969 coded as missing.

727836: POMEROY USA 46.5N 117.6W 551m 1891-1980 80
Sources:

Notes: Reliability: compared with 727852 for the years 1900-1980.

727850: SPOKANE USA 47.7N 117.4W 721m 1881-1980 20 1881
Sources:

Notes: Reliability: compared with 727852 & 727855 for the years 1900-1980 & 1903-1980. Corrected for moves Aug 1947 & May 1965. Correction Factors: Stations used: 727852 & 727855. Calculation dates: 1966-1980. Correction dates: 1948-May 1965 & 1881-Aug 1947. Factors: i) 1881-Aug 1947: -15 -11 -8 -11 -10 -12 -12 -9 -8 -8 -11 -12. ii) 1948-May 1965: 6 6 5 3 6 7 7 6 7 6 6 8.

727852: WILBUR USA 47.8N 118.7W 658m 1900-1980 10 1900
Sources:

Notes: Reliability: compared with 727855 & 727857 for the years 1903-1980 & 1909-1980.

727855: ODESSA USA 47.3N 118.7W 469m 1903-1980 10 1903
Sources:

Notes: Reliability: compared with 727852 & 727857 for the years 1903-1980 & 1909-1980.

727856: WATERVILLE USA 47.7N 120.1W 798m 1890-1980 10 1890
Sources:

Notes: Reliability: compared with 727921 for the years 1894-1980.

727857: DAVENPORT USA 47.7N 118.1W 749m 1909-1980 10 1909
Sources:

Notes: Reliability: compared with 727852 & 727855 for the years 1909-1980.

727858: WALLACE WOODLAND USA 47.5N 115.9W 894m 1907-1980 10 1931
Sources:

Notes: Reliability: compared with 727897 for the years 1917-1980. Years prior to 1930 appear uncheckable.

727886: PROSSER 4 USA 46.3N 119.8W 275m 1913-1980 10 1913
Sources:

Notes: Reliability: compared with 727815 for the years 1913-1980.

727889: MILTON USA 46.0N 118.4W 255m 1914-1980 80
Sources:

Notes: Reliability: compared with 727886 for the years 1914-1980.

727891: ANACORTEZ USA 48.5N 122.6W 9m 1893-1980 80
Sources:

Notes: Reliability: compared with 727894 & 727922 for the years 1905-1980. Record shows trends.

727892: CONCONULLY USA 48.6N 119.8W 693m 1900-1980 40
Sources:

Notes: Reliability: compared with 727938 & 742074 for the years 1914-1980 & 1916-1980.

727893: BELLINGHAM USA 48.8N 122.5W 42m 1910-1980 80
Sources:

Notes: Reliability: compared with 727922 & 727920 for the years 1914-1980. Record shows trends.

727894: PORT TOWNSEND USA 48.1N 123.4W 30m 1873-1980 10 1890
Sources:

Notes: Reliability: compared with 742075 for the years 1891-1980.

727895: EVERETT USA 48.0N 122.2W 18m 1914-1980 20 1914
Sources:

Notes: Reliability: compared with 727923 & 742012 for the years 1914-1980. Correction Factors: Stations used: 727923 & 742012. Calculation dates: 1953-1980. Correction dates: 1914-1952. Factors: 0 3 2 4 5 6 8 7 7 5 1 0.

727896: LAURIER USA 49.0N 118.2W 501m 1910-1980 10 1910
Sources:

Notes: Reliability: compared with 727897 & 727898 for the years 1910-1980 & 1911-1980.

727897: PORTHILL USA 49.0N 116.5W 548m 1889-1980 10 1889
Sources:

Notes: Reliability: compared with 727898 & 727896 for the years 1911-1980 & 1910-1980.

727898: VALIER USA 48.3N 112.3W 1160m 1911-1980 10 1911
Sources:

Notes: Reliability: compared with 727897 & 727896 for the years 1911-1980.

727899: NEKPHLEM USA 48.1N 119.0W 576m 1915-1980 40
Sources:

Notes: Reliability: compared with 727938 & 742074 for the years 1915-1980 & 1916-1980.

727901: OLGA USA 48.6N 122.8W 24m 1890-1980 80
Sources:

Notes: Reliability: compared with 727922 & 727920 for the years 1911-1980. Record shows trends.

727902: WINTHROP USA 48.5N 120.2W 535m 1909-1980 10 1911
Sources:

Notes: Reliability: compared with 727856 & 727924 for the years 1911-1980 & 1914-1966.

727910: ASTORIA USA 46.2N 123.8W 3m 1853-1960 80
Sources:

Notes: Reliability: compared with 727894 & 742075 for the years 1890-1960 & 1891-1960.

727920: OLYMPIA USA 47.1N 122.9W 21m 1877-1980 82
Sources:

Notes: Reliability: compared with 727922 & 727894 for the years 1893-1980 & 1890-1980. Data gap 1956-1963 followed by site change, not corrected.

727921: SUNNYSIDE USA 46.3N 120.0W 227m 1894-1980 10 1894
Sources:

Notes: Reliability: compared with 727856 for the years 1894-1980.

727922: BLAINE USA 49.0N 122.7W 24m 1893-1980 10 1902
Sources:

Notes: Reliability: compared with 727894 for the years 1893-1980.

727923: CENTRALIA USA 46.7N 123.0W 56m 1890-1980 10 1902
Sources:

Notes: Reliability: compared with 742012 for the years 1902-1980.

727924: BUMPING LAKE USA 46.9N 121.3W 1048m 1910-1967 10 1914
Sources:

Notes: Reliability: compared with 727921 & 727936 for the years 1914-1966 & 1916-1966. 1950 coded as missing.

727930: SEATTLE AIRPORT USA 47.5N 122.3W 4m 1878-1965 80
Sources:

Notes: Reliability: compared with 727931 & 727935 for the years 1890-1965 & 1914-1980. Trends after 1940. Same data as 727931 before 1940.

727931: SEATTLE USA 47.7N 122.3W 6m 1878-1980 10 1941
Sources:

Notes: Reliability: compared with 727935 & 727933 for the years 1914-1980. Years before 1940 contain trends & jumps. Same data as 727930 before 1940.

727932: WENATCHEE USA 47.4N 120.3W 193m 1912-1980 40
Sources:

Notes: Reliability: compared with 727938 & 742074 for the years 1914-1980 & 1916-1980.

727933: BUCKLEY USA 47.2N 122.0W 208m 1913-1980 10 1914
Sources:

Notes: Reliability: compared with 727935 for the years 1914-1980.

727934: CEDAR LAKE USA 47.4N 121.7W 475m 1898-1980 10 1921
Sources:

Notes: Reliability: compared with 742072 for the years 1909-1977. Early years too warm & not correctable.

727935: KENT USA 47.4N 122.2W 12m 1912-1980 10 1914
Sources:

Notes: Reliability: compared with 727933 for the years 1914-1980.

727936: LANDSBURG USA 47.3N 121.2W 692m 1903-1980 10 1916
Sources:

Notes: Reliability: compared with 727921 & 727902 for the years 1916-1980.

727937: PUYALLUP USA 47.2N 122.3W 15m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 727935 & 727933 for the years 1914-1980.

727938: LEAVENWORTH USA 47.6N 120.7W 354m 1914-1980 10 1914
Sources:

Notes: Reliability: compared with 742074 & 727935 for the years 1916-1980 & 1914-1980.

187

727939: VASHON ISLAND USA 47.5N 122.5W 70m 1887-1955 10 1887
Sources:

Notes: Reliability: compared with 742012 & 727923 for the years 1897-1955 & 1902-1955.

727970: QUILLAYUTE USA 48.0N 124.6W 55m 1966-1980 10 1966
Sources:

Notes: Reliability: compared with 742011 for the years 1966-1980.

727980: TATOOSH ISLAND USA 48.4N 124.7W 26m 1883-1966 10 1883
Sources:

Notes: Reliability: compared with 742011 for the years 1914-1966.

742011: FORKS USA 48.0N 124.4W 106m 1907-1980 10 1914
Sources:

Notes: Reliability: compared with 727980 for the years 1914-1966.

742012: SEDRO WOOLEY USA 48.5N 122.2W 15m 1896-1980 10 1897
Sources:

Notes: Reliability: compared with 727939 & 727923 for the years 1897-1955 & 1902-1980.

742072: LAKE KACHESS USA 47.3N 121.2W 692m 1908-1977 10 1909
Sources:

Notes: Reliability: compared with 727935 & 742073 for the years 1914-1977. 1977 coded as missing.

742073: LAKE KEECHELUS USA 47.3N 121.3W 754m 1908-1977 10 1914
Sources:

Notes: Reliability: compared with 742074 for the years 1914-1977. 1920 coded as missing.

742074: RITZVILLE USA 47.1N 118.4W 557m 1899-1980 10 1916
Sources:

Notes: Reliability: compared with 727938 & 737935 for the years 1916-1980.

742075: ABERDEEN USA 47.0N 123.8W 3m 1891-1980 10 1891
Sources:

Notes: Reliability: compared with 727894 for the years 1891-1980.

742076: CLE ELUM USA 47.2N 121.0W 588m 1899-1980 10 1917
Sources:

Notes: Reliability: compared with 742072 for the years 1909-1977.

742077: SNOQUALMIE FALLS USA 47.5N 121.8W 134m 1898-1980 10 1925
Sources:

Notes: Reliability: compared with 742072 & 727935 for the years 1909-1977 & 1914-1980. Early years too warm.

744920: BLUE HILL OBS. USA 42.1N 71.2W 198m 1811-1980 10 1811
Sources:

Notes: Reliability: compared with 725045 & 725027 for the years 1811-1980 & 1822-1980.

760500: ENSENADA MEXICO 31.9N 116.6W 13m 1951-1978 40
Sources: A1

Notes: A1: 1951-1970; 31 53'N 116 38'W, alt = 15m. Means of 07, 14 & 21h local time. Reliability: compared with 762250 & 762550 for the years 1951-1978 & 1951-1978.

762250: CHIHUAHUA UNIV. DE MEXICO 28.6N 106.1W 1423m 1901-1980 10 1941
Sources: A1

Notes: A1: 1901-1920; 28 38'N 106 05'W, alt = 1423m. 1921-1935; 28 38'N 106 04'W, alt = 1423m. 1936-1940; 28 38'N 106 05'W, alt = 1423m. 1941-1960; 1/3(07 + 14 + 21) 90W meridian time. 28 38'N 106 04'W, alt = 1446m. 1961-1970; alt = 1423m. Reliability: compared with 764580 & 762550 for the years 1941-1980 & 1951-1980.

762430: PIEDRAS NEGRAS MEXICO 28.7N 100.5W 220m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1970; 28 42'N 100 32'W, alt = 220m. Means of 07, 14 & 21h local time. Reliability: compared with 763420 for the years 1951-1970.

762550: GUAYMAS MEXICO 27.9N 110.9W 4m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 27 55'N 110 53'W, alt = 4m. Means of 07, 14 & 21h local time. Reliability: compared with 762250 for the years 1951-1980.

763420: MONCLOVA MEXICO 26.9N 101.4W 586m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 26 55'N 101 25'W, alt = 587m. Means of 07, 14 & 21h local time. Reliability: compared with 763820 & 762430 for the years 1951-1980 & 1951-1970.

188

763810: CIUDAD LERDO (DGO) MEXICO 25.5N 103.5W 1140m 1951-1970 40
Sources: A1

Notes: A1: 1951-1970; 25 30'N 103 32'W, alt = 1140m. Means of 07, 14 & 21h local time. Reliability: compared with 763820 for the years 1951-1970.

763820: TORREON MEXICO 25.6N 103.4W 1150m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 25 34'N 103 25'W, alt = 1150m. Means of 07, 14 & 21h local time. Reliability: compared with 763420 & 763930 for the years 1951-1980.

763900: SALTILLO (COAH) MEXICO 25.4N 101.0W 1609m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1970; 25 26'N 101 00'W, alt = 1609m. Means of 07, 14 & 21h local time. Reliability: compared with 763820 & 763930 for the years 1951-1970.

763930: MONTERREY MEXICO 25.7N 100.3W 534m 1902-1980 10 1905
Sources: A1

Notes: A1: 1921-1930; means of observations taken at 07, 14 & 21h 90W meridian time. 25 40'N 100 18'W, alt = 528m. 1931-1940; 1/3(07 + 14 + 21) 90W meridian time. 1941-1970; alt = 534m. Rdliability: compared with 764580 for the years 1905-1980.

764050: LA PAZ MEXICO 24.1N 110.3W 18m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 24 10'N 110 12'W, alt = 18m. Means of 07, 14 & 21h local time. Reliability: compared with 764580 for the years 1951-1980.

764580: MAZATLAN MEXICO 23.2N 106.4W 3m 1880-1980 20 1880
Sources: A1

Notes: A1: 1880-1911; means of (hours not given). Alt = 4m. 1921-1970; 1/3(07 + 14 + 21) 90W meridian time. 1931-1970; alt = 78m. Reliability: compared with 765750 & 766850 for the years 1889-1970 & 1880-1970. Corrected for a site change. Correction Factors: Stations used: 765750 & 766850. Calculation dates: 1921-1960. Correction dates: 1880-1911. Factors: -22 -24 -29 -12 -8 -7 -8 -9 -12 -14 -16 -19.

765250: ZACATECAS MEXICO 22.8N 102.6W 2612m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 22 47'N 102 34'W, alt = 2612m. Means of 07, 14 & 21h local time. Reliability: compared with 764580 & 765480 for the years 1951-1980.

765480: TAMPICO MEXICO 22.2N 97.9W 13m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1960; 22 12'N 97 51'W, alt = 20m. Means of 07, 14 & 21h local time. 1961-1970; alt = 18m. Reliability: compared with 764580 & 765770 for the years 1951-1980.

765750: LEON (GTO) MEXICO 21.1N 101.7W 1809m 1878-1970 10 1889
Sources: A1

Notes: A1: Alt; 1809m. 1879-1920; means of (hours not given). 1921-1970; means of 1/3(07 + 14 + 21) 90W meridian time. Reliability: compared with 766850 for the years 1889-1970.

765770: GUANAJUATO MEXICO 21.0N 101.3W 2037m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 21 01'N 101 15'W, alt = 2073m. Means of 07, 14 & 21h local time. Reliability: compared with 765750 & 765250 for the years 1951-1980.

765930: PROGRESSO (YUC) MEXICO 21.3N 89.7W 14m 1906-1970 10 1941
Sources: A1

Notes: A1: 1906-1940; 21 17'N 89 40'W, alt = 14m. 1941-1970; 1/3(07 + 14 + 21) 90W meridian time. Reliability: compared with 766440 for the years 1941-1970.

766120: GUADALAJARA MEXICO 20.7N 103.3W 1589m 1951-1980 40
Sources: A1

Notes: A1: 1951-1970; 20 41'N 103 20'W, alt = 1589m. Means of 07, 14 & 21h local time. Reliability: compared with 765250, 765770 & 765750 for the years 1951-1980.

766440: MERIDA MEXICO 21.0N 89.6W 22m 1895-1980 10 1895
Sources: A1

Notes: A1: 1895-1920; alt = 22m. Means of (hours not given). 1921-1930; means of 07, 14 & 21h 90W meridian time. 1931-1970; 1/3(07 + 14 + 21) 90W meridian time. 1951-1970; thermometers are in wooden sheds. Reliability: compared with 766850 & 783250 for the years 1895-1970.

766540: MANZANILLO MEXICO 19.1N 104.3W 6m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 19 04'N 104 20'W, alt = 8m. Means of 07, 14 & 21h local time. Reliability: compared with 766797 for the years 1951-1973.

766650: MORELIA MEXICO 19.7N 101.1W 1923m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 19 52'N 101 07'W, alt = 1923m. Means of 07, 14 & 21h local time. Reliability: compared with 766797 for the years 1951-1973.

766790: MEXICO CITY MEXICO 19.4N 99.1W 2234m 1878-1978 20 1878
Sources: A1

Notes: A1: 1878-1940; Means of 1/3(07 + 14 + 21) 105W meridian time. 1878-1920; Alt = 2259m. 1921-1950; Alt = 2250m. 1941-1950; Means of 1/2(max + min). 1951-1970; 1/3(07 + 14 + 21) local time. Reliability: compared with 765750 & 766850 for the years 1889-1950 & 1878-1950. 1951-1978 temp deleted. Corrected for a height change 1923/1924. Correction Factors: Stations used: 765750 & 766850. Calculation dates: 1924-1940. Correction dates: 1878-1923. Factors: 7 5 8 8 9 9 8 7 6 5 7 5.

766797: TACUBAYA U/A MEXICO 19.4N 99.2W 2306m 1921-1973 10 1921
Sources: A1

Notes: A1: 1921-1930; means of 24 hours 105W meridian time. 19 24'N 99 12'W, alt = 2309m. 1931-1940; means of 24 hours 90W meridian time. 19 24'N 99 06'W, alt = 2309m. 1941-1960; 1/3(07 + 14 + 21) 90W meridian time. 19 24'N 99 12'W, alt = 2309m. Reliability: compared with 766850 for the years 1921-1970.

766800: CIUDAD OF MEXICO MEXICO 19.4N 99.2W 2309m 1961-1980 61
Sources: A1

Notes: A1: Means of 07, 14 & 21h local time. Alt = 2309m. Reliability: uncheckable.

766850: PUEBLA MEXICO 19.0N 98.2W 2150m 1878-1970 10 1878
Sources: A1

Notes: A1: Means of 1/3(07 + 14 + 21) 90W meridian time. Alt; 2150m. Reliability: compared with 765750 for the years 1889-1970.

766870: JALAPA MEXICO 19.5N 96.9W 1399m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1970; 19 32'N 96 55'W, alt = 1399m. Means of 07, 14 & 21h local time. Reliability: compared with 766920 for the years 1951-1970.

