



**NOAA TECHNICAL MEMORANDUM  
NWS WR-242**

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**CLIMATE OF POCATELLO, IDAHO**

**Joe Heim  
National Weather Service Office  
Pocatello, ID**

**October 1996**

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**U.S. DEPARTMENT  
OF COMMERCE**

National Oceanic and  
Atmospheric Administration

National Weather  
Service



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**Joe Heim  
National Weather Service Office  
Pocatello, Idaho**

**October 1996**

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# CLIMATE OF POCATELLO, IDAHO

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NWSO Pocatello, ID

## 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. Sub-zero 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 mid-October. 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**

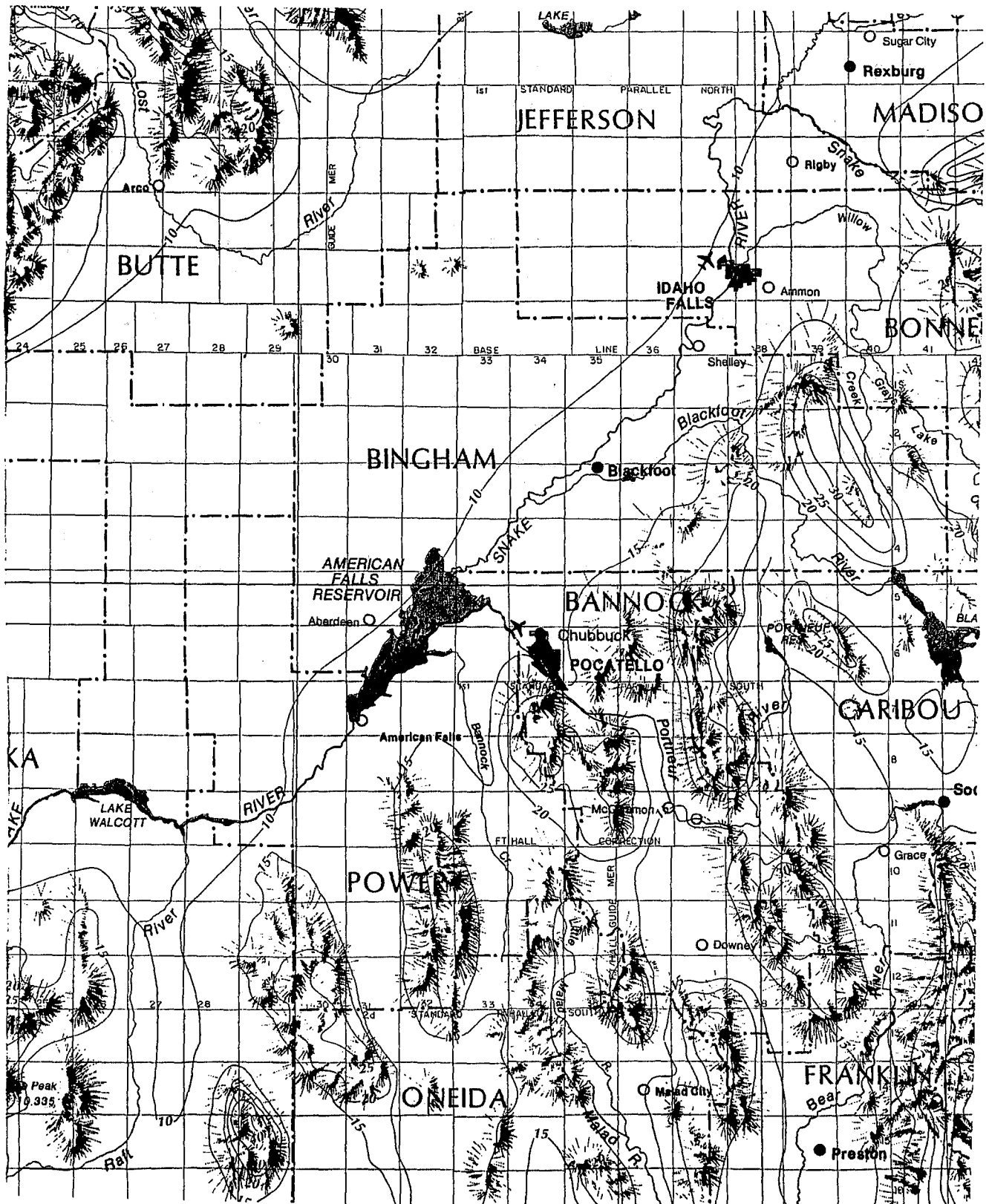
The period of record for all daily and monthly statistics is July 1, 1899 through December 31, 1995. The time for all daily records are from Midnight Mountain Standard Time (MST) to Midnight MST. Daily snowfall statistics before January 1, 1943 are from 6PM MST the previous day to 6PM MST the current 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, 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 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. south of previous location. 42 52' N, 112 29' W. Elevation 4468 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 32' W. Elevation 4462 ft.
5-17-1949	12-18-1951	Pocatello Municipal Airport, Phillips Field. 2.5 miles west of 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 Phillips Field 5-8-56. Elevation corrected to 4454 ft 9-15-63.
3-22-1995	Present	National Weather Service. 1320 Beechcraft St. Approximately 1000 ft. southwest of previous location. Elevation 4451 ft.



