

## University of Waterloo Weather Station Summary - October 2011

### **A hot month that was the third wettest October ever seen**

After a really hot start to the month where the temperature was over 10 degrees higher than average for 3 days, it came down to more of what we would expect for the rest of the month. The overall temperature was one and half degrees warmer than average which means we have to go all the way back to March to find a colder than average month.

On the morning of October 23rd at 4:45 am the temperature went below zero for the first time since the spring and thus the frost free season went from May 1st to October 22nd this year which is a total of 175 days. This is the longest frost free season since records began in the region in 1915, just beating out 1941 when they had a stretch of 174 days above zero.

Even with a dry start to the month, the 114 mm in the next 8 days got us on the way to the third wettest October since records began in the region. The 141.9 mm we saw this month was only a little behind the 151.4 mm in 1955, but way back of the 195.4 mm in 1954.

With June and July coming in as the only two drier than average months and a really wet October we are back talking about how wet 2011 has been. In fact at 941.0 mm for the year so far, it is the fourth wettest first 10 months on record.

Summary for October 2011:

Maximum Temperature 26.7°C

Minimum Temperature -3.3°C

Average Daily High Temperature 14.1°C (Long term average 13.2°C)

Average Daily Low Temperature 5.0°C (Long term average 2.9°C)

Total Precipitation 141.9 mm (Long term average 67.1 mm)

(Long term averages based on 1971-2000 data for the Waterloo Wellington Airport)