766920: VERACRUZ YLANG YLANG MEXICO 19.2N 96.1W 13m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 19 12'N 96 08'W, alt = 16m. Means of 07, 14 & 21h local time. Reliability: compared with 767410 for the years 1951-1980.

766950: CAMPECHE (CAMP) MEXICO 19.9N 90.5W 25m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1970; 19 51'N 90 32'W, alt = 25m. Means of 07, 14 & 21h local time. Reliability: compared with 766440 for the years 1951-1970.

767410: COATZACOALCOS MEXICO 18.2N 94.4W 14m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 18 09'N 94 25'W, alt = 14m. Means of 07, 14 & 21h local time. Reliability: compared with 766920 for the years 1951-1980.

767460: CIUDAD OBREGON MEXICO 18.5N 92.7W 2m 1952-1970 31
Sources: A1

Notes: A1: 1952-1960; 18 32'N 92 39'W, alt = 2m. Means of 07, 14 & 21h local time. 1961-1970; alt = 39m. Reliability: complete rubbish! 1961-1970 is 5C cooler than 1952-1960.

767500: CHETUMAL MEXICO 18.5N 88.3W 4m 1961-1980 61
Sources: A1

Notes: A1: 1/3(07 + 14 + 21) 90W meridian time. No other details available. Reliability: uncheckable.

767750: OAXACA MEXICO 17.1N 96.7W 1563m 1922-1980 10 1922
Sources: A1

Notes: A1: 1922-1930; Means of 07, 14 & 21 90W meridian time. 17 04'N 96 42'W, alt = 1563m. 1931-1940; 1/3(07 + 14 + 21) 90W meridian time. 1941-1960; 17 04'N 96 48'W, alt = 1563m. 1961-1970; 17 04'N 96 43'W, alt = 1563m. Reliability: compared with 766850 & 766440 for the years 1922-1970 & 1922-1980.

768050: ACAPULCO MEXICO 16.8N 99.9W 3m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 16 50'N 99 56'W, alt = 3m. Means of 07, 14 & 21h local time. Reliability: compared with 768330 for the years 1951-1980.

768330: SALINA CRUZ MEXICO 16.2N 95.2W 4m 1903-1980 10 1941
Sources: A1

Notes: A1: 1903-1920; 16 10'N 95 12'W, alt = 56m. 1921-1930; 16 12'N 95 12'W, alt = 56m. 1931-1940; 16 10'N 95 12'W, alt = 56m. 1941-1960; 1/3(07 + 14 + 21) 90W meridian time. 16 10'N 95 12'W, alt = 56m. 1961-1970; 16 12'N 95 12'W, alt = 56m. Reliability: compared with 766797 & 768050 for the years 1941-1973 & 1951-1980.

190

768450: LAS CASAS MEXICO 16.7N 92.6W 2128m 1951-1980 80
Sources: A1

Notes: A1: 1951-1970; 16 44'N 92 38'W, alt = 2128m. Means of 07, 14 & 21h local time. Reliability: compared with 768050 for the years 1951-1980. Record shows a cooling trend.

769030: TAPACHULA MEXICO 14.9N 92.3W 168m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1970; 14 54'N 92 16'W, alt = 168m. Means of 07, 14 & 21h local time. Reliability: compared with 766950 & 766440 for the years 1951-1970 & 1951-1980.

780160: KINDLEY FIELD BERMUDA 32.3N 64.8W 6m 1856-1977 10 1931
Sources: A1, A7

Notes: A7: Means of 1/2(max + min). Observations were also taken at the following times; 1856-1865; 0930 & 1530h, 1866-1886; 09 & 15h. Site; 1856-1862; 32.4N 64.7W, alt = 38m. 1863-1869; alt = 19m. 1870-1876; alt = 37m. A1: 1951-1970; St. Georges, 32 22'N 64 41'W, alt = 6m. Means of 1/2(max + min). Reliability: compared with 780730 & 785260 for the years 1931-1977. Correct values for 1961-1970 have been inserted from 780167.

780167: BERMUDA NAVAL STA. BERMUDA 32.3N 64.9W 13m 1951-1970 80
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: compared with 780160 for the years 1951-1970. Data merged & checked with station 780160 & this record ignored.

780187: BOTANICAL GRDNS. BERMUDA 32.3N 64.7W 19m 1856-1960 10 1856
Sources: A1, A7, A144

Notes: A1: 1866-1910; means of 1/4(09 + 21 + max + min), sometimes corrected as explained on p85, vol 79. 1911-1920; 1/4(0841 + 2041 + max + min), except for April-Oct 1919, which were 1/4(0730 + 1930 + max + min). No corrections were made. 1921-1930; 1/4(0830 + 2030 + max + min). 1931-1950; 1/2(max + min). Rain was measured at 0800. In March 1932 the station moved from Prospect, 32.3N 64.8W to, Saint George, 32.4N 64.7W. 1951-1960; Botanical Gardens, 1/2(daily max + daily min). NB. Prior to May 1908 observations made at Hamilton & considered inaccurate. From May 1908 made at Prospect & from April 1930 at St. George. A7: Temp; 1/2(max + min). Obs. also taken at same time as Press; 1/2(0930 + 1530). Corrected for index error & reduced to 32F but not to sea level. No correction for gravity applied. A144: No details available. Reliability: compared with 780730 for the years 1856-1960.

780730: NASSAU INT AP. BAHAMAS 25.1N 77.4W 10m 1855-1980 20 1855
Sources: A1, A7

Notes: A1: 1/2(max + min). 1874-1920; some values computed from AM obs., corrections on p98, vol 79. Alt: 1871-1884; 44ft, 1885-Oct 1891; 47ft, Sept 1895-Oct 1913; 25ft, Nov 1913-June 1920; 12ft. 1940 moved 3 miles, from 25 05'N 77 21'W to 25 05'N 77 23'W, 18ft. Moved Nov 1957 to Airport from site 6 miles away; 25 03'N 77 28'W, 10m. 1961-1970; means of 8 3-hourly obs. Alt; 7m. New Providence AP; 25 03'N 77 28'W. A7: 1/2(max + min). Site; 25 04'N 77 20'W, alt = 6m. Reliability: compared with 783250 & 784390 for the years 1871-1980 & 1864-1967. Corrected for a site change 1940/1941. Correction Factors: Stations used: 783250 & 784390. Calculation dates: 1941-1960. Correction dates: 1855-1940. Factors: -14 -13 -11 -10 -9 -5 -3 -8 -9 -11 -11 -13.

781090: ABRAHAMS BAY BAHAMAS 22.4N 75.5W 3m 1951-1970 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; 22 22'N 75 28'W, alt = 3m. Reliability: compared with 780730 for the years 1951-1970.

782550: CAMAGUEY CUBA 21.4N 77.9W 1961-1970 61
Sources: A1

Notes: A1: 1951-1960; 21 24'N 77 55'W, alt = 121m. 1/2(max + min). 1961-1970; 21 25'N 77 51'W, alt = 110m. Reliability: uncheckable.

783100: CABO S ANTONIO CUBA 21.9N 85.0W 9m 1951-1970 10 1952
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 21 52'N 84 58'W, alt = 9m. 1961-1970; 21 52'N 84 57'W. Reliability: compared with 783250 for the years 1952-1970.

783130: GUANE CUBA 22.2N 84.1W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 22 11'N 84 05'W, alt = 23m. 1/2(max + min). Reliability: uncheckable.

783170: PASO REAL/SAN DIEGO CUBA 22.6N 83.3W 41m 1951-1970 10 1952
Sources: A1

Notes: A1: 1/2(max + min). 1951-1967; 22 35'N 83 20'W, alt = 41m. Station moved, less than 3 kms, in 1968 to 22 33'N 83 19'W. Reliability: compared with 783250 for the years 1952-1970.

783217: CALETA GRANDE CUBA 21.5N 83.1W 1951-1960 61
Sources: A1

Notes: A1: 1951-Sept 1955; Carapachibey, 21 28'N 82 56'W, alt = 5m. Jan 1956-1960; Caleta Grande, 21 30'N 83 08'W. 1/2(max + min). Reliability: uncheckable.

783247: SAN ANTONIO CUBA 22.9N 81.9W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 22 55'N 81 52'W. 1/2(max + min). Reliability: uncheckable.

783250: CASA BLANCA CUBA 23.1N 82.4W 1859-1980 20 1871
Sources: A1, A140

Notes: A1: 1871-1920; means of 10 bi-hourly observations, (04 to 22h). Prior to 1897 the thermometers had a northerly exposure & were indoors, protected by glass & shutters. After 1897 they were in a box with double shutters, on the roof. The readings tend to be rather high, because of the lack of observations between 24 & 03h. 1921-1930; means as above, local meridian time. Alt = 77m. 1931-1960; means of 12 bi-hourly observations, 75W meridian time. 1951-1960; alt = 49m. A140: No details available. Reliability: compared with 780730 & 766440 for the years 1871-1980 & 1895-1980. Correction Factors: Stations used: 780730. Calculation dates: 1885-1940. Correction dates: 1871-1884. Factors: -3 -6 -9 -12 -18 -18 -10 -11 -10 -9 -8 -5.

783260: ESCUELA TECH CUBA 23.1N 81.6W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 23 03'N 81 34'W, alt = 54m. 1/2(max + min). Reliability: uncheckable.

783390: SANTA CLARA CUBA 22.4N 79.9W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 22 26'N 79 54'W, alt = 9m. Reliability: uncheckable.

783480: CAIBARIEN CUBA 22.5N 79.5W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 22 31'N 79 29'W. Reliability: uncheckable.

783487: TUINUCU CUBA 22.0N 79.5W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 21 59'N 79 27'W. 1/2(max + min). Reliability: uncheckable.

783490: SANCTI SPIRITUS CUBA 21.9N 79.5W 50m 1951-1970 61
Sources: A1

Notes: A1: 1951-1964; 21 56'N 79 27'W. In 1965 station moved less than 3 kms to 60m. 1/2(max + min). Reliability: uncheckable.

783530: CAYO PAREDONE GRANDE CUBA 22.5N 78.2W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 22 29'N 78 09'W. 1/2(max + min). Reliability: uncheckable.

783547: CENTRAL ELIA CUBA 22.1N 78.7W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). No other details available. Reliability: uncheckable.

783550: CAMAGUEY CUBA 21.4N 77.9W 1951-1960 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

783600: CABO CRUZ/ORIENTE CUBA 19.9N 77.6W 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 51'N 77 38'W. 1/2(max + min). 1961-1970; 19 51'N 77 44'W. Reliability: uncheckable.

783630: GIBARA CUBA 21.1N 76.1W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 21 07'N 76 08'W, alt = 10m. 1/2(max + min). Reliability: uncheckable.

783640: SANTIGO DE CUBA CUBA 20.1N 75.8W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 20 03'N 75 49'W, alt = 3m. Reliability: uncheckable.

783670: GUANTANAMO NAS CUBA 19.9N 75.2W 23m 1946-1970 10 1946
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 19 54'N 75 09'W, alt = 23m. Reliability: compared with 784390 & 783250 for the years 1946-1967 & 1946-1970.

783690: PUNTA MAISI CUBA 20.3N 74.2W 6m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 20 16'N 74 09'W, alt = 6m. 1961-1970; 20 15'N 74 09'W. Reliability: uncheckable.

192

783830: GRAND CAYMAN CAYMAN IS. 19.3N 81.4W 1952-1960 61
Sources: A1

Notes: A1: 1952-1960; 19 18'N 81 22'W, alt = 3m. 1/2(max + min). Reliability: uncheckable.

783870: NEGRIL POINT LIGHTHO JAMAICA 18.3N 78.4W 8m 1901-1970 20 1931
Sources: A1

Notes: A1: 1931-1940; means of 4-hourly observations 75W meridian time. 18 15'N 78 23'W, alt = 33ft. 1941-1960; 1/2(max + min). 1951-1960; alt = 10m. Reliability: compared with 783970 & 783250 for the years 1943-1970 & 1931-1970. Corrected for a jump caused by changing observation times, from mean of 3 fixed hours prior to 1961 to 1/2(max + min) after 1961. This change produced a difference of 3-5C! Correction Factors: Stations used: 783970. Calculation dates: 1961-1970. Correction dates: 1931-1960. Factors: 53 51 53 52 52 45 51 48 48 44 47 49.

783880: MONTEGO BAY JAMAICA 18.5N 77.9W 1938-1980 62
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

783970: KINGSTON JAMAICA 17.9N 76.8W 3m 1852-1980 10 1852
Sources: A1, A7

Notes: A7: Alt; 69m. Temp; Means of 1/2(max + min). Observations were also taken at same time as Press; 1852-1853; 1/2(0930 + 2130), 1854-1863; 1/2(0930 + 1530), 1864-1880; 1/2(09 + 15). Corrected for index error and reduced to 32F, but not to mean sea level. No gravity correction applied. A1: Palisadoes Airport. Means of 1/2(max + min). 1951-1960; alt = 7m, 1961-1970 = 14m. Reliability: compared with 783250 & 780730 for the years 1943-1980. Station data not as printed in WWR but seems correct & does not have jump caused by changing observation times as do other Jamaican stations.

783977: CINCHONA GARDENS JAMAICA 18.1N 76.7W 1492m 1901-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 04'N 76 39'W, alt = 1492m. Reliability: uncheckable.

783990: MORANT POINT LIGHTHO JAMAICA 17.9N 76.2W 2m 1901-1970 20 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 17 56'N 76 10'W, alt = 2m. 1961-1970; 17 55'N 76 11'W. Reliability: compared with 783970 for the years 1951-1970. Corrected for a jump caused by changing observation times, from mean of 3 fixed hours prior to 1961 to 1/2(max + min) after 1961. Produced a difference of 3-5C. Correction Factors: Stations used: 783970. Calculation dates: 1961-1970. Correction dates: 1951-1960. Factors: 25 28 26 31 30 27 28 25 31 30 32 30.

784090: CAP-HAITIEN HAITI 19.8N 72.2W 3m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 46'N 72 12'W, alt = 15m. 1961-1970; 19 45'N 72 12'W, alt = 2m. Reliability: uncheckable.

784390: PORT-AU-PRINCE HAITI 18.6N 72.4W 41m 1863-1967 10 1864
Sources: A1, A29, A43

Notes: A1: 1888-1960; 1/4(07 + 13 + 21 + 21) 75W meridian time. Alt = 38m. 1951-1960; alt = 41m. A29: 1/2(max + min). Alt; 57m. A43: Temp; 1/2(max + min). Observations were also taken at same time as Press; 1888-1889; 1/3(0712 + 1300 + 2100), 1890; 1/3(0719 + 1300 + 2100), 1891-1892; 1/3(0712 + 1300 + 2100), 1893-1902; 1/3(07 + 13 + 21), 1903-1904; 1/3(07 + 14 + 21), 1905-1910; 1/3(07 + 13 + 21). Alt; 1888 = 27m, 1889-1902 = 36m, 1903 = 12m, 1905-1910 = 37m. Reliability: compared with 780730 & 783250 for the years 1864-1967 & 1871-1967.

784470: CAYES HAITI 18.2N 73.7W 49m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 18 11'N 73 41'W, alt = 7m. 1961-1970; 18 12'N 73 45'W. Reliability: uncheckable.

193

784487: MONTE CRISTI HAITI 19.9N 71.7W 1951-1960 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 19 51'N 71 38'W. Reliability: uncheckable.

784510: MONTE CRISTI DOMINICA 19.9N 71.6W 1961-1970 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 19 51'N 71 39'W, alt = 15m. 1961-1970; 19 51'N 71 38'W. Reliability: uncheckable.

784550: DAJABOU DOMINICA 19.6N 71.7W 1961-1968 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

784567: SANTIAGO RODRIQUEZ DOMINICA 19.5N 71.4W 150m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 29'N 71 21'W, alt = 150m. 1961-1970; 19 28'N 71 20'W, alt = 120m. 1/2(max + min). Reliability: uncheckable.

784570: PUERTO PLATA DOMINICA 19.8N 70.7W 6m 1951-1978 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 19 48'N 70 41'W, alt = 6m. 1961-1970; 19 49'N 70 42'W. Reliability: compared with 784627 for the years 1951-1970.

784577: MONCION DOMINICA 19.4N 71.2W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 19 24'N 71 09'W, alt = 36m. Reliability: uncheckable.

784587: SAN FRAN. DE MACORIS DOMINICA 19.3N 70.3W 130m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 19 17'N 70 15'W, alt = 130m. Nov 1953-Dec 1954 only; 19 18'N 70 15'W. 1/2(max + min). 1961-1970; alt = 110m. Reliability: compared with 784570 for the years 1951-1970.

784597: SAN JOSE DOMINICA 19.3N 70.9W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 19 20'N 70 56'W, alt = 52m. Reliability: uncheckable.

784600: SANTIAGO DE LOS CAB. DOMINICA 19.4N 70.7W 222m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 26'N 70 42'W, alt = 222m. 1961-1970; 1/2(max + min). 19 27'N 70 42'W, alt > 180m. Reliability: uncheckable.

784607: CONSTANZA DOMINICA 18.9N 70.7W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 54'N 70 44'W, alt = 116m. Reliability: uncheckable.

784610: MOCA DOMINICA 19.4N 70.5W 1961-1968 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

784617: COTUI DOMINICA 19.1N 70.1W 67m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 03'N 70 08'W, alt = 67m. 1961-1970; 19 03'N 70 09'W. 1/2(max + min). Reliability: uncheckable.

784627: LA VEGA DOMINICA 19.2N 70.5W 109m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 19 13'N 70 31'W, alt = 109m. 1/2(max + min). 1961-1970; 19 13'N 70 32'W, alt = 90m. Reliability: compared with 784637 for the years 1951-1970.

