

Above average temperatures in August with average precipitation

It was 1.2 degrees above average in August, however once again there were no extended periods of really hot weather, just a very consistent month of temperatures either at or a little above average. The high temperature for the month (which is also the current high temperature for the year) was on August 1st when it hit 33.1 °C. Then there was the strange case of August 21st, when the temperature for the entire day varied less than a degree between 16.4 °C and 15.4 °C.

The average high temperatures for June, July, and August were almost identical (to be exact within 0.4 °C) while usually there is a 2.5 degree difference between those months. This happened because June and August were above average and July was below average so they all met somewhere in the middle.

Even though the average amount of precipitation for August is 87.0 mm, the average range begins at 60 mm, so the 62.6 mm we got made it an average month for precipitation. However, these averages are based on the 30 year data set from the Waterloo-Wellington airport and for this month they are quite a bit different from the 9 years of readings at the UW weather station where the August average is only 40.6 mm. This is also why the extreme precipitation line on the graph (based on UW weather station data) doesn't go above the average range (based on 30 years data at Waterloo-Wellington Airport).

Over half of the month's precipitation fell on August 7th when 32.0 mm came down, while almost all of the rest of it occurred between August 23rd to 25th. Apart from those 4 days the rest of the month was pretty dry, however there was enough overall that the lawns in the area are pretty much green with just a few brown patches.

Looking at the precipitation for the year, we would expect 594.3 mm at the end of August but so far have only seen 417.1 mm. It will take a very wet fall to get us up to average by the end of the year.

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

Summary for August 2007:

Maximum Temperature 33.1 °C

Minimum Temperature 7.9 °C

Average Daily High Temperature 25.5 °C (Long term average 24.7 °C)

Average Daily Low Temperature 14.3 °C (Long term average 12.6 °C)

Total Precipitation 62.6 mm (Long term average 87.0 mm)

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