



Waterloo Climate



1895-2020: February

Compiled by: Craig Cogil – Updated 3/24/2020

Temperature

Highest Daily Maximum:	71	February 15, 1921
Lowest Daily Maximum:	-16	February 2, 1996
Highest Daily Minimum:	48	February 20, 2017
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.	33.6	2017
5.	33.0	1930
6.	32.7	1999
7.	32.1	1987
8.	31.1	1992
9.	31.0	1952
10.	30.9	2000

Top Ten Coldest

1.	4.7	1936
2.	7.3	1978
3.	9.2	2014
4.	9.5	1917
5.	9.7	1979
6.	10.9	2015
7.	11.9	1895
	11.9	1972
9.	12.0	1905
10.	12.1	1929

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:	17	(13% of the years)
Number of Years with Max of 50 degrees or Higher:	65	(52% of the years)
Number of Years with Max of 40 degrees or Higher:	116	(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:	111	(88% of the years)
Number of Years with Min of -10 degrees or below:	79	(63% of the years)
Number of Years with Min of -20 degrees or below:	24	(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.	2.65	2019
6.	2.50	1961
7.	2.48	1919
8.	2.46	2008
9.	2.44	1981
10.	2.41	1986

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:	44	(35% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	11	(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.	31.1"	2019
2.	24.3"	1962
3.	20.6"	2014
4.	18.3"	2013
5.	18.1"	2008
6.	16.2"	2010
7.	15.9"	1983
8.	15.8"	1994
	15.8"	1997
10.	15.4"	1972

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	32.2
Average Minimum Temperature	14.6
Average Daily Temperature	23.4
Average Precipitation	0.99"
Average Snowfall	7.4"

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.