784637: VALVERDE DOMINICA 19.6N 71.1W 95m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 19 34'N 71 04'W, alt = 95m. 1/2(max + min). 1961-1970; 19 33'N 71 04'W, alt = 70m. Reliability: compared with 784627 for the years 1951-1970.

784640: CABRERA DOMINICA 19.6N 69.9W 15m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 19 37'N 69 53'W, alt = 15m. 1961-1970; 19 38'N 69 54'W, alt = 10m. 1/2(max + min). Reliability: uncheckable.

784670: SABANA DELA MAR DOMINICA 19.1N 69.4W 11m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 19 03'N 69 22'W, alt = 11m. 1961-1970; 19 03'N 69 25'W. Reliability: compared with 784627 for the years 1951-1970.

784677: JARABACOA DOMINICA 19.1N 70.6W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 19 07'N 70 38'W, alt = 52m. Reliability: uncheckable.

784697: SAMANA DOMINICA 19.2N 69.3W 4m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 19 12'N 69 19'W, alt = 4m. 1961-1970; 19 12'N 69 20'W. 1/2(max + min). Reliability: compared with 784627 for the years 1951-1970.

784707: SANCHEZ DOMINICA 19.2N 69.6W 3m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 19 13'N 69 36'W, alt = 3m. 1/2(max + min). 1961-1970; alt = 10m. Reliability: compared with 784697 for the years 1951-1970.

784780: CABO ENGANO DOMINICA 18.6N 68.3W 3m 1951-1970 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 18 36'N 68 17'W, alt = 3m. 1961-1970; 18 37'N 68 19'W. Reliability: compared with 784697 for the years 1951-1970.

784797: LA ROMANA DOMINICA 18.4N 69.0W 5m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 18 24'N 68 57'W, alt = 5m. 1/2(max + min). 1961-1970; 18 25'N 68 58'W, alt = 2m. Reliability: compared with 784697 for the years 1951-1970.

784800: SAN JUAN DE LA MAG. DOMINICA 18.8N 71.2W 409m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 18 48'N 71 13'W, alt = 409m. 1961-1970; 18 48'N 71 14'W, alt = 41m. Reliability: compared with 784797 for the years 1951-1970.

784817: NEYBA DOMINICA 18.5N 71.4W 5m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 18 28'N 71 24'W, alt = 5m. 1961-1970; 18 28'N 71 25'W, alt = 10m. 1/2(max + min). Reliability: uncheckable.

784820: BARAHONA DOMINICA 18.2N 71.1W 10m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 18 12'N 71 04'W, alt = 10m. 1961-1970; 18 12'N 71 06'W, alt = 10m. Reliability: uncheckable.

784837: EL SEYBO DOMINICA 18.8N 69.0W 115m 1951-1970 10 1952
Sources: A1

Notes: A1: 1951-1960; 18 45'N 69 01'W, alt = 115m. 1/2(max + min). 1961-1970; 18 46'N 69 02'W, alt = 80m. Reliability: compared with 784840 for the years 1951-1970.

784840: SAN CRISTOBAL DOMINICA 18.4N 70.1W 43m 1951-1970 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 18 24'N 70 06'W, alt = 43m. 1961-1970; 18 25'N 70 06'W, alt = 40m. Reliability: compared with 784837 for the years 1951-1970.

784850: CABO CAUCEDO DOMINICA 18.4N 69.7W 1961-1968 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

784860: SANTO DOMINGO DOMINICA 18.5N 69.9W 14m 1951-1980 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 18 28'N 69 53'W, alt = 14m. 1961-1970; 18 29'N 69 55'W, alt = 10m. Reliability: compared with 784867 for the years 1951-1970.

784867: AZUA DOMINICA 18.5N 70.8W 81m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 18 27'N 70 46'W, alt = 81m. Dec 1954 only; 18 02'N 70 43'W. 1/2(max + min). 1961-1970; 18 27'N 70 44'W, alt = 70m. Reliability: compared with 784860 for the years 1951-1970.

784877: MONTE PLATA DOMINICA 18.8N 69.8W 49m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 18 48'N 69 46'W, alt = 49m. 1/2(max + min). 1961-1970; 18 48'N 69 47'W, alt = 50m. Reliability: uncheckable.

784887: SAN PEDRO DE MACORIS DOMINICA 18.4N 69.3W 4m 1951-1970 80
Sources: A1

Notes: A1: 1951-1960; 18 25'N 69 19'W, alt = 4m. 1/2(max + min). 1961-1970; 18 27'N 69 18'W. Reliability: compared with 784840 for the years 1951-1970.

785010: SWAN ISLAND PUERTO RICO 17.4N 83.9W 11m 1914-1980 10 1917
Sources: A1

Notes: A1: June 1914-Nov 1932; 17 24'N 83 56'W, alt = 28m. (1928-1932 observations for July-Nov only.) Sept 1938-Nov 1939; Weather Bureau (July-Nov only). Sept 1955-Sept 1956; Navy Building, alt = 26m. Sept 1956-1960; Observations Building, alt = 28m. 1/2(max + min). 1961-1970; 17 25'N 83 57'W. Reliability: compared with 783250 & 766440 for the years 1917-1980.

785107: ARECIBO PUERTO RICO 18.5N 66.7W 5m 1951-1970 10 1951
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 28'N 66 42'W. Reliability: compared with 785157 & 785200 for the years 1951-1970.

785127: BARRANQUITAS PUERTO RICO 18.2N 66.3W 610m 1951-1970 80
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 10'N 66 19'W, alt = 610m. Reliability: compared with 785107 for the years 1951-1970.

785157: LAJAS PUERTO RICO 18.0N 67.1W 30m 1947-1970 10 1951
Sources: A1

Notes: A1: April 1947-1960; Agricultural Experimental Station, 18 02'N 67 05'W, alt = 100m. 1/2(max + min). 1961-1970; 18 03'N 67 03'W, alt = 20m. Reliability: compared with 785107 & 785200 for the years 1951-1970.

785167: MAYAGUEZ PUERTO RICO 18.2N 67.1W 24m 1899-1970 10 1899
Sources: A1

Notes: A1: Means of 1/2(max + min). 1899-1960; alt = 80m, 1961-1970 = 3m. Reliability: compared with 785260 for the years 1899-1970.

785200: PONCE PUERTO RICO 18.0N 66.6W 9m 1951-1970 10 1951
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 01'N 66 34'W. Reliability: compared with 785107 & 785157 for the years 1951-1970.

785217: AGUIRRE PUERTO RICO 18.0N 66.2W 15m 1899-1970 40
Sources: A1

Notes: A1: Means of 1/2(max + min). 1899-1960; alt = 20m. 1961-1970; 17 58'N 66 13'W. Reliability: compared with 785260 for the years 1899-1960.

785227: COLOSO PUERTO RICO 18.4N 67.2W 12m 1951-1970 10 1951
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 23'N 67 09'W, alt = 12m. Reliability: compared with 785237 for the years 1951-1970.

785237: COROZAL SUBSTATION PUERTO RICO 18.3N 66.4W 198m 1951-1970 10 1951
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 20'N 66 22'W, alt = 198m. Reliability: compared with 785327 for the years 1951-1970.

785260: SAN JUAN PUERTO RICO 18.5N 66.1W 19m 1899-1980 20 1899
Sources: A1

Notes: A1: 1898-1920; means reduced to means of 24 hours. Alt = 82ft. 1921-1970; 1/2(max + min). Alt; 1951-1960 = 47m. Reliability: compared with 785167 & 784860 for the years 1899-1970 & 1951-1980. Correction Factors: Stations used: 784860. Calculation dates: 1970-1980. Correction dates: 1899-1969. Factors: 8 6 6 5 9 6 5 5 6 7 7 8.

785317: HUMACAO PUERTO RICO 18.1N 65.8W 17m 1951-1970 40
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 08'N 65 50'W, alt = 17m. Reliability: compared with 785227 for the years 1951-1970.

785327: ISABELA SUBSTATION PUERTO RICO 18.5N 67.1W 128m 1951-1970 10 1951
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 28'N 67 04'W, alt = 128m. Reliability: compared with 785237 for the years 1951-1970.

785357: JUNCOS PUERTO RICO 18.3N 65.9W 61m 1951-1970 80
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 18 15'N 65 55'W, alt = 61m. Reliability: compared with 785227 for the years 1951-1970.

785367: FAJARDO PUERTO RICO 18.3N 65.7W 12m 1899-1970 40
Sources: A1

Notes: A1: Means of 1/2(max + min). 1899-1960; alt = 40m, 1961-1970 = 12m. Reliability: compared with 785260 & 785167 for the years 1899-1970.

785430: C AMALIE-TRUMAN ST. THOMAS 18.3N 65.0W 5m 1948-1960 61
Sources: A1

Notes: A1: July-Aug 1948; 18 21'N 64 58'W, alt = 130m, Bourne Field 2 miles W of Charlotte Amalie. Aug 1948; 18 20'N 64 58'W, alt = 15m. 1/2(max + min). Reliability: uncheckable.

785447: CHARLOTTE AMALIE ST. THOMAS 18.4N 64.9W 5m 1917-1970 10 1917
Sources: A1

Notes: A1: 1917-Nov 1958; 18 21'N 64 56'W, alt = 38m. Station moved 200 yards ESE in Nov 1958 to 15m. 1/2(max + min). Reliability: compared with 785260, 785487 & 785167 for the years 1917-1970, 1917-1960 & 1917-1970.

785470: CHRISTIANSTED ST. CROIX 17.7N 64.8W 17m 1941-1970 61
Sources: A1

Notes: A1: 1/2(max + min). April 1941-Feb 1946; Benedict Field, 7 miles WSW of Christiansted. Site changes occurred in June 1947 & Feb 1954, no details given. In April 1949 site moved to Alexander Hamilton Field, 17 42'N 64 48'W. Alt changed at some unknown date from 53 to 16m. Reliability: uncheckable.

785487: ANNAS HOPE ST. CROIX 17.8N 64.7W 52m 1876-1970 10 1876
Sources: A1

Notes: Also known as Christiansted, prior to 1931. A1: 1876-1930; means of 1/3(08 + 14 + 21). Alt; 7m. 1931-1950; 1/2(08 + 21). 1951-1970; 1/2(daily max + daily min). 1931-1940; station was 2 miles SE of Christiansted town at the US Experiment Station. 1961-1970; Alt = 6m. Reliability: compared with 783250, 784390 & 785260 for the years 1876-1960, 1876-1960 & 1899-1960.

785830: BELIZE I.A. BELIZE 17.5N 88.2W 5m 1866-1980 10 1945
Sources: A1, A7

Notes: A1: 1941-1950; alt = 5m. Means of 1/2(max + min). 1951-1958; 1/4(06 + 12 + 18 + 21) GMT. 1959-1960; 1/3(06 + 12 + 18) GMT. 1961-1970; 1/2(max + min). Alt = 5m. A7: Means of 1/2(max + min). Observations also taken at 09 & 15h. Reliability: compared with 766440 & 785010 for the years 1941-1980. 1941-1944 too cold.

785840: BELIZE / LANDIVER BELIZE 17.5N 88.2W 0m 1961-1976 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 17 31'N 88 12'W, alt = 0m. Reliability: uncheckable.

785860: CENTRAL FARM AGSTAT BELIZE 17.2N 89.0W 90m 1949-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 17 11'N 89 00'W, alt = 90m. Reliability: uncheckable.

785900: STANN CREEK AGSTAT BELIZE 17.0N 88.3W 6m 1932-1970 10 1933
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 17 00'N 88 19'W, alt = 6m. Reliability: compared with 766440 & 785830 for the years 1933-1970 & 1941-1970.

785927: PUNTA GORDA AGSTAT BELIZE 16.1N 88.9W 6m 1954-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 16 08'N 88 51'W, alt = 6m. Reliability: uncheckable.

786210: EL PORVENIR GUATEMALA 16.5N 90.5W 1971-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786270: HUEHUETENANGO GUATEMALA 15.3N 91.5W 1971-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786310: COBAN GUATEMALA 15.3N 90.3W 1971-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786350: LA FRAGUA GUATEMALA 15.0N 89.5W 1971-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786380: LABOR OVALLE GUATEMALA 14.9N 91.5W 1971-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786400: GUATEMALA GUATEMALA 14.6N 90.4W 1480m 1845-1860 63
Sources: A1, A35, A40, A62, A106

Notes: A1: Means of 1/12(02 + 04 + 06 + .. 24) 90W meridian time. A35: No details available. A40: Temp; 1/2(max + min). Press; 1857-1858; means of 15h, 1859; of 16h, 1860; of 14h. Alt; 1480m. A62: No details available. A106: Normal values, /CLINO/, only. Temp; 1/12(02 + 04 + 06 + ...24). Press; 1/3(07 + 13 + 19), add 800 mb to reduce to MSL. Alt; 1502m. Reliability: uncheckable.

786410: GUATEMALA CIUDAD GUATEMALA 14.6N 90.5W 1502m 1931-1980 10 1931
Sources: A1

Notes: A1: No details available. Reliability: compared with 786620 for the years 1931-1980.

786500: ACAJUTLA EL SALVADOR 13.6N 89.8W 10m 1969-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

786520: LOS ANDES EL SALVADOR 13.9N 89.7W 1700m 1967-1980 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

197

786620: SAN SALVADOR EL SALVADOR 13.7N 89.2W 699m 1912-1980 10 1921
Sources: A1

Notes: A1: 1921-1950; 1/4(07 + 14 + 21 + 21) 90W meridian time. 13 42'N 89 12'W, alt = 682m. 1941-1950; 13 42'N 89 13'W. Jan-Oct 1951; 13 43'N 89 12'N, alt = 682m. Nov 1951-1960; alt = 698m. 1961-1970; alt = 702m. 1951-1970; means of 24 hours from a thermograph reproofed by 3 daily observations at 07, 14 & 21h 90W meridian time. Reliability: compared with 766440, 766850 & 786410 for the years 1912-1980, 1912-1970 & 1931-1980.

787000: AMAPALA HONDURAS 13.3N 87.7W 5m 1951-1973 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 13 18'N 87 40'W, alt = 5m. Reliability: uncheckable.

787010: GUANAJA HONDURAS 16.5N 85.9W 2m 1951-1977 61
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 16 28'N 85 55'W, alt = 2m. Site changes occurred in Mar 1965, Mar 1969 & Oct 1969, no details given. Reliability: uncheckable.

787050: CEIBA HONDURAS 15.8N 86.9W 1971-1977 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

787060: TELA HONDURAS 15.7N 86.5W 3m 1951-1977 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 15 43'N 86 29'W, alt = 3m. 1961-1970; 15 42'N 86 29'W. Reliability: compared with 787080 & 787140 for the years 1952-1977 & 1953-1977.

787080: LA MESA/SAN PEDRO HONDURAS 15.5N 88.0W 31m 1951-1977 10 1952
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 15 28'N 88 01'W, alt = 71m. 1961-1970; 1/2(max + min). In Sept 1944 station moved from Barandillas Airport, 2km from town to the Air Taxis Terminal. In Feb 1965 moved to the new Airport at La Mesa, 13km SE of the city. 15 27'N 87 56'W, alt > 70m. Reliability: compared with 787060 & 787140 for the years 1952-1977 & 1953-1977.

787110: PUERTO LEMPIRA HONDURAS 15.2N 83.8W 3m 1965-1977 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 15 13'N 83 48'W. Reliability: uncheckable.

787140: CATACAMAS HONDURAS 14.9N 85.9W 442m 1951-1977 10 1953
Sources: A1

Notes: A1: 1/2(max + min). 1951-1952; 14 54'N 85 56'W, alt = 442m. 1953-Feb 1954; Granja Demonstrative School, 5 kms ESE of city. In Feb 1954 station moved to the airport & moved again in July 1961 to 14 54'N 85 56'W, alt = 440m. Reliability: compared with 787080 & 787060 for the years 1953-1977.

787170: SANTA ROSA DE COPAN HONDURAS 14.8N 88.8W 1080m 1951-1977 80
Sources: A1

Notes: A1: 1953-1960; 1/2(max + min). 14 47'N 88 48'W, alt = 1080m. 1961-1970; 14 47'N 88 47'W, alt = 1080m. Reliability: compared with 787080 & 787140 for the years 1952-1977 & 1953-1977.

787200: TEGUCIGALPA HONDURAS 14.0N 87.2W 1007m 1951-1977 40
Sources: A1

Notes: A1: 1937-June 1950; means of observations taken at 08, 12 & 16h. 14 02'N 87 11'W, alt = 3ft. July 1950-1960; 1/2(max + min). Alt; 1007m. Station moved to the airport, 5 kms from the city. 1961-1970; 14 04'N 87 13'W, alt = 1007m. Reliability: compared with 787080 & 787140 for the years 1952-1977 & 1953-1977.

787240: CHOLUTECA HONDURAS 13.3N 87.2W 48m 1964-1977 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 13 18'N 87 11'W, alt 48m. Reliability: uncheckable.

787300: PUERTO CABEZAS NICARAGUA 14.0N 83.4W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 14 00'N 83 24'W, alt = 13m. 1/2(max + min). Reliability: uncheckable.

787367: EL RECREO NICARAGUA 12.2N 83.4W 1952-1957 61
Sources: A1

Notes: A1: 1952-1960; means of readings at 12 noon. 12 09'N 83 26'W. Reliability: uncheckable.

787387: SERACO NICARAGUA 12.9N 86.1W 1952-1960 61
Sources: A1

Notes: A1: 1953-1960; 12 51'N 86 06'W. Station probably moved in May 1955 but no details are given. Reliability: uncheckable.

787410: MANAGUA/LAS MERCEDES NICARAGUA 12.1N 86.2W 54m 1952-1966 61
Sources: A1

Notes: A1: 1951-1960; 12 07'N 86 11'W, alt = 56m. 1961-1970; 12 09'N 86 10'W, alt = 50m. No other details available. Reliability: uncheckable.

