

NOAA TECHNICAL MEMORANDUM NWS WR-242

## CLIMATE OF POCATELLO, IDAHO

Joe Heim<br>National Weather Service Office<br>Pocatello, ID

## October 1996

## NOAA TECHNICAL MEMORANDA

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Joe Heim<br>National Weather Service Office<br>Pocatello, Idaho

## October 1996

# This publication has been reviewed and is approved for publication by <br> Scientific Services Division, Western Region 

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# CLIMATE OF POCATELLO, IDAHO 

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## I. INTRODUCTION

Pocatello is located at the mouth of the Portneuf Canyon along the southeastern edge of the Snake River plain. The elevation of the city is approximately 4500 feet above mean sea level. Generally mountainous terrain borders the city on the east and south. The mountains rise abruptly to over 9000 feet elevation within 15 miles to the east, and to over 7500 feet elevation 10 miles south. The broad Snake River valley extends to the west and north with intensive agriculture practiced in the immediate area. A desert composed mostly of lava rock along with sagebrush and sand is located approximately 25 to 30 miles to the north and west of the city.

Pocatello's climate is characterized by variety. The area's semi-arid climate is the result of the Cascade and Sierra mountains to the west and the Bitterroot and Rocky mountains to the north which effectively block Pacific moisture. Summer monsoonal moisture intrusions are infrequent and significantly modified by the arid Great Basin of Utah and Nevada. The Rocky and Bitterroot mountains form the headwaters of the Snake River and receive copious amounts of winter snow. The success of local agriculture is dependent on irrigation, both from deep wells and a system of canals supplied by storage reservoirs on the Snake River.

During winter, brisk southwesterly winds often persist for days or weeks. These winds may moderate cold winter conditions, producing unusually mild temperatures compared to surrounding areas. There are
usually a number of days each winter when temperatures remain below freezing. Subzero temperatures usually occur only a few days each winter. During especially cold outbreaks, snowfall may accumulate to a depth of a foot or more. Cloudy and unsettled weather is common during the winter with measurable precipitation occurring on about one-third of the days.

Spring months are normally wet and windy. Winds of 20 to 30 mph may persist for days at a time. Weather conditions fluctuate quickly during the spring. Afternoon temperatures in the 30's and 40's with precipitation in the form of rain or snow may occur after a period of sunny skies and afternoon temperatures in the 60's or 70's. Thunderstorms are not uncommon, and are usually accompanied by rain showers and occasionally snow. Low elevation snowpack usually melts quickly during the spring, but high elevation snowpack can persist into late June.

Summer may begin suddenly with a rapid change to warm and dry weather. Home heating is usually not required after the first week in June, but chilly nights can persist into early July. Showers and/or thunderstorms are common from late spring through summer. These storms often produce very localized precipitation. Thunderstorms are seldom severe, and tornados occur infrequently in the area. Brief heavy rain, lightning, small hail, and gusty winds may cause very localized damage at times. Long periods of excessively hot weather in July and August are uncommon. Afternoon temperatures often rise into the 90 's, however low humidity usually results in
overnight temperatures in the 50's or even cooler. The average growing season in Pocatello is around 120 days, extending from late May to late September.

Autumn ushers in cooler weather with daytime highs generally in the 70's in early fall dipping into the mid 40's by mid November with generally dry conditions. Autumn storms are usually very fast moving, and seldom persist for more than a few days. Sunny, warm days with cool nights are delightful for outdoor activities. Continuous home heating is seldom needed until midOctober. The first cold wave with highs below 20 and lows around 0 or lower may arrive anytime between late November and Christmas.

## II. HISTORY OF OBSERVATIONS IN POCATELLO

The National Weather Service began its operation in Pocatello on July 1, 1899, when it was moved from Idaho Falls. The original reporting station was established by the U.S. Department of Agriculture, Weather Bureau in 1892. The reasons stated for the move included "better mail, message and transportation services offered in the railroad town of Pocatello".

The first location of the Weather Bureau office in Pocatello was on the second floor of the Phoenix Building at East Center and Railroad Streets in the Downtown area. On June 30, 1901, it was moved to the second floor of the Cook Building at 343 West Center. On April 1, 1916, the office was moved to its final downtown location on the third floor of the newly constructed Federal Post Office Building at Lewis and Arthur Streets.

Growth of new buildings in the downtown area caused minor observational problems as new structures obstructed wind vanes
and anemometers. Station records dated November 1, 1914 report there was a "slight obstruction to the northeast on account of the new Kane Building" which probably contributed to the moving of the facility in 1916. Further downtown growth continued and a January 21, 1921 report stated "Wind directions from the west were obstructed by the erection of the Bannock Hotel, to the height of seven stories, about 250 feet from the anemometer". Despite continuing minor interferences to observations (which were probably common to many facilities in growing cities across the country at that time), the office remained at the downtown Post Office location until September 1, 1938, when the growth of aviation beckoned it to the airport six miles west of the city on the Snake River Plain.

The first airport office was at McDougall Field where it remained until May 17, 1949, when it was moved 2.5 miles farther westward to Phillips Field when McDougall field was abandoned. The Weather Service office moved into a new separate building approximately $1 / 4$ mile southwest of the airport terminal building on March 22, 1995.

## III. PERIOD OF RECORD

The period of record for all daily and monthly statistics is July 1, 1899 through December 31, 1995. The time for all daily records are from Midnight Mountain Standard Time (MST) to Midnight MST. Daily snowfall statistics before January 1, 1943 are from 6PM MST the previous day to 6PM MST the current day. Annual statistics include the period of record from January 1, 1900 through December 31, 1995. All averages and normals were derived from the Climatological Standard Normals 1961-1990. All periods of record use the above defaults unless otherwise indicated.

## LOCATIONS OF OFFICIAL POCATELLO OBSERVING SITES

| From | To | Description |
| :---: | :---: | :--- |
| $7-1-1899$ | $6-30-1901$ | Phoenix block, 2nd floor, E. Center and Railroad St. 42 52' N, <br> 112 29' W. Elevation 4463 ft. |
| 6-30-1901 | 4-1-1916 | Cook block, 2nd floor, 343 W. Center St. 2500 ft. west of the <br> previous location. 42 52' N, 112 29' W. Elevation 4463 ft. |
| $4-1-1916$ | $2-28-1949$ | Federal Post Office, 3rd floor, Lewis and Arthur St. 1200 ft. <br> south of previous location. 42 52' N, 112 29' W. Elevation 4468 <br> ft. Temperature and precipitation reading only after 9-1-1938. |
| 9-1-1938 | $5-17-1949$ | Pocatello Municipal Airport, McDougall Field. 42 55' N, 112 <br> $32^{\prime}$ W. Elevation 4462 ft. |
| $5-17-1949$ | $12-18-1951$ | Pocatello Municipal Airport, Phillips Field. 2.5 miles west of <br> previous location. 42 55' N, 112 36' W. Elevation 4444 ft. |
| $12-18-1951$ | $3-22-1995$ | Pocatello Municipal Airport. Name of airport changed from <br> Phillips Field 5-8-56. Elevation corrected to 4454 ft 9-15-63. |
| 3-22-1995 | Present | National Weather Service. 1320 Beechcraft St. Approximately <br> $1000 \mathrm{ft}$. southwest of previous location. Elevation 4451 ft. |

## MAP OF AREA



## TEMPERATURE STATISTICS

## DAILY NORMAL TEMPERATURES

|  | January |  | February |  | March |  | April |  | May |  | June |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low |
| 1 | 31 | 13 | 35 | 17 | 42 | 23 | 52 | 29 | 63 | 36 | 73 | 44 |
| 2 | 31 | 13 | 35 | 17 | 42 | 23 | 53 | 29 | 63 | 36 | 73 | 44 |
| 3 | 31 | 13 | 35 | 17 | 43 | 23 | 53 | 30 | 63 | 36 | 73 | 44 |
| 4 | 31 | 13 | 36 | 18 | 43 | 23 | 53 | 30 | 64 | 37 | 74 | 45 |
| 5 | 31 | 13 | 36 | 18 | 43 | 24 | 54 | 30 | 64 | 37 | 74 | 45 |
| 6 | 31 | 13 | 36 | 18 | 43 | 24 | 54 | 30 | 64 | 37 | 74 | 45 |
| 7 | 31 | 13 | 36 | 18 | 44 | 24 | 55 | 30 | 65 | 37 | 75 | 45 |
| 8 | 31 | 14 | 37 | 18 | 44 | 24 | 55 | 30 | 65 | 38 | 75 | 45 |
| 9 | 31 | 14 | 37 | 19 | 44 | 24 | 55 | 31 | 65 | 38 | 75 | 46 |
| 10 | 31 | 14 | 37 | 19 | 45 | 25 | 56 | 31 | 66 | 38 | 76 | 46 |
| 11 | 31 | 14 | 37 | 19 | 45 | 25 | 56 | 31 | 66 | 38 | 76 | 46 |
| 12 | 32 | 14 | 38 | 19 | 45 | 25 | 56 | 31 | 66 | 39 | 77 | 46 |
| 13 | 32 | 14 | 38 | 19 | 46 | 25 | 57 | 32 | 67 | 39 | 77 | 47 |
| 14 | 32 | 14 | 38 | 20 | 46 | 25 | 57 | 32 | 67 | 39 | 77 | 47 |
| 15 | 32 | 14 | 39 | 20 | 46 | 26 | 57 | 32 | 67 | 39 | 78 | 47 |
| 16 | 32 | 14 | 39 | 20 | 47 | 26 | 58 | 32 | 67 | 40 | 78 | 47 |
| 17 | 32 | 14 | 39 | 20 | 47 | 26 | 58 | 33 | 68 | 40 | 78 | 48 |
| 18 | 32 | 14 | 39 | 21 | 47 | 26 | 58 | 33 | 68 | 40 | 79 | 48 |
| 19 | 32 | 14 | 40 | 21 | 48 | 27 | 59 | 33 | 68 | 40 | 79 | 48 |
| 20 | 32 | 15 | 40 | 21 | 48 | 27 | 59 | 33 | 69 | 41 | 80 | 48 |
| 21 | 33 | 15 | 40 | 21 | 48 | 27 | 60 | 34 | 69 | 41 | 80 | 49 |
| 22 | 33 | 15 | 40 | 21 | 49 | 27 | 60 | 34 | 69 | 41 | 80 | 49 |
| 23 | 33 | 15 | 41 | 22 | 49 | 27 | 60 | 34 | 70 | 41 | 81 | 49 |
| 24 | 33 | 15 | 41 | 22 | 49 | 28 | 61 | 34 | 70 | 42 | 81 | 49 |
| 25 | 33 | 15 | 41 | 22 | 50 | 28 | 61 | 34 | 70 | 42 | 82 | 50 |
| 26 | 33 | 16 | 41 | 22 | 50 | 28 | 61 | 35 | 71 | 42 | 82 | 50 |
| 27 | 34 | 16 | 42 | 22 | 50 | 28 | 61 | 35 | 71 | 42 | 83 | 50 |
| 28 | 34 | 16 | 42 | 23 | 51 | 28 | 62 | 35 | 71 | 43 | 83 | 50 |
| 29 | 34 | 16 | 42 | 23 | 51 | 29 | 62 | 35 | 72 | 43 | 83 | 51 |
| 30 | 34 | 16 |  |  | 51 | 29 | 62 | 36 | 72 | 43 | 84 | 51 |
| 31 | 35 | 17 |  |  | 52 | 29 |  |  | 72 | 43 |  |  |

DAILY NORMAL TEMPERATURES (CONT.)

|  | July |  | August |  | September |  | October |  | November |  | December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low |
| 1 | 84 | 51 | 89 | 53 | 81 | 47 | 69 | 38 | 53 | 30 | 38 | 20 |
| 2 | 85 | 51 | 89 | 53 | 81 | 47 | 69 | 37 | 53 | 30 | 37 | 20 |
| 3 | 85 | 51 | 89 | 53 | 80 | 47 | 69 | 37 | 52 | 30 | 37 | 20 |
| 4 | 85 | 52 | 89 | 53 | 80 | 46 | 68 | 37 | 52 | 29 | 37 | 19 |
| 5 | 86 | 52 | 89 | 53 | 79 | 46 | 68 | 36 | 51 | 29 | 36 | 19 |
| 6 | 86 | 52 | 89 | 53 | 79 | 46 | 67 | 36 | 50 | 29 | 36 | 18 |
| 7 | 86 | 52 | 89 | 53 | 78 | 46 | 67 | 36 | 50 | 29 | 36 | 18 |
| 8 | 87 | 52 | 89 | 52 | 78 | 45 | 67 | 35 | 49 | 28 | 35 | 18 |
| 9 | 87 | 53 | 88 | 52 | 78 | 45 | 66 | 35 | 48 | 28 | 35 | 17 |
| 10 | 88 | 53 | 88 | 52 | 77 | 45 | 66 | 35 | 48 | 28 | 35 | 17 |
| 11 | 88 | 53 | 88 | 52 | 77 | 44 | 65 | 35 | 47 | 28 | 34 | 17 |
| 12 | 88 | 53 | 88 | 52 | 76 | 44 | 65 | 34 | 47 | 28 | 34 | 16 |
| 13 | 88 | 53 | 88 | 52 | 76 | 44 | 64 | 34 | 46 | 27 | 34 | 16 |
| 14 | 88 | 53 | 87 | 52 | 76 | 43 | 64 | 34 | 46 | 27 | 34 | 16 |
| 15 | 89 | 53 | 87 | 51 | 75 | 43 | 63 | 34 | 45 | 27 | 34 | 15 |
| 16 | 89 | 53 | 87 | 51 | 75 | 43 | 63 | 33 | 45 | 26 | 33 | 15 |
| 17 | 89 | 53 | 86 | 51 | 74 | 42 | 62 | 33 | 44 | 26 | 33 | 15 |
| 18 | 89 | 54 | 86 | 51 | 74 | 42 | 62 | 33 | 44 | 26 | 33 | 15 |
| 19 | 89 | 54 | 86 | 51 | 74 | 42 | 61 | 33 | 43 | 25 | 33 | 15 |
| 20 | 89 | 54 | 86 | 50 | 73 | 41 | 61 | 32 | 43 | 25 | 33 | 14 |
| 21 | 89 | 54 | 85 | 50 | 73 | 41 | 60 | 32 | 42 | 24 | 32 | 14 |
| 22 | 89 | 54 | 85 | 50 | 72 | 41 | 60 | 32 | 42 | 24 | 32 | 14 |
| 23 | 90 | 54 | 85 | 50 | 72 | 41 | 59 | 32 | 41 | 24 | 32 | 14 |
| 24 | 90 | 54 | 84 | 49 | 72 | 40 | 59 | 31 | 41 | 23 | 32 | 14 |
| 25 | 90 | 54 | 84 | 49 | 71 | 40 | 58 | 31 | 40 | 23 | 32 | 14 |
| 26 | 90 | 54 | 84 | 49 | 71 | 40 | 57 | 31 | 40 | 23 | 32 | 14 |
| 27 | 90 | 54 | 83 | 49 | 71 | 39 | 57 | 31 | 39 | 22 | 32 | 14 |
| 28 | 90 | 53 | 83 | 48 | 70 | 39 | 56 | 31 | 39 | 22 | 31 | 14 |
| 29 | 90 | 53 | 82 | 48 | 70 | 38 | 56 | 30 | 38 | 21 | 31 | 13 |
| 30 | 90 | 53 | 82 | 48 | 70 | 38 | 55 | 30 | 38 | 21 | 31 | 13 |
| 31 | 89 | 53 | 81 | 48 |  |  | 54 | 30 |  |  | 31 | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |

JANUARY DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 55 | 1918 | 2 | 1975 | 39 | 1934 | -20 | 1942 |
| 2 | 55 | 1918 | 8 | 1942 | 37 | 1928 | -16 | 1974 |
| 3 | 57 | 1918 | 6 | 1910 | 38 | 1916 | -15 | 1952 |
| 4 | 51 | $1994+$ | 2 | 1973 | 40 | $1930+$ | -22 | 1942 |
| 5 | 57 | 1927 | 8 | 1913 | 38 | 1938 | -19 | 1979 |
| 6 | 54 | 1948 | 3 | 1937 | 43 | 1965 | -24 | 1979 |
| 7 | 55 | 1948 | 1 | $1982+$ | 43 | 1948 | -28 | 1979 |
| 8 | 55 | 1902 | 1 | 1937 | 37 | $1990+$ | -20 | 1979 |
| 9 | 55 | 1990 | 5 | 1974 | 39 | $1995+$ | -23 | 1937 |
| 10 | 54 | 1953 | 9 | 1976 | 42 | 1995 | -14 | 1987 |
| 11 | 51 | 1959 | -3 | 1963 | 34 | 1938 | -17 | 1963 |
| 12 | 55 | 1953 | 3 | 1963 | 34 | 1938 | -22 | 1963 |
| 13 | 52 | 1953 | 7 | 1985 | 42 | 1969 | -19 | 1964 |
| 14 | 52 | 1938 | 7 | 1964 | 37 | 1974 | -16 | 1964 |
| 15 | 53 | 1938 | 12 | $1930+$ | 44 | 1974 | -9 | $1964+$ |
| 16 | 57 | 1974 | 9 | 1917 | 46 | 1974 | -13 | 1917 |
| 17 | 54 | 1961 | 3 | 1983 | 40 | 1921 | -23 | 1984 |
| 18 | 49 | 1920 | 0 | 1984 | 37 | $1970+$ | -28 | 1984 |
| 19 | 55 | 1920 | -2 | 1922 | 39 | 1909 | -23 | 1984 |
| 20 | 53 | 1953 | 3 | 1937 | 40 | $1969+$ | -19 | $1984+$ |
| 21 | 50 | $1994+$ | 0 | 1937 | 38 | $1970+$ | -25 | 1962 |
| 22 | 50 | 1934 | 0 | 1962 | 39 | 1970 | -30 | 1962 |
| 23 | 55 | $1994+$ | 2 | 1962 | 41 | 1970 | -27 | 1962 |
| 24 | 54 | 1905 | 4 | 1949 | 38 | 1959 | -19 | 1949 |
| 25 | 54 | 1953 | 1 | 1949 | 37 | 1920 | -31 | 1949 |
| 26 | 53 | 1920 | 7 | 1949 | 39 | 1920 | -21 | 1949 |
| 27 | 52 | 1942 | 10 | $1937+$ | 36 | 1921 | -13 | 1902 |
| 28 | 52 | 1967 | 7 | 1902 | 36 | $1967+$ | -20 | 1979 |
| 29 | 51 | 1992 | 7 | $1979+$ | 38 | 1965 | -22 | 1949 |
| 30 | 53 | 1920 | 3 | 1979 | 39 | $1965+$ | -20 | 1979 |
| 31 | 56 | 1992 | -1 | 1985 | 36 | $1961+$ | -28 | 1985 |

