

## Eric Soulis Memorial Weather Station Summary – September 2023

### **A hot September that was the driest in over 50 years**

For the first time since April we had a warmer than average month, it was about a degree warmer than average, which made it the warmest September in 5 years. There were 3 days above 30°C where we usually only see one of those every couple of years. Finally, the 32.0°C that occurred on the fifth was likely the warmest temperature for the year.

It was also very dry, in fact the 18.0 mm of precipitation made it the 4<sup>th</sup> driest in the history of the region where records go back over 100 years. The last time it was this dry was way back in 1969 when only 12.7 mm fell. Over half the rain fell on the 12<sup>th</sup> when we got 12.4 mm, there were only a few millimetres on a few days apart from that.

This dry month means that the total precipitation for this time of year of 746.0 mm is still above, but now closer to the average of 683.5 mm than it was last month.

Summary for September 2023:

Maximum Temperature 32.0°C

Minimum Temperature 3.2°C

Average Daily High Temperature 22.9°C (Long term average 22.0°C)

Average Daily Low Temperature 11.5°C (Long term average 10.3°C)

Total Precipitation 18.0 mm (Long term average 75.6 mm)

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