787450: BLUEFIELDS NICARAGUA 12.0N 83.7W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 12 00'N 83 43'W, alt = 12m. 1/2(max + min). Reliability: uncheckable.

787600: PUNTARENAS COSTA RICA 10.0N 84.8W 3m 1961-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 9 58'N 84 50'W. Reliability: uncheckable.

787620: SAN JOSE / EL COCO COSTA RICA 10.0N 84.2W 939m 1956-1980 80
Sources: A1

Notes: A1: 1956-1960; 9 59'N 84 13'W, alt = 920m. 1961-1970; means of 24 hours. 10 00'N 84 12'W, alt > 930m. Reliability: compared with 786620 for the years 1956-1980. 1975-1977 data are same as 787630.

787630: SAN JOSE COSTA RICA 9.9N 84.1W 1866-1980 80
Sources: A1

Notes: A1: Means of 1/2(max + min). Alt; 1866-1940 = 1135m, 1941-1960 = 1172m. Site moved several times, but no details are given. 1961-1970; alt = 117m. Sites; 1888-1935; Central Office of Instituto Fisico Geografico in the city centre. 1936-1940; La Sabena Airport 2 mile west. 1941-1954; Central Office of Servico Meteorologico in the city. Reliability: compared with 786620 for the years 1941-1980. Probably different sites in 1940s, 1950s & 1970s.

787637: ALAJUELA COSTA RICA 10.0N 84.2W 1951-1958 61
Sources: A1

Notes: A1: 1951-1956; Centro, 10 02'N 84 13'N, alt = 952m. Reliability: uncheckable.

787670: PUERTO LIMON COSTA RICA 10.0N 83.0W 3m 1961-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 10 00'N 83 02'W. Reliability: uncheckable.

787707: MADDEN DAM COSTA RICA 9.2N 79.6W 1951-1960 61
Sources: A1

Notes: A1: 1/2(max + min). No other details available. Reliability: uncheckable.

787837: CRISTOBAL PANAMA 9.4N 79.9W 7m 1863-1960 20 1912
Sources: A1, A29, A43

Notes: Also known as Colon. A1: Alt; 7m. Means of 1/2(daily max + daily min). The station was moved several times, but all locations are within a mile of each other & have been considered as identical. Detailed notes on the types of instruments used are given on p43, vol 105. Station moved in Sept 1941 from 9 21'N 79 54'W to a new alt of 47ft & moved again in April 1946 to 37ft. 1951-1960; alt = 7m. A29: No details available. A43: 1881-1884; Press; 1/3(06 + 13 + 21). Temp; 1/2(max + min). 1884-1888; Press; 1/3(07 + 11 + 19), Temp; 1/2(max + min). Temp was also read at same times as press. Reliability: compared with 786620 & 766850 for the years 1911-1960 & 1881-1960. Correction Factors: Stations used: 786620. Calculation dates: 1947-1960. Correction dates: 1881-1946. Factors: -7 -6 -9 -8 -6 -7 -7 -5 -4 -1 -3 -1.

787838: CHANGUINOLA PANAMA 9.5N 82.5W 16m 1954-1970 61
Sources: A1

Notes: A1: 1954-1970; 9 29'N 82 29'W, alt = 16m. 1/2(max + min). Reliability: uncheckable.

787927: PUERTO ARMUELLES PANAMA 8.3N 82.9W 50m 1951-1970 61
Sources: A1

Notes: A1: 1951-1960; 8 17'N 82 52'W, alt = 50m. 1/2(max + min). 1961-1970; alt = 10m. Reliability: uncheckable.

787957: ALTO LINO PANAMA 8.6N 82.5W 1953-1959 61
Sources: A1

Notes: A1: 1953-1959; 1/2(max + min). 8 38'N 82 28'W, alt = 4050m. Reliability: uncheckable.

788067: GAMBOA PANAMA 9.1N 79.7W 30m 1881-1888 63
Sources: A43

Notes: A43: Temp; Means of 1/2(max + min). Observations were also taken at same time as Press; 1881-1885; 1/3(06 + 13 + 21), 1886-1888; 1/3(07 + 11 + 19). Alt; 1881-1887 = 31m, 1888 = 30m. Reliability: uncheckable.

788071: BALBOA HEIGHTS PANAMA 9.0N 79.6W 36m 1951-1962 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 8 57'N 79 33'W, alt = 36m. Reliability: uncheckable.

788620: COOLIDGE FLD ANTIGUA 17.1N 61.8W 10m 1962-1973 61
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

788660: JULIANA AP ST. MARRTEN 18.1N 63.1W 3m 1951-1970 10 1951
Sources: A1

Notes: A1: Observations at the airport began in Oct 1952 as a continuation of observations at Philipsburg, from where the adjusted rainfall (1951-1952) has been calculated. 1952-1960; 18 03'N 63 06'W, alt = 3m. 1951-1970; 1/3(08 + 14 + 20) local time. From 1965-1970 the 20h observations were computed from 17h observations with the daily variation over Aug 1972-July 1976. 18 03'N 63 07'W. 1952-May 1969; alt = 2m. May 1969-1970; alt = 4m. Reliability: compared with 788970 for the years 1951-1970.

199

788877: SAINT VINCENT ST. VINCENT 13.2N 61.2W 1824-1841 63
Sources: A29, A35

Notes: A29: No details available. A35: No details available. Reliability: uncheckable.

788970: RAIZET GUADELOUPE 16.3N 61.5W 8m 1891-1980 10 1952
Sources: A1, A43

Notes: A43: Temp; 1/2(max + min). Observations were also taken at same time as Press; 1891-1893; 1/3(06 + 12 + 21), 1894-1904; no details, 1905; 1/3(06 + 12 + 21), 1906-1907; 1/3(07 + 14 + 21), 1910; 1/2(07 + 17). Alt; 1891-June 1903 = 533m, July 1903-1909 = 492m, 1910 = 503m. 1911-1914; 16 00'N 64 04'W of Paris, alt = 503m. A1: 1951-1970; 1/12(00 + 02 + 04 + ...22). Alt = 8m. Reliability: compared with 789260 & 789250 for the years 1892-1970 & 1952-1980. Early years of record are too cold.

789250: LAMENTIN MARTINIQUE 14.6N 61.1W 144m 1935-1980 10 1935
Sources: A1

Notes: A1: No details available. Reliability: compared with 788970 & 789260 for the years 1952-1980 & 1935-1970. 1935-1960 record from 789260 has been inserted in this record & 789260 has been consigned as useless. Probably the same with prec.

789260: FORT-DE-FRANCE MARTINIQUE 14.6N 61.1W 146m 1892-1970 80
Sources: A1, A43

Notes: A1: Press; means of 24 hours, reduced to sea level. Temp; means of 24 hours. 1932-1940; alt = 146m. 1941-1950; means of 1/2(max + min). Alt = 144m. 1951-1960; 1/12(00 + 02 + 04....+ 22). Alt = 146m. In July 1934 station moved from 14 36'N 61 5'W to Observatoire de Desaix at 14 37'N 61 4'W, alt = 146m. A43: Temp; means of 1/2(max + min). Observations also taken at same time as Press; means of observations taken at 06, 10 & 16h. Alt; 4m. From 1909 temp & press were read at 07, 11 & 16h. 1911-1914; 14 36'N 63 25'W of Paris, alt = 4m. Reliability: compared with 788970 & 789560 for the years 1892-1970. Early years not compatible. Post 1935 2 sites. 1935-1960 record has been merged & checked with 789250.

789540: SEAWELL AIRPORT BARBADOS 13.1N 59.5W 56m 1951-1980 10 1954
Sources: A1, A7

Notes: A1: Jan-June 1951; 1/2(12 + 18) GMT. July 1951-1953; 1/4(12 + 15 + 18 + 21) GMT. 1954-1977; means of 8 3-hourly observations. A7: Temp; 1/2(daily max + daily min). Observations also available at same time as Press; 1/2(0930 + 1530). Corrected for index error & reduced to 32F but not to MSL. No correction for gravity applied. 13.1N 59.7W. Alt; 1853-1862 = 2m, 1863-1878 = 5m, 1879-1880 = 9m. Reliability: compared with 789260 & 788970 for the years 1951-1980. First 3 years are too warm.

789550: CODRINGTON BARBADOS 13.1N 59.6W 1853-1960 80
Sources: A1

Notes: A1: Between 1853 & 1902 alt changed many times, varying between 6 & 210ft, see p95, vol 79 for details. Earlier temp data were not included in source as considered too unreliable. Means of 1/2(max + min). 1920-1950; alt = 190ft. 1951-1970; alt = 58m. Reliability: compared with 789540 & 789260 for the years 1951-1960 & 1892-1960.

789560: PEARLS AP GRENADA 12.1N 61.8W 7m 1891-1963 20 1891
Sources: A1

Notes: A1: 1891-1936; Richmond Hill; 12 5'N 61 46'W, alt = 507ft. 1/2(max + min). 1937-1940; 12 5'N 61 45'W, alt = 617ft. Means of 24 hours. 1951-1970; Pearls Airport, alt = 7m. 1/3(08 + 11 + 14) standard time. Reliability: compared with 789260 & 789550 for the years 1892-1960 & 1891-1960. Corrected for observation time change, from fixed hours to 1/2(max + min). Correction Factors: Stations used: 789260. Calculation dates: 1951-1960. Correction dates: 1891-1940. Factors: 11 10 20 19 21 26 27 25 33 30 28 21.

789620: CROWN POINT AP TOBAGO 11.2N 60.8W 15m 1967-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). No other details available. Reliability: uncheckable.

789687: ST CLAIR EXP STN. TRINIDAD 10.7N 61.5W 20m 1862-1960 80
Sources: A1

Notes: A1: 1862-1920; Temp is reduced to means of 24 hours, by corrections based on 3.5 years of observations, given on p102, vol 79. 1862-1884; 1/2(0930 + 1530). Jan-Mar 1887; 1/2(09 + 15). April 1887-1920; 1/2(07 + 15). In July 1900 the station moved from Saint Annes at 133ft to Saint Clair at 67ft. 1921-1930; 1/2(mean daily max + mean daily min) corrected to means of 24 hours, see p53, vol XC. 1931-1945; 1/2(07 + 15) 60W meridian time. 1946-1950; 1/2(max + min). 1951-1960; 1/2(12 + 18) GMT. Alt; 20m. Reliability: compared with 789700 & 789260 for the years 1946-1960 & 1892-1960. Constantly changing observation times cause differences of between 2-3C in annual means.

789700: PIARCO INT.AP TRINIDAD 10.6N 61.4W 12m 1946-1980 10 1951
Sources: A1

Notes: A1: 1946-1950; 1/2(max + min). 10 37'N 61 21'W, alt = 36ft. 1951-1960; means of 8 3-hourly observations, 1/8(02 + 05 + ...23) local time. Alt = 12m. 1961-1970; 10 35'N 61 21'W, alt = 1m. 1969-1970; means of 24 hours. Reliability: compared with 789260 & 789880 for the years 1946-1980 & 1951-1980. 1946-1960 affected by changing observation times.

789880: DR. A. PLESMAN AP ANTILLES 12.2N 69.0W 8m 1951-1980 10 1951
Sources: A1

Notes: A1: Means of 24 hourly observations. 1951-1970; 12 12'N 68 58'W, alt = 8m. Minor site changes occurred in Dec 1946, June 1961 & Feb 1964. Reliability: compared with 789700 for the years 1951-1980.

800010: SAN ANDRES COLOMBIA 12.6N 81.7W 6m 1961-1980 10 1961
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: Record 803900 has been merged & checked with this record. Compared with 802220 for the years 1961-1980.

800090: SANTA MARIA COLOMBIA 11.1N 74.2W 1975-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

800220: CARTAGENA COLOMBIA 10.5N 75.5W 1975-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

800280: BARRANQUILLA/SOLEDAD COLOMBIA 10.9N 74.8W 21m 1948-1980 82
Sources: A168

Notes: A168: 10 53'N 74 47'W, alt = 13 to 14m. No other details available. Reliability: compared with 804070 for the years 1948-1980. 1950s record has trends & data gaps.

800620: TURBO COLOMBIA 8.1N 76.7W 1970-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

800910: BARRANCABERMEJA COLOMBIA 7.0N 73.8W 134m 1948-1980 82
Sources: A168

Notes: A168: 7 00'N 73 48'W, alt = 83 to 126m. No other details available. Reliability: compared with 804070 for the years 1969-1980. 1950s record shows trends & data gaps.

800940: BUCARAMANGA COLOMBIA 7.1N 73.2W 1975-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

800970: CUCUTA COLOMBIA 7.9N 72.5W 317m 1969-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

801100: MEDELLIN COLOMBIA 6.2N 75.6W 1508m 1948-1980 10 1948
Sources: A168

Notes: A168: 6 16'N 75 35'W, alt = 1450 to 1475m. No other details available. Reliability: compared with 804070 for the years 1948-1980.

801127: ESTEBAN JARAMILLO COLOMBIA 5.9N 75.7W 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 5 55'N 75 43'W, alt = 1450m. 1/4(07 + 14 + 20 + 20) local time. Reliability: uncheckable.

201

802190: GIRARDOT COLOMBIA 4.3N 74.8W 1974-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

802220: BOGOTA/ELDORADO COLOMBIA 4.7N 74.1W 2547m 1923-1980 20 1923
Sources: A1, A165, A166

Notes: A1: Alt; 1866-1920 = 2651m, 1921-1930 = 2645m, 1931-1940 = 2665m, site = 4 36'N 74 05'W, 1941-1955 = 2562m, site = 4 38'N 74 05'W, 1951-1960 = 2556m. Temp; Means of 24 hours. A165/A166: 4 36'N 74 05'W. Alt; 2655m. 1923-1940; 1/8(06 + 08 + 10 + 12 + 14 + 16 + 18 + 20). 1941-1953; 1/6(08 + 10 + 12 + 14 + 16 + 18). Reliability: compared with 804380 for the years 1923-1980. Correction Factors: Stations used: 804380. Calculation dates: 1959-1980. Correction dates; 1923-1936 & 1941-1952. Factors: i) -20 -20 -17 -14 -16 -15 -17 -15 -18 -18 -15 -18. ii) -39 -36 -33 -28 -30 -32 -31 -28 -28 -28 -31 -31.

802227: BOGOTA COLOMBIA 4.6N 74.1W 1866-1977 81
Sources: A1

Notes: A1: Alt; 1866-1920 = 2651m, 1921-1930 = 2645m, 1931-1940 = 2665m, site; 4 36'N 74 05'W, 1941-1955 = 2562m, site; 4 38'N 74 05'W, 1951-1960 = 2556m. Temp; 1941-1955; 1/2(max + min), 1956-1960; means of 24 hours. Reliability: compared with 802220 for the years 1951-1977.

802410: GAVIOTAS COLOMBIA 4.5N 70.7W 1972-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

802520: BUENAVENTURA COLOMBIA 3.8N 77.0W 18m 1969-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

802590: CALI/CALIPUERTO COLOMBIA 3.4N 76.4W 964m 1948-1980 20 1948
Sources: A168

Notes: A168: 3 26'N 76 24'W, alt = 957m. No other details available. Reliability: compared with 840710 & 803990 for the years 1948-1980 & 1953-1970. Correction Factors: Stations used: 840710. Calculation dates: 1959-1970. Correction dates: 1948-1958. Factors: -16 -16 -14 -13 -12 -14 -13 -7 -11 -14 -13 -13. Record 803970 has been merged & checked with this record.

802607: PALMIRA COLOMBIA 3.5N 76.3W 1948-1960 10 1948
Sources: A1, A168

Notes: A168: Est. Agricola. 3 31'N 76 19'W, alt = 1006m. No other details available. A1: 1951-1960; 1/2(max + min). Alt = 1006m. Reliability: compared with 840710 & 803990 for the years 1948-1960 & 1953-1960.

803080: LA FLORIDA COLOMBIA 2.5N 76.6W 1951-1960 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: Record has been merged & checked with 803980.

803150: NEIVA COLOMBIA 3.0N 75.3W 1972-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

803370: TUMACO COLOMBIA 1.6N 78.8W 1971-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: uncheckable.

803700: IPIALES COLOMBIA .8N 77.7W 1948-1980 80
Sources: A168

Notes: A168: La Merced Posto. 1 15'N 77 17'W, alt = 2528m. No other details available. Reliability: compared with 802227 & 821060 for the years 1948-1980.

803900: SAN ANDRES AP. COLOMBIA 12.6N 81.7W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: record has been merged & checked with record 800010.

803910: CAZADERO AP. COLOMBIA 7.9N 72.6W 1948-1970 10 1948
Sources: A1, A168

Notes: A168: Camilo Daza. 7 56'N 72 33'W, alt = 309m. No other details available. A1: 1961-1970; 1/3(07 + 13 + 19) local time. 7 56'N 72 33'W, alt > 300m. Reliability: compared with 802220 & 804380 for the years 1948-1970.

803920: BLONAY COLOMBIA 7.6N 72.6W 1235m 1951-1970 10 1951
Sources: A1

Notes: A1: 1/4(07 + 14 + 20 + 20) local time. 1951-1960; 7 35'N 72 37'W, alt = 1235m. Reliability: compared with 804380 for the years 1951-1970.

803930: EL LIBANO COLOMBIA 4.9N 75.1W 1495m 1951-1970 10 1952
Sources: A1

Notes: A1: 1951-1960; 4 55'N 75 03'W, alt = 1495m. 1/4(07 + 14 + 20 + 20) local time. 1961-1970; 1/4(07 + 14 + 20 + 20) local time. 4 54'N 75 04'W, alt > 1500m. Reliability: compared with 803940 for the years 1951-1970.