+ Last of several occurrences

FEBRUARY DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 54 | 1992 | -2 | 1985 | 39 | 1995 | -33 | 1985 |
| 2 | 59 | 1934 | 10 | $1985+$ | 39 | 1947 | -20 | 1956 |
| 3 | 59 | 1953 | 3 | 1989 | 43 | 1963 | -23 | 1979 |
| 4 | 62 | 1963 | -2 | 1989 | 39 | $1925+$ | -31 | 1985 |
| 5 | 61 | 1963 | 4 | 1989 | 42 | 1907 | -20 | 1982 |
| 6 | 60 | 1963 | 2 | 1989 | 38 | 1926 | -21 | 1989 |
| 7 | 57 | 1963 | 3 | 1933 | 39 | 1953 | -20 | 1933 |
| 8 | 57 | 1963 | 6 | 1933 | 37 | $1951+$ | -16 | 1933 |
| 9 | 56 | 1951 | -5 | 1933 | 37 | 1962 | -28 | 1933 |
| 10 | 59 | 1951 | 6 | 1933 | 43 | 1961 | -17 | 1933 |
| 11 | 57 | 1961 | 10 | 1905 | 43 | 1938 | -15 | 1982 |
| 12 | 56 | 1934 | 8 | 1905 | 38 | 1921 | -20 | 1905 |
| 13 | 56 | 1934 | 12 | 1903 | 37 | $1979+$ | -17 | 1949 |
| 14 | 57 | 1924 | 14 | 1903 | 39 | 1930 | -7 | 1903 |
| 15 | 57 | 1991 | 10 | 1932 | 37 | 1904 | -12 | 1903 |
| 16 | 56 | $1994+$ | 17 | 1992 | 42 | 1970 | -7 | 1993 |
| 17 | 59 | 1948 | 8 | 1942 | 40 | 1958 | -20 | 1942 |
| 18 | 61 | 1930 | 10 | 1942 | 39 | $1980+$ | -23 | 1942 |
| 19 | 62 | 1958 | 17 | 1942 | 43 | 1907 | -18 | 1942 |
| 20 | 60 | $1995+$ | 21 | 1937 | 38 | $1992+$ | -11 | $1984+$ |
| 21 | 62 | 1982 | 27 | $1939+$ | 43 | 1982 | -1 | 1984 |
| 22 | 62 | 1958 | 25 | 1913 | 39 | 1907 | -6 | 1952 |
| 23 | 58 | 1995 | 22 | 1922 | 40 | 1957 | -5 | 1955 |
| 24 | 63 | 1995 | 26 | 1942 | 44 | 1985 | -1 | 1952 |
| 25 | 62 | 1986 | 20 | 1960 | 41 | 1940 | -4 | 1952 |
| 26 | 62 | 1950 | 13 | 1960 | 40 | 1957 | -11 | 1960 |
| 27 | 62 | 1992 | 15 | 1962 | 44 | 1908 | -13 | 1993 |
| 28 | 64 | 1992 | 13 | 1993 | 44 | 1970 | -17 | 1993 |
| 29 | 65 | 1992 | 13 | 1960 | 32 | $1944+$ | -20 | 1960 |

+ Last of several occurrences

MARCH DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 63 | 1992 | 20 | 1922 | 44 | $1974+$ | -9 | 1993 |
| 2 | 62 | 1994 | 21 | 1922 | 41 | 1934 | -8 | 1960 |
| 3 | 65 | 1994 | 23 | 1917 | 39 | 1917 | 0 | 1985 |
| 4 | 64 | 1987 | 23 | 1976 | 41 | 1992 | -12 | 1985 |
| 5 | 61 | 1950 | 22 | 1955 | 49 | 1925 | -3 | 1984 |
| 6 | 61 | 1986 | 28 | $1991+$ | 41 | 1987 | 0 | 1945 |
| 7 | 60 | $1970+$ | 24 | 1964 | 43 | 1904 | -1 | 1964 |
| 8 | 58 | $1972+$ | 27 | 1969 | 44 | 1954 | 6 | 1922 |
| 9 | 67 | 1972 | 27 | 1969 | 48 | 1995 | 4 | 1985 |
| 10 | 64 | 1900 | 27 | 1917 | 44 | $1995+$ | 5 | 1948 |
| 11 | 65 | 1934 | 19 | 1906 | 42 | 1905 | 8 | 1932 |
| 12 | 69 | 1934 | 26 | 1917 | 42 | $1905+$ | 2 | 1922 |
| 13 | 69 | 1934 | 28 | $1969+$ | 42 | $1935+$ | 4 | 1962 |
| 14 | 70 | 1934 | 31 | 1906 | 44 | 1908 | 3 | 1956 |
| 15 | 75 | 1994 | 21 | 1906 | 50 | 1908 | 5 | 1906 |
| 16 | 66 | 1947 | 13 | 1906 | 49 | 1908 | -12 | 1906 |
| 17 | 67 | 1916 | 19 | 1906 | 42 | 1921 | -12 | 1906 |
| 18 | 70 | 1910 | 22 | 1906 | 47 | 1907 | -3 | 1971 |
| 19 | 71 | 1934 | 25 | 1906 | 45 | 1916 | -2 | 1906 |
| 20 | 70 | 1928 | 25 | 1913 | 49 | 1934 | 4 | 1955 |
| 21 | 70 | 1910 | 32 | 1924 | 48 | 1910 | 8 | 1952 |
| 22 | 70 | 1972 | 28 | 1952 | 44 | 1928 | 3 | 1952 |
| 23 | 68 | 1940 | 26 | 1964 | 45 | 1908 | 14 | 1965 |
| 24 | 70 | 1956 | 29 | 1965 | 45 | 1948 | 9 | 1965 |
| 25 | 69 | 1956 | 28 | 1913 | 42 | $1918+$ | 7 | $1965+$ |
| 26 | 69 | 1960 | 29 | 1931 | 42 | 1940 | 2 | 1913 |
| 27 | 73 | 1986 | 23 | 1975 | 45 | 1934 | 11 | 1975 |
| 28 | 75 | 1986 | 28 | 1975 | 46 | $1934+$ | 6 | 1975 |
| 29 | 73 | 1978 | 31 | 1977 | 44 | $1986+$ | 9 | 1987 |
| 30 | 72 | 1986 | 30 | 1905 | 43 | 1913 | 16 | 1954 |
| 31 | 68 | 1965 | 29 | 1936 | 43 | 1939 | 15 | 1948 |

+ Last of several occurrences

APRIL DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 73 | 1900 | 27 | 1936 | 46 | 1907 | 13 | 1936 |
| 2 | 75 | $1990+$ | 31 | $1986+$ | 45 | $1961+$ | 13 | 1936 |
| 3 | 76 | 1992 | 32 | $1920+$ | 46 | 1929 | 12 | 1945 |
| 4 | 72 | 1991 | 31 | 1921 | 45 | 1925 | 20 | 1983 |
| 5 | 78 | 1959 | 31 | 1921 | 45 | 1991 | 12 | 1936 |
| -6 | 77 | 1930 | 33 | 1929 | 48 | $1960+$ | 14 | 1939 |
| 7 | 77 | 1930 | 34 | 1901 | 48 | 1930 | 11 | 1921 |
| 8 | 78 | 1977 | 32 | 1900 | 49 | 1934 | 17 | 1928 |
| 9 | 75 | 1960 | 32 | 1922 | 50 | 1918 | 19 | 1959 |
| 10 | 73 | $1985+$ | 39 | $1991+$ | 52 | 1907 | 19 | 1988 |
| 11 | 78 | 1934 | 34 | 1903 | 52 | 1931 | 18 | 1953 |
| 12 | 81 | 1988 | 33 | 1911 | 50 | 1908 | 19 | 1922 |
| 13 | 80 | 1904 | 36 | $1972+$ | 50 | 1908 | 19 | 1968 |
| 14 | 79 | 1962 | 33 | 1921 | 50 | 1935 | 20 | 1911 |
| 15 | 78 | 1990 | 33 | 1917 | 50 | 1989 | 21 | 1995 |
| 16 | 80 | 1990 | 36 | 1941 | 50 | 1943 | 20 | $1995+$ |
| 17 | 83 | 1994 | 40 | 1941 | 50 | 1961 | 19 | 1964 |
| 18 | 84 | 1994 | 40 | $1966+$ | 52 | 1936 | 17 | 1968 |
| 19 | 83 | 1962 | 35 | 1912 | 50 | 1936 | 19 | 1982 |
| 20 | 83 | 1994 | 38 | 1970 | 55 | 1900 | 17 | $1982+$ |
| 21 | 86 | 1994 | 36 | 1963 | 56 | 1983 | 18 | 1982 |
| 22 | 83 | 1934 | 42 | $1960+$ | 53 | 1906 | 23 | $1982+$ |
| 23 | 82 | 1977 | 31 | 1964 | 55 | 1934 | 19 | 1968 |
| 24 | 85 | 1977 | 36 | 1964 | 57 | 1919 | 18 | 1950 |
| 25 | 86 | 1946 | 38 | 1964 | 48 | 1959 | 23 | 1907 |
| 26 | 85 | $1992+$ | 35 | 1976 | 52 | $1977+$ | 23 | 1945 |
| 27 | 85 | 1987 | 38 | 1970 | 55 | 1927 | 24 | $1917+$ |
| 28 | 83 | $1987+$ | 35 | 1937 | 53 | 1949 | 22 | 1984 |
| 29 | 86 | 1992 | 37 | 1967 | 51 | 1981 | 21 | 1994 |
| 30 | 78 | 1926 | 33 | 1967 | 53 | 1959 | 18 | $1909+$ |

+ Last of several occurrences

MAY DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 85 | 1985 | 42 | 1967 | 53 | 1974 | 20 | 1972 |
| 2 | 88 | 1947 | 39 | 1964 | 50 | 1947 | 26 | $1988+$ |
| 3 | 88 | 1947 | 43 | 1964 | 55 | 1924 | 27 | 1944 |
| 4 | 85 | 1947 | 36 | 1975 | 56 | 1936 | 26 | 1919 |
| 5 | 86 | $1992+$ | 43 | 1975 | 52 | 1934 | 21 | 1982 |
| 6 | 85 | 1947 | 44 | 1975 | 52 | $1934+$ | 26 | 1968 |
| 7 | 88 | 1947 | 43 | 1986 | 57 | $1989+$ | 25 | 1968 |
| 8 | 84 | $1987+$ | 43 | $1965+$ | 54 | $1934+$ | 29 | 1968 |
| 9 | 85 | 1954 | 41 | 1908 | 53 | 1984 | 27 | 1981 |
| 10 | 87 | 1940 | 44 | 1991 | 56 | 1904 | 27 | 1916 |
| 11 | 90 | 1960 | 40 | 1942 | 61 | 1940 | 23 | 1946 |
| 12 | 87 | 1960 | 45 | 1961 | 52 | $1960+$ | 24 | 1916 |
| 13 | 89 | 1984 | 47 | 1916 | 54 | 1903 | 24 | 1943 |
| 14 | 86 | $1984+$ | 43 | 1955 | 61 | 1936 | 25 | 1916 |
| 15 | 87 | 1934 | 45 | 1955 | 56 | 1944 | 27 | 1916 |
| 16 | 90 | 1927 | 44 | 1943 | 58 | 1934 | 25 | 1974 |
| 17 | 87 | $1992+$ | 44 | 1903 | 58 | 1948 | 30 | 1955 |
| 18 | 87 | 1954 | 45 | 1941 | 56 | 1932 | 30 | $1971+$ |
| 19 | 93 | 1954 | 46 | 1959 | 55 | 1956 | 30 | $1991+$ |
| 20 | 89 | 1958 | 43 | 1902 | 58 | 1954 | 29 | 1939 |
| 21 | 86 | 1919 | 48 | $1960+$ | 64 | 1958 | 28 | 1959 |
| 22 | 88 | 1934 | 46 | 1916 | 56 | $1958+$ | 33 | $1973+$ |
| 23 | 88 | 1934 | 50 | 1916 | 64 | 1926 | 23 | 1966 |
| 24 | 87 | 1934 | 45 | 1980 | 63 | 1934 | 30 | 1960 |
| 25 | 88 | 1969 | 43 | 1980 | 61 | 1923 | 27 | 1975 |
| 26 | 89 | 1936 | 44 | 1908 | 64 | 1919 | 29 | 1975 |
| 27 | 90 | 1958 | 50 | 1927 | 58 | 1928 | 30 | 1965 |
| 28 | 94 | 1919 | 43 | 1927 | 57 | 1919 | 32 | $1991+$ |
| 29 | 91 | 1939 | 46 | 1906 | 59 | 1926 | 29 | 1982 |
| 30 | 88 | 1910 | 46 | 1988 | 58 | 1933 | 28 | 1979 |
| 31 | 93 | 1910 | 44 | 1908 | 58 | 1931 | 27 | 1978 |

[^0]JUNE DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 91 | 1977 | 47 | 1902 | 60 | 1910 | 29 | 1920 |
| 2 | 89 | 1986 | 46 | 1943 | 58 | 1914+ | 32 | 1984+ |
| 3 | 91 | 1988 | 48 | 1944 | 58 | 1960 | 32 | 1973 |
| 4 | 95 | 1988 | 49 | 1908 | 60 | 1924+ | 35 | 1943 |
| 5 | 96 | 1977 | 40 | 1914 | 58 | 1909 | 32 | 1914 |
| 6 | 97 | 1977 | 50 | 1995 | 62 | 1958+ | 33 | 1995+ |
| 7 | 93 | 1985+ | 45 | 1924 | 57 | 1930 | 28 | 1995 |
| 8 | 90 | 1902 | 49 | 1941 | 59 | 1913 | 31 | 1979 |
| 9 | 95 | 1918 | 60 | 1984 | 62 | 1918 | 34 | 1982 |
| 10 | 97 | 1918 | 49 | 1984 | 62 | 1918 | 37 | 1938 |
| 11 | 98 | 1918 | 53 | 1976 | 62 | 1921 | 35 | 1916 |
| 12 | 99 | 1918 | 51 | 1907 | 61 | 1918 | 33 | 1917 |
| 13 | 95 | 1974+ | 52 | 1976 | 66 | 1921 | 32 | 1993 |
| 14 | 98 | 1974 | 56 | 1945+ | 66 | 1936 | 33 | 1976 |
| 15 | 99 | 1974 | 52 | 1912 | 65 | 1918 | 32 | 1981 |
| 16 | 97 | 1974+ | 53 | 1992 | 68 | 1933 | 33 | 1945 |
| 17 | 102 | 1940 | 51 | 1939 | 63 | 1918+ | 34 | 1994 |
| 18 | 100 | 1940 | 57 | 1975 | 62 | 1943+ | 35 | 1965 |
| 19 | 103 | 1940 | 63 | 1975+ | 66 | 1918 | 34 | 1973 |
| 20 | 99 | 1994 | 57 | 1916 | 69 | 1988 | 35 | 1989 |
| 21 | 97 | 1988+ | 51 | 1916 | 65 | 1937 | 30 | 1989 |
| 22 | 99 | 1954 | 54 | 1907 | 69 | 1937 | 37 | 1914 |
| 23 | 99 | 1974 | 65 | 1907+ | 71 | 1988 | 37 | 1951 |
| 24 | 99 | 1988 | 54 | 1969 | 68 | 1902 | 37 | 1993 |
| 25 | 103 | 1988 | 58 | 1985+ | 62 | 1960+ | 31 | 1966 |
| 26 | 99 | 1926 | 60 | 1942 | 71 | 1931 | 35 | 1976 |
| 27 | 99 | 1926 | 60 | 1945 | 69 | 1936 | 36 | 1949 |
| 28 | 98 | 1966 | 57 | 1970+ | 72 | 1926 | 37 | 1965 |
| 29 | 100+ | 1990+ | 54 | 1968+ | 67 | 1926 | 37 | 1947 |
| 30 | 96 | 1990+ | 56 | 1911 | 63 | 1929 | 30 | 1968 |

+ Last of several occurrences


## JULY DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 98 | $1990+$ | 64 | 1955 | 64 | 1960 | 36 | 1945 |
| 2 | 99 | 1986 | 61 | 1903 | 68 | 1909 | 37 | 1973 |
| 3 | 96 | $1989+$ | 51 | 1902 | 69 | 1934 | 36 | 1921 |
| 4 | 98 | 1922 | 62 | $1982+$ | 68 | 1924 | 39 | 1983 |
| 5 | 100 | 1981 | 63 | 1902 | 67 | 1937 | 41 | $1986+$ |
| 6 | 99 | 1976 | 67 | 1994 | 72 | 1933 | 35 | 1986 |
| 7 | 98 | 1901 | 69 | 1981 | 64 | $1933+$ | 39 | 1993 |
| 8 | 99 | 1975 | 68 | 1911 | 69 | 1916 | 34 | 1981 |
| 9 | 102 | 1939 | 73 | 1915 | 69 | 1930 | 38 | 1993 |
| 10 | 101 | 1973 | 68 | 1987 | 69 | $1931+$ | 45 | 1983 |
| 11 | 98 | $1976+$ | 71 | 1987 | 72 | 1919 | 40 | 1983 |
| 12 | 101 | 1940 | 71 | 1943 | 73 | 1901 | 40 | 1987 |
| 13 | 102 | 1991 | 68 | 1918 | 73 | 1916 | 37 | 1965 |
| 14 | 104 | 1925 | 74 | 1915 | 70 | 1916 | 41 | 1965 |
| 15 | 101 | 1935 | 58 | 1907 | 73 | 1928 | 41 | 1981 |
| 16 | 99 | 1926 | 73 | 1993 | 76 | 1951 | 38 | 1983 |
| 17 | 100 | 1925 | 72 | $1915+$ | 69 | $1961+$ | 42 | $1993+$ |
| 18 | 101 | 1951 | 65 | 1987 | 71 | 1940 | 40 | 1993 |
| 19 | 100 | 1960 | 70 | 1941 | 70 | 1927 | 39 | 1987 |
| 20 | 101 | 1960 | 66 | 1972 | 71 | 1951 | 44 | 1988 |
| 21 | 105 | 1931 | 69 | 1972 | 72 | 1931 | 39 | 1983 |
| 22 | 101 | 1942 | 67 | 1993 | 74 | 1931 | 41 | 1954 |
| 23 | 102 | 1976 | 60 | 1993 | 73 | 1946 | 41 | 1954 |
| 24 | 100 | 1931 | 71 | 1993 | 72 | 1919 | 45 | 1965 |
| 25 | 99 | $1994+$ | 72 | 1965 | 69 | 1931 | 44 | 1964 |
| 26 | 102 | $1994+$ | 66 | 1993 | 69 | 1903 | 44 | 1974 |
| 27 | 101 | 1931 | 65 | 1909 | 73 | 1926 | 42 | $1993+$ |
| 28 | 103 | 1934 | 68 | 1948 | 71 | $1943+$ | 43 | $1993+$ |
| 29 | 101 | $1994+$ | 70 | 1950 | 69 | 1902 | 46 | 1959 |
| 30 | 102 | 1901 | 62 | 1975 | 70 | 1930 | 44 | 1904 |
| 31 | 102 | 1901 | 68 | 1915 | 70 | 1901 | 38 | 1995 |

