

Waterloo Weather Station Monthly Summary - July 2005

Even with some relief in the last week, July was another hot month. Both the average daily high and low temperatures were about 1.5 C above what we would expect. What made the temperature feel even worse was that during the middle of July, when the daytime highs were way above average, the overnight lows were also very high. This made it difficult for a lot of people without air conditioning to cool down at night affecting people's sleep habits and general mood.

The big news in June was how hot it was, in fact we set many records at the weather station. Well it turns out that it was hotter in July than it was in June, but as July is the hottest month of the year it wasn't record breaking. In both 1999 and 2002 the average temperature for July was higher than this year. However we are on track for having the warmest overall summer on record.

We finally got some substantial precipitation during the month, including two records (based on the 7 year history of the Waterloo Weather Station: The most precipitation in a single day (59.2 mm on July 16) and the highest total for the month of July, 111.8 mm.

Even with this wet month, the year-to-date sum of precipitation (434.5 mm) is still below the average (509.0 mm).

Environment Canada prediction for the month done on the first of the month: Average Temperature

Actual Temperature: Above Average

Summary for July 2005 :

Maximum Temperature 34.1 C

Minimum Temperature 9.0 C

Average Daily High Temperature 27.4 C (Long term average 26.0 C)

Average Daily Low Temperature 15.3 C (Long term average 13.8 C)

Total Precipitation 111.8 mm (Long term average 92.9 mm)

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