803940: CHINCHINA COLOMBIA 5.0N 75.6W 1360m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/4(07 + 14 + 20 + 20) local time. 4 58'N 75 37'W, alt = 1360m. 1961-1970; 4 53'N 75 36'W, alt = 1360m. Reliability: compared with 803930 for the years 1951-1970.

803950: CODAZZI COLOMBIA 4.6N 74.1W 1866-1970 81
Sources: A1

Notes: A1: Alt; 1866-1920 = 2651m, 1921-1930 = 2645m, 1931-1940 = 2665m, site; 4 36'N 74 05'W, 1941-1955 = 2562m, site; 4 38'N 74 05'W, 1951-1960 = 2556m. Temp; 1941-1955; 1/2(max + min), 1956-1960; means of 24 hours. 1961-1970; 1/4(07 + 13 + 19 + 19) local time. Alt = 255m. Reliability: compared with 802220 & 804380 for the years 1941-1970.

803960: TIBACUY COLOMBIA 4.4N 74.5W 1525m 1952-1970 10 1952
Sources: A1

Notes: A1: 1952-1960; 1/4(07 + 14 + 20 + 20) local time. 4 21'N 74 27'W, alt = 1525m. 1961-1970; alt = 1550m. Reliability: compared with 803940 for the years 1952-1970.

803970: CALIPUERTO AP. COLOMBIA 3.4N 76.4W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/4(07 + 14 + 20 + 20) local time or 1/4(07 + 13 + 19 + 19) local time. No other details available. Reliability: record has been merged & checked with record 802590.

803980: LA FLORIDA COLOMBIA 2.5N 76.6W 1850m 1948-1980 80
Sources: A1, A168

Notes: A168: 2 26'N 76 36'W, alt = 1760 to 1789m. No other details available. A1: 1951-1970; 1/4(07 + 14 + 20 + 20). Alt = 1789m. 1961-1970; alt = 1850m. Reliability: compared with 802590, 840710 & 803990 for the years 1948-1980, 1948-1980 & 1953-1970. 1970s 7C warmer, due to a site change. 1960s record shows trends. Record 803080 has been merged & checked with this record.

803990: OSPINA PEREZ COLOMBIA 1.3N 77.5W 1700m 1953-1970 10 1953
Sources: A1

Notes: A1: 1953-1960; 1/4(07 + 14 + 20 + 20) local time. 1 17'N 77 29'W, alt = 1700m. 1961-1970; 1 16'N 77 29'W, alt = 1700m. Reliability: compared with 840710 for the years 1953-1970.

804001: CARACAS VENEZUELA 10.5N 67.0W 1891-1960 20 1933
Sources: A1

Notes: A1: 1891-1955; alt = 1042m. Data from Observatorio Cajigal, although some earlier observations were also taken at the railway station. 1941-1950; 1/3(07 + 13 + 22) 67.5W meridian time. 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Instruments were moved 50 metres in 1955 & data corrected. 1951-1970; alt = 1035m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804070, 804100 & 804230 for the years 1933-1960, 1938-1960 & 1938-1960. Correction Factors: Stations used: 804070, 804100 & 804230. Calculation dates: 1951-1960. Correction dates: 1933-1950. Factors: 6 8 8 4 3 5 4 9 6 6 5 6.

804030: CORO WAS 804070 VENEZUELA 11.4N 69.7W 21m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 11 25'N 69 41'W, alt = 21m. In June 1949 station moved 15km N from the city centre to the airport. Moved 200m W in 1955, data were corrected. Alt = 17m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804070 for the years 1951-1970.

804050: LA ORCHILA VENEZUELA 11.8N 66.2W 3m 1961-1975 61
Sources: A1

Notes: A1: 1/4(02 + 08 + 14 + 20) local time. No other details available. Reliability: uncheckable.

804070: MARACAIBO WAS 804020 VENEZUELA 10.7N 71.6W 40m 1933-1980 10 1933
Sources: A1, A153

Notes: A153: 1933-1937; 1/2(max + min). 10 41'N 71 34'W, alt = 5m. 1938-1947; 1/3(06 + 12 + 21). 10 38'N 71 36'W, alt = 6m. A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 40m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Station was located at Fuerzas Terrestres Quarters until Mar 1958 when it moved 300m W to Grano de Oro Airport, alt = 65m. In 1972 moved to La Chinite Airport, 10 34'N 71 44'W. Reliability: compared with 804100 & 804380 for the years 1933-1980.

804100: BARQUISIMETO VENEZUELA 10.1N 69.3W 591m 1938-1970 10 1938
Sources: A1, A153

Notes: A153: 1/3(06 + 12 + 21). 10 04'N 69 18'W, alt = 566m. A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 591m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. 1921-1949; sited in the city centre at Fuerzas Terrestres Quarters. In 1949 station moved 3km W to the airport. Moved 500m in 1964 to an alt of 614m. Data were corrected for this last change. Reliability: compared with 804070 & 804380 for the years 1938-1970.

804130: MARACAY VENEZUELA 10.3N 67.7W 442m 1951-1980 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Prior to 1949 station was located in the city centre in Fuerzas Terrestres Quarter. In 1949 moved 500m E from 10 15'N 67 39'W, alt = 442m to 10 51'N 67 15'W. Moved again in Dec 1955 to B.A. Mariscal Sucre, 10 15'N 67 39'W, alt = 437m. Data were corrected for this final move. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804030 & 804070 for the years 1951-1970 & 1951-1980.

804150: MAIQUETA WAS 804030 VENEZUELA 10.6N 67.0W 43m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 10 36'N 66 59'W, alt = 43m. Reliability: compared with 804130 for the years 1951-1970.

804160: CARACAS/LA CARLOTA VENEZUELA 10.5N 66.9W 865m 1964-1980 61
Sources: A1, A153

Notes: A153: 1905-1936; 1/3(06 + 12 + 21). 1937-1947; 1/3(07 + 13 + 22). 1905-1932; 10 30'N 66 55'W, alt = 935m. 1933-1941; alt = 1042m, 1942-1945 = 1043m, 1946-1947 = 1042m. A1: Alt = 1042m. 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Site was relocated in Feb 1955 &

203

data corrected. Alt = 48m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: uncheckable.

804190: BARCELONA WAS 804140 VENEZUELA 10.1N 64.7W 7m 1938-1980 10 1938
Sources: A1, A153

Notes: A153: 1/3(06 + 12 + 21). 1938-1939; 10 08'N 64 41'W, alt = 3m. 1940-1944; alt = 5m. 1945-1947; Aragua du Barc, 9 27'N 64 49'W, alt = 96m. A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 7m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. In 1921 station was sited in the city centre. In Sept 1954 it moved 6km NW to the airport & moved again in 1965, by 150m. Data were corrected. Reliability: compared with 804380 & 804070 for the years 1938-1970.

804230: CUIRIA WAS 804120 VENEZUELA 10.6N 62.3W 8m 1926-1970 10 1937
Sources: A1, A153, A164

Notes: A164: 1/3(06 + 12 + 21). 10 36'N 1 11'W, alt = 20m. A153: 1/3(06 + 12 + 21). 1933-1938: 10 36'N 66 56'W of Paris, alt = 30m. 1939-1941; 10 35'N 62 18'W, alt = 9m. 1942-1947; alt = 7m. A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 8m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804380 & 804440 for the years 1926-1970. 1926-1929 different site but too short to correct.

804350: MATURIN WAS 804040 VENEZUELA 9.8N 63.2W 70m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 9 45'N 63 11'N, alt = 70m. 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. In Oct 1954 the station moved 700m N from the city centre to the airport, alt = 66m. Data were corrected for this move. Reliability: compared with 804230 for the years 1951-1970.

804380: MERIDA WAS 804060 VENEZUELA 8.6N 71.2W 1479m 1915-1980 10 1915
Sources: A1, A153, A163

Notes: A153: 1/3(06 + 12 + 21). 1933-1943; 8 35'N 71 09'W, alt = 1613m. 1934-1937; alt = 1641m, 1938-1943; alt = 1613m. 1944-1947; 8 36'N 71 09'W, alt = 1623m. A163: 1/2(max + min). 8 35'N 73 29'W of Paris. Alt; 1641m. A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 1479m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. In 1955 station moved 3km SW of Fuerzas Terrestres Quarters to the airport, alt = 1498m. Data were corrected for this move. Reliability: compared with 804001 & 804500 for the years 1915-1980 & 1938-1980.

804440: CIUDAD BOLIVAR VENEZUELA 8.2N 63.6W 50m 1917-1979 10 1917
Sources: A1, A153, A161

Notes: A153: 1/3(06 + 09 + 21). 1933-1937; 8 08'N 63 33'W, alt = 54m. 1938-1942; alt = 38m. 1942-1947; alt = 54m. A161: 8 52'N 63 33'W, alt = 38m. 1917-Aug 1918; 1/6(06 + 09 + 12 + 15 + 18 + 21). Sept 1918-1932; 1/3(06 + 12 + 21). A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. Alt = 50m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Alt = 48m. Reliability: compared with 804230 & 804380 for the years 1926-1976 & 1917-1976.

804470: SAN CRISTOBAL VENEZUELA 7.8N 72.2W 830m 1919-1980 10 1951
Sources: A1

Notes: A1: 1919-1946; 7 46'N 72 14'W, alt = 830m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Earlier data are from Cuartel Army Quarters. Station moved to the airport 5 miles NW of the city at an unknown date. Small site changes occurred in 1951 & 1961, data were corrected. Reliability: compared with 804380 for the years 1940-1980. 1940-1946 record useless.

804500: SAN FERNANDO VENEZUELA 7.9N 67.4W 73m 1938-1980 10 1938
Sources: A1, A153, A29

Notes: A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 7 54'N 67 25'W, alt = 73m. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. In Sept 1955 station moved 3km E to the airport, alt = 48m. Data were corrected for this move. A153: 1/3(06 + 12 + 21). 7 53'N 67 28'W. Alt; 1938-1939; 73m, 1940; 68m, 1941; 40m, 1942-1947; 57m. A29: No details available. Reliability: compared with 804380 & 804620 for the years 1938-1980 & 1941-1980.

804530: TUMEREMO VENEZUELA 7.3N 61.5W 104m 1951-1970 10 1951
Sources: A1

Notes: A1: 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 7 18'N 61 27'W, alt = 181m. Station moved 150m E in April 1961 to 181m. Data were corrected for this move. 1961-1970; 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804620 for the years 1951-1970.

804570: PUERTO AYACUCHO VENEZUELA 5.6N 67.5W 73m 1961-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/4(02 + 08 + 14 + 20) local time. 5 36'N 67 30'W, alt = 7m. Reliability: uncheckable.

804620: SANTA ELENA VENEZUELA 4.6N 61.1W 907m 1941-1980 10 1941
Sources: A1

Notes: A1: 1941-1947; 4 36'N 61 07'W, alt = 907m. 1/3(06 + 12 + 21). 1951-1960; 1/4(0130 + 0730 + 1330 + 1930) Venezuela Standard Time. 1961-1970; alt; 900m. 1/4(02 + 08 + 14 + 20) local time. Reliability: compared with 804440 for the years 1941-1980.

804990: CARACAS VENEZUALA 10.5N 66.9W 1961-1970 10 1961
Sources: A1

Notes: A1: 1961-1970; 1/4(02 + 08 + 14 + 20) local time. 10 30'N 66 56'W, alt = 103m. Reliability: compared with 804130 for the years 1961-1970.

204

810010: GEORGETOWN FR. GUIANA 6.8N 58.2W 2m 1846-1979 20 1887
Sources: A1, A30, A35, A55, A102

Notes: A1: Alt = 2m. 1887-1950; means of 1/2(daily max + daily min). 1951-1952; 1/3(1045 + 1645 + 2145) GMT. 1953-1970; 1/2(12 + 18) GMT. A30: No details available. A35: No details available. A55: No details available. A102: No details available. Reliability: compared with 812020, 812017 & 814050 for the years 1931-1970, 1905-1960 & 1891-1979. Early record can not be checked but is probably about 0.5C too cold. Is certainly a better early record than 814050. 1953-1960 record is in error because of changing observation times. Correction Factors: Stations used: 812020. Calculation dates: 1931-1952. Correction dates: 1891-1930. Factors: -3 -4 -6 -4 -2 -1 -2 -6 -6 -7 -5 -2.

810020: TIMEHRI FR. GUIANA 6.5N 58.3W 29m 1951-1979 61
Sources: A1

Notes: A1: 1951-1960; means of 8 3-hourly observations. 6 30'N 58 15'W, alt = 29m. 1961-1970; 6 29'N 58 16'W. Reliability: uncheckable.

812010: PARAMARIBO SURINAM 5.9N 55.2W 1961-1970 10 1961
Sources: A1

Notes: A1: 1961-1970; 1/3(08 + 14 + 18) local time. Moved from 5 50'N 55 10'W to 5 51'N 55 10'W at some date. Reliability: compared with 812020 for the years 1961-1970.

812017: PARAMARIBO SURINAM 5.8N 55.2W 2m 1864-1960 20 1905
Sources: A1, A29, A43, A72

Notes: A1: Means of 1/3(08 + 14 + 18) local time. 1931-1940; calculations indicate that 1.1C should be subtracted from the average daily temps to reduce them to the means of 24 hours, see detailed notes on p57, vol 105. Alt; 1931-1950 = 4m, 1951-1960 = 2m. A29: No details available. A72: No details available. A43: Means of 1/2(max + min). No other details available. Reliability: compared with 812020 & 810010 for the years 1931-1960 & 1905-1960. Corrected for 2 site changes, 1924 & 1941. Correction Factors: Stations used: 812020. Calculation dates: 1942-1960. Correction dates: 1924-1941. Factors: -4 -7 -7 -6 -5 -5 -3 -2 -3 -5 -7 -4.

812020: NICKERIE SURINAM 6.0N 57.0W 4m 1931-1970 10 1931
Sources: A1

Notes: A1: 1/3(08 + 14 + 18) GMT. 1951-Sept 1957; Town, 5 57'N 56 59'W, alt = 2m. Oct 1957-1960; Airport, 5 57'N 57 02'W, alt = 2m. 1961-1970; alt = 3m. Reliability: compared with 812017 & 810010 for the years 1931-1960 & 1931-1970. Good record, used to sort out all the Guyanan records.

812050: BURNSIDE-CORONIE FR. GUIANA 5.2N 56.0W 5m 1892-1898 63
Sources: A43

Notes: A43: Temp; Means of 1/2(max + min). Observations also taken at same time as press. Press; Means of 1/3(07 + 14 + 21). Alt; 5m. Reliability: uncheckable.

812060: MOENGO SURINAM 5.6N 54.4W 39m 1931-1970 61
Sources: A1

Notes: A1: 1931-1960; 5 36'N 54 22'W, alt = 39m. Alt changed from 39 to 33m at an unknown date during the 1961-1970 period. Reliability: uncheckable.

812090: STOELMANSEILAND SURINAM 4.4N 54.4W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(08 + 14 + 18) local time. 4 21'N 54 25'W, alt = 53m. Reliability: uncheckable.

812250: ZANDERIJ SURINAM 5.5N 55.2W 16m 1952-1979 10 1952
Sources: A1

Notes: A1: 1951-1960; means of 24 hourly observations. 5 27'N 55 12'W, alt = 16m. 1961-1970; 1/3(08 + 14 + 18) local time. Reliability: compared with 812020 for the years 1952-1970.

812500: TAFELBERG SURINAM 3.8N 56.1W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(08 + 14 + 18) local time. 3 47'N 56 08'W, alt = 344m. Reliability: uncheckable.

812510: SIPALIWINI SURINAM 2.0N 56.1W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(08 + 14 + 18) local time. 2 01'N 56 06'W, alt = 300m. Reliability: uncheckable.

812530: COEROENI SURINAM 3.4N 57.4W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(08 + 14 + 18) local time. 3 22'N 57 21'W, alt = 150m. Reliability: uncheckable.

814010: SAINT LAURENT FR. GUIANA 5.5N 54.0W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 5 30'N 54 02'W. Reliability: uncheckable.

814050: CAYENNE/ROCHAMBEAU FR. GUIANA 4.8N 52.4W 9m 1845-1980 20 1891
Sources: A1, A5, A40, A43

Notes: A1: means of 1/12(00 + 02 + 04 + ...22). Alt; 9m. A5: No details available. A40: Data are means of observations taken at 12 noon. Observations are also given for 09, 15 & 21h. The following corrections

205

were made; Temp, -0.74C & Press, -0.20mm. A43: Temp; means of 1/2(max + min). 1911-1914; 4 56'N 54 41'W of Paris, alt = 6m. Reliability: compared with 810010, 812020 & 812017 for the years 1891-1980, 1931-1970 & 1905-1960. Corrected for change in observation time from fixed hours to 1/2(max + min) & for a site change in 1914. Correction Factors: Stations used: 812020 & 812250, 812017. Calculation dates: 1951-1960 & 1951-1960. Correction dates: 1961-1970 & 1891-1914. Factors: i) 1961-1970; 4 6 10 8 5 4 5 5 7 9 7 6. ii) 1891-1914; -11 -11 -11 -11 -11 -14 -16 -19 -19 -18 -17 -14.

814080: ST. GEORGES FR. GUIANA 3.9N 51.8W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 3 53'N 51 48'W. Reliability: uncheckable.

814150: MARIPASUULA FR. GUIANA 3.6N 54.0W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 3 38'N 54 02'W, alt = 100m. Reliability: uncheckable.

820240: BOA VISTA BRAZIL 2.8N 60.7W 74m 1961-1980 61
Sources: A1

Notes: A1: 1961-1970; 1/5(12 + 00 + 00 + max + min) GMT. No other details available. Reliability: uncheckable.

820300: AMAPA APT BRAZIL 2.1N 50.9W 1967-1974 61
Sources: A1

Notes: A1: 1961-1970; 1/5(12 + 00 + 00 + max + min) GMT. No other details available. Reliability: uncheckable.

