



# Waterloo Climate



## 1895-2021: June

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

### Temperature

|                        |     |                                 |
|------------------------|-----|---------------------------------|
| Highest Daily Maximum: | 107 | June 27 and 28, 1934            |
| Lowest Daily Maximum:  | 49  | June 2, 1969                    |
| Highest Daily Minimum: | 77  | June 29, 1931 and June 25, 1954 |
| Lowest Daily Minimum:  | 33  | June 1, 1897                    |
| Highest Daily Average: | 91  | June 28 and 29, 1931            |
| Lowest Daily Average:  | 45  | June 3, 1945 and June 2, 1969   |

#### Top Ten Warmest

|    |      |               |
|----|------|---------------|
| 1. | 78.4 | 1934          |
| 2. | 78.0 | 1933          |
| 3. | 76.0 | 1931          |
| 4. | 75.5 | 2021          |
| 5. | 75.1 | 1921          |
| 6. | 74.1 | 2020          |
| 7. | 74.0 | 1991 and 1956 |
| 9. | 73.3 | 1987 and 1952 |

#### Top Ten Coldest

|     |      |      |
|-----|------|------|
| 1.  | 61.9 | 1969 |
| 2.  | 63.3 | 1903 |
| 3.  | 63.8 | 1915 |
| 4.  | 63.9 | 1945 |
| 5.  | 64.0 | 1982 |
| 6.  | 64.4 | 1958 |
| 7.  | 64.5 | 1916 |
| 8.  | 64.6 | 1902 |
| 9.  | 65.2 | 1917 |
| 10. | 65.3 | 1926 |

|  |     |                    |
|--|-----|--------------------|
| Number of Years with Max of 100 degrees or Higher: | 9   | (7% of the years)  |
| Number of Years with Max of 90 degrees or Higher:  | 108 | (85% of the years) |
| Number of Years with Max of 80 degrees or Higher:  | 126 | (99% of the years) |
| Number of Years with Min of 50 degrees or below:   | 121 | (95% of the years) |
| Number of Years with Min of 40 degrees or below:   | 25  | (20% of the years) |

## Precipitation

|                         |       |               |
|-------------------------|-------|---------------|
| Wettest Day:            | 4.35" | June 15, 1980 |
| Highest 3-day total:    | 6.12" | 5 – 7, 1914   |
| Highest 7-day total:    | 7.83" | 24 – 30, 1959 |
| Highest 14 - day total: | 8.78" | 1 – 14, 1947  |

### Top Ten Wettest

|     |       |      |
|-----|-------|------|
| 1.  | 12.43 | 1947 |
| 2.  | 10.11 | 1993 |
| 3.  | 9.63  | 2014 |
| 4.  | 9.53  | 2018 |
| 5.  | 9.34  | 2020 |
| 6.  | 8.97  | 2016 |
| 7.  | 8.79  | 2008 |
| 8.  | 8.77  | 1998 |
| 9.  | 8.63  | 1980 |
| 10. | 8.56  | 1946 |

### Top Ten Driest

|     |      |      |
|-----|------|------|
| 1.  | 0.61 | 1927 |
| 2.  | 0.66 | 1922 |
| 3.  | 0.79 | 1933 |
| 4.  | 0.86 | 1955 |
| 5.  | 0.87 | 2021 |
| 6.  | 1.00 | 1929 |
| 7.  | 1.40 | 1989 |
| 8.  | 1.43 | 1904 |
| 9.  | 1.50 | 1931 |
| 10. | 1.61 | 1913 |

|  |    |
|--|----|
| Average Number of Days with at least 0.01" of precipitation: | 11 |
| Average Number of Days with at least 0.10" of precipitation: | 7  |
| 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: | 119 | (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: | 27  | (21% of the years) |

## Snowfall

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

## Monthly Normals (1991-2020)

|                             |       |
|-----------------------------|-------|
| Average Maximum Temperature | 82.2  |
| Average Minimum Temperature | 60.8  |
| Average Daily Temperature   | 71.5  |
| Average Precipitation       | 5.72" |
| Average Snowfall            | 0.0"  |

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.