# MAP OF AREA



# TEMPERATURE STATISTICS

## DAILY NORMAL TEMPERATURES

Day	January		February		March		April		May		June	
	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.)**

Day	July		August		September		October		November		December	
	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

## 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

+ Last of several occurrences



## 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

+ Last of several occurrences

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

Month	Highest			Lowest			Normal
	Temp.	Date	Year	Temp	Date	Year	
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**

Month	Highest			Lowest			Normal
	Temp	Date	Year	Temp	Date	Year	
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				33.4			

+ Last of several occurrences

# All Time Highest

% All Time Lowest

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

Month	Highest		Lowest		Normal
	Temp.	Year	Temp.	Year	
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**

Month	Highest		Lowest		Normal
	Temp.	Year	Temp.	Year	
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		29.1	

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 1953, 1995	27.6	1993	34.5	1958	17.2	1930
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		35.6		Normal Mean		24.8	

### HIGHEST, LOWEST AND NORMAL SEASONAL AVERAGE TEMPERATURES

Winter (December, January and February)				Spring (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 1939, 1947	43.3	1906, 1920 1965
31.0	1994-1995	21.1	1932-1933	48.4	1930	43.5	1933, 1953
Normal Mean		25.7		Normal Mean		44.9	

Summer (June, July and August)				Fall (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 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 June 19 to June 25 July 25 to July 31	1939 1988 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 1913, 1914, 1993
23	1974	1	1904, 1930, 1952
21	1961, 1988	2	1902, 1903, 1908 1915, 1916, 1923 1938, 1948
20	1990, 1994	3	1909, 1910, 1921 1924, 1927, 1941 1957, 1962, 1965 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, 1964, 1985
11	July 1974, 1994 August 1940
10	July 1940, 1974, 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 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 December 8 to December 30	1929 1985
22	January 3 to January 22	1922
20	December 11 to December 30 January 25 to February 13 January 3 to January 22	1914 1923 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 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 December 21 to December 23	1972 1983
2	December 18 to December 19 January 31 to February 1	1924 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

\* Less than 0.05 but greater than zero

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

**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 July 25 to July 29	1925 1937
4	July 10 to July 13 July 9 to July 12 July 14 to July 17 July 28 to July 31 August 7 to August 10	1901 1921 1928 1934 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 August 1929
6	July 1926, 1933 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 August 1922
16	July 1931, 1934, 1937 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 January 23 to January 31	1917 1949
8	December 23 to December 30 December 8 to December 15 January 5 to January 12 January 30 to February 6	1930 1932 1977 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 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 Days	Average Number of Days	Least Number of Days
32 degrees or less	Apr 25 - Oct 16 1963 174 Days	123 Days	Jun 21 - Sep 4 1989 75 Days
28 degrees or less	Apr 16 - Oct 27 1979 194 Days	156 Days	May 31 - Sep 20 1978 112 Days
24 degrees or less	Mar 14 - Oct 26 1993 226 Days	187 Days	May 23 - Oct 10 1966 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		1.04		Normal Precipitation		0.92	

**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 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 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 1964	3.17	1938	T	1917, 1958
2.72	1926	.01	1916	3.03	1923	.02	1965
2.68	1925	.02	1938, 1951 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 1959	2.95	1964	.20	1912, 1976 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 (December, January and February)				Spring (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 1941-1942	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		3.07		Normal		3.81	

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

Summer (June, July and August)				Fall (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		2.34		Normal		2.92	



**GREATEST DAILY PRECIPITATION (CONT.)**

Day	May		June		July		August	
	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

**GREATEST DAILY PRECIPITATION (CONT)**

Day	September		October		November		December	
	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

### 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)**

Month	Greatest		Fewest		Average
	Days	Year	Days	Year	
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

+ Last of several occurrences

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

Month	Greatest		Fewest		Average
	Days	Year	Days	Year	
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)**

Month	0.50 Inches or greater			1.00 Inches or greater		
	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 1983	0.1
October	2	1975+	0.3	1	1961, 1971 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 August 26 to October 12	1901 1987

**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 January 6 to January 19	1961 1971
12	December 25 to January 5	1981-1982
11	January 13 to January 23 December 16 to December 26 February 13 to February 23 February 15 to February 25 February 17 to February 27	1909 1968 1986 1993 1994
10	April 27 to May 6	1995
9	November 8 to November 16 March 17 to March 25 February 17 to February 25 March 30 to April 7 February 4 to February 12 January 22 to January 30 June 2 to June 10	1903 1907 1917 1937 1939 1958 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		5.9		Mean Snowfall		4.4	

+ 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+				
Mean Snowfall		0.6		Mean Snowfall		T	

+ 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 DAILY SNOWFALL

Day	January		February		March		April	
	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.)**

Day	May		June		July		August	
	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.)**

Day	September		October		November		December	
	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 Snowfall	Date	Year	24 Hour Snowfall	Date	Year	24 Hour 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 January 10 to January 30	1919 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 February 15 to February 25	1968 1993
10	January 11 to January 20 January 21 to January 30 December 18 to December 27	1930 1958 1983
9	November 8 to November 16	1903
8	December 19 to December 26 February 17 to February 24	1916 1994

**GREATEST NUMBER OF CONSECUTIVE DAYS WITH  
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**

Month	1.0 Inches or More (1939-1994)			3.0 Inches or More (1951-1994)		
	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**

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

Month	Average Wind Speed				Peak Wind				
	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

\* Highest of all time

# Lowest of all time

**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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- 240 Downslop Winds of Santa Barbara, CA. Gary Ryan, July 1996 (PB96-191697)
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