

## University of Waterloo Weather Station Summary – February 2019

### **A snowy February with average temperatures**

The month saw some dramatic temperature swings, starting with some lows below  $-20^{\circ}\text{C}$  followed a couple of days later with a high above  $10^{\circ}\text{C}$ . Then a week of colder than average temperatures was followed by almost a week of highs above zero. Cold weather returned at the end of February with its coldest temperature of  $-26.7^{\circ}\text{C}$ .

As often happens in a month with temperature swings like this, everything balances out and the overall temperature comes out to being about average, this happened in February with the overall temperature coming in at just 0.05 degrees below the average.

Not only was the total precipitation amount of 74.6 mm well above the average of 54.9 mm, there were also 20 days that showed some precipitation. This is the highest number of days of precipitation in February since 2003.

A series of storms brought a lot of snow during February, 41.5 cm of snow fell which is much more than the average of 30.3 cm. However, as we had a slow start to the snowfall season, even with this snowy month, the total we have seen far of 116.5 cm is still below the average of 125.6 for this point in the season.

Finally, if you haven't already, there is still time to enter the annual UW Weather Station Contest. We are looking for your guess for the first time the temperature will go above  $20^{\circ}\text{C}$  this spring. Find out all the details and enter here:

<http://weather.uwaterloo.ca/contest/contest.html>

Summary for February 2019:

Maximum Temperature  $10.9^{\circ}\text{C}$

Minimum Temperature  $-26.7^{\circ}\text{C}$

Average Daily High Temperature  $-0.4^{\circ}\text{C}$  (Long term average  $-1.2^{\circ}\text{C}$ )

Average Daily Low Temperature  $-10.6^{\circ}\text{C}$  (Long term average  $-9.7^{\circ}\text{C}$ )

Total Precipitation 74.6 mm (Long term average 54.9 mm)

(Long term averages based on 1981-2010 data for the Waterloo-Wellington Airport)