

## Eric Soulis Memorial Weather Station Summary – October 2023

### **A warm October with average precipitation**

There was a very hot streak the first week of October with 3 days close to 30°C, followed by about two weeks when it was close to average. After that we saw another week of warmer than average temperatures a bit above 20°C and then the month ended with a few cold days. The overall temperature was little over a degree and half above average, this makes it the fourth warmest October in the 25 year history of the Soulis Memorial Weather Station.

A little after midnight on the 23<sup>rd</sup>, the temperature went below zero for the first time since May 18<sup>th</sup>, which is about 10 days later than the average. With the frost-free period from May 18 to Oct 23 it made the frost-free season last 158 days, which is very close to the average of 160 days.

Although the month started off dry, the rest of month had more typical precipitation, resulting in a final total of 78.0 mm very close to the average of 81.0 mm. There has now been a total precipitation of 824.0 mm in first 10 months of the year, this is well above the 682.5 mm

Summary for October 2023:

Maximum Temperature 29.2°C

Minimum Temperature -2.4°C

Average Daily High Temperature 15.4°C (Long term average 14.2°C)

Average Daily Low Temperature 6.8°C (Long term average 4.6°C)

Total Precipitation 78.0 mm (Long term average 81.0 mm)

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