

University of Waterloo Weather Station Summary – February 2008

Snow, snow, and more snow (along with average temperatures) for February

Overall the temperature for the month averaged out to about half a degree below average, but this is still within the range of the average temperatures, so February comes in as average. However, looking at the numbers it seems that most of the time the temperature was actually either really way above or way below average. To prove my point there were only 7 days that were within 5 degrees of the average, 12 days more than 5 degrees below, and 10 days more than 5 degrees above.

I don't think that it will come as a surprise that there was an awful lot of snow this month. In total, the amount of snow that fell (77 cm) was more than double the average amount for February (30.6 cm). The only year I could find with more snow in February was way back in 1924 at the Kitchener station when the recorded snowfall was 132.1 cm.

The total precipitation (snow and rain) of 117.1 mm was also more than twice the average of 52.6 mm. Certainly the most we have seen in the 10 year history of the weather station and again we have to go back to 1924 to find a higher February total precipitation (132.6 mm), although I'm a little suspect of the conversion between snowfall and total precipitation at the Kitchener station.

I have a feeling that the temperature swings along with the amount of snow (more salt needed on the road) this month is one of the reasons that there seems to be more potholes around these days.

Environment Canada prediction of temperature for the month: Average
Actual Temperature: Average

Summary for February 2008:

Maximum Temperature 6.3 °C

Minimum Temperature -21.0 °C

Average Daily High Temperature -2.5 °C (Long term average -2.0 °C)

Average Daily Low Temperature -11.3 °C (Long term average -10.7 °C)

Total Precipitation 117.1 mm (Long term average 52.6 mm)

(Long term averages based on 1971-2000 data for the Waterloo Wellington Airport)