



Waterloo Climate



1895-2021: July

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

Temperature

Highest Daily Maximum:	112	July 13 and 14, 1936
Lowest Daily Maximum:	61	July 5, 1909
Highest Daily Minimum:	80	July 31, 1917
Lowest Daily Minimum:	42	July 7, 1984
Highest Daily Average:	93	July 13, 1936
Lowest Daily Average:	54	July 4, 1967

Top Ten Warmest

1.	82.4	1936
2.	81.9	1901
3.	80.6	1916
4.	79.3	1935
	79.3	2012
6.	79.1	1955
7.	78.6	1921
8.	77.7	1931
9.	77.6	1934
	77.6	2011

Top Ten Coldest

1.	66.4	1971
2.	67.6	2009
3.	67.9	1992
4.	68.6	1967
5.	68.8	1915
6.	68.9	2014
7.	69.0	1958
8.	69.7	1962
9.	69.9	1924
	69.9	2004

Number of Years with Max of 100 degrees of Higher:	27	(21% of the years)
Number of Years with Max of 90 degrees or Higher:	122	(96% of the years)
Number of Years with Max of 80 degrees or Higher:	127	(100% of the years)
Number of Years with Min of 60 degrees or below:	127	(100% of the years)
Number of Years with Min of 50 degrees or below:	69	(54% of the years)

Precipitation

Wettest Day:	5.49"	July 2, 1999
Highest 3-day total:	9.37"	15 – 17, 1968
Highest 7-day total:	9.60"	15 – 21, 1968
Highest 14 - day total:	12.01"	14 – 27, 1968

Top Ten Wettest

1.	12.82	1999
2.	12.60	1968
3.	11.26	1993
4.	10.91	2010
5.	10.61	1902
6.	10.43	1942
7.	9.70	1940
8.	9.63	1990
9.	9.08	1903
10.	8.90	1969

Top Ten Driest

1.	0.33	1998
2.	0.40	1936
3.	0.43	1954
4.	0.76	2012
5.	0.84	1910
6.	0.93	1917
	0.93	1937
8.	1.03	1895
9.	1.06	1916
	1.06	1975

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:	3

Number of Years with at least one day where 0.50" of Precipitation fell:	120	(94% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	84	(66% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	31	(24% of the years)

Snowfall

Snow has never occurred in the month of July at Waterloo.

Monthly Normals (1991-2020)

Average Maximum Temperature	85.0
Average Minimum Temperature	64.0
Average Daily Temperature	74.5
Average Precipitation	4.34"
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.