+ Last of several occurrences

AUGUST DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 99 | 1992 | 69 | 1912 | 71 | 1901 | 43 | 1995+ |
| 2 | 104 | 1969 | 72 | 1922 | 71 | 1949 | 43 | 1991 |
| 3 | 99 | 1961 | 73 | 1980 | 70 | 1902 | 43 | 1981+ |
| 4 | 102 | 1994 | 72 | 1899 | 70 | 1949+ | 40 | 1980 |
| 5 | 99 | 1994 | 68 | 1962 | 71 | 1961 | 39 | 1980 |
| 6 | 100 | 1990+ | 74 | 1955 | 70 | 1949 | 43 | 1950 |
| 7 | 103 | 1990 | 71 | 1926 | 69 | 1914 | 43 | 1950 |
| 8 | 104 | 1990 | 71 | 1995 | 69 | 1901 | 41 | 1939 |
| 9 | 100 | 1928 | 75 | 1913 | 68 | 1994 | 35 | 1995 |
| 10 | 99 | 1928 | 67 | 1926+ | 68 | 1908 | 41 | 1985 |
| 11 | 98 | 1940 | 67 | 1985 | 72 | 1928 | 39 | 1947 |
| 12 | 101 | 1940 | 67 | 1966 | 66 | 1931 | 42 | 1985 |
| 13 | 98 | 1937 | 62 | 1927 | 70 | 1940 | 41 | 1918 |
| 14 | 101 | 1992 | 65 | 1968 | 70 | 1937 | 38 | 1985 |
| 15 | 98 | 1933 | 63 | 1976+ | 74 | 1929 | 35 | 1974 |
| 16 | 97 | 1966 | 62 | 1960 | 69 | 1936 | 39 | 1899 |
| 17 | 96 | 1967 | 55 | 1968 | 70 | 1919 | 40 | 1985 |
| 18 | 98 | 1986+ | 61 | 1916 | 66 | 1919 | 37 | 1978 |
| 19 | 99 | 1992 | 59 | 1968 | 67 | 1929 | 35 | 1995 |
| 20 | 95 | 1982+ | 59 | 1968 | 72 | 1903 | 35 | 1964 |
| 21 | 97 | 1982 | 57 | 1968 | 67 | 1946 | 37 | 1974+ |
| 22 | 98 | 1991 | 60 | 1968+ | 73 | 1937 | 33 | 1899 |
| 23 | 97 | 1967 | 64 | 1960+ | 66 | 1929 | 36 | 1988+ |
| 24 | 99 | 1919 | 59 | 1989 | 69 | 1945 | 37 | 1992 |
| 25 | 99 | 1926 | 64 | 1933 | 66 | 1930 | 28 | 1910 |
| 26 | 98 | 1981 | 59 | 1907 | 70 | 1970 | 31 | 1992 |
| 27 | 94 | 1986+ | 59 | 1907 | 67 | 1982 | 34 | 1993 |
| 28 | 98 | 1924 | 60 | 1920 | 68 | 1922 | 39 | 1993+ |
| 29 | 97 | 1990 | 65 | 1964+ | 67 | 1905 | 35 | 1975 |
| 30 | 98 | 1954 | 57 | 1943 | 67 | 1913 | 33 | 1965 |
| 31 | 97 | 1955 | 67 | 1973 | 67 | 1906 | 32 | 1993+ |

+ Last of several occurrences


## SEPTEMBER DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 95 | 1995+ | 52 | 1973 | 67 | 1899 | 38 | 1989 |
| 2 | 96 | 1947 | 62 | 1961 | 69 | 1916 | 36 | 1974 |
| 3 | 96 | 1950 | 52 | 1971 | 63. | 1978+ | 31 | 1964 |
| 4 | 95 | 1950 | 53 | 1912 | 62 | 1906 | 31 | 1965 |
| 5 | 98 | 1976 | 48 | 1970 | 64 | 1933 | 32 | 1994 |
| 6 | 97 | 1955 | 59 | 1929 | 63 | 1950 | 33 | 1954 |
| 7 | 97 | 1979 | 56 | 1941 | 66 | 1906 | 31 | 1992 |
| 8 | 95 | 1994 | 52 | 1973 | 60 | 1937+ | 32 | 1899 |
| 9 | 91 | 1988 | 56 | 1912 | 60 | 1924 | 28 | 1976 |
| 10 | 92 | 1959 | 56 | 1916 | 60 | 1981+ | 31 | 1983+ |
| 11 | 91 | 1963 | 50 | 1903 | 62 | 1935+ | 31 | 1989 |
| 12 | 94 | 1953 | 47 | 1903 | 63 | 1959 | 30 | 1988+ |
| 13 | 95 | 1948 | 51 | 1903 | 61 | 1959 | 26 | 1949 |
| 14 | 97 | 1990 | 51 | 1966 | 60 | 1935 | 26 | 1961 |
| 15 | 92 | 1995 | 51 | 1982 | 60 | 1908 | 28 | 1903 |
| 16 | 93 | 1995 | 42 | 1965 | 58 | 1947 | 28 | 1965 |
| 17 | 91 | 1981 | 42 | 1965 | 65 | 1920 | 26 | 1965 |
| 18 | 92 | 1979 | 47 | 1978 | 61 | 1913 | 23 | 1965 |
| 19 | 90 | 1984+ | 51 | 1986 | 59 | 1937 | 21 | 1965 |
| 20 | 89 | 1922 | 50 | 1968 | 61 | 1920 | 19 | 1983 |
| 21 | 88 | 1966 | 42 | 1968 | 58 | 1923 | 22 | 1983 |
| 22 | 92 | 1966 | 45 | 1931 | 56 | 1935 | 23 | 1995 |
| 23 | 89 | $1987+$ | 44 | 1913 | 60 | 1906 | 28 | 1956 |
| 24 | 89 | 1994 | 43 | 1926 | 57 | 1938 | 26 | 1926 |
| 25 | 89 | 1989 | 42 | 1934 | 58 | 1909 | 18 | 1926 |
| 26 | 87 | 1978+ | 47 | 1908 | 58 | 1989 | 25 | 1926 |
| 27 | 88 | 1978+ | 46 | 1923 | 56 | 1957 | 21 | 1900 |
| 28 | 90 | 1994 | 49 | 1959 | 57 | 1931 | 25 | 1945 |
| 29 | 89 | 1989 | 44 | 1905 | 59 | 1930 | 19 | 1985 |
| 30 | 90 | 1957 | 40 | 1971 | 57 | 1932 | 19 | 1985 |

+ Last of several occurrences

OCTOBER DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 91 | 1992 | 37 | 1971 | 58 | 1937 | 18 | 1950 |
| 2 | 86 | 1992 | 42 | 1908 | 61 | 1937 | 26 | 1950 |
| 3 | 87 | 1963 | 45 | 1916 | 58 | 1948 | 26 | 1941 |
| 4 | 84 | $1993+$ | 48 | $1957+$ | 57 | 1963 | 24 | $1973+$ |
| 5 | 84 | 1993 | 41 | 1912 | 56 | 1947 | 22 | 1991 |
| 6 | 84 | 1942 | 43 | 1913 | 57 | 1920 | 21 | $1974+$ |
| 7 | 88 | 1979 | 45 | 1913 | 52 | 1935 | 21 | 1974 |
| 8 | 84 | 1910 | 37 | 1985 | 54 | 1928 | 21 | 1990 |
| 9 | 85 | 1942 | 38 | $1913+$ | 55 | 1910 | 23 | 1982 |
| 10 | 86 | 1910 | 42 | 1911 | 49 | 1910 | 21 | 1980 |
| 11 | 84 | $1991+$ | 37 | 1928 | 53 | $1935+$ | 20 | 1987 |
| 12 | 81 | 1950 | 38 | 1969 | 62 | 1962 | 18 | 1986 |
| 13 | 82 | 1979 | 37 | 1966 | 62 | 1962 | 16 | 1969 |
| 14 | 84 | 1958 | 42 | 1899 | 55 | 1918 | 17 | 1969 |
| 15 | 79 | $1991+$ | 36 | 1899 | 50 | 1906 | 16 | 1966 |
| 16 | 82 | 1926 | 37 | 1980 | 52 | 1988 | 20 | 1966 |
| 17 | 81 | 1958 | 39 | 1938 | 52 | 1926 | 18 | 1948 |
| 18 | 82 | 1955 | 37 | 1905 | 48 | 1900 | 15 | 1917 |
| 19 | 80 | 1927 | 32 | 1949 | 53 | 1933 | 19 | 1982 |
| 20 | 80 | 1921 | 30 | 1949 | 49 | 1966 | 17 | 1982 |
| 21 | 79 | 1915 | 38 | 1908 | 52 | 1902 | 21 | 1932 |
| 22 | 78 | 1915 | 36 | 1961 | 50 | 1989 | 17 | 1949 |
| 23 | 77 | 1927 | 33 | 1975 | 48 | 1959 | 18 | 1949 |
| 24 | 78 | 1933 | 34 | 1956 | 52 | 1977 | 17 | 1932 |
| 25 | 75 | $1990+$ | 40 | 1919 | 49 | 1933 | 20 | 1964 |
| 26 | 75 | 1944 | 34 | 1919 | 54 | 1927 | 19 | 1948 |
| 27 | 75 | $1990+$ | 34 | 1919 | 49 | 1925 | 18 | 1963 |
| 28 | 76 | 1937 | 26 | 1971 | 51 | 1933 | 16 | $1991+$ |
| 29 | 76 | 1937 | 31 | 1971 | 49 | 1933 | 10 | 1971 |
| 30 | 73 | 1937 | 30 | 1971 | 48 | 1987 | 11 | 1991 |
| 31 | 71 | 1988 | 31 | 1971 | 46 | 1915 | 16 | 1993 |

+ Last of several occurrences


## NOVEMBER DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 71 | 1965 | 30 | 1951 | 46 | 1987 | 8 | 1991 |
| 2 | 71 | 1924 | 22 | 1991 | 47 | 1924 | -4 | 1991 |
| 3 | 71 | 1931 | 23 | 1935 | 48 | 1928 | -6 | 1991 |
| 4 | 69 | 1909 | 25 | 1935 | 45 | 1958+ | 0 | 1973 |
| 5 | 71 | 1975 | 33 | 1935 | 47 | 1928 | 8 | 1959 |
| 6 | 70 | 1931 | 30 | 1947 | 45 | 1928 | 7 | 1967 |
| 7 | 71 | 1931 | 33 | 1916 | 43 | 1980+ | 10 | 1948 |
| 8 | 65 | 1995+ | 27 | 1945 | 43 | 1902 | 10 | 1948 |
| 9 | 68 | 1973+ | 24 | 1950 | 49 | 1902 | 10 | 1993+ |
| 10 | 67 | 1934 | 28 | 1950 | 47 | 1902 | 8 | 1985+ |
| 11 | 70 | 1954 | 18 | 1911 | 45 | 1911 | 2 | 1916 |
| 12 | 66 | 1934 | 14 | 1916 | 43 | 1921 | -1 | 1916 |
| 13 | 66 | 1990 | 19 | 1916 | 52 | 1906 | 0 | 1916 |
| 14 | 66 | 1934 | 23 | 1938 | 53 | 1941+ | -2 | 1978 |
| 15 | 68 | 1941 | 11 | 1955 | 44 | 1934 | -10 | 1955 |
| 16 | 62 | 1981 | 9 | 1955 | 40 | 1920 | -13 | 1955 |
| 17 | 62 | 1908 | 21 | 1958 | 43 | 1920 | 0 | 1955 |
| 18 | 63 | 1995+ | 23 | 1906 | 43 | 1920 | 5 | 1951 |
| 19 | 62 | 1943 | 21 | 1994 | 43 | 1946 | 3 | 1956 |
| 20 | 58 | 1943 | 25 | 1944+ | 43 | 1927 | 0 | 1941 |
| 21 | 61 | 1936 | 18 | 1931 | 47 | 1974 | 5 | 1941 |
| 22 | 62 | 1904 | 16 | 1931 | 44 | 1933 | -1 | 1931 |
| 23 | 63 | 1904 | 14 | 1985 | 46 | 1909 | -5 | 1985 |
| 24 | 64 | 1995 | 19 | 1993 | 49 | 1995 | -16 | 1992 |
| 25 | 63 | 1949 | 9 | 1993 | 48 | 1960 | -12 | 1992 |
| 26 | 62 | 1933 | 10 | 1993 | 43 | 1962 | -14 | 1993 |
| 27 | 62 | 1949 | 18 | 1993 | 46 | 1949 | -12 | 1993 |
| 28 | 62 | 1932 | 13 | 1979 | 44 | 1899 | -8 | 1979 |
| 29 | 63 | 1932 | 20 | 1979 | 44 | 1995 | -12 | 1979 |
| 30 | 59 | 1932 | 19 | 1979 | 41 | 1926 | -8 | 1979 |

+ Last of several occurrences

DECEMBER DAILY MAXIMUM AND MINIMUM TEMPERATURE EXTREMES

| Date | High Max | Year | Low Max | Year | High Min | Year | Low Min | Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 64 | 1995 | 25 | $1979+$ | 44 | 1926 | -2 | 1991 |
| 2 | 58 | 1926 | 27 | $1984+$ | 45 | 1927 | 6 | 1906 |
| 3 | 58 | $1987+$ | 16 | 1909 | 44 | 1926 | -17 | 1992 |
| 4 | 57 | 1946 | 9 | 1992 | 37 | $1918+$ | -22 | 1992 |
| 5 | 57 | 1939 | -1 | 1972 | 43 | 1918 | -25 | 1972 |
| 6 | 57 | 1981 | 20 | 1972 | 45 | 1918 | -12 | 1972 |
| 7 | 57 | 1939 | 15 | 1978 | 41 | 1915 | -5 | 1972 |
| 8 | 58 | 1939 | 2 | 1919 | 39 | 1902 | -14 | 1972 |
| 9 | 60 | 1939 | -3 | 1972 | 44 | 1939 | -24 | 1972 |
| 10 | 63 | 1939 | -4 | 1972 | 44 | 1929 | -28 | 1972 |
| 11 | 62 | 1939 | -1 | 1972 | 51 | 1906 | -26 | 1972 |
| 12 | 58 | 1933 | 1 | 1932 | 41 | $1995+$ | -20 | 1932 |
| 13 | 59 | 1921 | 6 | 1919 | 43 | 1929 | -15 | 1932 |
| 14 | 59 | 1929 | 8 | 1919 | 44 | 1977 | -15 | 1972 |
| 15 | 61 | 1929 | 9 | 1972 | 42 | 1929 | -16 | 1972 |
| 16 | 62 | 1939 | 18 | 1914 | 44 | 1939 | -10 | 1931 |
| 17 | 57 | 1939 | 9 | 1964 | 36 | 1917 | -15 | 1964 |
| 18 | 54 | 1958 | 0 | 1924 | 42 | 1917 | -14 | 1924 |
| 19 | 57 | 1917 | -2 | 1924 | 39 | 1941 | -19 | 1924 |
| 20 | 56 | 1941 | -3 | 1990 | 39 | 1981 | -18 | 1924 |
| 21 | 54 | 1955 | -9 | 1990 | 39 | $1982+$ | -25 | 1990 |
| 22 | 58 | 1964 | -9 | 1990 | 43 | 1955 | -25 | $1990+$ |
| 23 | 59 | 1964 | -8 | 1983 | 41 | 1917 | -29 | 1990 |
| 24 | 52 | 1936 | 4 | 1990 | 40 | 1902 | -21 | 1990 |
| 25 | 55 | 1906 | 6 | 1924 | 41 | 1933 | -16 | 1924 |
| 26 | 57 | 1980 | 13 | $1941+$ | 43 | 1933 | -12 | 1924 |
| 27 | 59 | 1980 | 12 | 1988 | 42 | 1928 | -11 | 1904 |
| 28 | 54 | 1945 | 9 | 1983 | 45 | 1917 | -15 | 1954 |
| 29 | 56 | 1917 | 2 | 1978 | 43 | 1917 | -17 | 1990 |
| 30 | 57 | 1917 | 1 | 1978 | 42 | 1904 | -17 | 1990 |
| 31 | 52 | 1917 | -1 | 1978 | 39 | 1942 | -17 | 1978 |

[^1]HIGHEST, LOWEST AND NORMAL DAILY MAXIMUM TEMPERATURES BY MONTH WITH DATE AND YEAR OF OCCURRENCE

|  | Highest |  |  | Lowest |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Temp. | Date | Year | Temp | Date | Year | Normal |
| January | 57 | 16 | $1974+$ | -3 | 11 | 1963 | 32.2 |
| February | 65 | 29 | 1992 | -5 | 9 | 1933 | 38.4 |
| March | 75 | 15 | $1994+$ | 13 | 16 | 1906 | 46.7 |
| April | 86 | 21 | $1994+$ | 27 | 1 | 1936 | 57.5 |
| May | 94 | 28 | 1919 | 36 | 4 | 1975 | 67.5 |
| June | 103 | 19 | 1940 | 45 | 7 | 1924 | 78.0 |
| July | $105 \#$ | $21 \#$ | $1931 \#$ | 51 | 3 | 1902 | 88.1 |
| August | 104 | 8 | $1990+$ | 55 | 17 | 1968 | 86.3 |
| September | 98 | 5 | 1976 | 40 | 30 | 1971 | 75.1 |
| October | 91 | 1 | 1992 | 26 | 28 | 1971 | 62.5 |
| November | 71 | 5 | 1975 | 9 | 25 | 1993 | 45.2 |
| December | 64 | 1 | 1995 | $-9 \%$ | $22 \%$ | $1990+\%$ | 33.7 |
|  | Annual Normal |  |  |  | 59.3 |  |  |

+ Last of several occurrences
\# All Time Highest
\% All Time Lowest

HIGHEST, LOWEST AND NORMAL DAILY MINIMUM TEMPERATURES BY MONTH WITH DATE AND YEAR OF OCCURRENCE

|  | Highest |  |  | Lowest |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Temp | Date | Year | Temp | Date | Year | Normal |
| January | 46 | 16 | 1974 | -31 | 25 | 1949 | 14.4 |
| February | 44 | 24 | $1985+$ | $-33 \%$ | $1 \%$ | $1985 \%$ | 19.8 |
| March | 50 | 15 | 1908 | -12 | 4 | $1985+$ | 25.9 |
| April | 56 | 21 | 1980 | 11 | 7 | 1921 | 32.3 |
| May | 64 | 21 | $1958+$ | 20 | 1 | 1972 | 39.6 |
| June | 72 | 28 | 1926 | 29 | 1 | 1920 | 47.3 |
| July | $76 \#$ | $16 \#$ | $1951 \#$ | 34 | 8 | 1981 | 53.0 |
| August | 74 | 15 | 1929 | 28 | 25 | 1910 | 50.9 |
| September | 69 | 2 | 1916 | 18 | 25 | 1926 | 42.8 |
| October | 62 | 13 | $1962+$ | 10 | 29 | 1971 | 33.5 |
| November | 53 | 14 | $1941+$ | -16 | 24 | 1992 | 26.0 |
| December | 51 | 11 | 1906 | -29 | 23 | 1990 | 15.8 |
| Annual Normal |  |  |  |  |  |  |  |

