



Waterloo Climate



1896-2021: January

Compiled by: Craig Cogil – Updated 9/17/2021

Temperature

Highest Daily Maximum:	65	January 26, 2002
Lowest Daily Maximum:	-15	January 18, 1994
Highest Daily Minimum:	43	January 1, 1897 and January 27, 1944
Lowest Daily Minimum:	-34	January 16, 2009
Highest Daily Average:	52	January 1, 1897 and January 27, 1944
Lowest Daily Average:	-20	January 19, 1970 - January 18, 1994 - January 30, 2019

Top Ten Warmest

1.	31.0	1933
2.	30.8	2006
3.	29.8	2002
4.	29.1	1990
5.	28.7	1944
6.	27.6	1939
7.	27.2	1931
	27.2	1989
9.	27.1	1921
10.	25.6	1908, 1914 and 1934

Top Ten Coldest

1.	0.1	1977
2.	2.7	1978
3.	3.6	1979
	3.6	1982
5.	5.2	1970
6.	5.8	1918
7.	6.8	1963
8.	7.4	1929
	7.4	1994
10.	7.6	1971

Number of Years with Max of 60 degrees or Higher:	4	(3% of the years)
Number of Years with Max of 50 degrees or Higher:	35	(28% of the years)
Number of Years with Max of 40 degrees or Higher:	106	(84% of the years)

Almost all January's have had at least 1 day with a high above freezing. Only the January's of 1977 and 1979 had no highs above 32 degrees.

Number of Years with Min 0 degrees or below:	125	(99% of the years)
Number of Years with Min of -10 degrees or below:	107	(85% of the years)
Number of Years with Min of -20 degrees or below:	50	(40% of the years)
Number of Years with Min of -30 degrees or below	6	(5% of the years)

Precipitation

Wettest Day:	2.04"	January 29, 1909
Highest 3-day total:	2.34"	4 – 6, 1946
Highest 7-day total:	2.34"	1 – 7, 1946
Highest 14 - day total:	2.77"	2 – 15, 1906

Top Ten Wettest

1.	3.02	1946
2.	2.94	1906
3.	2.89	2017
4.	2.78	1949
5.	2.77	1916
6.	2.63	1929
7.	2.61	1909
8.	2.24	2018
9.	2.19	1996
10.	2.10	1932

Top Ten Driest

1.	0.02	1948
2.	0.08	1925
3.	0.10	1962 and 1954
5.	0.15	1928
6.	0.17	1903
7.	0.18	1976 and 1970
9.	0.23	1981
10.	0.26	1972

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:	40	(32% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	9	(7% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	2	(2% of the years)

Snowfall

Snowiest Day:	13.2"	January 3, 1971
Highest 3-day total:	16.0"	2 – 4, 1906
Most Snow on Ground:	24"	January 13 – 17, 1910

Top Ten Snowiest

1.	24.2"	1996
2.	21.7"	2021
3.	21.5"	1999
4.	19.8"	1929
5.	19.2"	2019
6.	18.9"	1906
7.	18.1"	1982
8.	17.2"	1979
9.	16.7"	1994 and 1971

Top Ten Least Snowiest

1.	0.2"	1989 and 1948
3.	0.3"	1933
4.	0.5"	1928
5.	0.8"	1944 and 1925
7.	1.0"	1955
8.	1.1"	1908
9.	1.3"	1903
10.	1.5"	1962 and 1954

Monthly Normals (1991-2020)

Average Maximum Temperature	28.2
Average Minimum Temperature	10.7
Average Daily Temperature	19.4
Average Precipitation	1.10"
Average Snowfall	10.1"

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.