

University of Waterloo Weather Station Summary - September 2007

A really hot and dry September

In the past 10 years, the month of September has been the month that has been the most above average. So although the temperature was a whopping 2.7 degrees above average, it was only the 4th warmest September we have seen in the history of the UW weather station. Only 6 days of the month were colder than average, leaving 24 days above average and 3 of those were warmer by over 10 degrees.

The high temperature of the month was 32.3 °C on the 6th, this was the second highest temperature we have ever recorded at the station during September (the highest was 33.0 °C on September 8, 2002). But more impressive was the 30.1 °C on the 25th which will go down as the warmest fall temperature ever seen, even considering the Waterloo Wellington Airport data that goes back to 1970.

Less than half of the average precipitation fell in September, 36.8 mm compared to 87.5 mm. We didn't see any at all until the 9th and we were also dry between the 16th and the 24th. The biggest one day amount was 14.2 mm on September 11.

We are now over 200 mm below the average precipitation for this time of the year; the 453.9 mm we have received is only two thirds of the average of 680.7 mm.

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

Summary for September 2007:

Maximum Temperature 32.3 °C

Minimum Temperature 2.3 °C

Average Daily High Temperature 23.3 °C (Long term average 20.0 °C)

Average Daily Low Temperature 10.5 °C (Long term average 8.3 °C)

Total Precipitation 36.8 mm (Long term average 87.5 mm)

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