+ Last of several occurrences
\# All Time Highest
\% All Time Lowest

HIGHEST, LOWEST AND NORMAL MONTHLY AVERAGE MAXIMUM TEMPERATURE WITH YEAR OF OCCURRENCE

|  | Highest |  | Lowest |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Temp. | Year | Temp. | Year | Normal |
| January | 43.2 | 1953 | 15.8 | 1949 | 32.2 |
| February | 49.9 | 1992 | 26.4 | 1903 | 38.4 |
| March | 59.2 | 1934 | 36.9 | 1964 | 46.7 |
| April | 68.6 | 1987 | 48.8 | 1970 | 57.5 |
| May | 78.0 | 1934 | 58.9 | 1908 | 67.5 |
| June | 87.1 | 1988 | 68.4 | 1904 | 78.0 |
| July | 93.2 | 1989 | 76.3 | 1993 | 88.1 |
| August | 92.1 | 1967 | 77.5 | 1968 | 86.3 |
| September | 84.5 | 1990 | 65.7 | 1912 | 75.1 |
| October | 72.1 | 1988 | 53.4 | 1946 | 62.5 |
| November | 56.0 | 1904 | 35.0 | 1985 | 45.2 |
| December | 46.1 | 1917 | 21.4 | 1985 | 33.7 |
| Annual | 64.8 | 1934 | 55.4 | 1985 | 59.3 |

HIGHEST, LOWEST AND NORMAL MONTHLY AVERAGE MINIMUM TEMPERATURE WITH YEAR OF OCCURRENCE

|  | Highest |  | Lowest |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Temp. | Year | Temp. | Year | Normal |
| January | 29.2 | 1953 | -6.3 | 1949 | 14.4 |
| February | 31.7 | 1934 | 5.2 | 1964 | 19.8 |
| March | 35.7 | 1934 | 16.6 | 1985 | 25.9 |
| April | 41.0 | 1930 | 28.4 | 1982 | 32.3 |
| May | 48.5 | 1934 | 35.9 | 1953 | 39.6 |
| June | 57.0 | 1918 | 43.8 | 1993 | 47.3 |
| July | 62.8 | 1936 | 45.9 | 1993 | 53.0 |
| August | 58.7 | 1919 | 47.0 | 1993 | 50.9 |
| September | 49.5 | 1917 | 36.5 | 1965 | 42.8 |
| October | 41.8 | 1934 | 28.4 | 1966 | 33.5 |
| November | 36.5 | 1927 | 13.8 | 1993 | 26.0 |
| December | 34.0 | 1917 | 1.4 | 1985 | 15.8 |
| Annual | 41.4 | 1934 | 28.9 | 1985 | 33.4 |

## HIGHEST, LOWEST AND NORMAL MONTHLY MEAN TEMPERATURES

| January |  |  |  | February |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 36.2 | 1953 | 4.8 | 1949 | 40.0 | 1934 | 16.9 | 1964 |
| 34.1 | 1934 | 10.7 | 1979 | 39.2 | 1907 | 17.3 | 1903 |
| 33.2 | 1909 | 11.0 | 1937 | 38.6 | 1963 | 17.6 | 1933 |
| 32.3 | 1994 | 12.9 | 1985 | 38.0 | 1992 | 18.4 | 1942 |
| 32.0 | 1900 | 15.4 | 1930 | 37.2 | 1930,1970 | 18.5 | 1985 |
| Normal Mean |  | 23.3 |  |  | Normal Mean |  |  |


| March |  |  |  | April |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 47.4 | 1934 | 26.6 | 1917 | 54.4 | 1934 | 39.0 | 1970 |
| 45.8 | 1910 | 27.5 | 1985 | 53.1 | 1930 | 39.9 | 1975 |
| 44.2 | 1986 | 27.8 | 1964 | 52.4 | 1915,1943 | 40.4 | 1922 |
| 44.1 | 1992 | 28.9 | 1952 | 51.9 | 1910,1926 | 40.6 | 1917,1920 |
| 43.5 | 1900 | 29.2 | 1969 | 51.5 | 1987 | 40.7 | 1967 |
| Normal Mean |  | 36.3 |  |  | Normal Mean |  | 44.9 |


| May |  |  |  | June |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 63.2 | 1934 | 48.8 | 1953 | 71.0 | 1918 | 57.3 | 1945 |
| 61.5 | 1958 | 48.9 | 1908 | 69.9 | 1900 | 57.4 | 1908 |
| 60.6 | 1928 | 49.4 | 1916,1942 | 69.6 | 1988 | 57.5 | 1907 |
| 60.2 | 1992 | 50.5 | 1965 | 69.3 | 1933 | 57.6 | 1944,1993 |
| 59.6 | 1940 | 50.6 | 1909 | 69.1 | 1961 | 58.4 | 1915 |
| Normal Mean |  | 53.6 |  |  | Normal Mean |  |  |
|  | 62.7 |  |  |  |  |  |  |

## HIGHEST, LOWEST AND NORMAL MONTHLY MEAN TEMPERATURES (CONT.)

| July |  |  |  | August |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 76.6 | 1936 | 61.2 | 1993 | 74.2 | 1929 | 63.0 | 1968 |
| 76.4 | 1901, 1933 | 65.9 | 1976 | 73.5 | 1958 | 64.2 | 1899 |
| 75.8 | 1931 | 67.0 | 1902, 1983 | 73.3 | 1919 | 65.2 | 1980 |
| 75.2 | 1934 | 67.1 | 1986 | 73.2 | 1934 | 65.8 | 1912, 1965 |
| 75.0 | 1919 | 67.3 | 1913 | 73.1 | 1961 | 65.9 | 1976 |
| Normal Mean |  | 70.6 |  | Normal Mean |  | 68.7 |  |


| September |  |  |  | October |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 65.7 | 1990 | 51.8 | 1965 | 55.6 | 1933 | 41.8 | 1919 |
| 65.4 | 1938 | 52.4 | 1912 | 55.3 | 1988 | 42.6 | 1949 |
| 64.7 | 1979 | 52.7 | 1971 | 54.9 | 1963 | 42.7 | 1969 |
| 64.4 | 1935 | 53.5 | 1961 | 54.5 | 1934 | 42.8 | 1971 |
| 64.0 | 1922, 1937 | 53.7 | 1970 | 53.5 | 1907 | 43.0 | 1970 |
| Normal Mean |  | 59.0 |  | Normal Mean |  | 48.0 |  |


| November |  |  |  | December |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |
| 42.8 | 1926,1927 | 26.7 | 1985 | 35.6 | 1929 | 11.4 | 1985 |
| 42.4 | 1921,1949 | 27.5 | 1952 | 35.2 | 1906 | 14.8 | 1990 |
| 42.2 | 1899,1934 | 27.6 | 1993 | 34.5 | 1958 | 17.2 | 1930 |
|  | 1953,1995 |  |  |  |  |  |  |
| 42.1 | 1904 | 28.4 | 1979 | 32.9 | 1946,1977 | 18.3 | 1972 |
| 41.6 | 1917 | 28.8 | 1992 | 32.5 | 1975 | 18.8 | 1932 |
| Normal Mean |  |  |  |  |  |  |  |

HIGHEST, LOWEST AND NORMAL SEASONAL AVERAGE TEMPERATURES

| Winter <br> (December, January and February) |  |  |  |  | Spring <br> (March, April and May) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |  |  |  |  |  |  |
| 37.6 | $1933-1934$ | 17.0 | $1984-1985$ | 55.0 | 1934 | 39.3 | 1917 |  |  |  |  |  |  |
| 33.0 | $1906-1907$ | 17.5 | $1948-1949$ | 51.9 | 1992 | 41.0 | 1955 |  |  |  |  |  |  |
| 32.9 | $1937-1938$ | 19.2 | $1963-1964$ | 51.2 | 1910 | 41.4 | 1964 |  |  |  |  |  |  |
| 32.5 | $1977-1978$ | 19.3 | $1983-1984$ | 49.9 | 1926 | 41.9 | 1922 |  |  |  |  |  |  |
| 32.1 | $1952-1953$ | 19.5 | $1978-1979$ | 49.5 | 1987 | 42.1 | 1975 |  |  |  |  |  |  |
| 32.0 | $1917-1918$ | 19.7 | $1954-1955$ | 49.4 | 1925,1940 | 42.6 | 1971 |  |  |  |  |  |  |
| 31.9 | $1969-1970$ | 20.0 | $1988-1989$ | 49.2 | 1949,1994 | 42.9 | 1942,1970 |  |  |  |  |  |  |
| 31.4 | $1958-1959$ | 20.2 | $1992-1993$ | 48.7 | 1900 | 43.1 | 1912 |  |  |  |  |  |  |
| 31.1 | $1953-1954$ | 20.3 | $1928-1929$ | 48.5 | 1915,1928 | 43.3 | 1906,1920 |  |  |  |  |  |  |
| 31.0 | $1994-1995$ | 21.1 | $1932-1933$ | 48.4 | 1930 | 43.5 | 1933,1953 |  |  |  |  |  |  |
| Normal Mean |  |  |  |  |  |  |  |  |  | 25.7 | Normal Mean |  | 44.9 |


| Summer <br> (June, July and August) |  |  |  |  | Fall <br> (September, October and November) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Highest | Year | Lowest | Year | Highest | Year | Lowest | Year |  |
| 72.3 | 1931 | 61.1 | 1993 | 52.9 | 1937 | 42.1 | 1985 |  |
| 72.2 | 1919 | 64.3 | 1907,1980 | 52.6 | 1963 | 42.7 | 1971 |  |
| 72.0 | 1961 | 64.9 | 1995 | 52.5 | 1933 | 44.2 | 1993 |  |
| 71.9 | 1936 | 65.0 | 1965 | 52.1 | 1934 | 44.4 | 1961 |  |
| 71.8 | 1933 | 65.1 | 1944 | 52.0 | 1953 | 44.8 | 1970 |  |
| 71.6 | 1940 | 65.2 | 1968 | 51.7 | 1917 | 45.1 | 1982 |  |
| 71.0 | 1926 | 65.5 | 1912 | 51.6 | 1904 | 45.2 | 1941 |  |
| 70.6 | 1934 | 65.7 | 1908 | 51.2 | 1927 | 45.3 | 1968 |  |
| 70.5 | 1988 | 65.9 | 1950 | 50.8 | 1901,1910 | 45.5 | 1911,1912 |  |
| 70.3 | 1922,1929 | 66.2 | 1902,1915 | 50.7 | 1921 | 45.6 | 1984 |  |
| Normal Mean |  |  | 67.3 | Normal Mean |  | 47.5 |  |  |

HIGHEST, LOWEST AND NORMAL ANNUAL AVERAGE TEMPERATURES

| Highest | Year | Lowest | Year |
| :---: | :---: | :---: | :---: |
| 53.1 | 1934 | 42.2 | 1985 |
| 50.0 | 1926 | 43.2 | 1993 |
| 49.7 | 1940 | 43.8 | 1984, |
| 49.3 | 1900,1921 | 44.2 | 1964 |
| 49.2 | $1901,1910,1958$ | 44.5 | 1971 |
| 49.1 | 1936 | 44.8 | 1955 |
| 49.0 | 1953 | 44.9 | 1944 |
| 48.8 | 1904,1933 | 45.3 | 1968 |
| 48.5 | 1992 | 45.5 | 1942 |
| 48.4 | 1994 | 45.6 | 1972 |
| Normal Average Temperature |  | 47.2 |  |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH MAXIMUM TEMPERATURE OF 100 DEGREES OR HIGHER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 3 | July 13 to July 15 | 1925 |
|  | June 17 to June 19 | 1940 |
|  | August 6 to August 8 | 1990 |
| 2 | July 30 to July 31 | 1901 |
|  | July 23 to July 24 | 1931 |
|  | July 28 to July 29 | 1934 |
|  | July 19 to July 20 | 1960 |

Note: Only periods of 2 or more days are tabulated

## GREATEST NUMBER OF DAYS BY YEAR WITH MAXIMUM TEMPERATURE OF 100 DEGREES OR GREATER

| Number of Days | Year |
| :---: | :---: |
| 5 | 1940 |
| 4 | $1925,1931,1990,1994$ |
| 3 | 1901 |

Note: Only 3 or more occurrences are tabulated

# GREATEST NUMBER OF DAYS BY MONTH WITH MAXIMUM TEMPERATURE OF 100 DEGREES OR GREATER 

| Number of Days | Month and Year |
| :---: | :---: |
| 4 | July 1925, 1931 |
| 3 | July 1901, 1940, 1994 <br> August 1990 |

Note: Only 3 or more occurrences are tabulated

## AVERAGE NUMBER OF DAYS PER MONTH WITH MAXIMUM TEMPERATURE OF 100 DEGREES OR GREATER

| Month | Number of Days |
| :---: | :---: |
| June | 0.1 |
| July | 0.4 |
| August | 0.1 |
| Annual | 0.6 |

For example: June averages one occurrence of 100 degrees or greater every 10 years.

# GREATEST NUMBER OF CONSECUTIVE DAYS WITH MAXIMUM TEMPERATURE 95 DEGREES OR HIGHER 

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 12 | July 17 to July 28 | 1931 |
| 10 | July 1 to July 10 | 1985 |
| 9 | July 14 to July 22 | 1960 |
| 8 | July 16 to July 23 | 1959 |
| 7 | July 8 to July 14 | 1939 |
|  | June 19 to June 25 | 1988 |
|  | July 25 to July 31 | 1994 |

GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MAXIMUM TEMPERATURE OF 95 DEGREES OR HIGHER

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 28 | 1940 | 0 | $1907,1911,1912$ <br> $1913,1914,1993$ |
| 23 | 1974 | 1 | $1904,1930,1952$ |
| 21 | 1961,1988 | 2 | $1902,1903,1908$ <br> $1915,1916,1923$ <br> 1938,1948 |
| 20 | 1990,1994 | 3 | $1909,1910,1921$ <br> $1924,1927,1941$ <br>  |
|  |  |  | $1957,1962,1965$ <br> 1980 |
| 17 | 1931,1991 | 4 | $1932,1944,1945$ |
|  |  |  | 1987 |

# GREATEST NUMBER OF DAYS IN ONE MONTH WITH MAXIMUM TEMPERATURE OF 95 DEGREES OR HIGHER 

| Number of Days | Month and Year |
| :---: | :---: |
| 13 | July 1931 |
| 12 | July 1901,1959, 1960, <br> 1964,1985 |
| 11 | July 1974, 1994 <br> August 1940 |
| 10 | July 1940, 1974, <br> 1988,1989 |

Note: Only 10 or more days are tabulated

## AVERAGE NUMBER OF DAYS PER MONTH WITH MAXIMUM TEMPERATURE OF 95 DEGREES OR HIGHER

| Month | Number of Days |
| :---: | :---: |
| June | 1.4 |
| July | 5.0 |
| August | 3.6 |
| September | 0.1 |
| Annual | 10.2 |

Note: Annual average different than the sum of monthly averages due to rounding For example: September averages one occurrence of 95 degrees or greater every 10 years.

## GREATEST NUMBER OF CONSECUTIVE DAYS WITH MAXIMUM TEMPERATURE 90 DEGREES OR HIGHER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 20 | July 20 to August 8 | 1994 |
| 18 | July 10 to July 27 | 1959 |
| 17 | July 15 to July 31 | 1901 |
| 16 | August 3 to August 18 | 1981 |
| 15 | July 18 to August 1 | 1974 |
| 14 | July 18 to July 31 | 1989 |
| 13 | July 26 to August 7 | 1992 |

## GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MAXIMUM

 TEMPERATURE OF 90 DEGREES OR HIGHER| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 55 | 1988 | 6 | 1912,1993 |
| 54 | 1994 | 7 | 1907 |
| 52 | 1940 | 10 | 1913 |
| 50 | 1990 | 13 | 1911 |
| 49 | 1967 | 14 | $1903,1914,1927$ |

## GREATEST NUMBER OF DAYS IN ONE MONTH WITH MAXIMUM TEMPERATURE OF 90 DEGREES OR HIGHER

| Number of Days | Month and Year |
| :---: | :---: |
| 26 | August 1967 |
| 25 | August 1981 |
| 24 | July 1901 |
| 23 | July 1989 <br> August 1994 |
| 22 | July 1953, 1961, 1966 |

## AVERAGE NUMBER OF DAYS PER MONTH WITH MAXIMUM TEMPERATURE OF 90 DEGREES OR HIGHER

| Month | Number of Days |
| :---: | :---: |
| June | 4.2 |
| July | 14.4 |
| August | 12.3 |
| September | 1.9 |
| October | $*$ |
| Annual | 32.8 |

* Less than 0.05 but greater than zero


## GREATEST NUMBER OF CONSECUTIVE DAYS WITH MAXIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 39 | January 2 to February 9 | 1949 |
| 30 | December 29 to January 27 | $1936-1937$ |
| 23 | January 4 to January 26 | 1929 |
|  | December 8 to December 30 | 1985 |
| 22 | January 3 to January 22 | 1922 |
| 20 | December 11 to December 30 | 1914 |
|  | January 25 to February 13 | 1923 |
|  | January 3 to January 22 | 1955 |

GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MAXIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 96 | 1985 | 10 | 1934 |
| 67 | 1922 | 15 | 1925 |
| 66 | 1984 | 16 | 1900 |
| 65 | 1930 | 18 | $1958+$ |
| 62 | 1993 | 19 | 1938 |

+ Last of several occurrences


# GREATEST NUMBER OF DAYS IN ONE MONTH WITH MAXIMUM TEMPERATURE OF 32 DEGREES OR LOWER 

| Number of Days | Month and Year |
| :---: | :---: |
| 30 | January 1945, 1985 |
| 27 | January 1929, 1975 |
| 26 | January 1922 |
| 25 | December 1930, 1985 <br> January 1955 |
| 24 | January 1977 |

## AVERAGE NUMBER OF DAYS PER MONTH WITH MAXIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Month | Number of Days | Month | Number of Days |
| :---: | :---: | :---: | :---: |
| January | 15.0 | October | 0.2 |
| February | 7.5 | November | 4.0 |
| March | 2.0 | December | 12.7 |
| April | $*$ | Annual | 41.4 |

* Less than 0.05 but greater than zero

For example: October averages two occurrences of 32 degrees or lower every 10 years.

