

University of Waterloo Weather Station Summary – June 2021

A very hot June with above average precipitation

There were lots of really hot days during the month and only a couple of cooler ones, this resulted in an overall temperature that was 3 degrees above average. This was the warmest June since 2005 and the 5th warmest in the weather records in the region that go back to 1914.

A lot of this heat came at the beginning of the month, with 4 days over 30°C and 3 of those on consecutive days. Although it is not unusual to see days this hot during June, typically they occur later in the month. The last time there were 3 days in a row above 30°C in the first half of the month was back in 2005.

It was looking like it was going to be an average month for precipitation, but that all changed in the last 7 days. During the last week of June there was one storm that resulted in 37.8 mm and then another a few days later that dropped 25.4 mm. The total for the month was 117.4 mm, making it the wettest month since we got 154.7 mm in January of 2020.

Even with this very wet month, because it has been so dry this year, the total precipitation we have seen of 341.3 mm is well below the average total of 416.1 mm.

Summary for June 2021:

Maximum Temperature 31.4°C

Minimum Temperature 4.0°C

Average Daily High Temperature 26.3°C (Long term average 23.6°C)

Average Daily Low Temperature 14.9°C (Long term average 11.5°C)

Total Precipitation 117.4 mm (Long term average 82.4 mm)

(Long term averages based on 1981-2010 data for the Waterloo-Wellington Airport)