



Waterloo Climate



1895-2019: September

Compiled by: Craig Cogil – Updated 12/21/2019

Temperature

Highest Daily Maximum:	102	September 6, 1922 and September 7, 1939
Lowest Daily Maximum:	42	September 26, 1942
Highest Daily Minimum:	77	September 7, 1939
Lowest Daily Minimum:	19	September 30, 1899
Highest Daily Average:	90	September 7, 1939
Lowest Daily Average:	36	September 25, 1942

Top Ten Warmest

1.	70.3	1931
2.	69.9	1897
3.	69.5	2019
4.	69.1	1925
5.	69.0	1933
6.	68.7	1939
7.	68.3	2015
8.	68.0	1908
9.	67.7	1906
10.	67.1	1920, 1921 & 1978

Top Ten Coldest

1.	57.0	1975
2.	57.6	1918
3.	57.7	1896
4.	58.0	1949
	58.0	1974
6.	58.1	1924
	58.1	1967
8.	58.2	1993
9.	58.6	1962 & 1965

Number of Years with Max of 100 degrees or Higher:	5	(4% of the years)
Number of Years with Max of 90 degrees or Higher:	71	(57% of the years)
Number of Years with Max of 80 degrees or Higher:	124	(99% of the years)
Number of Years with Min 40 degrees or below:	119	(95% of the years)
Number of Years with Min 32 degrees or below:	57	(46% of the years)
Number of Years with Min 20 degrees or below:	1	(1% of the years)

Precipitation

Wettest Day:	6.00"	September 8, 1941
Highest 3-day total:	7.08"	1 – 3, 2018
Highest 7-day total:	7.74"	1 – 7, 2018
Highest 14 - day total:	10.13"	3 - 16, 1941

Top Ten Wettest

1.	13.35	2018
2.	11.63	1941
3.	11.38	1965
4.	9.76	1914
5.	9.18	1915
6.	9.09	1931
7.	8.33	1926
8.	8.13	1961
9.	8.12	1936
10.	7.91	1978

Top Ten Driest

1.	0.42	1953
2.	0.55	1966
3.	0.61	1952
4.	0.71	2004
5.	0.75	1979
6.	0.79	2017
7.	0.80	1975
8.	0.84	1899
9.	0.87	1999
10.	1.16	1998

Average Number of Days with at least 0.01" of precipitation:	9
Average Number of Days with at least 0.10" of precipitation:	6
Average Number of Days with at least 0.50" of precipitation:	2

Number of Years with at least one day where 0.50" of Precipitation fell:	113	(90% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	77	(62% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	24	(19% of the years)

Snowfall

It has snowed only once in Waterloo in September. That occurred on September 26, 1942 when a trace of snow was observed.

Monthly Normals

Average Maximum Temperature	75.3
Average Minimum Temperature	50.7
Average Daily Temperature	63.0
Average Precipitation	2.63"
Average Snowfall	0.0"

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.