821060: S.GAB. DO CACHOEIRA BRAZIL .1S 67.1W 87m 1931-1980 10 1931
Sources: A1

Notes: A1: 1951-1960; 1/5(12 + 00 + 00 + max + min) GMT. 00 08'S 67 05'W, alt = 85m. Reliability: compared with 823310 for the years 1931-1980.

840080: SAN CRISTOBAL ECUADOR .9S 89.6W 6m 1950-1980 10 1951
Sources: A1

Notes: A1: Means of 24 hours. 1951-1960; 00 54'S 89 37'W, alt = 6m. Reliability: compared with 840710 for the years 1951-1980.

840270: ESMERALDAS TACHINA ECUADOR 1.0N 79.7W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(07 + 13 + 19) local time. 0 59'N 79 39'W. Reliability: uncheckable.

840320: TULCAN ECUADOR .8N 77.7W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; means of 24 hourly observations. 0 49'N 77 43'W, alt = 2970m. Reliability: uncheckable.

840400: IBARRA ECUADOR .4N 78.1W 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/3(07 + 13 + 19) local time. 0 21'N 78 07'W, alt = 2220m. Reliability: uncheckable.

840710: QUITO/ M. SUCRE ECUADOR .2S 78.5W 2818m 1891-1980 10 1891
Sources: A1, A66

Notes: A1: 1891-1950; means of 24 hours, 75W meridian time. Alt; 2819m. Observations taken at 07, 09, 11, 13, 15, 17 & 19h 75W meridian time. To obtain other values the thermogram was used, applying corrections according to the direct thermometer observations. 1951-1970; means of 24 hours. Alt; 2818m. A66: No details available. Reliability: compared with 840080, 842030 & 821060 for the years 1951-1980, 1951-1980 & 1931-1980. Entire record is given in 1940s WWR volume, claimed to be checked & that no site changes have occurred since 1891. If true this record is unique!

842030: GUAYAQUILL ECUADOR 2.3S 79.9W 4m 1951-1980 10 1951 206
Sources: A1

Notes: A1: Means of 24 hourly observations. 1951-1960; 2 12'S 79 53'W, alt = 6m. 1961-1970; 2 11'S 79 53'W, alt = 1m. Reliability: compared with 840710 for the years 1951-1980.

910300: TITIZIMA/CHICHIJIMA PACIFIC OC. 27.1N 142.2E 4m 1907-1964 60
Sources: A1

Notes: A1: 1907-1939; 1/6(02 + 06 + 10 + 14 + 18 + 22) 135E meridian time. 27 05'N 142 11'E, alt = 3m. 1933-1943; alt = 4m. 1940-1943; 1/3(06 + 14 + 18). 1949-1950; method of calculation unknown. 1951-1960; 1/2(max + min). 27 05'N 142 11'E, alt = 3m. Reliability: uncheckable.

910660: MIDWAY ISLAND PACIFIC OC. 28.2N 177.4W 13m 1921-1978 60
Sources: A1

Notes: A1: 1/2(max + min). 1921-1945; 28 13'N 177 22'W, alt = 6m. 1946-April 1952; 28 13'N 177 23'E. May 1952-1960; Terminal Building, Sand Island, 28 13'N 177 21'W, alt = 42m. 1961-1970; 28 12'N 177 23'W, alt = 4m. Reliability: uncheckable.

911150: IWO JIMA CENTRAL FLD PACIFIC OC. 24.8N 141.3E 105m 1949-1964 60
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; Central Airfield, 24 47'N 141 20'E, alt = 105m. 1961-1964; 24 47'N 141 19'E, alt = 102m. Reliability: uncheckable.

911310: MARCUS IS. RAC I. PACIFIC OC. 24.3N 154.0E 17m 1936-1980 60
Sources: A1

Notes: A1: 1936-Jan 1940; 1/6(02 + 06 + ..22). Jan 1946-July 1947; 1/2(max + min). 1936-1950; 24 17'N 153 58'E. 1936-Oct 1937; alt = 10m. Nov 1937-Jan 1939; alt = 8m. Feb 1939-1940; 7m. 1951-1960; 24 18'N 153 58'E, alt = 7m. 1961-1970; alt = 6m. Reliability: uncheckable.

911550: FRENCH FRIGATE SHOAL PACIFIC OC. 23.9N 166.3W 2m 1952-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1952-1970; Tern Island, 23 52'N 166 17'W, alt = 6m. Alt changed at an unknown date to 2m. Reliability: uncheckable.

911650: LIHUE KAUAI HAWAII 22.0N 159.4W 63m 1905-1980 60
Sources: A1

Notes: A1: All sites since 1905 have been on the ground within a few 100ft of the present site except for an unknown number of years ending in 1938 when the instruments were on a 14ft roof. 1/2(max + min). 1905-1950; 21 59'N 159 22'W, alt = 207ft. 1950-1960; station moved 2m NE to 21 59'N 159 21'W, alt = 36m. 1961-1970; 21 59'N 159 21'W, alt = 35m. Reliability: uncheckable.

911657: LIHUE KAUAI HAWAII 22.0N 159.4W 63m 1950-1963 60
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 21 59'N 159 22'W, alt = 63m. Reliability: uncheckable.

911820: HONOLULU HAWAII 21.3N 157.9W 5m 1874-1980 60
Sources: A1, A73

Notes: A1: Alt; 5m. Means of 1/2(daily max + daily min). Prior to Sept 1904 the station was 2 miles from its present location, alt = 50ft. From 1883-1889 only observations at 06, 14 & 21h were available & these values have been corrected to 1/2(max + min) by applying a correction based on 1899-1903 data, see p104, vol 79. 1951-1960; observations from Federal Building, 21 19'N 157 52'W, alt = 12m. Observations also taken at Airport, 1951-Oct 1962, 21 20'N 157 56'W, alt = 7m. Nov 1962-1970; 21 20'N 157 55'W, alt = 2m. A73: No details available. Reliability: uncheckable.

911827: HONOLULU OBS. OAHU HAWAII 21.3N 158.1W 3m 1901-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1901-1946; 21 19'N 157 52'W, alt = 12ft. 1947-May 1960; 21 18'N 158 06'W, alt = 4m. June 1960-1970; 21 19'N 158 00'W, alt = 2m. Reliability: uncheckable.

911860: MOLOKAI APRT HAWAII 21.2N 157.1W 137m 1951-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 21 09'N 157 06'W, alt = 135m. Station was known as Homestead Field prior to May 1953. 1961-1970; alt = 137m. Reliability: uncheckable.

911867: KUALAPUU, MOLOKAI HAWAII 21.2N 157.0W 1900-1970 60
Sources: A1

Notes: A1: 1900-May 1927; Molokai Ranch, 21 08'N 157 03'W, alt = 800ft. Aug 1927-1970; 21 09'N 157 02'W, alt = 268m. 1/2(max + min). Reliability: uncheckable.

911897: LAHAINA, MAUI HAWAII 20.9N 156.7W 15m 1913-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1913-Jan 1927; 20 53'N 156 41'W, alt = 30m. Feb 1927-1960; alt = 15m. 1961-1970; alt = 14m. Reliability: uncheckable.

911905: LANAI CITY LANAI HAWAII 20.8N 156.9W 494m 1930-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; Several minor moves occurred, all within 1/4 mile of the Post Office, 20 50'N 156 55'W, alt = 494m. Reliability: uncheckable.

911915: HANA, MAUI HAWAII 20.8N 156.0W 40m 1907-1970 60
Sources: A1

Notes: A1: 1907-Mar 1957; 20 45'N 155 59'W, alt = 200ft. Mar 1957-1961; alt = 40m. 1/2(max + min). 1962-1970; alt = 37m. Reliability: uncheckable.

912030: ULITHI-FAL CAROLINE IS. 10.0N 139.7E 1937-1972 60
Sources: A1

Notes: A1: 1/2(max + min). 1954-1960; USCG station, 10 02'N 139 48'E, alt = 6m. 1961-1970; 10 02'N 139 48'E, alt = 2m. Reliability: uncheckable.

912120: GUAM MARIANA IS 13.4N 144.6E 19m 1921-1970 60
Sources: A1

Notes: A1: 1/2(max + min). 1921-1946; 13 24'N 144 38'E, alt = 19m. 1947-1950; 13 36'N 144 48'E. 1951-1960; Agana Field, 13 36'N 144 48'E, alt = 48m. 1961-1970; 13 29'N 144 48'E, alt = 78m. Reliability: uncheckable.

912170: GUAM MARIANA IS 13.6N 144.8E 111m 1956-1980 60
Sources: A1

Notes: A1: 1/2(max + min). 1956-1970; 13 33'N 144 50'E, alt = 110m. Reliability: uncheckable.

912180: GUAM ANDERSON AFB MARIANA IS. 13.6N 144.9E 162m 1949-1972 60
Sources: A1

Notes: A1: 1/2(max + min). April 1948-May 1953; 13 34'N 144 55'E, alt = 245m. May 1953-Mar 1957; 13 34'N 144 56'E, alt = 577m. Mar 1957-Mar 1959; 13 34'N 144 58'E, alt = 550m. Mar 1959; 13 34'N 144 56'E, alt = 605m. 1961; 13 34'N 144 55'E, alt = 187m. 1961-Mar 1967; 13 35'N 144 55'E, alt = 187m. April 1967-1970; 193m. Reliability: uncheckable.

912320: SAIPAN MARIANA IS. 15.1N 145.6E 1927-1972 60
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 15 07'N 145 42'E, alt = 32m. 1961-June 1962; 15 13'N 145 44'E, alt = 150m. July 1962-1970; 15 08'N 145 42'E, alt = 3m. Reliability: uncheckable.

912450: WAKE ISLAND PACIFIC OC. 19.3N 166.6E 4m 1935-1980 60
Sources: A1

Notes: A1: July 1935-Dec 1941; Peale Is, 19 18'N 166 37'E, alt = 7ft. July 1946-1950; 19 17'N 166 39'E, alt = 12ft. 1946-1950; 1/2(max + min). 1951-June 1963; alt = 4m. July 1963-1970; alt = 3m. Reliability: uncheckable.

912500: ENIWETOK MARSHALL IS. 11.4N 162.4E 6m 1941-1972 60
Sources: A1

Notes: A1: 1/2(max + min). 1941-1942; 11 21'N 162 21'E, alt = 16m. April 1944-Mar 1947; US Navy, alt = 17m. June 1948-Sept 1960; US Air Force, alt = 13m. Oct-Dec 1960; US Weather Bureau, alt = 13m. 1961-July 1969; 11 21'N 162 20'E, alt = 4m. Aug 1969-1970; 11 21'N 162 21'E, alt = 3m. Reliability: uncheckable.

912750: JOHNSTON ISLAND PACIFIC OC. 16.7N 169.5W 5m 1952-1980 60
Sources: A1

Notes: A1: 1952-May 1957; Terminal Building, 16 44'N 169 31'W, alt = 10ft. June 1957-1970; Weather Building, alt = 2m. 1/2(max + min). Reliability: uncheckable.

912850: HILO/GEN. LYMAN HAWAII 19.7N 155.1W 1880-1980 60
Sources: A1

Notes: A1: Means of 1/2(mean daily max + mean daily min). Alt; 1917-1945 = 22m, 1946-1977 = 11m. Reliability: uncheckable.

912857: HILO HAWAII HAWAII 19.7N 155.1W 12m 1942-1970 60
Sources: A1

Notes: A1: Means of 1/2(daily max + daily min). Alt; 12m. No other details available. Reliability: uncheckable.

913340: TRUK CAROLINE IS. 7.4N 151.9E 2m 1935-1980 60
Sources: A1

Notes: A1: 1935-1940; Eliu Village, 7 23'N 151 54'E, alt = 112m. 1946-1950; Moen Island, 7 28'N 151 51'E, alt = 8ft. 1935-1940; 1/6(02 + 06 + ...22) 135E meridian time. 1946-1950; 1/2(11 + 23) 150E meridian time. Dec 1953-1970; station moved 430ft SW to 2m. 1/2(max + min). Reliability: uncheckable.

913480: PONAPE CAROLINE IS. 6.9N 158.2E 1928-1980 60
Sources: A1

Notes: A1: 1941-1943; 1/3(06 + 14 + 22). 1949-1950; 1/2(max + min). 1941-1943; 6 58'N 158 13'E, alt = 112m. Mar 1956-1957; station moved 1/4 mile NE to 119ft. Jan 1958-1970; station moved 170ft S to 37m. 1/2(max + min). Reliability: uncheckable.

913560: KUSAIE CAROLINE IS. 5.3N 163.0E 1903-1972 60
Sources: A1

Notes: A1: 1/2(max + min). 1954-1960; 5 20'N 163 01'E, alt = 2m. 1961-1970; 5 20'N 163 03'E, alt = 2m. Reliability: uncheckable.

913660: KWAJALEIN MARSHALL IS. 8.7N 167.7E 8m 1946-1980 60
Sources: A1

Notes: A1: 1/2(max + min). 1946-April 1952; 8 43'N 167 44'E, alt = 7ft. April 1952-Nov 1954; 8 44'N 167 43'E, alt = 7ft. Nov 1954-June 1960; 8 44'N 167 44'E, alt = 10ft. July-Dec 1960; alt = 3m. 1961-1970; alt = 2m. Reliability: uncheckable.

913760: MAJURO MARSHALL IS. 7.0N 171.3E 3m 1954-1980 60
Sources: A1

Notes: A1: 1/2(max + min). 1944-Aug 1946; Dalap Airport. 1952-1954; 7 05'N 171 23'E. April 1954-Feb 1955; 7 06'N 171 23'E, alt = 10ft. Feb 1955-June 1957; 7 05'N 171 23'E, alt = 10ft. June 1957-1970; alt = 3m. Reliability: uncheckable.

914077: ANGAUR PALAU IS. 6.9N 134.2E 5m 1955-1972 60
Sources: A1

Notes: A1: 1955-1960; U.S.C.G. Loran, 6 55'N 139 04'E, alt = 15m. 1/2(max + min). 1961-1970; 6 55'N 134 09'E, alt = 5m. Reliability: uncheckable.

914080: KOROR PALAU IS. 7.4N 134.5E 33m 1924-1980 60
Sources: A1

Notes: A1: 1924-1939; 1/6(02 + 06 + ..22). 1940-1943; 1/3(06 + 14 + 22) 135E meridian time. 1947-1950; 1/2(max + min). 7 21'N 134 29'E. 1924-May 1927; alt = 32m. June 1927-1943; 31m. 1944-1950; alt was unknown. Jan-May 1951; 7 20'N 134 29'E, alt = 94ft. Site changes occurred in July 1951 & Aug 1958, involving a move to 30m. No details are given. 1961-1970; alt = 29m.

Reliability: uncheckable.

914130: YAP CAROLINE IS. 9.5N 138.1E 17m 1900-1980 60
Sources: A1, A9

Notes: A1: Kolonie; 9 29'N 138 08'E, alt = 30m. 1921-1930; 1/2(daily max + daily min). 1931-1940; 1/6(02 + 06 + 10 + 14 + 18 + 22) 135E meridian time. Alt; 29m. 1941-1943; 1/3(06 + 14 + 22) 135E meridian time. 1948-1970; 1/2(max + min). 1951-1960; alt = 17m. 1961-Feb 1968; 9 31'N 138 08'E, alt = 19m. Mar 1968-1970; 9 29'N 138 05'E, alt = 13m. A9: Alt = 32m. No other details available. Reliability: uncheckable.

914870: FANNING PACIFIC OC. 3.8N 159.4W 5m 1922-1980 60
Sources: A1

Notes: A1: 1/2(max + min). 1921-1930; 3 54'N 159 23'W, alt = 18ft. 1931-1950; 3 30'N 159 13'W, alt = 6ft, 1951-1960; 3 51'N 159 22'W, alt = 5m, 1961-1970; 3 54'N 159 23'W, alt = 3m. Reliability: uncheckable.

914900: CHRISTMAS IS. CHRISTMAS IS 2.0N 157.5W 4m 1916-1979 60
Sources: A1

Notes: A1: 1921-1930; 1/4(09 + 21 + max + min). 1931-1970; 1/2(max + min). 1947-1950; alt = 52ft. 1951-1960; 1 59'N 157 22'W, alt = 3m. 1961-1970; 1 59'N 157 29'W, alt = 3m. Reliability: uncheckable.

915330: OCEAN IS/BANABA PACIFIC OC. .9S 169.5E 66m 1905-1981 60
Sources: A1

Notes: A1: 1/2(max + min). 1921-1925; 0 52'S 169 35'E, alt = 170ft. Dec 1925-July 1926; 130ft. July 1926-Jan 1927; 153ft. Jan 1927-1930; 134ft. May 1947-1950; 214ft. Site changed in Sept 1935, alt was increased by 52ft. A new screen was installed in Feb 1936 and another site change occurred in Sept 1939, alt = 171ft. 1931-Aug 1935; alt = 140ft. Sept 1935-Aug 1939; 187ft. Sept 1939-1941; 171ft. 1951-1960; 0 52'S 169 35'E, alt = 65m. 1961-1970; 0 54'S 169 32'E, alt = 24m. Reliability: uncheckable.

916100: TARAWA, KIRIBATI GILBERT IS. 1.3N 179.9E 2m 1946-1981 60
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 1 21'N 172 56'E, alt = 4m. 1961-1970; alt = 1 21'N 172 55'E, alt = 2m. Reliability: uncheckable.

960350: MEDAN INDONESIA 3.6N 98.7E 1879-1980 62
Sources: A1

Notes: A1: 1879-1938; alt = 20m. From 1939 observations taken at aerodrome, 3 36'N 98 41'E, alt = 26m. 1931-1932; means of 24 hours. 1933-1940; 1/3(06 + 14 + 20). 1941-1950; means of 24 hours. 1951-1970; Means of 1/2(max + min). 3 34'N 98 41'E, alt = 25m. Reliability: compared with 961630 & 964910 for the years 1931-1980 & 1931-1970. Record shows jump associated with missing data, 1937-1961.