## GREATEST NUMBER OF CONSECUTIVE DAYS WITH MAXIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 4 | December 20 to December 23 | 1990 |
| 3 | December 9 to December 11 | 1972 |
|  | December 21 to December 23 | 1983 |
| 2 | December 18 to December 19 | 1924 |
|  | January 31 to February 1 | 1985 |

Note: Only periods of 2 or more days are tabulated

## GREATEST NUMBER OF DAYS IN A YEAR WITH MAXIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Number of Days | Year |
| :---: | :---: |
| 4 | 1972 |
|  | 1990 |
| 3 | 1983 |
| 2 | 1924 |
|  | 1985 |

Note: Only years with 2 or more days are tabulated

## GREATEST NUMBER OF DAYS IN ONE MONTH WITH MAXIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Number of Days | Month and Year |
| :---: | :---: |
| 4 | December 1972, 1990 |
| 3 | December 1983 |
| 2 | December 1924 |

Note: Only months with 2 or more days are tabulated

# AVERAGE NUMBER OF DAYS PER MONTH WITH MAXIMUM TEMPERATURES OF ZERO DEGREES OR LOWER 

| Month | Number of Days |
| :---: | :---: |
| December | 0.1 |
| January | 0.1 |
| February | $*$ |
| Annual | 0.2 |

[^2]GREATEST NUMBER OF CONSECUTIVE DAYS WITH MINIMUM TEMPERATURE OF 65 DEGREES OR GREATER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 8 | July 21 to July 28 | 1931 |
| 5 | July 15 to July 19 | 1925 |
|  | July 25 to July 29 | 1937 |
| 4 | July 10 to July 13 | 1901 |
|  | July 9 to July 12 | 1921 |
|  | July 14 to July 17 | 1928 |
|  | July 28 to July 31 | 1934 |
|  | August 7 to August 10 | 1936 |

Note: Only 4 or more days are tabulated

## GREATEST NUMBER OF DAYS IN A YEAR WITH MINIMUM TEMPERATURE OF 65 DEGREES OR HIGHER

| Number of Days | Year |
| :---: | :---: |
| 21 | 1936 |
| 18 | 1931 |
| 17 | 1929,1937 |
| 14 | 1901 |
| 12 | 1934 |

GREATEST NUMBER OF DAYS IN ONE MONTH WITH MINIMUM TEMPERATURE OF 65 DEGREES OR GREATER

| Number of Days | Month and Year |
| :---: | :---: |
| 12 | July 1931, 1936 |
| 9 | July 1929, 1937 |
| 8 | July 1901 |
| 7 | July 1921, 1925, 1934 <br> August 1929 |
| 6 | July 1926, 1933 <br> August 1901, 1936, 1937 |

# AVERAGE NUMBER OF DAYS PER MONTH WITH MINIMUM TEMPERATURE OF 65 DEGREES OR GREATER 

| Month | Number of Days |
| :---: | :---: |
| June | 0.1 |
| July | 0.6 |
| August | 0.4 |
| September | $*$ |
| Annual | 1.1 |

* Less than 0.05 but greater than zero

For example: June averages one occurrence of 65 degrees or greater every 10 years

GREATEST NUMBER OF CONSECUTIVE DAYS WITH MINIMUM TEMPERATURE OF 60 DEGREES OR GREATER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 13 | July 13 to July 25 | 1936 |
| 10 | July 21 to July 30 | 1931 |
| 8 | July 18 to July 25 | 1927 |
| 7 | August 7 to August 13 | 1909 |
|  | July 17 to July 23 | 1910 |
|  | July 26 to August 1 | 1910 |
|  | August 23 to August 29 | 1922 |
|  | July 12 to July 18 | 1928 |
|  | July 5 to July 11 | 1930 |
|  | July 30 to August 5 | 1930 |
|  | July 24 to July 30 | 1933 |
|  | August 6 to August 12 | 1936 |

Note: Only 7 Days or greater are tabulated

## GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MINIMUM TEMPERATURE OF 60 DEGREES OR GREATER

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 44 | 1936 | 0 | 1993 |
| 39 | 1931 | 1 | 1944,1980 |
| 35 | 1929,1933 | 2 | 1962,1990 |
| 34 | 1901 | 3 | 1992 |
| 32 | 1921 | 4 | $1965,1986,1995$ |

## GREATEST NUMBER OF DAYS IN ONE MONTH WITH MINIMUM TEMPERATURE OF 60 DEGREES OR GREATER

| Number of Days | Month and Year |
| :---: | :---: |
| 22 | July 1936 |
| 20 | July 1933 |
| 18 | July 1901, 1930 |
| 17 | July 1910 <br> August 1922 |
| 16 | July 1931, 1934, 1937 <br> August 1930 |

AVERAGE NUMBER OF DAYS PER MONTH WITH MINIMUM TEMPERATURE OF 60 DEGREES OR GREATER

| Month | Number of Days |
| :---: | :---: |
| June | 0.8 |
| July | 4.2 |
| August | 2.9 |
| September | 0.3 |
| Annual | 8.2 |

For example: June averages eight occurrences of 60 degrees or greater every 10 years.

GREATEST NUMBER OF CONSECUTIVE DAYS WITH MINIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Number of Days | Period | Years |
| :---: | :---: | :---: |
| 137 | November 14 to March 30 | $1984-1985$ |
| 110 | November 9 to March 10 | $1954-1955$ |
| 101 | December 21 to March 31 | $1941-1942$ |
| 100 | November 25 to March 3 | $1959-1960$ |
| 94 | November 23 to February 24 | $1988-1989$ |

## GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MINIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 193 | 1966 | 84 | 1934 |
| 189 | $1985+$ | 115 | 1915 |
| 187 | 1968 | 119 | $1924+$ |
| 182 | 1944 | 121 | 1921 |
| 179 | 1964 | 124 | 1926 |

+ Last of several occurrences

AVERAGE NUMBER OF DAYS PER MONTH WITH MINIMUM TEMPERATURE OF 32 DEGREES OR LOWER

| Month | Number of Days | Month | Number of Days |
| :---: | :---: | :---: | :---: |
| January | 28.1 | August | 0.1 |
| February | 25.1 | September | 3.3 |
| March | 24.5 | October | 14.7 |
| April | 15.6 | November | 23.4 |
| May | 4.2 | December | 28.5 |
| June | 0.3 | Annual | 167.9 |

For example: June averages three occurrences of 32 degrees or lower every 10 years.

GREATEST NUMBER OF CONSECUTIVE DAYS WITH MINIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 20 | December 10 to December 29 | 1985 |
| 12 | December 4 to December 15 | 1972 |
| 11 | January 1 to January 11 | 1974 |
| 9 | January 11 to January 19 | 1917 |
|  | January 23 to January 31 | 1949 |
| 8 | December 23 to December 30 | 1930 |
|  | December 8 to December 15 | 1932 |
|  | January 5 to January 12 | 1977 |
|  | January 30 to February 6 | 1985 |

## GREATEST AND LEAST NUMBER OF DAYS IN A YEAR WITH MINIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 42 | 1985 | 0 | $1953+$ |
| 28 | 1949 | 1 | $1976+$ |
| 26 | 1982 | 2 | $1994+$ |
| 24 | 1993 | 3 | $1981+$ |
| 22 | 1964 | 4 | $1927+$ |

+ Last of several occurrences


## GREATEST NUMBER OF DAYS IN ONE MONTH WITH MINIMUM TEMPERATURE OF ZERO DEGREES OR LOWER

| Number of Days | Month and Year |
| :---: | :---: |
| 25 | January 1949 |
| 20 | December 1985 |
| 14 | January 1979 |
| 13 | December 1972, 1990 <br> January 1987 |
| 12 | January 1930 |

# AVERAGE NUMBER OF DAYS PER MONTH WITH MINIMUM TEMPERATURES OF ZERO DEGREES OR LOWER 

| Month | Number of Days |
| :---: | :---: |
| January | 5.6 |
| February | 2.2 |
| March | 0.3 |
| November | 0.9 |
| December | 3.9 |
| Annual | 12.8 |

For example: March averages three occurrence of 0 degrees or lower every 10 years.

## FROST AND FREEZE DATA

Period of Record: 1951-1994

## SPRING DATA

|  | Earliest Last Date | Average Last Date | Latest Last Date |
| :---: | :---: | :---: | :---: |
| 24 degrees or less | March 14, 1993 | April 11 | May 23, 1966 |
| 28 degrees or less | April 11, 1991 | May 1 | May 31, 1978 |
| 32 degrees or less | April 17, 1980+ | May 18 | June 30, 1968 |

+ Last of several occurrences


## FALL DATA

|  | Earliest First Date | Average First Date | Latest First Date |
| :---: | :---: | :---: | :---: |
| 32 degrees or less | August 25, 1992 | September 18 | October 16, 1963 |
| 28 degrees or less | September 9, 1976 | October 4 | October 30, 1988 |
| 24 degrees or less | September 18, 1971+ | October 15 | November 18, 1988 |

+ Last of several occurrences

FROST FREE PERIOD

|  | Greatest Number of <br> Days | Average Number of <br> Days | Least Number of <br> Days |
| :---: | :---: | :---: | :---: |
| 32 degrees or less | Apr 25 - Oct 16 1963 <br> 174 Days | 123 Days | Jun 21 - Sep 4 1989 <br> 75 Days |
| 28 degrees or less | Apr 16 - Oct 27 1979 <br> 194 Days | 156 Days | May 31 - Sep 20 1978 <br> 112 Days |
| 24 degrees or less | Mar 14- Oct 26 1993 <br> 226 Days | 187 Days | May 23 - Oct 10 1966 <br> 140 Days |

+ Last of several occurrences


## PRECIPITATION DATA

GREATEST, LEAST AND NORMAL ANNUAL PRECIPITATION

| Greatest | Year | Least | Year |
| :---: | :---: | :---: | :---: |
| 22.43 | 1909 | 5.34 | 1966 |
| 20.33 | 1983 | 6.43 | 1939 |
| 18.48 | 1911 | 7.25 | 1959 |
| 18.35 | 1914 | 7.56 | 1901 |
| 18.17 | 1906 | 8.28 | 1951 |
| 17.88 | 1993 | 8.45 | 1934 |
| 17.46 | 1912 | 8.55 | 1952 |
| 17.43 | 1907 | 8.57 | 1934 |
| 17.17 | 1925 | 8.59 | 1956 |
| 16.83 | 1971 | 8.80 | 1931,1979 |
| Normal Precipitation | 12.14 |  |  |

GREATEST, LEAST AND NORMAL MONTHLY PRECIPITATION

| January |  |  |  | February |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 4.28 | 1911 | .14 | 1920 | 2.86 | 1909 | .12 | 1970 |
| 3.24 | 1980 | .19 | 1919 | 2.63 | 1986 | .18 | 1903,1967 |
| 3.13 | 1909 | .20 | 1945 | 2.15 | 1917 | .21 | 1988 |
| 2.92 | 1956 | .21 | 1992 | 2.07 | 1902 | .24 | 1924,1990 |
| 2.58 | 1914 | .24 | 1961 | 2.06 | 1919,1984 | .26 | 1947 |
| Normal Precipitation |  |  |  |  |  |  |  |

GREATEST, LEAST AND NORMAL MONTHLY PRECIPITATION (CONT.)

| March |  |  |  | April |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 4.34 | 1907 | .10 | 1965 | 3.31 | 1900 | .06 | 1977 |
| 4.00 | 1904 | .11 | 1994 | 3.30 | 1963 | .19 | 1959 |
| 3.57 | 1906 | .20 | 1956 | 3.23 | 1921 | .28 | 1934 |
| 3.11 | 1938 | .30 | 1942 | 2.94 | 1935 | .29 | 1985 |
| 2.95 | 1983 | .37 | 1934,1959 | 2.82 | 1976 | .31 | 1966 |
| Normal Precipitation | 1.26 |  |  |  | Normal Precipitation |  | 1.20 |


| May |  |  |  | June |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |  |  |  |
| 3.96 | 1908 | T | 1934 | 3.39 | 1944 | .02 | 1935,1974 |  |  |  |
| 3.31 | 1915 | .05 | 1940 | 3.30 | 1967 | .03 | 1956 |  |  |  |
| 3.29 | 1980 | .19 | 1969 | 3.23 | 1914 | .08 | 1910 |  |  |  |
| 3.24 | 1981 | .25 | 1992 | 3.13 | 1911 | .09 | 1931 |  |  |  |
| 3.12 | 1906 | .31 | 1924 | 2.95 | 1993 | .10 | 1900,1994 |  |  |  |
| Normal Precipitation | 1.35 |  |  | Normal Precipitation |  |  |  |  |  | 1.02 |


| July |  |  |  | August |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |  |  |  |  |  |
| 3.33 | 1925 | T | 1901,1963 <br> 1988 | 3.98 | 1968 | .00 | 1944 |  |  |  |  |  |
| 2.44 | 1936 | .01 | 1900,1948 | 3.59 | 1930 | T | 1958 |  |  |  |  |  |
| 2.28 | 1984 | .02 | 1959 | 3.07 | 1909 | .01 | 1911,1952 <br> 1956 |  |  |  |  |  |
| 2.23 | 1913 | .03 | 1978 | 2.53 | 1920 | .02 | 1966,1975 |  |  |  |  |  |
| 1.93 | 1987 | .04 | 1953 | 2.20 | 1922 | .03 | 1924 |  |  |  |  |  |
| Normal Precipitation | 0.65 |  |  |  | Normal Precipitation |  |  |  |  |  |  | 0.67 |

## GREATEST, LEAST AND NORMAL MONTHLY PRECIPITATION (CONT.)

| September |  |  |  | October |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 3.80 | 1940 | .00 | 1987 | 3.25 | 1912 | .00 | 1952,1988 |
| 3.43 | 1982 | T | 1899,1932 <br> 1964 | 3.17 | 1938 | T | 1917,1958 |
| 2.72 | 1926 | .01 | 1916 | 3.03 | 1923 | .02 | 1965 |
| 2.68 | 1925 | .02 | 1938,1951 <br> 1957 | 2.65 | 1899 | .06 | 1978 |
| 2.64 | 1914 | .03 | 1975 | 2.62 | 1920 | .09 | 1932 |
| Normal Precipitation |  | 0.85 | Normal Precipitation |  | 0.91 |  |  |


| November |  |  |  |  | December |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |  |
| 2.84 | 1983 | .01 | 1976 | 3.39 | 1983 | .07 | 1989 |  |
| 2.80 | 1909 | .02 | 1904,1939 <br> 1959 | 2.95 | 1964 | .20 | 1912,1976 <br> 1986 |  |
| 2.44 | 1948 | .09 | 1936 | 2.59 | 1907 | .22 | 1918,1991 |  |
| 2.37 | 1985 | .21 | 1907 | 2.31 | 1916 | .37 | 1943,1980 |  |
| 2.27 | 1988 | .23 | 1914 | 2.22 | 1981 | .38 | 1908,1953 |  |
| Normal Precipitation | 1.16 |  |  | Normal Precipitation |  | 1.02 |  |  |

GREATEST AND LEAST PRECIPITATION IN ONE MONTH

| Greatest |  | Least |  |
| :---: | :---: | :---: | :---: |
| Amount | Month and Year | Amount | Month and Year |
| 4.34 | March 1907 | .00 | October 1988+ |
| 4.28 | January 1911 | T | July 1988+ |
| 4.00 | March 1904 | .01 | November 1976+ |
| 3.98 | August 1968 | .02 | October 1975+ |
| 3.96 | May 1908 | .03 | July 1978+ |

+ Last of several occurrences

GREATEST, LEAST AND NORMAL WATER YEAR PRECIPITATION (1901-1994)

| Greatest |  | Least |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Amount | Year | Amount | Year |  |
| 20.51 | 1909 | 6.02 | 1966 |  |
| 19.85 | 1993 | 6.36 | 1988 |  |
| 19.38 | 1914 | 6.43 | 1939 |  |
| 18.97 | 1982 | 6.96 | 1934 |  |
| 18.83 | 1925 | 7.26 | 1956 |  |
| Normal |  |  | 12.14 |  |

Note: Water Year begins October 1 of the previous year and ends September 30.

## GREATEST, LEAST AND NORMAL SEASONAL PRECIPITATION

| Winter <br> (December, January and February) |  |  |  | Spring <br> (March, April and May) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 6.98 | $1910-1911$ | .84 | $1989-1990$ | 7.85 | 1906 | .65 | 1934 |
| 6.37 | $1908-1909$ | 1.08 | $1991-1992$ | 7.83 | 1991 | .93 | 1969 |
| 6.16 | $1992-1993$ | 1.27 | $1976-1977$ | 6.62 | 1921 | 1.38 | 1939 |
| 5.94 | $1983-1984$ | 1.46 | $1945-1946$ | 6.49 | 1907 | 1.44 | 1992 |
| 5.45 | $1921-1922$ | 1.56 | $1980-1981$ | 6.41 | 1963 | 1.66 | 1966 |
| 5.28 | $1916-1917$ | 1.59 | $1943-1944$ | 6.20 | 1981 | 1.67 | 1959 |
| 5.24 | $1935-1936$ | 1.60 | $1912-1913$ | 6.15 | 1915 | 1.73 | 1956 |
| 5.03 | $1915-1916$ | 1.64 | $1953-1954$ | 6.09 | 1957 | 1.75 | 1979 |
| 4.93 | $1939-1940$ | 1.84 | $1923-1924$ | 5.97 | 1938 | 1.87 | 1940 |
| 4.87 | $1985-1986$ | 1.94 | $1986-1987$ | 5.83 | 1927 | 2.05 | 1931 |
| Normal |  |  |  |  |  |  |  |

## GREATEST, LEAST AND NORMAL SEASONAL PRECIPITATION (CONT.)

| Summer <br> (June, July and August) |  |  |  | Fall <br> (September, October and November) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 6.55 | 1925 | .12 | 1956 | 6.44 | 1909 | .34 | 1932 |
| 5.92 | 1968,1993 | .29 | 1910 | 6.16 | 1971 | .69 | 1987 |
| 5.39 | 1936 | .31 | 1974 | 6.15 | 1940 | .82 | 1936 |
| 5.18 | 1930 | .33 | 1966 | 5.69 | 1983 | .84 | 1933 |
| 5.07 | 1914 | .34 | 1901 | 5.59 | 1982 | .88 | 1952 |
| 4.81 | 1912 | .38 | 1935 | 5.35 | 1973 | .99 | 1955 |
| 4.55 | 1913 | .43 | 1900 | 5.12 | 1912 | 1.19 | 1951 |
| 4.50 | 1944 | .57 | 1988 | 4.89 | 1914 | 1.30 | 1939 |
| 4.37 | 1909,1995 | .59 | 1986 | 4.83 | 1920 | 1.32 | 1904,1922 |
| 4.32 | 1984 | .66 | 1978 | 4.68 | 1926,1961 | 1.35 | 1964 |
| Normal |  |  |  |  |  |  |  |

