

Eric Soulis Memorial Weather Station Summary – September 2024

Another hot and dry September

With a streak of temperatures which lasted almost 2 weeks that were over 5 degrees above average, it is not surprising that overall it was one and half degrees above average. This made it the warmest September since 2018 and with 8 of 9 months above average so far in 2024, we could be looking at the hottest calendar year on record.

That hot streak also coincided with a really dry spell, resulting in only 2.0 mm in the first 22 days of the month. A couple of storms in the last week boosted the total precipitation to 21.6 mm, making it the sixth driest September in the region since records began back in 1914. This continues a streak of dry Septembers as each of the last three have been in the top 8 driest.

This dry month means that the total precipitation for this time of year of 620.8 mm has now fallen even further below the average of 683.5 mm.

Summary for September 2024:

Maximum Temperature 29.1°C

Minimum Temperature 5.3°C

Average Daily High Temperature 24.4°C (Long term average 22.0°C)

Average Daily Low Temperature 10.9°C (Long term average 10.3°C)

Total Precipitation 21.6 mm (Long term average 75.6 mm)

(Long term averages based on 1998-2023 data from the Soulis Memorial Weather Station at the University of Waterloo)