



# Waterloo Climate



## 1896-2018: January

Compiled by: Craig Cogil – Updated 12/13/2018

### 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 and January 18, 1994

#### 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:	33	(26% of the years)
Number of Years with Max of 40 degrees or Higher:	103	(83% 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:	122	(99% of the years)
Number of Years with Min of -10 degrees or below:	104	(84% of the years)
Number of Years with Min of -20 degrees or below:	49	(39% of the years)
Number of Years with Min of -30 degrees or below	5	(4% 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	1954
	0.10	1962
5.	0.15	1928
6.	0.17	1903
7.	0.18	1970
	0.18	1976
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	(1% 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.	21.5"	1999
3.	19.8"	1929
4.	18.9"	1906
5.	18.1"	1982
6.	17.2"	1979
7.	16.7"	1971
	16.7"	1994
9.	16.2"	1949
10.	15.5"	1932

## Top Ten Least Snowiest

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

# Monthly Normals

Average Maximum Temperature	27.4
Average Minimum Temperature	9.5
Average Daily Temperature	18.5
Average Precipitation	0.83"
Average Snowfall	8.2"

If you have any questions or comments, please send them to [craig.cogil@noaa.gov](mailto:craig.cogil@noaa.gov).

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