GREATEST DAILY PRECIPITATION

|  | January |  | February |  | March |  | April |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 | .64 | 1910 | .46 | 1907 | .39 | 1991 | .40 | 1903 |
| 2 | .68 | 1922 | .74 | 1989 | .74 | 1989 | .69 | 1910 |
| 3 | .35 | 1977 | .30 | 1978 | .29 | 1924 | .40 | 1947 |
| 4 | .37 | 1982 | 1.37 | 1946 | .97 | 1990 | .40 | 1919 |
| 5 | .64 | 1940 | .37 | 1929 | .61 | 1947 | 1.10 | 1921 |
| 6 | .48 | 1909 | .63 | 1937 | 1.53 | 1907 | 1.04 | 1923 |
| 7 | .29 | 1942 | .46 | 1951 | .34 | 1904 | .62 | 1902 |
| 8 | .37 | 1942 | 1.07 | 1909 | .66 | 1901 | .64 | 1900 |
| 9 | .54 | 1936 | .30 | $1944+$ | .19 | 1928 | .52 | 1929 |
| 10 | .66 | 1980 | .60 | 1984 | .28 | 1907 | .78 | 1974 |
| 11 | .56 | 1993 | .47 | 1941 | .66 | 1906 | .79 | 1972 |
| 12 | .52 | 1980 | .56 | 1908 | 1.06 | 1906 | .40 | 1912 |
| 13 | .66 | 1980 | .66 | 1983 | .73 | 1946 | .65 | 1941 |
| 14 | .54 | 1906 | .43 | 1979 | .47 | 1917 | .53 | 1932 |
| 15 | .62 | 1956 | .39 | 1958 | .37 | 1982 | .56 | 1991 |
| 16 | .56 | 1938 | .63 | 1904 | .41 | 1923 | 1.00 | 1920 |
| 17 | .70 | 1950 | .49 | 1986 | .77 | 1993 | .46 | 1992 |
| 18 | .42 | 1950 | .32 | 1980 | .88 | 1904 | .49 | 1991 |
| 19 | .74 | 1906 | .54 | 1986 | .41 | 1989 | .48 | 1912 |
| 20 | .45 | 1962 | .47 | 1992 | .77 | 1904 | .71 | 1920 |
| 21 | .41 | 1969 | .34 | $1977+$ | .55 | 1907 | .63 | 1902 |
| 22 | .67 | 1909 | .46 | 1917 | .37 | 1978 | .72 | 1900 |
| 23 | .41 | 1916 | .27 | 1941 | 1.33 | 1916 | .69 | 1900 |
| 24 | 1.23 | 1911 | .56 | 1917 | .46 | $1928+$ | .53 | 1902 |
| 25 | .85 | 1911 | .34 | 1969 | .58 | 1975 | .72 | 1971 |
| 26 | .43 | 1956 | .67 | 1902 | .38 | 1905 | .86 | 1976 |
| 27 | .93 | 1970 | .44 | 1916 | .31 | 1918 | .87 | 1963 |
| 28 | .51 | 1942 | .54 | 1906 | .43 | 1982 | .59 | 1937 |
| 29 | .58 | 1929 | .52 | 1940 | .90 | 1915 | .51 | 1933 |
| 30 | 1.19 | 1908 |  |  | .74 | 1983 | .53 | 1930 |
| 31 | .59 | 1963 |  |  | .68 | 1936 |  |  |
|  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |

GREATEST DAILY PRECIPITATION (CONT.)

|  | May |  | June |  | July |  | August |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 | .61 | 1964 | .52 | 1908 | .97 | 1925 | .72 | 1930 |
| 2 | .57 | 1991 | .53 | 1993 | .36 | 1980 | 1.29 | 1920 |
| 3 | .51 | 1993 | .53 | 1989 | .19 | 1938 | .85 | 1907 |
| 4 | .41 | 1975 | .72 | 1968 | .97 | 1925 | .26 | 1930 |
| 5 | .56 | 1993 | .99 | 1906 | .34 | 1925 | .90 | 1962 |
| 6 | .37 | 1986 | .48 | 1993 | .78 | 1924 | .11 | 1943 |
| 7 | .59 | 1975 | .42 | 1987 | .37 | 1927 | .34 | 1926 |
| 8 | .91 | 1922 | 1.09 | 1912 | .80 | 1933 | .81 | 1982 |
| 9 | .75 | 1967 | .99 | 1909 | .66 | 1983 | 1.83 | 1930 |
| 10 | .44 | 1966 | .72 | 1984 | .52 | 1914 | .46 | 1938 |
| 11 | .96 | 1947 | .56 | 1947 | .43 | 1941 | .76 | 1942 |
| 12 | .34 | 1907 | .84 | 1969 | .46 | 1969 | .36 | $1941+$ |
| 13 | .74 | 1928 | .81 | 1958 | .67 | 1914 | .66 | 1968 |
| 14 | .47 | 1906 | .69 | 1973 | .48 | 1921 | .86 | 1972 |
| 15 | .46 | $1930+$ | .56 | 1964 | .23 | 1908 | .74 | 1916 |
| 16 | 1.25 | 1909 | 1.25 | 1929 | .16 | 1940 | .34 | 1953 |
| 17 | .53 | 1903 | .50 | 1905 | .31 | 1987 | .96 | 1968 |
| 18 | 1.39 | 1913 | .66 | 1946 | .20 | 1976 | .31 | 1965 |
| 19 | .74 | 1915 | .28 | 1930 | .98 | 1965 | .26 | 1922 |
| 20 | 1.07 | 1920 | .90 | 1911 | .97 | 1944 | .62 | 1993 |
| 21 | 1.29 | 1970 | 1.05 | 1948 | .83 | 1987 | .78 | 1993 |
| 22 | .48 | 1933 | .81 | 1948 | .78 | 1973 | .73 | 1975 |
| 23 | .50 | 1920 | .35 | 1953 | .60 | 1913 | .60 | 1987 |
| 24 | .31 | 1963 | .62 | 1952 | .34 | 1923 | .37 | 1929 |
| 25 | .34 | 1914 | .61 | 1985 | .20 | 1916 | .27 | 1955 |
| 26 | .58 | 1906 | .70 | 1926 | .71 | 1913 | .95 | 1975 |
| 27 | .72 | 1908 | .51 | 1952 | .94 | 1984 | .58 | 1920 |
| 28 | 1.16 | 1946 | .65 | 1913 | .37 | 1984 | .69 | 1982 |
| 29 | .43 | 1917 | .70 | 1911 | .57 | 1975 | .48 | 1971 |
| 30 | .47 | 1990 | .41 | 1911 | .70 | 1905 | .82 | 1909 |
| 31 | .55 | 1944 |  |  | 1.40 | 1936 | .90 | 1909 |
|  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |

## GREATEST DAILY PRECIPITATION (CONT)

|  | September |  | October |  | November |  | December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 | .91 | 1973 | 1.05 | 1971 | .32 | 1991 | .91 | 1982 |
| 2 | .82 | 1919 | 1.68 | 1976 | .61 | 1913 | .49 | 1925 |
| 3 | .61 | 1971 | .75 | 1914 | .34 | 1933 | .81 | 1941 |
| 4 | .69 | 1946 | .90 | 1912 | .67 | 1938 | .57 | 1901 |
| 5 | .57 | 1909 | .77 | 1912 | .31 | 1953 | .35 | 1916 |
| 6 | .23 | 1971 | .42 | 1918 | .55 | 1963 | .45 | 1971 |
| 7 | .66 | 1925 | .42 | 1923 | .80 | 1969 | .75 | 1919 |
| 8 | .76 | 1973 | .68 | 1973 | .76 | 1903 | .68 | 1985 |
| 9 | .55 | 1927 | .64 | 1924 | .47 | 1909 | .28 | 1970 |
| 10 | .27 | 1978 | .69 | 1911 | .85 | 1927 | .39 | $1937+$ |
| 11 | .42 | 1980 | .80 | 1916 | .61 | 1978 | .56 | 1958 |
| 12 | 1.46 | 1942 | .47 | 1899 | .33 | 1978 | .43 | 1926 |
| 13 | .49 | 1980 | .46 | 1922 | .60 | 1958 | 1.01 | 1933 |
| 14 | .32 | 1959 | .44 | 1938 | .66 | 1971 | .32 | 1983 |
| 15 | 1.11 | 1982 | 1.31 | 1980 | .32 | 1948 | .27 | 1981 |
| 16 | .19 | 1908 | .76 | 1938 | .64 | 1930 | .38 | 1899 |
| 17 | .86 | 1947 | .38 | 1937 | .82 | 1941 | .54 | 1930 |
| 18 | 1.05 | 1961 | .51 | 1971 | .61 | 1942 | .15 | 1978 |
| 19 | .45 | 1982 | .89 | 1920 | .36 | 1909 | .27 | 1932 |
| 20 | .46 | 1914 | .48 | 1972 | .61 | 1905 | .53 | 1952 |
| 21 | .67 | 1945 | 1.28 | 1921 | .44 | 1900 | .49 | 1900 |
| 22 | .35 | 1930 | .65 | 1931 | .34 | 1977 | .59 | 1944 |
| 23 | .40 | $1934+$ | .90 | 1923 | .64 | 1988 | .74 | 1964 |
| 24 | .53 | 1901 | .25 | 1954 | .47 | 1981 | .37 | 1916 |
| 25 | .63 | 1982 | .21 | $1907+$ | .53 | 1909 | .59 | 1988 |
| 26 | 1.31 | 1915 | 1.01 | 1940 | .60 | 1920 | 1.05 | 1907 |
| 27 | 1.00 | 1927 | .77 | 1912 | .39 | 1926 | .40 | 1940 |
| 28 | .45 | 1909 | .40 | 1927 | .23 | 1985 | .32 | 1915 |
| 29 | .45 | 1905 | .34 | 1927 | .38 | 1942 | .63 | 1992 |
| 30 | 2.27 | 1926 | .60 | 1930 | .22 | 1978 | .47 | 1965 |
| 31 |  |  | .46 | 1938 |  |  | .48 | 1913 |
|  |  |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |  |

GREATEST 24 HOUR PRECIPITATION BY MONTH

| January |  |  | February |  |  | March |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date(s) | Year | Amount | Date(s) | Year | Amount | Date(s) | Year |
| 1.46 | $24-25$ | 1911 | 1.07 | 8 | 1909 | 1.61 | $5-6$ | 1907 |
| 0.97 | $26-27$ | 1970 | 0.67 | $13-14$ | 1983 | 1.27 | $4-5$ | 1990 |
| 0.95 | $9-10$ | $1980+$ | 0.60 | $9-10$ | 1984 | 1.23 | $20-21$ | 1995 |
| 0.78 | $31-$ Feb 1 | 1963 | 0.59 | $11-12$ | 1961 | 0.90 | $30-31$ | 1983 |
| 0.69 | $10-11$ | 1993 | 0.54 | 19 | $1986+$ | 0.89 | $4-5$ | 1991 |

+ Last of several occurrences

| April |  |  | May |  |  | June |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date(s) | Year | Amount | Date(s) | Year | Amount | Date(s) | Year |
| 1.25 | $25-26$ | 1976 | 1.67 | $20-21$ | 1970 | 1.65 | $21-22$ | 1948 |
| 1.14 | $26-27$ | 1963 | 1.64 | $8-9$ | 1913 | 1.25 | 6 | 1929 |
| 0.94 | $5-6$ | 1957 | 1.32 | $20-21$ | 1981 | 1.18 | $5-6$ | 1993 |
| 0.91 | $25-26$ | 1971 | 1.30 | $8-9$ | 1991 | 1.08 | $9-10$ | 1960 |
| 0.90 | $9-10$ | 1974 | 1.21 | $28-29$ | 1946 | 1.03 | $18-19$ | 1995 |


| July |  |  | August |  |  | September |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date(s) | Year | Amount | Date(s) | Year | Amount | Date(s) | Year |
| 1.75 | $31-$ Aug 1 | 1936 | 1.90 | $8-9$ | 1930 | 2.60 | $29-30$ | 1926 |
| 0.98 | 19 | $1965+$ | 1.16 | $13-14$ | 1972 | 1.51 | $11-12$ | 1942 |
| 0.97 | 20 | 1944 | 0.96 | 17 | 1968 | 1.13 | $15-16$ | 1982 |
| 0.95 | $27-28$ | 1984 | 0.90 | 5 | 1962 | 1.06 | $12-13$ | 1914 |
| 0.92 | $19-20$ | 1973 | 0.86 | $2-3$ | 1971 | 1.05 | 18 | 1961 |

+ Last of Several occurrences

GREATEST 24 HOUR PRECIPITATION BY MONTH (CONT.)

| October |  |  | November |  |  | December |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date(s) | Year | Amount | Date(s) | Year | Amount | Date(s) | Year |
| 1.82 | $2-3$ | 1976 | 0.93 | $9-10$ | 1927 | 1.15 | $12-13$ | 1933 |
| 1.31 | 15 | 1980 | 0.82 | $14-15$ | $1971+$ | 0.94 | $3-4$ | 1983 |
| 1.30 | $20-21$ | 1961 | 0.80 | 7 | 1969 | 0.91 | 1 | 1982 |
| 1.08 | $30-$ Nov 1 | 1971 | 0.77 | $16-17$ | 1983 | 0.88 | $2-3$ | 1941 |
| 1.02 | $25-26$ | $1975+$ | 0.72 | $24-25$ | 1985 | 0.84 | $22-23$ | 1964 |

+ Last of several occurrences

GREATEST, FEWEST AND AVERAGE NUMBER OF DAYS WITH 0.01 INCHES OR MORE PRECIPITATION BY MONTH (1951-1995)

|  | Greatest |  | Fewest |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Days | Year | Days | Year | Average |
| January | 18 | 1979 | 5 | 1992 | 12.0 |
| February | 19 | 1961 | 4 | 1970 | 10.4 |
| March | 18 | 1983 | 2 | 1965 | 10.0 |
| April | 16 | $1965+$ | 2 | 1977 | 8.3 |
| May | 17 | 1981 | 2 | $1969+$ | 9.3 |
| June | 16 | 1967 | 1 | 1974 | 6.7 |
| July | 9 | $1993+$ | 0 | 1988 | 4.1 |
| August | 12 | 1968 | 0 | 1958 | 4.6 |
| September | 12 | $1982+$ | 0 | 1987 | 4.6 |
| October | 10 | $1993+$ | 0 | 1988 | 5.4 |
| November | 19 | 1983 | 1 | 1976 | 9.3 |
| December | 23 | 1983 | 1 | 1976 | 10.8 |
| Annual | 132 | 1982 | 71 | 1952 | 95.5 |

[^3]GREATEST, FEWEST AND AVERAGE NUMBER OF DAYS WITH 0.10 INCHES OR MORE PRECIPITATION BY MONTH (1951-1995)

|  | Greatest |  | Fewest |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Days | Year | Days | Year | Average |
| January | 10 | 1993 | 0 | $1992+$ | 3.7 |
| February | 8 | $1993+$ | 0 | $1988+$ | 2.9 |
| March | 11 | 1983 | 0 | $1994+$ | 3.8 |
| April | 10 | $1986+$ | 0 | $1994+$ | 3.8 |
| May | 11 | 1980 | 1 | $1979+$ | 3.9 |
| June | 11 | 1967 | 0 | $1994+$ | 2.6 |
| July | 5 | 1975 | 0 | $1991+$ | 1.4 |
| August | 9 | 1968 | 0 | $1985+$ | 1.8 |
| September | 7 | 1982 | 0 | $1992+$ | 2.0 |
| October | 8 | 1956 | 0 | $1988+$ | 2.7 |
| November | 11 | 1983 | 0 | $1987+$ | 3.6 |
| December | 10 | 1983 | 0 | $1991+$ | 3.3 |
| Annual | 66 | 1983 | 15 | 1966 | 35.7 |

+ Last of several occurrences

GREATEST NUMBER OF DAYS WITH 0.50 INCHES AND 1.00 OR MORE OF PRECIPITATION BY MONTH (1951-1994)

|  | 0.50 Inches or greater |  |  | 1.00 Inches or greater |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Days | Year | Average | Days | Year | Average |  |
| January | 3 | 1980 | 0.2 | No occurrences |  |  |  |
| February | 1 | $1986+$ | 0.1 | No occurrences |  |  |  |
| March | 2 | 1983 | 0.2 | No occurrences |  |  |  |
| April | 2 | 1976 | 0.4 | No occurrences |  |  |  |
| May | 3 | 1991 | 0.6 | 1 | 1970,1974 | $*$ |  |
| June | 2 | $1992+$ | 0.5 | No occurrences |  |  |  |
| July | 2 | $1984+$ | 0.3 | No occurrences |  |  |  |
| August | 2 | $1982+$ | 0.3 | No occurrences |  |  |  |
| September | 2 | $1982+$ | 0.2 | 1 | 1961,1982 | 0.1 |  |
| October | 2 | $1975+$ | 0.3 | 1 | 1961,1971 <br> 1976,1980 | 0.1 |  |
| November | 2 | 1988 | 0.2 | No occurrences |  |  |  |
| December | 1 | $1992+$ | 0.2 | No occurrences |  |  |  |
| Annual | 11 | 1983 | 3.4 | 2 | 1961 |  | 0.2 |

+ Last of several occurrences
* less than 0.05 but greater than zero

For example: January averages two occurrences of 0.50 inches or greater every 10 years.

