



Waterloo Climate



1895-2018: April

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

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 | 1941 |
| | 54.1 | 1948 |
| 6. | 54.0 | 2010 |
| 7. | 53.8 | 1942 |
| 8. | 53.7 | 1946 |
| | 53.7 | 1985 |
| 10. | 53.6 | 1896 |

Top Ten Coldest

| | | |
|-----|------|------|
| 1. | 38.1 | 2018 |
| 2. | 40.2 | 1950 |
| 3. | 41.8 | 1961 |
| 4. | 42.3 | 1909 |
| 5. | 42.5 | 1907 |
| | 42.5 | 1918 |
| 7. | 42.6 | 1920 |
| 8. | 42.7 | 1953 |
| | 42.7 | 1982 |
| 10. | 42.8 | 1975 |

| | | |
|---|-----|--------------------|
| 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: | 83 | (67% of the years) |
| Number of Years with Max of 70 degrees or Higher: | 123 | (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: 124 (100% of the years)
 Number of Years with Min of 20 degrees or below: 58 (46% of the years)
 Number of Years with Min of 10 degrees or below: 3 (2% 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. | 7.24 | 2014 |
| 5. | 7.12 | 2013 |
| 6. | 6.65 | 1896 |
| 7. | 6.49 | 1909 |
| 8. | 5.71 | 1960 |
| 9. | 5.19 | 2006 |
| 10. | 5.18 | 1954 |

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 |
| | 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: 109 (89% of the years)
 Number of Years with at least one day where 1.00" of Precipitation fell: 55 (45% of the years)
 Number of Years with at least one day where 2.00" of Precipitation fell: 7 (6% of the years)

Snowfall

Snowiest Day: 6.9" 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. 12.1" 2018
2. 10.3" 1973
3. 8.7" 2003
4. 7.5" 1982
5. 7.1" 1993
6. 6.6" 1975
7. 6.3" 1911
8. 5.5" 1918
9. 5.3" 1921
10. 5.1" 1983

Top Ten Least Snowiest

1. 0.0" Has occurred 31 times, most recently in 2017.

Monthly Normals

Average Maximum Temperature 60.6

Average Minimum Temperature 37.2

Average Daily Temperature 48.9

Average Precipitation 3.71"

Average Snowfall 1.8"

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.