

## University of Waterloo Weather Station Monthly Summary - December 2006

In December we experienced a record warm temperature while the precipitation was above average.

I don't think I need to tell anybody that December was very warm; in fact the average temperature was 4.5 degrees above average making it the warmest December we have ever had at the University of Waterloo weather station. The month started out on the cold side but since the 10th it has been consistently warm.

It was also quite a contrast to the previous December when the average temperature was 5 degrees lower than this one.

The rain we had on the last day of the year was enough to push the monthly total precipitation to 86.4 mm, enough to classify it as an above average month. Over a third of the month's precipitation fell on the first day of the month when we had 35.1 mm, the other big day was the 22nd when we saw 17.3 mm.

As a result of the warm temperatures during the month, less than 10% of the month's precipitation fell as snow. This compares to an average December when we would expect a 50/50 split between rain and snow. This deficit of snow is also evident if you consider that we should also expect to see around 10 cm of snow on the ground at the end of December.

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

Summary for December 2006:

Maximum Temperature 10.1 °C

Minimum Temperature -15.5 °C

Average Daily High Temperature 3.4 °C (Long term average -0.4 °C)

Average Daily Low Temperature -2.4 °C (Long term average -7.5 °C)

Total Precipitation 86.4 mm (Long term average 71.1 mm)

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