960730: SIBOLGA INDONESIA 1.6N 98.9E 3m 1961-1980 62
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 1 33'N 98 53'E, alt = 3m. Reliability: uncheckable.

961470: RANAI INDONESIA 4.0N 108.4E 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 3 57'N 108 23'E, alt = 2m. Reliability: uncheckable.

961630: PADANG/TABING INDONESIA .9S 100.4E 3m 1850-1980 12 1850
Sources: A1, A35, A155

Notes: A1: Alt; 1879-1930 = 1m, 1931-1950 = 5m, 1951-1970 = 3m. No other details available. A35: No details available. A155: 0 56'S 100 22'E, alt = 7m. 1913-1932; 1/12(02 + 04 + ...24). 1933-1936; 1/3(06 + 14 + 20). Reliability: compared with 965810, 967450 & 960350 for the years 1912-1980, 1866-1980 & 1931-1980.

961950: JAMBI INDONESIA 1.6N 103.7E 25m 1961-1980 62
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 01 38'N 103 39'E, alt = 25m. Reliability: uncheckable.

964130: KUCHING MALAYSIA 1.5N 110.3E 78m 1951-1980 12 1961
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 1 29'N 110 20'E, alt = 26m. Reliability: compared with 962370 for the years 1961-1980.

964210: SIBU MALAYSIA 2.3N 111.8E 1962-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 2 20'N 111 50'E, alt = 7m. 1962-Nov 1967; alt = 6m. Reliability: uncheckable.

964410: BINTULU MALAYSIA 3.2N 113.0E 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 3 12'N 113 02'E, alt = 3m. Reliability: uncheckable.

964490: MIRI MALAYSIA 4.4N 114.0E 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 4 23'N 113 59'E, alt = 3m. Reliability: uncheckable.

964710: KOTA KINABALU MALAYSIA 6.0N 116.0E 7m 1951-1980 62
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 5 57'N 116 03'E, alt = 3m. Reliability: uncheckable.

964910: SANDAKAN,SABAH MALAYSIA 5.8N 118.1E 14m 1879-1980 62
Sources: A1

Notes: A1: Means of 1/2(daily max + daily min). Alt; 1879-1930 = 104ft, 1931-1950 = 182ft, 1951-1960 = 14m. 1961-1965; 5 54'N 118 04'E, alt = 11m. 1966-1970; alt = 12m. Reliability: compared with 986450, 960350 & 988360 for the years 1891-1970, 1931-1970 & 1951-1970. Record shows a jump associated with 1939-1950 data gap.

965090: TARAKAN INDONESIA 3.3N 117.6E 6m 1961-1980 62
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 3 20'N 117 34'E, alt = 6m. Reliability: uncheckable.

965330: SINGKAWANG MALAYSIA 1.1N 109.7E 1961-1970 61
Sources: A1

Notes: A1: 1961-1970; 1/2(max + min). 1 05'N 109 40'E, alt = 60m. Reliability: uncheckable.

965810: PONTIANAK INDONESIA .0N 109.3E 1879-1980 62
Sources: A1, A155

Notes: A1: Alt; 3m. No other details available. A155: 0 01'S 109 20'E. Alt; 3m. 1912-1932; 1/12(02 + 04 + ...24). 1933-1936; 1/3(06 + 14 + 20). Reliability: compared with 961630 & 967450 for the years 1912-1980. Record shows jumps 1923-1926 & in the 1970s, associated with data gaps.

966330: BALIKPAPAN/SEPINGGAN INDONESIA 1.3S 116.9E 3m 1951-1980 62
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; 1 16'S 116 54'E, alt = 3m. Reliability: uncheckable.

968530: JOGYAKARTA INDONESIA 7.8N 110.4E 107m 1961-1980 62
Sources: A1

Notes: A1: 1961-1970; 07 47'S 110 26'E, alt = 107m. 1/2(max + min). Reliability: uncheckable.

970140: MENADO INDONESIA 1.5N 124.8E 1879-1980 62
Sources: A1, A155

Notes: A1: Alt; 1879-1940 = 4m, 1941-1960 = 86m. 1961-1970; 1 32'N 124 55'E, alt = 80m. A155: 1 30'N 124 50'E. Alt; 1912-May 1913 = 9m, June 1913-1916 = 4m, 1917-1933 = 9m. 1912-1932; 1/12(02 + 04 + ...24). 1933; 1/3(06 + 14 + 20). Reliability: compared with 977240 for the years 1912-1980. Oct 1976 value too low.

970480: GORONTALO INDONESIA 20.5N 123.1E 18m 1961-1980 62
Sources: A1

Notes: A1: 1961-1970; 20 31'N 123 04'E, alt = 18m. 1/2(max + min). Reliability: uncheckable.

974040: MOROTAI INDONESIA 2.1N 128.3E 1951-1961 61
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 2 03'N 128 19'E, alt = 15m. Reliability: uncheckable.

981350: BASCO PHILIPPINES 20.5N 122.0E 11m 1951-1980 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; 20 27'N 121 58'E, alt = 11m. Reliability: compared with 982320 & 983250 for the years 1951-1980. 1957 values are too high.

982320: APARRI PHILIPPINES 18.4N 121.6E 4m 1886-1980 10 1886
Sources: A1, A102, A106

Notes: A1: 1903-1920; no details. Alt = 5m. 1921-1946; 1/6(02 + 06 + 10 + 14 + 18 + 22) 120E meridian time. Alt; 1939-1946 = 6m, 1947-1950 = 17ft, 1951-1960 = 4m. 1947-1970; 1/2(max + min). 1961-1970; 18 22'N 121 38'E, alt = 3m. A102: Press; 1/2(10 + 16). Temp; 1/2(max + min). A106: Normal values, /CLIMO/, only. Temp; 1/2(max + min). No other details available. Reliability: compared with 981350 & 983250 for the years 1951-1980. Jan 1963 & Aug 1976 values are too low.

983250: DAGUPAN PHILIPPINES 16.1N 120.3E 2m 1951-1980 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1960; 16 03'N 120 20'E, alt = 2m. 1961-1970; alt = 3m. Reliability: compared with 981350 & 982320 for the years 1951-1980.

984250: MANILA / LUZON PHILIPPINES 14.6N 121.0E 1865-1960 62
Sources: A1, A17, A102

Notes: A1: 1887-1948; means of 24 hours. 1887-1920; details of the instruments used are given on p108, vol 79. Alt; 1887-1945 = 14m, 1946-1947 = 71ft, 1949-1950 = 5ft, 1951-1960 = 16m. 1941-1948; Observations are a mixture of direct & self-recording, details on p77, vol "1941-1950". 1948-1960;

210

1/2(max + min). A17: No details available. A102: Press; means of 1/2(10 + 16) local time. Temp; means of 24 hourly observations. Reliability: uncheckable.

984290: MANILA,LUZON PHILIPPINES 14.5N 121.0E 15m 1887-1980 20 1887
Sources: A1

Notes: A1: 1951-1970; 1/2(max + min). Airport; alt = 15m. Reliability: compared with 984440 for the years 1903-1980. Corrected for a jump 1948/1949. Correction Factors: Stations used; 984440. Calculation dates; 1949-1980. Correction dates; 1903-1948. Factors: 14 9 13 15 15 8 5 3 6 8 9 10.

984440: LEGASPI PHILIPPINES 13.2N 123.8E 19m 1903-1980 10 1903
Sources: A1

Notes: A1: 1903-1940; 1/6(02 + 06 + 10 + 14 + 18 + 22). 13 09'N 123 45'E, alt = 6m. In Sept 1910 the thermometer shelter changed. Small site changes in the rain gauge occurred in April 1908, Oct 1910 & Mar 1911. 1921-1950; means as above, time is 120E meridian time. 1931-1940; alt = 3m. 1941-1946; 13 08'N 123 44'E, alt = 18ft. Jan-Nov 1947; alt = 19ft. Dec 1947-Oct 1948; 13ft. Nov-Dec 1948; 64ft. 1949-1950; 62ft. 1951-1970; 1/2(max + min). 13 08'N 123 44'E, alt = 19m. Reliability: compared with 985500, 986370 & 986450 for the years 1951-1980, 1903-1980 & 1903-1980.

985500: TACLOBAN PHILIPPINES 11.3N 125.0E 21m 1951-1980 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; 11 15'N 125 00'E, alt = 21m. Reliability: compared with 984440, 986370 & 986450 for the years 1951-1980.

986370: ILOILO PHILIPPINES 10.7N 122.6E 14m 1903-1980 10 1903
Sources: A1

Notes: A1: 1903-1920; 1/6(02 + 06 + 10 + 14 + 18 + 22). 10 42'N 122 34'E, alt = 7m. Instruments moved about 500m in May 1912, from 6 to 7m. 1921-1950; means as above, time is 120E meridian time. 1931-1946; 10 42'N 122 32'E, alt = 14m. 1947-1950; 10 42'N 122 34'E, alt = 46ft. 1951-1970; 1/2(max + min). Alt = 14m. Reliability: compared with 984440 & 985500 for the years 1903-1980 & 1951-1980.

986450: CEBU PHILIPPINES 10.3N 123.9E 35m 1889-1980 10 1891
Sources: A1, A102

Notes: A102: Means of 24 hours. No other details available. A1: Means of 1/2(max + min). 1951-1970; 10 20'N 123 54'E, alt = 42m. Reliability: compared with 964910, 984440 & 985500 for the years 1891-1970, 1903-1980 & 1951-1980. 1899-1950 missing.

986530: SURIGAO PHILIPPINES 9.8N 125.5E 21m 1951-1979 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1965; 9 48'N 125 30'E, alt = 22m. 1966-1970; 9 48'N 125 30'E, alt = 21m. Reliability: compared with 964910 & 988360 for the years 1951-1970 & 1951-1979.

988360: ZAMBOANGA PHILIPPINES 6.9N 122.1E 6m 1951-1980 10 1951
Sources: A1

Notes: A1: 1/2(max + min). 1951-1970; 6 54'N 122 04'E, alt = 6m. Reliability: compared with 964910 & 986530 for the years 1951-1970 & 1951-1979.

988510: REJAH BUAYAN PHILIPPINES 6.1N 125.2E 1951-1960 61
Sources: A1

Notes: A1: 1951-1960; 1/2(max + min). 6 07'N 125 14'E, alt = 15m. Reliability: uncheckable.

990010: SHIP STATION A OCEANIA 62.0N 33.0W 1946-1973 60
Sources: A1

Notes: A1: 1946-1950; 62 00'N 33 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1965; 1/8(00 + 03 + ..21) GMT. Reliability: uncheckable.

990020: SHIP STATION B OCEANIA 56.5N 51.0W 1946-1974 60
Sources: A1

Notes: A1: 1946-1950; 56 30'N 51 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990030: SHIP STATION C OCEANIA 52.6N 35.5W 1945-1977 60
Sources: A1

Notes: A1: 1945-June 1946; 51 36'N 35 30'W. June 1946-1950; 52 36'N 35 30'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 52 45'N 35 30'W. 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990040: SHIP STATION D OCEANIA 44.0N 41.0W 1949-1973 60
Sources: A1

Notes: A1: 1946-1950; 44 00'N 41 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990050: SHIP STATION E OCEANIA 34.0N 52.0W 1945-1973 60
Sources: A1

Notes: A1: 1945-Aug 1949; 34 00'N 52 00'W. Sept 1949-1950; 35 00'N 48 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

211

990080: SHIP STATION H OCEANIA 38.0N 71.0W 1971-1977 60
Sources: A1

Notes: A1: 1949-1950; 36 00'N 70 00'W. 1/8(0030 + 0330 + ...2130) GMT. Reliability: uncheckable.

990090: SHIP STATION I OCEANIA 60.0N 20.0W 1948-1975 60
Sources: A1

Notes: A1: 1948-Mar 1950; 60 00'N 20 00'W. April-Dec 1950; 59 00'N 19 00'W. 1/8(0030 + 0330 + ..2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990100: SHIP STATION J OCEANIA 53.8N 18.7W 1948-1975 60
Sources: A1

Notes: A1: 1947-Mar 1950; 53 50'N 18 40'W. April-Dec 1950; 52 30'N 20 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990110: SHIP STATION K OCEANIA 45.0N 16.0W 1949-1976 60
Sources: A1

Notes: A1: 1949-1950; 45 00'N 16 00'W. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990120: SHIP STATION L OCEANIA 57.0N 20.0W 1975-1980 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990130: SHIP STATION M OCEANIA 66.0N 2.0E 1948-1976 60
Sources: A1

Notes: A1: 1948-1950; 66 00'N 2 00'E. 1/8(0030 + 0330 + ...2130) GMT. 1951-1970; 1/8(00 + 03 + ...21) GMT. Reliability: uncheckable.

990140: SHIP STATION N OCEANIA 30.0N 140.0W 1947-1974 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990160: SHIP STATION P OCEANIA 49.0N 148.0W 1945-1980 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990180: SHIP STATION R OCEANIA 47.0N 17.0W 1975-1980 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990200: SHIP STATION T OCEANIA 29.0N 135.0E 1948-1960 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990220: SHIP STATION V OCEANIA 34.0N 164.0E 1955-1971 60
Sources: A1

Notes: A1: No details available. Reliability: uncheckable.

990507: DRIFTING STATION A OCEANIA 86.2N 113.1W 1957-1958 60
Sources: A1

Notes: A1: 1957-1958; 86 12'N 113 08'W, an ice floe about 2 x 1-1.5 miles. Means of 8 3-hourly observations. Prec is rain + 1/10 of snowfall. Reliability: uncheckable.

990517: DRIFTING STATION B OCEANIA 75.4N 126.6W 1952-1959 60
Sources: A1

Notes: A1: 1952-1959; 75 24'N 126 35'W, alt = 6m, an ice mass about 9 x 5 miles. July 1957-Dec 1958; means of 8 3-hourly observations. Prec is rain + 1/10 of snowfall. For rest of time; 1/2(max + min). Prec is rain + melted snow. Reliability: uncheckable.

990527: NORTH POLE 2 ARCTIC 81.6N 162.8W 1950-1951 60
Sources: A1

Notes: A1: 1/4(00 + 06 + 12 + 18) GMT. 81 36'N 162 48'W. Reliability: uncheckable.

990537: NORTH POLE 4 ARCTIC 86.1N .3E 1954-1956 60
Sources: A1

Notes: A1: 1/4(00 + 06 + 12 + 18) GMT. 86 06'N 00 18'E. Reliability: uncheckable.

990547: NORTH POLE 6 ARCTIC 85.4N 28.1E 1956-1959 60
Sources: A1

Notes: A1: 1/4(00 + 06 + 12 + 18) GMT. 85 24'N 28 06'E. Reliability: uncheckable.

990557: NORTH POLE 7 ARCTIC 83.3N 34.1W 1957-1959 60
Sources: A1

Notes: A1: 83 18'N 34 06'W. 1/4(00 + 06 + 12 + 18 GMT, except for Jan-Mar 1959 when 1/2(00 + 12) GMT was used. Reliability: uncheckable.

212

991220: MOGADOR MOROCCO 31.5N 9.8W 17m 1878-1971 60
Sources: A29, A43, A167

Notes: A29: Temp & Press; 1/3(07 + 14 + 21). A43: Temp; 1/2(max + min). Observations were also taken at same time as Press; 1905; 1/3(08 + 14 + 20), 1909; 1/3(09 + 14 + 21). Alt; 1905 = 10m, 1909 = 15m. 1910-1911; 31 30'N 12 07'W of Paris, alt = 17m. A167: Means of 1/2(max + min). 31 31'N 9 47'W, alt = 5m. Reliability: uncheckable.

999002: MYGGBUKTA GREENLAND 73.5N 21.6W 4m 1932-1950 10 1932
Sources: A1

Notes: A1: Koppen formula, m = n - k(n - min), where n = 1/3(08 + 14 + 19) GMT, k is a seasonally dependant factor & min is the mean min temp. 1932-July 1939; alt = 3m. Sept 1946-1950; 73 29'N 21 34'W, alt = 4m. Reliability: compared with 010010 for the years 1932-1950.

999003: BALTISCHPORT USSR 59.4N 24.1E 10m 1839-1880 60
Sources: A13, A35

Notes: A13: Alt; 10m. Jan-Mar 1839 & April-Sept 1849; 1/3(07 + 12 + 21). April-Aug 1839; 1/3(05 + 14 + 22). Sept 1839-Mar 1849; 1/3(07 + 14 + 22). Oct 1849-Mar 1865; 1/3(08 + 0.5(12 + 15) + 22). April 1865-Nov 1869; 1/3(07 + 14 + 21). Dec 1869-June 1871; 1/3(08 + 14 + 21). July 1871-1880; 1/3(07 + 13 + 21). Corrections are given on pV. A35: No details available. Reliability: uncheckable.

999004: LUGAN USSR 48.6N 39.3E 60m 1837-1882 60
Sources: A2, A13, A35

Notes: A2: No details available. A13: 1837-1861; 1/3(08 + 14 + 22). 1862-Aug 1872; 1/3(06 + 14 + 22). Sept 1872-1880; 1/3(07 + 13 + 21). Corrections are given on pIX. Alt; 60m. A35: No details available. Reliability: uncheckable.

999005: BOGOSLOWSK USSR 59.8N 60.1E 190m 1838-1882 60
Sources: A2, A13, A35, A70

Notes: A2: No details available. A13: Alt; 190m. 1838-1869; 1/3(08 + 14 + 22). 1870-1880; 1/3(07 + 13 + 21). Corrections are given on pXI. A35: No details available. A70: A combination of 1/4(08 + 14 + 22 + 22) & 1/3(07 + 13 + 21). Corrections, but no other details are given on pLXXXIII. Reliability: uncheckable.

