

Waterloo Weather Station Monthly Summary - January 2005

It was a month of extremes in temperature at the University of Waterloo Weather station this month, with both the highest temperature ever recorded in January (14.9 °C on January 13th) and the lowest temperature ever recorded in any month (-32.3 °C on January 27th). This is a 47.2 degree difference in the maximum and minimum temperature and the largest range ever seen in January, but not the largest in any month which goes to March of 2003 when the range was 48.4 degrees.

Overall, the first half of the month had above average temperatures and below average temperatures were seen in the second half. This split resulted in the average daily high of -3.3 °C being just a little bit below the long term average -3.1 °C, the average daily low was also lower than the long term average.

As for precipitation, we were above average for most of the month, but a dry spell for the last week of the month put the final total at the very top of the range of average precipitation for January. The number of days of some measured precipitation (17) was very close to the average (18.3).

Summary for January 2005 :

Maximum Temperature 14.9 °C

Minimum Temperature -32.3 °C

Average Daily High Temperature -3.3 °C (Long term average -3.1 °C)

Average Daily Low Temperature -12.8 °C (Long term average -11.0 °C)

Total Precipitation 73.1 mm (Long term average 64.4 mm)

(Long term averages based on 1970-2000 data for the Waterloo Wellington Airport)