

Eric Soulis Memorial Weather Station Summary – August 2023

A wet month that was cooler than average

We certainly didn't see the heat of a typical August, for instance there were no days above 30°C compared to the average of 2. Also the maximum temperature was 28.5°C, the lowest maximum temperature since 1994. All of that resulted in an overall temperature that was 1.3 degrees below average, as is hard to call any August “cool”, so let's call it the “least hot” one since 2008.

The precipitation was consistent throughout the month with a final total of 92.4 mm. This would have been within the average range using the former long term average (83.9 mm) from 1981-2010, but using the 25 year average from the weather station (66.5 mm), it is now a wetter than average month.

This wet month put the total precipitation so far in 2023 at 728.0 mm, much above the average of 525.8 mm. It is the tenth wettest year in the history of weather records in the area that go back over 100 years.

Summary for August 2023:

Maximum Temperature 28.5°C

Minimum Temperature 6.4°C

Average Daily High Temperature 24.2°C (Long term average 25.6°C)

Average Daily Low Temperature 13.0°C (Long term average 14.2°C)

Total Precipitation 92.4 mm (Long term average 66.5 mm)

(Long term averages based on 1998-2022 data from the Soulis Memorial Weather Station at the University of Waterloo)