999011: BOUZAREAH ALGERIA 36.8N 3.0E 344m 1894-1950 60
Sources: A1

Notes: A1: 1894-1909; 1/4(07 + 13 + 19 + (19 + min)/2), corrected to means of 24 hours by corrections given on p6, vol 79. 1910-1920; means of 24 hourly values. 1894-1940; alt = 342m. 1921-1922 & 1925-1930; tri-hourly observations, accepted as the 24 hour mean. 1923 & 1924; 1/3(07 + 13 + 18) corrected to mean of 24 hours by corrections given on p5, vol XC. 1931-1940; 1/3(07 + 13 + 18) reduced to true means of 24 hours, by corrections given on p3, vol 105. 1941-1950; 1/4(07 + 13 + 18 + (min + 18)/2) GMT, alt = 344m. Reliability: uncheckable.

999013: FORT TRINQUET MAURITANIA 25.2N 11.6W 1945-1950 60
Sources: A1

Notes: A1: 1945-1950; 1/2(max + min). 25 14'N 11 35'W, alt = 1181ft. Reliability: uncheckable.

999014: CAPE SPARTEL MOROCCO 35.8N 5.9W 59m 1894-1920 60
Sources: A1

Notes: A1: 1/4(09 + 21 + max + min). Alt; 1894-July 1914 = 197ft, Sept 1914-1915 = 235ft, 1916-1920 = 197ft. Reliability: uncheckable.

999016: ANTA CHINA 46.4N 125.3E 151m 1914-1942 60
Sources: A1

Notes: A1: 1914-1939; 1/3(07 + 13 + 21) 126.5E meridian time. 1940-1943; 1/6(02 + 06 + 10 + 14 + 18 + 22) 135E meridian time. 46 25'N 125 20'E, alt = 151m. Reliability: uncheckable.

999017: QU'APPELLE CANADA 50.5N 103.9W 650m 1883-1968 60
Sources:

Notes: Reliability: uncheckable.

999018: FORT BAYARD CHINA 21.1N 110.5E 14m 1921-1940 60
Sources: A1

Notes: A1: 1921-1940; 1/2(max + min). 21 03'N 110 28'E, alt = 14m. Reliability: uncheckable.

999023: MUKDEN (SHENYANG) CHINA 41.8N 123.4E 44m 1905-1943 60
Sources: A92

Notes: A92: alt = 44m. "Mean daily max" and "mean daily min" are given but "mean daily temp" does not appear to be 1/2(max + min), however some correction may have been made. No other details available. Reliability: uncheckable.

999024: PORT ARTHUR CHINA 38.8N 121.2E 16m 1906-1944 60
Sources: A92

Notes: A92: alt = 16m. "Mean daily max" and "mean daily min" are given, but "mean daily temp" does not appear to be 1/2(max + min), however some correction may have been made. No other details available. Reliability: uncheckable.

999025: TIENTSIN CHINA 39.2N 117.2E 5m 1920-1948 60
Sources: A92

Notes: A92: alt = 5m. "Mean daily max" and "mean daily min" are given but "mean daily temp" does not appear to be 1/2(max + min), however some correction may have been made. No other details available. Reliability: uncheckable.

999026: JASK IRAN 25.8N 57.8E 4m 1893-1949 10 1893
Sources: A1

Notes: A1: Means of 1/2(max + min). Alt; 13ft. Reliability: compared with 404600 & 404270 for the years 1893-1949 & 1902-1949.

999027: SYANA JAPAN 45.2N 147.9E 39m 1903-1944 10 1903
Sources: A1

Notes: A1: 1903-1938; 1/6(02 + 06 + 10 + 14 + 18 + 22). 1939-1944; 1/3(06 + 14 + 22) 135E meridian time. 45 14'N 147 53'E, alt = 39m. Reliability: compared with 320980 & 474200 for the years 1903-1950.

999028: CHUNGKANGIN CHINA 41.8N 126.9E 312m 1915-1944 60
Sources: A1

Notes: A1: Jan-May 1914; 1/3(06 + 14 + 22). June 1914-Dec 1939; 1/6(02 + 06 + 10 + 14 + 18 + 22). 1940-1944; 1/3(06 + 14 + 22) 135E meridian time. 41 47'N 126 53'E, alt = 312m. Reliability: uncheckable.

999029: JSCHIN (ZVOSIN) KOREA 40.7N 129.2E 32m 1906-1944 60
Sources: A1

Notes: A1: 1906-1920; means of (hours not given). 40 40'N 129 11'E, alt = 4m. 1921-1939; 1/6(02 + 06 + 10 + 14 + 18 + 22) 135E meridian time. Dec 1919-1944; 40 40'N 129 12'E, alt = 32m. 1940-1944; 1/3(06 + 14 + 22) 135E meridian time. Reliability: uncheckable.

999031: UNGGI KOREA 42.3N 130.4E 89m 1915-1944 60
Sources: A1

Notes: A1: 1915-1939; 1/6(02 + 06 + 10 + 14 + 18 + 22). 1940-1944; 1/3(06 + 14 + 22) 135E meridian time. Jan-May 1915; alt = 6m. June 1915-Dec 1923; 66m, 1924-1936; 64m, 1937-1944; 89m. Reliability: uncheckable.

999032: FORT SHEVTCHENKO USSR 44.5N 50.1E 24m 1873-1950 60
Sources: A1

Notes: A1: 1882-1915; 1/3(07 + 13 + 21) corrected to means of 24 hours. Alt; 24m. 1921-1930; 1/3(07 + 13 + 21). Alt; 23m. 1931-Feb 1936; 1/3(07 + 13 + 21) local time, corrected to the means of 24 hours. Mar 1936-1940; 1/4(01 + 07 + 13 + 19). 1941-1950; 1/4(01 + 07 + 13 + 19) local time corrected to the means of 24 hours. NB. Temp; 1882-1915 reduced to a standard alt by assuming a decrease of .6C for every 100m. Reliability: uncheckable.

999033: HOROMUSHIRO USSR 50.2N 155.8E 1936-1943 60
Sources: A1

Notes: A1: 1936-April 1940; 1/6(02 + 06 + 10 + 14 + 18 + 22). May 1940-1943; 1/3(06 + 14 + 22) 135E meridian time. 1936-June 1937; alt = 11m. July 1937-Nov 1943; alt = 9m. Nov 1943-Dec 1943; 50 11'N 155 45'E, alt = 7m. Reliability: uncheckable.

999034: KASALINSK USSR 45.8N 62.1E 1881-1950 10 1900
Sources: A1, A2

Notes: A1: 1881-1920; means of (hours not given). 1921-1935; 1/3(07 + 13 + 21) local time. Alt = 67m. 1936-1950; 1/4(01 + 07 + 13 + 19) local time, corrected to the means of 24 hours. A2: No details available. Reliability: compared with 353580 for the years 1900-1950. See also station 358490.

999038: NIKOLSK USSURIYSKY USSR 43.8N 132.0E 46m 1890-1950 10 1890
Sources: A1

Notes: A1: 1890-1935; 1/3(07 + 13 + 21) corrected to means of 24 hours. 1936-1940; 1/4(01 + 07 + 13 + 19) local time. 1941-1950; 1/4(01 + 07 + 13 + 19) local time corrected to the means of 24 hours. Site; 1890-1910; 43 47'N 131 57'E, alt = 25m. 1911-1915; alt = 46m, 1916-1930 = 25m, 1931-1950 = 28m. NB. Temp corrections for 1889-1910 & for an unspecified site change are given on pxiii, vol 79. Temp 1890-1915 reduced to a standard height, by assuming a decrease of .6C for every 100m. 1938 is 1/3(07 + 13 + 21). Reliability: compared with 319600 for the years 1890-1950.

999039: OCHIAI USSR 47.3N 142.7E 7m 1908-1950 10 1908
Sources: A1

Notes: A1: 1908-1920; 1/3(07 + 13 + 21) corrected to means of 24 hours and reduced to a standard height of 7m by assuming a decrease of -0.6C for every 100m. 47 20'N 142 44'E, alt = 7m. 1921-1935; 1/6(02 + 06 + 10 + 14 + 18 + 22) 135E meridian time. 47 20'N 142 47'E, alt = 7m. 1936-1940; 47 20'N 142 48'E, alt = 7m. 1940-1944; 1/3(06 + 14 + 22) 135E meridian time. Alt; 41m. 1946-1950; Dolinsk, USSR, 47 20'N 142 48'E, alt = 7m. 1/4(01 + 07 + 13 + 19) local time corrected to means of 24 hours. Reliability: compared with 320980 & 474200 for the years 1908-1950.

999041: WAIGATZ USSR 70.4N 58.8E 11m 1914-1950 10 1914
Sources: A1

Notes: A1: 1921-1935; 1/3(07 + 13 + 21) local time, corrected to means of 24 hours. 70 24'N 58 47'E, alt = 11m. 1936-1938; 1/4(01 + 07 + 13 + 19) local time. 1939-1950; 1/4(01 + 07 + 13 + 19) local time corrected to means of 24 hours. Reliability: compared with 207440 for the years 1914-1950.

999042: DONG HOI VIETNAM 17.5N 106.6E 1941-1950 60
Sources: A1

Notes: A1: 1941-1950; 17 29'N 106 36'E, alt = 5m. 1/12(02 + 04 + ...24) 105E meridian time. Reliability: uncheckable.

214

999043: HAIPHONG VIETNAM 20.8N 106.7E 1948-1950 60
Sources: A1

Notes: A1: 1947-1950; 20 49'N 106 43'E, alt = 5m. 1/12(02 + 04 + ...24) 105E meridian time. Reliability: uncheckable.

999045: MONCAY VIETNAM 21.5N 107.9E 9m 1906-1950 72
Sources: A1

Notes: A1: 1/2(max + min). 1906-1940; 21 31'N 107 51'E, alt = 9m. 1941-1950; 1/12(02 + 04 + ...24) 105E meridian time. 21 31'N 107 58'E, alt = 10m. Reliability: compared with 999046 for the years 1906-1944.

999046: PHU-LIEN VIETNAM 20.8N 106.6E 116m 1906-1944 70
Sources: A1

Notes: A1: 1907-1920; means of 12 bi-hourly observations. 20 48'N 106 37'E, alt = 116m. 1921-1930; 1/2(max + min). 20 48'N 106 38'E, alt = 116m. 1931-1940; 1/12(02 + 04 + ...24) 105E meridian time. Reliability: compared with 999045 for the years 1906-1944.

999048: CHIMAX BEI COBAN GUATEMALA 15.6N 90.4W 1892-1913 60
Sources: A1

Notes: A1: 1/3(06 + 12 + 18). No other details available. Reliability: uncheckable.

999049: OBIR AUSTRIA 46.5N 14.5E 2044m 1848-1944 60
Sources: A1, A35

Notes: Also known as Villacher Alpe. A1: 1851-1885; means of 24 hours. 1886-1944; 1/4(07 + 14 + 21 + 21) local time. Alt; 2044m. Rain gage moved 70m east in June 1941. Observations made at summer time April 1940-Nov 1942, Mar-Oct 1943 & April-July 1944, but no corrections made. Rain for Oct 1938-1939 is derived from surrounding stations. A35: No details available. Reliability: uncheckable.

999050: GUTERSLOH W.GERMANY 51.9N 8.4E 76m 1835-1923 60
Sources: A1, A14, A35, A101

Notes: A1: 1835-1923; alt = 76m. 1835-1886; 1/3(06 + 14 + 22). 1887-1923; 1/4(07 + 14 + 21 + 21). Site moved in 1853, no details available. A14: Alt; 72m. No other details available. A35: No details available. A101: No details available. Reliability: uncheckable.

999051: GIBRALTAR GIBRALTAR 36.1N 5.4W 3m 1852-1973 10 1852
Sources: A1, A8, A43

Notes: A1: 1852-1903; 1/2(max+min) corrected to 1/4(07+13+21+21) by correction based on 1911-20 data. In Aug 1911 a 10F error was found in min thermometer due to evaporation of spirit since 1904. 1904-June 1908; 1/2(09+15) reduced as above (corrections on p43, vol 79). July 1908-30; true means of 1/4(07+13+21+21) reduced from; 1852-May 1862; 1/2(0930+1530), 1862-June 1908; 1/2(09+15). 1931-60; 1/2(max+min). In Nov 1935 moved from 102 to 395ft. Northfront opened May 1943, alt = 8ft. Windmill Hill closed in 1947 after several unsatisfactory moves. 1948-50 data adjusted by corrections given on p40. 1951-60; alt = 3m. Instruments read at station zone time nearest to 09GMT. NB. In May 1912 rain gauge moved 105ft S of other instruments to an alt of 46ft. A8: No details available. A43: No details available. Reliability: compared with 082220 & 085360 for the years 1852-1950 & 1864-1950.

999053: SASSARI ITALY 40.7N 8.6E 224m 1883-1950 10 1883
Sources: A1

Notes: A1: 1883-1920; means of (hours not given). Alt; 224m. 1921-1940; means of 1/4(09 + 21 + max + min) Central European Time. 1941-1950; 1/4(08 + 19 + max + min) 15E meridian time. Reliability: compared with 076500 & 162400 for the years 1883-1950.

999054: GJESVAR NORWAY 71.1N 25.4E 6m 1878-1968 60
Sources: A1

Notes: A1: Alt; 7m. 1878-1920; means of (hours not given). 1921-1926; means from Koppen formula, m = n - k(n-min) where n is the mean of 3 daily observations, min is the daily min temp & k is a coefficient whose value varies with the season. 1921-1948; n = 1/3(08 + 14 + 19) 15E meridian time. 1949-1950; n = 1/3(07 + 14 + 19) 15E meridian time. Reliability: uncheckable.

999055: INGOY NORWAY 71.1N 24.2E 1941-1950 60
Sources: A1

Notes: A1: 1941-1950; Koppen formula, m = n - k(n - min), where n is the mean of 3 daily observations, k is a seasonally dependant correction factor & min is the mean min temp. 1941-1948; n = 1/3(08 + 14 + 19). 1949-1950; n = 1/3(07 + 14 + 19) 15E meridian time. 1941-Aug 1945; alt = 4m. Sept 1945-1950; alt = 8m. Reliability: uncheckable.

999056: MEHAVEN-SLETNES NORWAY 71.0N 27.8E 10m 1899-1940 60
Sources: A1

Notes: A1: 1899-1926; 71 1'N 27 47'E, alt = 10m. 1927-1930; 71 5'N 28 14'E, alt = 10m. 1899-1940; means calculated by Koppen formula, m = n - k(n-min), where m = true mean temp, min = daily min temp, n is the mean of 3 daily observations & k is a factor dependant on station & season. 1899-1919; n = 1/3(08 + 14 + 20). 1920-1940; n = 1/3(08 + 14 + 19). All 15E meridian time. 1927-1934; temp recorded at an alt of 7m. Reliability: uncheckable.

999057: PERM USSR 58.0N 56.3E 144m 1883-1950 60
Sources: A1

Notes: A1: 1883-1935; 1/3(07 + 13 + 21) local time, corrected to the means of 24 hours. Alt; 159m. 1921-1937; alt = 163m. In 1938 station moved to 144m, no details given. 1936-1950; 1/4(01 + 07 + 13 + 19) local time, corrected to

the means of 24 hours, except April-Dec 1938; 1/3(07 + 13 + 21). NB. Temp 1883-1920 reduced to a standard alt by assuming a decrease of .45C for every 100m. Reliability: uncheckable.

999058: NOVOROSSISK USSR 44.7N 37.8E 37m 1881-1950 60
Sources: A1

Notes: A1: 1881-1935; 1/3(07 + 13 + 21) local time, corrected to the means of 24 hours. Alt; 37m. 1936-1940; 1/4(01 + 07 + 13 + 19) local time, corrected to the means of 24 hours. 1941-1950; 1/4(01 + 07 + 13 + 21) local time, corrected to means of 24 hours. NB. temp 1881-1920 reduced to a standard height by assuming a decrease of .45C for every 100m. Reliability: uncheckable.

999059: SWERDLOWSK USSR 56.8N 60.6E 1881-1950 60
Sources: A1

Notes: A1: 1881-1935; 1/3(07 + 13 + 21) local time, corrected to means of 24 hours. Alt; 281m. 1936-1960; 1/4(01 + 07 + 13 + 19) local time, corrected to means of 24 hours. In 1938 the station was out of use, values were interpolated from the neighbouring station at 56 47'N 60 38'E, alt = 290m. NB. Temp 1881-1920 reduced to a standard height by assuming a decrease of .45C for every 100m. Reliability: uncheckable.

999060: UST-ZYLMA USSR 65.5N 52.2E 27m 1889-1950 10 1897
Sources: A1

Notes: A1: 1889-1935; 1/3(07 + 13 + 21) local time, corrected to the means of 24 hours. Alt; 1889-1920 = 25m, 1921-1930 = 27m, 1931-1940 = 74m, 1941-1950 = 72m. 1936-1950; 1/4(01 + 07 + 13 + 19) local time, corrected to the means of 24 hours. NB. 1889-1935 temp reduced to a standard height by assuming a decrease of .45C for every 100m. Corrections for the period 1889-1915 & for an unspecified site change are given on pxiii, vol 79. Reliability: compared with 207440 for the years 1897-1950.

999071: QU'APPELLE CANADA 50.5N 103.8W 650m 1883-1950 60
Sources:

Notes: Reliability: uncheckable.

999082: NORTH HEAD USA 46.3N 124.1W 59m 1878-1950 60
Sources:

Notes: Reliability: uncheckable.

999120: ANTIGUA ANTIGUA 17.1N 61.8W 1947-1950 60
Sources: A1

Notes: A1: 1947-1950; 1/2(max + min). 17 05'N 61 50'W, alt = 120ft. Reliability: uncheckable.