

Eric Soulis Memorial Weather Station Summary – December 2024

An up and down December with average precipitation

The temperature during December was quite the roller coaster ride, with alternating warm and cold periods. Starting after the first week of the month, it went from 7 degrees above average to 6 degrees below, then back above by 9, below by 10, and ending up 10 above in the last week.

Overall the temperature came out to half a degree above average, which actually makes it the coldest December since 2017, showing how warm this month has been in recent years.

It was looking to be a much drier than average month, but a little over 20 mm of rain on the 29th put the total at 67.8 mm, just a bit below the average of 72.1 mm. However, it was also a lot snowier than average as we got 42.5 cm, much more than the typical 13 cm for the month.

Summary for December 2024:

Maximum Temperature 10.4°C

Minimum Temperature -20.3°C

Average Daily High Temperature 1.2°C (Long term average 0.7°C)

Average Daily Low Temperature -5.4°C (Long term average -5.9°C)

Total Precipitation 67.8 mm (Long term average 72.1 mm)

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