

### **Another warm September with average precipitation**

I know it seems that every September I talk about how consistently warm the month is compared to the other months of the year. Well it turns out it is not just my imagination, here is a map (albeit for the US) of which month has warmed the most in the last 30 years:

<https://twitter.com/Climatologist49/status/1307864627452149760>

and you can see that around the Great Lakes that month is consistently September.

Although we saw some cooler temperatures, the pattern continued as the overall temperature was 0.8 degrees above average. There were some cold nights during the month, but these were offset by almost a week that got to the mid-20s at the end of the month.

One of those cold nights happened on the 19<sup>th</sup> when the temperature actually went below zero for the first time since the spring. This is the earliest it has happened in the 22 year history of the weather station and the coldest September temperature since September 30, 1993.

And now a riddle: What is wet on both ends and dry in the middle?

Answer: September 2020.

We saw 28.6 mm in the first 3 days of the month and 36.2 mm in the last 3 days, and only 22.4 mm in the other 24 days. This included a stretch of 2 weeks with no rain at all between the 14<sup>th</sup> and 27<sup>th</sup>. The total of 87.2 mm was just a little below the average of 87.8 mm for the month.

For the year so far, we have seen 753.7 mm of precipitation which is above the average of 683.5 mm for this time of year.

Summary for September 2020:

Maximum Temperature 27.9°C

Minimum Temperature -1.4°C

Average Daily High Temperature 21.4°C (Long term average 20.4°C)

Average Daily Low Temperature 9.2°C (Long term average 8.6°C)

Total Precipitation 87.8 mm (Long term average 87.8 mm)

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