



# Waterloo Climate



## 1895-Present: April

Compiled by: Craig Cogil

### Temperature

Highest Daily Maximum:	100	April 22, 1980
Lowest Daily Maximum:	25	April 3, 1954
Highest Daily Minimum:	68	April 5, 1929
Lowest Daily Minimum:	-4	April 6, 1982
Highest Daily Average:	81	April 22, 1980
Lowest Daily Average:	11	April 6, 1982

#### Top Ten Warmest

1.	56.5	1925
2.	56.3	1915
3.	54.9	1955
4.	54.1	1948
5.	54.0	1941
6.	53.8	1942
7.	53.7	1946
	53.7	1985
9.	53.6	1896
10.	52.9	1895

#### Top Ten Coldest

1.	40.2	1950
2.	41.8	1961
3.	42.3	1909
4.	42.5	1907
	42.5	1918
6.	42.6	1920
7.	42.7	1953
	42.7	1982
9.	42.8	1975
10.	43.2	1904

Number of Years with Max of 90 degrees or Higher:	12	(10% of the years)
Number of Years with Max of 80 degrees or Higher:	76	(66% of the years)
Number of Years with Max of 70 degrees or Higher:	114	(99% of the years)

The High of 100 degrees on April 22, 1980 is a state record for earliest 100 degree reading in the state.

Number of Years with Min of 32 degrees or below: 115 (100% of the years)  
 Number of Years with Min of 20 degrees or below: 55 (48% of the years)  
 Number of Years with Min of 10 degrees or below: 3 (3% of the years)

## Precipitation

Wettest Day: 3.05" April 25, 2008  
 Highest 3-day total: 4.95" 23 – 25, 2008  
 Highest 7-day total: 5.32" 19 – 25, 2008  
 Highest 14 - day total: 8.84" 12 – 25, 2008

### Top Ten Wettest

1. 10.79 2008  
 2. 8.53 1991  
 3. 8.11 1964  
 4. 6.65 1896  
 5. 6.49 1909  
 6. 5.71 1960  
 7. 5.26 1999  
 8. 5.19 2006  
 9. 5.18 1954  
 10. 5.16 1897

### Top Ten Driest

1. 0.28 1942  
 2. 0.48 1934  
 3. 0.51 1936  
 4. 0.87 1912  
 5. 0.94 1907  
 6. 0.95 1925  
 7. 0.95 1971  
 8. 1.05 1952  
 9. 1.11 1949  
 10. 1.17 1926

Average Number of Days with at least 0.01" of precipitation: 10  
 Average Number of Days with at least 0.10" of precipitation: 7  
 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: 103 (90% of the years)  
 Number of Years with at least one day where 1.00" of Precipitation fell: 51 (44% of the years)  
 Number of Years with at least one day where 2.00" of Precipitation fell: 6 (5% of the years)

## Snowfall

Snowiest Day: 7.2" April 7, 2003  
 Highest 3-day total: 9.8" 8 – 10, 1973

Most Snow on Ground: 10"

April 10 and 11, 1973

#### Top Ten Snowiest

1. 10.3" 1973
2. 8.7" 2003
3. 7.5" 1982
4. 7.1" 1993
5. 6.6" 1975
6. 6.3" 1911
7. 5.5" 1918
8. 5.3" 1921
9. 5.1" 1983
10. 5.0" 1895, 1896 and 1910

#### Top Ten Least Snowiest

1. 0.0" Has occurred 28 times, most recently in 2006.

## Monthly Normals

Average Maximum Temperature 59.7

Average Minimum Temperature 35.8

Average Daily Temperature 47.8

Average Precipitation 3.23"

Average Snowfall 2.2"

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.