



Waterloo Climate



1895-Present: February

Compiled by: Craig Cogil

Temperature

Highest Daily Maximum:	71	February 15, 1921
Lowest Daily Maximum:	-16	February 2, 1996
Highest Daily Minimum:	46	February 21, 1930
Lowest Daily Minimum:	-31	February 2 and 3, 1996
Highest Daily Average:	56	February 21, 1930
Lowest Daily Average:	-23	February 2, 1996

Top Ten Warmest

1.	35.2	1954
2.	34.9	1931
3.	34.4	1998
4.	33.0	1930
5.	32.7	1999
6.	32.1	1987
7.	31.1	1992
8.	31.0	1952
9.	30.9	2000
10.	30.5	1927

Top Ten Coldest

1.	4.7	1936
2.	7.3	1978
3.	9.5	1917
4.	9.7	1979
5.	11.9	1895
	11.9	1972
7.	12.0	1905
8.	12.1	1929
9.	12.4	1899
10.	12.8	1989

Number of Years with Max of 70 degrees or Higher:	1	(1% of the years)
Number of Years with Max of 60 degrees or Higher:	14	(12% of the years)
Number of Years with Max of 50 degrees or Higher:	60	(52% of the years)
Number of Years with Max of 40 degrees or Higher:	106	(92% of the years)

All February's have had at least 1 day with a high above freezing. 1978 had the fewest with 1 day.

Number of Years with Min 0 degrees or below:	102	(89% of the years)
Number of Years with Min of -10 degrees or below:	71	(62% of the years)
Number of Years with Min of -20 degrees or below:	22	(19% of the years)
Number of Years with Min of -30 degrees or below	2	(2% of the years)

Precipitation

Wettest Day:	1.80"	February 28, 1948
Highest 3-day total:	2.38"	21 – 23, 1922
Highest 7-day total:	2.66"	16 – 22, 1971
Highest 14 - day total:	2.80"	14 – 27, 1971

Top Ten Wettest

1.	3.68	1915
2.	3.54	1971
3.	2.95	1922
4.	2.88	1911
5.	2.50	1961
6.	2.48	1919
7.	2.46	2008
8.	2.44	1981
9.	2.41	1986
10.	2.30	1928 and 1948

Top Ten Driest

1.	0.02	1969
2.	0.04	1958
	0.04	1968
4.	0.08	1996
5.	0.09	1956
6.	0.12	1995
7.	0.19	1947
8.	0.21	1964
9.	0.25	1923
10.	0.28	1920, 1957 and 1989

Average Number of Days with at least 0.01" of precipitation:	7
Average Number of Days with at least 0.10" of precipitation:	3
Average Number of Days with at least 0.50" of precipitation:	0

Number of Years with at least one day where 0.50" of Precipitation fell:	43	(37% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	10	(9% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	0	(0% of the years)

Snowfall

Snowiest Day:	11.0"	February 6, 1911
Highest 3-day total:	11.6"	20 – 22, 1993

Most Snow on Ground: 25"

February 17 – 20, 1936

Top Ten Snowiest

1. 24.3" 1962
2. 18.1" 2008
3. 15.9" 1983
4. 15.8" 1994
15.8" 1997
6. 15.4" 1972
7. 14.3" 1981
8. 14.1" 1971
9. 13.6" 1993
10. 13.0" 1905

Top Ten Least Snowiest

1. 0.3" 1969
2. 0.4" 1999
3. 0.6" 1958
0.6" 1966
0.6" 1968
6. 0.7" 1934
7. 0.8" 1964
8. 0.9" 1922
0.9" 1995
10. 1.0" 1930 and 1957

Monthly Normals

Average Maximum Temperature	31.9
Average Minimum Temperature	13.2
Average Daily Temperature	22.6
Average Precipitation	1.05"
Average Snowfall	7.3"

If you have any questions or comments, please send them to craig.cogil@noaa.gov.

Waterloo temperature, precipitation and snowfall records all begin in February 1895.