## GREATEST NUMBER OF CONSECUTIVE DAYS WITH NO PRECIPITATION

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 61 | September 12 to November 11 | 1952 |
| 47 | August 26 to October 11 | 1987 |
| 37 | September 4 to October 10 | 1899 |
| 35 | August 7 to September 10 | 1988 |
| 34 | September 28 to October 31 | 1988 |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH NO MEASURABLE PRECIPITATION (TRACE OR LESS)

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 62 | September 12 to November 12 | 1952 |
| 61 | August 29 to October 28 | 1964 |
| 59 | May 31 to July 28 | 1919 |
| 52 | October 4 to November 24 | 1976 |
| 48 | June 14 to July 31 <br> August 26 to October 12 | 1901 |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH PRECIPITATION (INCLUDING TRACE AMOUNTS)

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 30 | February 5 to March 6 | 1993 |
| 27 | November 25 to December 21 | 1992 |
| 25 | January 4 to January 28 | 1974 |
| 24 | January 20 to February 12 | 1985 |
| 22 | December 23 to January 13 | $1939-1940$ |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH MEASURABLE PRECIPITATION (. 01 INCH OR MORE)

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 14 | February 6 to February 19 <br> January 6 to January 19 | 1961 |
|  | December 25 to January 5 | $1981-1982$ |
| 12 | January 13 to January 23 | 1909 |
| 11 | December 16 to December 26 | 1968 |
|  | February 13 to February 23 | 1986 |
|  | February 15 to February 25 | 1993 |
|  | February 17 to February 27 | 1994 |
| 9 | April 27 to May 6 | 1995 |
|  | November 8 to November 16 | 1903 |
|  | March 17 to March 25 | 1907 |
|  | February 17 to February 25 | 1917 |
|  | March 30 to April 7 | 1937 |
|  | February 4 to February 12 | 1939 |
|  | January 22 to January 30 | 1958 |
|  | June 2 to June 10 | 1995 |

GREATEST, LEAST AND MEAN SEASONAL SNOWFALL

| Greatest | Season | Least | Season |
| :---: | :---: | :---: | :---: |
| 93.3 | $1992-1993$ | 14.8 | $1933-1934$ |
| 85.6 | $1983-1984$ | 18.1 | $1991-1992$ |
| 80.1 | $1916-1917$ | 18.2 | $1940-1941$ |
| 79.7 | $1928-1929$ | 18.3 | $1914-1915$ |
| 75.3 | $1920-1921$ | 18.5 | $1925-1926$ |
| 69.1 | $1931-1932$ | 20.6 | $1960-1961$ |
| 66.4 | $1981-1982$ | 21.5 | $1964-1965$ |
| 64.7 | $1915-1916$ | 21.9 | $1976-1977$ |
| 64.4 | $1921-1922$ | 22.6 | $1942-1943$ |
| 61.7 | $1961-1962$ | 24.1 | $1950-1951$ |
| Mean Snowfall |  | 42.9 |  |

Note: Snowfall season runs from July 1 through June 30

GREATEST, LEAST AND MEAN MONTHLY SNOWFALL

| January |  |  |  | February |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 29.6 | 1993 | 0.3 | 1919 | 23.4 | 1922 | 0.5 | 1970 |
| 28.1 | 1950 | 0.6 | 1900 | 23.0 | 1909 | 0.6 | 1977 |
| 27.4 | 1932 | 0.9 | 1948 | 21.3 | 1993 | 0.7 | 1963 |
| 25.3 | 1929 | 1.0 | 1945 | 20.1 | 1984 | 0.9 | 1992 |
| 23.1 | 1916 | 1.9 | 1961,1970 | 18.5 | 1917 | 1.1 | 1988 |
| Mean Snowfall |  |  | 9.8 | Mean Snowfall |  |  | 6.4 |

GREATEST, LEAST AND MEAN MONTHLY SNOWFALL (CONT.)

| March |  |  |  | April |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 26.5 | 1906 | 0.0 | 1910 | 22.5 | 1921 | 0.0 | 1915,1930 |
| 17.4 | 1916 | T | 1928 | 16.5 | 1929 | T | $1990+$ |
| 16.6 | 1985 | 0.6 | 1934,1992 | 15.5 | 1976 | 0.1 | $1934+$ |
| 15.4 | 1962 | 0.7 | $1994+$ | 14.8 | 1927 | 0.2 | 1913 |
| 15.1 | 1917,1938 | 0.9 | 1965 | 13.9 | 1967 | 0.3 | $1989+$ |
| Mean Snowfall |  |  |  |  |  |  |  |$\quad$| Mean Snowfall |  |
| :--- | :--- |

+ Last of several occurrences

| May |  |  |  |  | June |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |  |
| 12.8 | 1903 | 0.0 | $1992+$ | 1.0 | 1914,1924 | 0 | $1994+$ |  |
| 5.8 | 1902 | T | $1980+$ | 0.2 | 1981 |  |  |  |
| 5.5 | 1983 | 0.2 | $1993+$ |  |  |  |  |  |
| 4.9 | 1975 | 0.3 | $1979+$ |  |  |  |  |  |
| 2.6 | 1988 | 0.4 | $1965+$ |  |  |  |  |  |
| 0.6 |  |  |  |  |  |  |  |  |

+ Last of several occurrences

| July |  |  |  | August |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| T | 1921 |  |  | None on Record |  |  |  |
| Mean Snowfall |  | 0.0 |  | Mean Snowfall |  |  | 0.0 |

GREATEST, LEAST AND MEAN MONTHLY SNOWFALL (CONT.)

| September |  |  | October |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 2.0 | 1965 | 0.0 | $1994+$ | 18.1 | 1920 | 0.0 | $1993+$ |
| 1.2 | 1902 |  |  | 12.6 | 1971 | T | $1994+$ |
| 1.0 | 1914,1983 |  |  | 11.8 | 1961 | 0.1 | $1992+$ |
| 0.2 | 1924 |  |  | 9.2 | 1949 | 0.2 | $1955+$ |
| T | $1986+$ |  |  | 8.2 | 1989 | 0.3 | 1938,1977 |
| Mean Snowfall |  |  | 0.1 | Mean Snowfall |  |  |  |

+ Last of several occurrences

| November |  |  |  | December |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greatest | Year | Least | Year | Greatest | Year | Least | Year |
| 27.5 | 1985 | 0.0 | $1954+$ | 33.7 | 1983 | 0.5 | 1917,1962 |
| 15.2 | 1992 | T | $1969+$ | 20.4 | 1919 | 0.8 | 1925 |
| 11.7 | 1903 | 0.1 | 1921 | 19.9 | 1951,1992 | 1.0 | 1943 |
| 11.5 | 1978 | 0.2 | $1976+$ | 19.7 | 1916 | 1.2 | 1989 |
| 11.1 | 1962 | 0.4 | 1923 | 18.3 | 1982 | 1.3 | 1931 |
| Mean Snowfall |  |  | 5.3 | Mean Snowfall |  |  |  |

+ Last of several occurrences

GREATEST DAILY SNOWFALL

|  | January |  | February |  | March |  | April |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 | 4.0 | 1907 | 3.8 | 1910 | 3.8 | 1976 | 3.9 | 1956 |
| 2 | 6.0 | 1923 | 5.4 | 1907 | 8.2 | 1985 | 8.9 | 1955 |
| 3 | 4.1 | 1971 | 5.0 | 1916 | 4.5 | 1945 | 3.4 | 1983 |
| 4 | 5.5 | 1982 | 4.2 | 1946 | 5.0 | 1990 | 1.5 | 1936 |
| 5 | 7.1 | 1940 | 3.0 | 1929 | 5.7 | 1947 | 14.0 | 1921 |
| 6 | 3.9 | 1940 | 4.7 | 1937 | 3.9 | 1991 | 4.9 | 1957 |
| 7 | 4.2 | 1971 | 4.3 | 1937 | 2.5 | 1922 | 1.7 | 1937 |
| 8 | 3.8 | 1957 | 10.0 | 1909 | 6.6 | 1901 | 6.0 | 1900 |
| 9 | 5.5 | 1936 | 5.0 | 1909 | 2.8 | 1962 | 10.0 | 1929 |
| 10 | 4.5 | 1904 | 5.7 | 1984 | 2.5 | 1952 | 7.0 | 1974 |
| 11 | 7.0 | 1916 | 7.0 | 1922 | 5.5 | 1973 | 7.5 | 1927 |
| 12 | 4.2 | 1970 | 7.0 | 1919 | 4.6 | 1906 | 3.5 | 1927 |
| 13 | 5.0 | 1932 | 4.2 | 1900 | 8.0 | 1906 | 2.0 | 1912 |
| 14 | 6.2 | 1906 | 3.5 | 1984 | 5.0 | 1923 | 2.2 | 1970 |
| 15 | 3.5 | 1939 | 5.6 | 1940 | 2.5 | 1917 | 7.0 | 1917 |
| 16 | 4.2 | 1910 | 5.7 | 1984 | 2.5 | 1970 | 2.0 | 1991 |
| 17 | 7.8 | 1950 | 2.5 | 1994 | 4.6 | 1971 | 7.0 | 1920 |
| 18 | 5.2 | 1935 | 4.0 | 1917 | 3.9 | 1968 | 3.0 | 1991 |
| 19 | 5.1 | 1962 | 3.0 | 1976 | 3.8 | 1989 | 4.0 | 1912 |
| 20 | 6.0 | 1962 | 4.1 | 1985 | 4.0 | 1938 | 4.4 | 1911 |
| 21 | 2.5 | 1982 | 3.5 | 1919 | 6.0 | 1924 | 3.6 | 1909 |
| 22 | 4.5 | 1929 | 6.0 | 1917 | 2.0 | 1973 | 3.0 | 1964 |
| 23 | 3.0 | 1917 | 5.0 | 1920 | 12.6 | 1919 | 6.8 | 1964 |
| 24 | 4.5 | 1954 | 2.5 | 1960 | 2.6 | 1907 | 5.2 | 1961 |
| 25 | 5.0 | 1956 | 6.1 | 1955 | 4.1 | 1948 | 3.5 | 1976 |
| 26 | 4.4 | 1956 | 3.0 | 1919 | 2.0 | $1913+$ | 7.4 | 1976 |
| 27 | 5.0 | 1968 | 6.4 | 1916 | 3.5 | 1905 | 4.6 | 1976 |
| 28 | 7.5 | 1916 | 4.0 | 1906 | 3.3 | 1982 | 4.0 | 1937 |
| 29 | 6.5 | 1929 | 4.7 | 1976 | 1.2 | 1936 | 1.5 | 1967 |
| 30 | 4.4 | 1950 |  |  | 4.5 | 1905 | 6.2 | 1967 |
| 31 | 6.0 | 1902 |  |  | 7.4 | 1936 |  |  |

+ Last of several occurrences

GREATEST DAILY SNOWFALL (CONT.)

|  | May |  | June |  | July |  | August |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 | 2.6 | 1988 | T | 1971+ |  |  |  |  |
| 2 | 0.7 | 1942 | T | 1943 | T | 1921 |  |  |
| 3 | 0.5 | 1991 |  |  |  |  |  |  |
| 4 | 4.6 | 1975 |  |  |  |  |  |  |
| 5 | 1.5 | 1938 | 1.0 | 1914 |  |  |  |  |
| 6 | 0.4 | 1986 |  |  |  |  |  |  |
| 7 | 1.0 | 1981 | 1.0 | 1924 |  |  |  |  |
| 8 | 1.6 | 1990 |  |  |  |  |  |  |
| 9 | 0.3 | 1948 |  |  |  |  |  |  |
| 10 | 0.7 | 1991 | T | 1954 |  |  |  |  |
| 11 | 5.2 | 1983 |  |  |  |  |  |  |
| 12 | 0.5 | 1989 | T | 1917 |  |  |  |  |
| 13 | 0.2 | 1942 | T | 1976 |  |  |  |  |
| 14 | 0.2 | 1916 | 0.2 | 1981 |  |  |  |  |
| 15 | 0.2 | 1983+ | T | 1955+ |  |  |  |  |
| 16 | 1.1 | 1977 |  |  |  |  |  |  |
| 17 | 5.0 | 1903 |  |  |  |  |  |  |
| 18 | 7.2 | 1903 | T | 1949 |  |  |  |  |
| 19 | 0.1 | 1975 | T | 1975 |  |  |  |  |
| 20 | 0.2 | 1975 |  |  |  |  |  |  |
| 21 | 0.2 | 1953 | T | 1916 |  |  |  |  |
| 22 | T | $1966+$ |  |  |  |  |  |  |
| 23 | T | 1944 |  |  |  |  |  |  |
| 24 | T | 1980+ |  |  |  |  |  |  |
| 25 | T | 1980+ |  |  |  |  |  |  |
| 26 | T | 1954+ |  |  |  |  |  |  |
| 27 | T | 1982+ |  |  |  |  |  |  |
| 28 | T | 1982+ |  |  |  |  |  |  |
| 29 |  |  |  |  |  |  |  |  |
| 30 | 0.5 | 1937 |  |  |  |  |  |  |
| 31 | 0.8 | 1955 |  |  |  |  |  |  |

+ Last of several occurrences


## GREATEST DAILY SNOWFALL (CONT.)

|  | September |  | October |  | November |  | December |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Amount | Year | Amount | Year | Amount | Year | Amount | Year |
| 1 |  |  | 6.6 | 1971 | 3.4 | 1991 | 9.5 | 1982 |
| 2 |  |  | T | 1971+ | 2.3 | 1938 | 5.0 | 1921 |
| 3 |  |  | T | 1969+ | 4.4 | 1973 | 6.9 | 1983 |
| 4 |  |  | T | 1957+ | 1.8 | 1956 | 4.2 | 1994+ |
| 5 |  |  | 0.5 | 1912 | 1.0 | 1947 | 4.0 | 1920 |
| 6 |  |  | 0.5 | 1913 | 4.5 | 1920 | 1.9 | 1972 |
| 7 | T | 1971 | 1.4 | 1985 | 1.7 | 1986 | 12.0 | 1919 |
| 8 |  |  | T | 1973+ | 8.2 | 1903 | 7.2 | 1983 |
| 9 |  |  | 0.5 | 1949+ | 1.4 | 1911 | 3.0 | 1932 |
| 10 |  |  | 0.3 | 1913 | 3.5 | 1911 | 4.0 | 1922 |
| 11 | T | 1903 | 0.2 | 1928 | 5.0 | 1978 | 4.0 | 1907+ |
| 12 | 0.5 | 1914 | 3.5 | 1899 | 4.0 | 1985 | 6.0 | 1926 |
| 13 | 0.5 | 1914 | 0.9 | 1966 | 1.0 | 1903 | 4.4 | 1990 |
| 14 |  |  | 1.1 | 1984 | 4.2 | 1971 | 3.1 | 1963 |
| 15 | T | 1914 | 8.0 | 1980 | 3.1 | 1971+ | 1.1 | 1933 |
| 16 | 1.5 | 1965 | 0.3 | 1938 | 7.5 | 1930 | 3.5 | 1899 |
| 17 | 0.5 | 1965 | 2.2 | 1984 | 3.5 | 1931 | 7.0 | 1930 |
| 18 | T | 1978+ | 4.8 | 1971 | 5.0 | 1941 | 1.8 | 1968 |
| 19 | 1.0 | 1983 | 9.0 | 1920 | 2.3 | 1902 | 3.4 | 1967 |
| 20 | T | 1968 | 5.2 | 1920 | 6.9 | 1992 | 2.5 | 1934 |
| 21 | T | 1968+ | 6.5 | 1953 | 4.8 | 1900 | 4.6 | 1963 |
| 22 | T | 1931+ | 6.3 | 1975 | 3.5 | 1982 | 3.2 | 1987 |
| 23 | T | 1961+ | 1.5 | 1923 | 3.4 | 1934 | 5.2 | 1951 |
| 24 | T | 1970+ | 3.0 | 1954 | 4.7 | 1985 | 3.1 | 1983 |
| 25 | T | 1934 | 1.1 | 1954 | 3.2 | 1985 | 10.8 | 1988 |
| 26 | 0.2 | 1924 | 0.2 | 1919 | 3.5 | 1948 | 4.8 | 1971 |
| 27 |  |  | 2.2 | 1946 | 4.0 | 1928 | 2.7 | 1982 |
| 28 | 1.2 | 1902 | 7.1 | 1989 | 4.3 | 1934 | 3.3 | 1972 |
| 29 | T | 1961 | 2.0 | 1973 | 3.0 | 1991 | 7.4 | 1992 |
| 30 | T | 1982 | 2.1 | 1909 | 2.1 | 1948 | 4.6 | 1934 |
| 31 |  |  | 1.6 | 1956 |  |  | 5.3 | 1959 |

+ Last of several occurrences


## GREATEST 24-HOUR SNOWFALL BY MONTH

| January |  |  | February |  |  | March |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date | Year | Amount | Date | Year | Amount | Date | Year |
| 10.1 | $17-18$ | 1950 | 10.0 | 8 | 1909 | 14.6 | $23-24$ | 1916 |
| 9.3 | $4-5$ | 1982 | 7.5 | $21-22$ | 1917 | 8.4 | $1-2$ | 1985 |
| 9.0 | $19-20$ | 1962 | 7.2 | $6-7$ | 1937 | 8.0 | $31-4 / 1$ | $1936+$ |
| 8.9 | $5-6$ | 1940 | 7.0 | 11 | $1922+$ | 7.3 | $4-5$ | $1990+$ |
| 8.1 | $10-11$ | 1993 | 6.4 | $16-17$ | 1984 | 6.6 | 8 | 1901 |

+ Last of several occurrences

| April |  |  | May |  |  | June |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date | Year | Amount | Date | Year | Amount | Date | Year |
| 14.0 | 5 | 1921 | 7.2 | 18 | 1903 | 1.0 | 7 | $1924+$ |
| 10.0 | $25-26$ | $1976+$ | 5.2 | 11 | 1983 | 0.2 | 14 | 1981 |
| 9.0 | $22-23$ | 1964 | 5.0 | 17 | 1903 |  |  |  |
| 8.9 | 2 | 1955 | 4.6 | 4 | 1975 |  |  |  |
| 7.9 | $9-10$ | 1974 | 2.6 | 1 | 1988 |  |  |  |

+ Last of several occurrences

| July |  |  | August |  |  | September |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount | Date | Year | Amount | Date | Year | Amount | Date | Year |
| T | 2 | 1921 | None on Record |  |  | 1.5 | 16 | 1965 |
|  |  |  |  |  |  | 1.2 | 28 | 1902 |
|  |  |  |  |  |  | 1.0 | 19 | $1983+$ |
|  |  |  |  |  |  | 0.2 | 26 | 1924 |

+ Last of several occurrences

GREATEST 24-HOUR SNOWFALL BY MONTH (CONT.)

| October |  |  | November |  |  | December |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 24 Hour <br> Snowfall | Date | Year | 24 Hour <br> Snowfall | Date | Year | 24 Hour <br> Snowfall | Date | Year |
| 9.0 | 19 | 1920 | 8.2 | 8 | 1903 | 12.0 | 7 | 1919 |
| 8.0 | 15 | 1980 | 7.8 | $19-20$ | 1992 | 10.8 | 25 | 1988 |
| 7.1 | 28 | 1989 | 7.5 | 16 | 1930 | 9.5 | 1 | $1982+$ |
| 7.0 | 28 | 1961 | 7.3 | $24-25$ | 1985 | 8.5 | $3-4$ | 1983 |
| 6.6 | 1 | 1971 | 6.8 | $14-15$ | 1971 | 8.4 | $23-24$ | 1951 |

+ Last of several occurrences


## GREATEST SNOW DEPTH

| Month | Amount | Date | Year |
| :---: | :---: | :---: | :---: |
| January | $21^{*}$ | $31^{*}$ | $1949^{*}$ |
| February | 20 | 1 | 1949 |
| March | 13 | 11 | $1964+$ |
| April | 13.5 | 5 | 1921 |
| May | 1 | 31 | 1955 |
| June | T | 15 | $1955+$ |
| September | 1 | 17 | 1965 |
| October | 7 | 15 | $1980+$ |
| November | 10 | 30 | $1985+$ |
| December | 14 | 27 | $1990+$ |

+ Last of several occurrences
* All-time greatest snow depth


## EARLIEST, LATEST AND AVERAGE DATES OF FIRST AND LAST MEASURABLE SNOWFALL INCLUDING AMOUNTS

|  | First Snowfall |  | Last Snowfall |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Date | Amount | Date | Amount |
| Earliest | September 12, 1915 | 0.5 | March 5, 1940 | 1.4 |
| Latest | December 18, 1959 | 0.2 | June 14, 1981 | 0.2 |
| Average | October 30 |  | April 26 |  |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH A TRACE OR MORE OF SNOWFALL

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 28 | February 5 to March 5 | 1993 |
| 27 | November 25 to December 21 | 1992 |
| 24 | January 20 to February 12 | 1985 |
| 23 | January 25 to February 16 | 1949 |
| 21 | February 17 to March 9 | 1919 |
|  | January 10 to January 30 | 1958 |

GREATEST NUMBER OF CONSECUTIVE DAYS WITH 0.1 INCHES OR MORE OF SNOWFALL

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 13 | December 25 to January 6 | $1936-1937$ |
| 11 | December 16 to December 26 | 1968 |
|  | February 15 to February 25 | 1993 |
| 10 | January 11 to January 20 | 1930 |
|  | January 21 to January 30 | 1958 |
|  | December 18 to December 27 | 1983 |
| 9 | November 8 to November 16 | 1903 |
| 8 | December 19 to December 26 | 1916 |
|  | February 17 to February 24 | 1994 |

