

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

For the first time since February, I can say that we had an average month for temperature, breaking a run of 5 consecutive above average months (by the way we haven't had a below average month since December of 2005). Except for a couple of warm days at the beginning of the month and a few colder days in the middle, the temperature has stayed within the average range.

It seems like such a long time ago now, but the warmest day of the year so far was the first of August when it hit 33.7 °C. This was not a record, but what was significant was that the lowest temperature recorded on that day was 25.3 °C and this is the warmest night (ie. the highest low temperature) that we have ever had in the 8 year history of the University of Waterloo weather station. The humidex reading of 46.5 was also the highest we have ever recorded; the extremely high amount of water vapour in the air was one of the reasons the temperature didn't drop very much at night.

We had over 29 mm on precipitation during the first 3 days of August and then only 23 mm for the rest of the month. The total was 52.4 mm, making it a below average month for precipitation.

At the beginning of August I noted that lawns around the city were very lush with all the rain we had in July, well August wasn't that dry, but I think that lawns are certainly not doing as well as they were a month ago. However, we did have a decent amount of precipitation and thus we don't see the brown mats that sometimes occupy people's front yards in the late summer.

The total precipitation for the year of 673.0 mm is still above the 593.1 mm that we would expect at this time.

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

Summary for August 2006:

Maximum Temperature 33.7 °C

Minimum Temperature 7.7 °C

Average Daily High Temperature 24.5 °C (Long term average 24.7 °C)

Average Daily Low Temperature 13.9 °C (Long term average 12.6 °C)

Total Precipitation 52.4 mm (Long term average 87.0 mm)

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