## GREATEST NUMBER OF CONSECUTIVE DAYS WITH <br> 1.0 INCHES OR MORE OF SNOWFALL

| Number of Days | Period | Year |
| :---: | :---: | :---: |
| 7 | February 19 to February 25 | 1993 |
| 5 | January 15 to January 19 | 1935 |
| 4 | February 1 to February 4 | 1922 |
| 3 | December 4 to December 6 | $1994+$ |

+ Last of several occurrences


## MAXIMUM, MINIMUM AND AVERAGE NUMBER OF DAYS WITH MEASURABLE SNOWFALL

| Month | Maximum | Year | Minimum | Year | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
| September | 2 | 1965 | 0 | $1994+$ | 0.1 |
| October | 7 | 1920 | 0 | $1994+$ | 1.2 |
| November | 16 | 1985 | 0 | $1969+$ | 4.3 |
| December | 23 | 1983 | 1 | $1976+$ | 8.5 |
| January | 18 | $1979+$ | 2 | $1946+$ | 9.6 |
| February | 18 | 1936 | 2 | $1991+$ | 7.8 |
| March | 17 | 1938 | 1 | $1994+$ | 6.1 |
| April | 13 | 1970 | 0 | $1990+$ | 3.3 |
| May | 4 | $1938+$ | 0 | $1994+$ | 0.8 |
| June | 1 | $1981+$ | 0 | $1994+$ | $*$ |
| Season\# | 84 | $1992-1993$ | 22 | $1958-1959$ | 41.3 |

+ Last of several occurrences
\# Season Begins July 1 and ends June 30
* Less than 0.05 but greater than zero

Averages computed over entire period of record

MAXIMUM, MINIMUM AND AVERAGE NUMBER OF DAYS WITH 1.0 INCHES OR MORE OF AND 3.0 INCHES OR MORE OF SNOWFALL

|  | 1.0 Inches or More (1939-1994) |  | 3.0 Inches or More (1951-1994) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Maximum | Year | Average | Maximum | Year | Average |
| September | 1 | $1983+$ | $*$ | 0 | none | 0 |
| October | 3 | 1949 | 0.5 | 2 | $1971+$ | 0.2 |
| November | 10 | 1985 | 1.8 | 3 | 1985 | 0.4 |
| December | 12 | 1983 | 2.9 | 3 | 1983 | 0.6 |
| January | 11 | 1993 | 3.2 | 3 | $1993+$ | 0.7 |
| February | 9 | 1993 | 2.3 | 3 | 1984 | 0.4 |
| March | 7 | $1982+$ | 2.2 | 2 | $1991+$ | 0.3 |
| April | 6 | 1970 | 1.2 | 3 | 1976 | 0.4 |
| May | 1 | $1990+$ | 0.1 | 1 | $1983+$ | $*$ |
| Season\# | 30 | $1992-1993+$ | 11.6 | 9 | $1992-1993$ | 3.4 |

+ Last of several occurrences
\# Season begins July 1 and ends June 30
* Less than 0.5 but greater than zero

Averages computed over entire period of record

## MISCELLANEOUS CLIMATE DATA

## GREATEST AND AVERAGE NUMBER OF DAYS WITH THUNDERSTORMS AND HAIL

| Month | Thunderstorms |  |  | Hail |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Greatest | Year | Average | Greatest | Year | Average\# |
| January | 2 | 1911 | 0.1 | -1 | $1980+$ | $*$ |
| February | 1 | $1994+$ | 0.2 | 2 | 1906 | 0.1 |
| March | 2 | $1991+$ | 0.4 | 4 | $1938+$ | 0.3 |
| April | 8 | 1915 | 1.0 | 4 | $1932+$ | 0.6 |
| May | 9 | $1963+$ | 3.5 | 7 | 1921 | 0.8 |
| June | 14 | 1967 | 4.7 | 3 | $1947+$ | 0.4 |
| July | 14 | $1936+$ | 5.6 | 3 | 1930 | 0.4 |
| August | 13 | $1945+$ | 5.1 | 3 | 1922 | 0.3 |
| September | 11 | $1940+$ | 2.6 | 1 | $1986+$ | 0.2 |
| October | 5 | $1938+$ | 0.6 | 2 | $1939+$ | 0.1 |
| November | 1 | $1992+$ | 0.1 | 1 | 1992 | $*$ |
| December | 1 | $1988+$ | 0.1 | 2 | 1906 | $*$ |
| Annual | 56 | 1925 | 23.9 | 15 | 1921 | 3.8 |

+ Last of several occurrences
* Less than 0.05 but greater than zero
\# Average computed over entire period of record

GREATEST, LEAST AND AVERAGE PERCENT OF POSSIBLE SUNSHINE

| Month | Greatest | Year | Least | Year | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
| January | 76 | 1961 | 17 | $1954+$ | 40 |
| February | 74 | $1908+$ | 30 | $1993+$ | 53 |
| March | 83 | 1965 | 33 | 1907 | 61 |
| April | 89 | 1977 | 41 | $1920+$ | 66 |
| May | 91 | 1924 | 45 | 1942 | 68 |
| June | 94 | 1919 | 53 | $1963+$ | 75 |
| July | 97 | 1963 | 63 | 1913 | 83 |
| August | 95 | 1944 | 59 | 1926 | 81 |
| September | 94 | 1974 | 55 | 1909 | 79 |
| October | 91 | 1958 | 39 | 1919 | 70 |
| November | 83 | 1907 | 20 | 1973 | 47 |
| December | 73 | 1976 | 15 | 1951 | 40 |
| Annual | 72 | 1976 | 53 | 1920 | 64 |

+ Last of several occurrences


## MOST, LEAST AND AVERAGE NUMBER OF CLEAR, PARTLY CLOUDY AND CLOUDY DAYS

|  | Clear |  |  | Partly Cloudy |  |  | Cloudy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Most/ Year | Least/ Year | Avg. | Most/ Year | Least/ Year | Avg. | Most / Year | Least/ Year | Avg. |
| Jan. | $\begin{gathered} 13 \\ 1919+ \end{gathered}$ | $\begin{gathered} 0 \\ 1982+ \end{gathered}$ | 2.7 | $\begin{gathered} 16 \\ 1904 \end{gathered}$ | $\begin{gathered} 1 \\ 1967+ \end{gathered}$ | 6.7 | $\begin{gathered} 29 \\ 1967 \end{gathered}$ | $\begin{gathered} 8 \\ 1908 \end{gathered}$ | 21.6 |
| Feb. | $\begin{gathered} 18 \\ 1905 \end{gathered}$ | $\begin{gathered} 0 \\ 1940+ \end{gathered}$ | 4.0 | $\begin{gathered} 17 \\ 1960 \end{gathered}$ | $\begin{gathered} 2 \\ 1979+ \end{gathered}$ | 6.3 | $\begin{gathered} 25 \\ 1979+ \end{gathered}$ | $\begin{gathered} 4 \\ 1905 \end{gathered}$ | 18.0 |
| Mar. | $\begin{gathered} 17 \\ 1911 \end{gathered}$ | $\begin{gathered} 1 \\ 1993+ \end{gathered}$ | 5.1 | $\begin{gathered} 20 \\ 1902 \end{gathered}$ | $\begin{gathered} 2 \\ 1983 \end{gathered}$ | 8.2 | $\begin{gathered} 28 \\ 1983 \end{gathered}$ | $\begin{gathered} 5 \\ 1911+ \end{gathered}$ | 17.6 |
| Apr. | $\begin{gathered} 20 \\ 1908 \end{gathered}$ | $\begin{gathered} 2 \\ 1975+ \end{gathered}$ | 6.3 | $\begin{gathered} 20 \\ 1930 \end{gathered}$ | $\begin{gathered} 3 \\ 1978+ \end{gathered}$ | 7.8 | $\begin{gathered} 25 \\ 1975 \end{gathered}$ | $\begin{gathered} 1 \\ 1908 \end{gathered}$ | 15.9 |
| May | $\begin{gathered} 20 \\ 1900 \end{gathered}$ | $\begin{gathered} 2 \\ 1980 \end{gathered}$ | 7.5 | $\begin{gathered} 19 \\ 1904 \end{gathered}$ | $\begin{gathered} 5 \\ 1963 \end{gathered}$ | 9.9 | $\begin{gathered} 21 \\ 1962 \end{gathered}$ | $\begin{gathered} 2 \\ 1924 \end{gathered}$ | 13.6 |
| June | $\begin{gathered} 22 \\ 1919+ \end{gathered}$ | $\begin{gathered} 4 \\ 1913 \end{gathered}$ | 11.8 | $\begin{gathered} 19 \\ 1927 \end{gathered}$ | $\begin{gathered} 4 \\ 1986 \end{gathered}$ | 9.6 | $\begin{gathered} 17 \\ 1964 \end{gathered}$ | $\begin{gathered} 0 \\ 1910 \end{gathered}$ | 8.6 |
| July | $\begin{gathered} 26 \\ 1935 \end{gathered}$ | $\begin{gathered} 7 \\ 1940 \end{gathered}$ | 17.4 | $\begin{gathered} 20 \\ 1904 \end{gathered}$ | $\begin{gathered} 4 \\ 1952+ \end{gathered}$ | 8.9 | $\begin{gathered} 13 \\ 1985 \end{gathered}$ | $\begin{gathered} 0 \\ 1911+ \end{gathered}$ | 4.6 |
| Aug. | $\begin{gathered} 28 \\ 1944 \end{gathered}$ | $\begin{gathered} 8 \\ 1979+ \end{gathered}$ | 15.4 | $\begin{gathered} 18 \\ 1915+ \end{gathered}$ | $\begin{gathered} 3 \\ 1944 \end{gathered}$ | 10.6 | $\begin{gathered} 13 \\ 1968 \end{gathered}$ | $\begin{gathered} 0 \\ 1967+ \end{gathered}$ | 5.0 |
| Sept. | $\begin{gathered} 24 \\ 1975 \end{gathered}$ | $\begin{gathered} 6 \\ 1986 \end{gathered}$ | 15.2 | $\begin{gathered} 17 \\ 1968 \end{gathered}$ | $\begin{gathered} 2 \\ 1933 \end{gathered}$ | 8.1 | $\begin{gathered} 16 \\ 1959+ \end{gathered}$ | $\begin{gathered} 1 \\ 1979+ \end{gathered}$ | 6.7 |
| Oct. | $\begin{gathered} 23 \\ 1937 \end{gathered}$ | $\begin{gathered} 3 \\ 1957+ \end{gathered}$ | 12.0 | $\begin{gathered} 19 \\ 1909 \end{gathered}$ | $\begin{gathered} 3 \\ 1987+ \end{gathered}$ | 8.3 | $\begin{gathered} 19 \\ 1957 \end{gathered}$ | $\begin{gathered} 1 \\ 1909 \end{gathered}$ | 10.7 |
| Nov. | $\begin{gathered} 19 \\ 1936 \end{gathered}$ | $\begin{gathered} 0 \\ 1988+ \end{gathered}$ | 5.1 | $\begin{gathered} 15 \\ 1974 \end{gathered}$ | $\begin{gathered} 2 \\ 1908 \end{gathered}$ | 7.1 | $\begin{gathered} 25 \\ 1973+ \end{gathered}$ | $\begin{gathered} 1 \\ 1904 \end{gathered}$ | 17.8 |
| Dec. | $\begin{gathered} 13 \\ 1904 \end{gathered}$ | $\begin{gathered} 0 \\ 1993+ \end{gathered}$ | 3.4 | $\begin{gathered} 16 \\ 1929+ \end{gathered}$ | $\begin{gathered} 2 \\ 1983+ \end{gathered}$ | 6.8 | $\begin{gathered} 28 \\ 1983 \end{gathered}$ | $\begin{gathered} 5 \\ 1905 \end{gathered}$ | 20.8 |
| Ann. | $\begin{gathered} 160 \\ 1906+ \end{gathered}$ | $\begin{gathered} 78 \\ 1982 \end{gathered}$ | 105.8 | $\begin{gathered} 159 \\ 1929 \end{gathered}$ | $\begin{gathered} 82 \\ 1975 \end{gathered}$ | 98.4 | $\begin{gathered} 186 \\ 1893 \end{gathered}$ | $\begin{gathered} 62 \\ 1903 \end{gathered}$ | 161.0 |

+ Last of several occurrences

GREATEST AND AVERAGE NUMBER OF DAYS WITH DENSE FOG AND DENSE SMOKE OR HAZE

|  | Dense Fog |  |  | Dense Smoke or Haze\% |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Greatest | Year | Average | Greatest | Year | Average\# |
| January | 10 | 1944 | 4.5 | 9 | 1981 | 1.4 |
| February | 9 | 1977 | 3.3 | 14 | 1977 | 1.3 |
| March | 13 | 1985 | 1.6 | 4 | 1993 | 0.2 |
| April | 3 | $1994+$ | 0.5 | 1 | $1977+$ | 0.1 |
| May | 2 | $1980+$ | 0.3 | 2 | 1980 | 0.1 |
| June | 1 | $1960+$ | $*$ | 0 |  | 0 |
| July | 1 | 1982 | $*$ | 0 |  | 0 |
| August | 0 |  | 0 | 0 |  | 0 |
| September | 2 | $1966+$ | 0.1 | 1 | 1986 | $*$ |
| October | 3 | 1986 | 0.4 | 3 | 1971 | 0.1 |
| November | 6 | 1971 | 1.9 | 3 | 1992 | 0.3 |
| December | 17 | 1985 | 4.4 | 5 | $1992+$ | 0.6 |
| Annual | 40 | 1985 | 17.0 | 25 | 1993 | 4.1 |

+ Last of several occurrences
\% Period of record 1951-1994
* Less than 0.05 but greater than zero
\# Average computed over entire period of record
For example: March averages two occurrences of dense smoke of haze every 10 years.


## HIGHEST, LOWEST AND MEAN AVERAGE WIND SPEED AND PEAK WIND

|  | Average Wind Speed |  |  |  |  | Peak Wind |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Highest | Year | Lowest | Year | Mean | Speed | Dir. | Date | Year |
| January | 14.3 | 1972 | 5.5 | 1985 | 10.6 | 68 | W | 6 | 1990 |
| February | 15.1 | 1956 | 6.1 | $1941+$ | 10.6 | 60 | S | 8 | 1985 |
| March | 15.9 | 1955 | 5.3 | 1906 | 11.2 | 72 | W | 24 | 1955 |
| April | 15.3 | 1960 | 6.5 | 1952 | 11.6 | 61 | N | 19 | $1994+$ |
| May | 14 | 1960 | 6.7 | 1915 | 10.5 | 61 | S | 6 | $1994+$ |
| June | 13.7 | 1960 | 6.7 | 1931 | 10.1 | 55 | SW | 12 | 1986 |
| July | 11.6 | 1959 | 6.2 | 1915 | 9.1 | 66 | W | 4 | 1986 |
| August | 13 | 1959 | 5.5 | 1915 | 8.9 | 68 | SW | 26 | 1985 |
| September | 12.9 | 1959 | 6.3 | 1952 | 9.1 | 57 | W | 1 | 1961 |
| October | 13.1 | 1959 | 5.3 | 1907 | 9.3 | 54 | SW | 20 | $1966+$ |
| November | 16.3 | 1955 | 4.9 | 1952 | 10.3 | 67 | W | 10 | 1955 |
| December | 15.8 | 1955 | 5.6 | 1985 | 9.9 | 57 | NW | 15 | 1981 |
| Annual | 13 | 1959 | 7 | 1931 | 10.1 | 72 | W | Mar. 24,1955 |  |

+ Last of several occurrences
Note: The Direction of all mean average wind speeds is from the southwest.

HIGHEST AND LOWEST SEA LEVEL PRESSURE BY MONTH

| Month | Highest | Year | Lowest | Year |
| :---: | :---: | :---: | :---: | :---: |
| January | $31.13^{*}$ | 1979 | $29.06 \#$ | 1916 |
| February | 30.92 | 1910 | 29.18 | 1936 |
| March | 30.85 | 1951 | 29.07 | 1906 |
| April | 30.72 | 1939 | 29.18 | 1937 |
| May | 30.53 | 1970 | 29.29 | 1922,1988 |
| June | 30.56 | 1917 | 29.17 | 1950 |
| July | 30.37 | 1945,1959 | 29.32 | 1986 |
| August | 30.40 | 1908 | 29.36 | 1944 |
| September | 30.58 | 1970 | 29.29 | 1986 |
| October | 30.74 | 1935 | 29.28 | 1935 |
| November | 31.03 | 1979 | $29.06 \#$ | 1982 |
| December | 31.04 | 1990 | $29.06 \#$ | 1982 |

[^4]MOST, LEAST AND AVERAGE NUMBER OF HEATING DEGREE DAYS

| Month | Most | Year | Least | Year | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
| July | 136 | 1993 | 0 | $1990+$ | 9 |
| August | 143 | 1968 | 0 | $1982+$ | 29 |
| September | 393 | 1965 | 38 | 1938 | 218 |
| October | 720 | 1919 | 293 | 1933 | 527 |
| November | 1143 | 1985 | 664 | $1928+$ | 882 |
| December | 1657 | 1985 | 773 | 1917 | 1249 |
| January | 1867 | 1949 | 885 | 1953 | 1293 |
| February | 1387 | 1964 | 682 | 1934 | 1005 |
| March | 1192 | 1917 | 544 | 1934 | 890 |
| April | 771 | 1970 | 319 | 1934 | 603 |
| May | 500 | 1908 | 118 | 1934 | 353 |
| June | 246 | 1945 | 6 | 1977 | 125 |
| Annual | 8244 | $1916-1917$ | 4784 | $1933-1934$ | 7180 |

+ Last of several occurrences
Note: Heating degree day season runs from July 1 through June 30


## MOST, LEAST AND AVERAGE NUMBER OF COOLING DEGREE DAYS (1969-1995)

| Month | Most | Year | Least | Year | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 3 | 1980 | 0 | $1995+$ | 0 |
| May | 17 | 1986 | 0 | $1995+$ | 0 |
| June | 181 | 1988 | 12 | 1991 | 56 |
| July | 290 | 1975 | 24 | 1993 | 183 |
| August | 237 | 1991 | 57 | 1993 | 144 |
| September | 79 | 1990 | 2 | 1993 | 38 |
| October | 4 | 1975 | 0 | $1994+$ | 0 |
| Annual | 598 | 1988 | 103 | 1993 | 421 |

## + Last of several occurrences

Note: Cooling degree day season runs from January 1 through December 31

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[^0]:    + Last of several occurrences

[^1]:    + Last of several occurrences

[^2]:    * Less than 0.05 but greater than zero

    For example: December averages one occurrence of 0 degrees or lower every 10 years.

[^3]:    + Last of several occurrences

[^4]:    * Highest of all time
    \# Lowest of all time

