



## June 2012:

Significantly hot and dry conditions continued this month. Daytime highs averaged 3-4°C above normal, while overnight lows averaged 2-3°C above normal. The maximum temperature surpassed 30°C on an average of 8 days in Niagara West and 9 in Niagara East. This is well above the 30 year normal of 2-3 days. As of the end of June, accumulated growing degree days remain nearly as high as the same point in time during the 2010 growing season, which was a great year for heat accumulation.

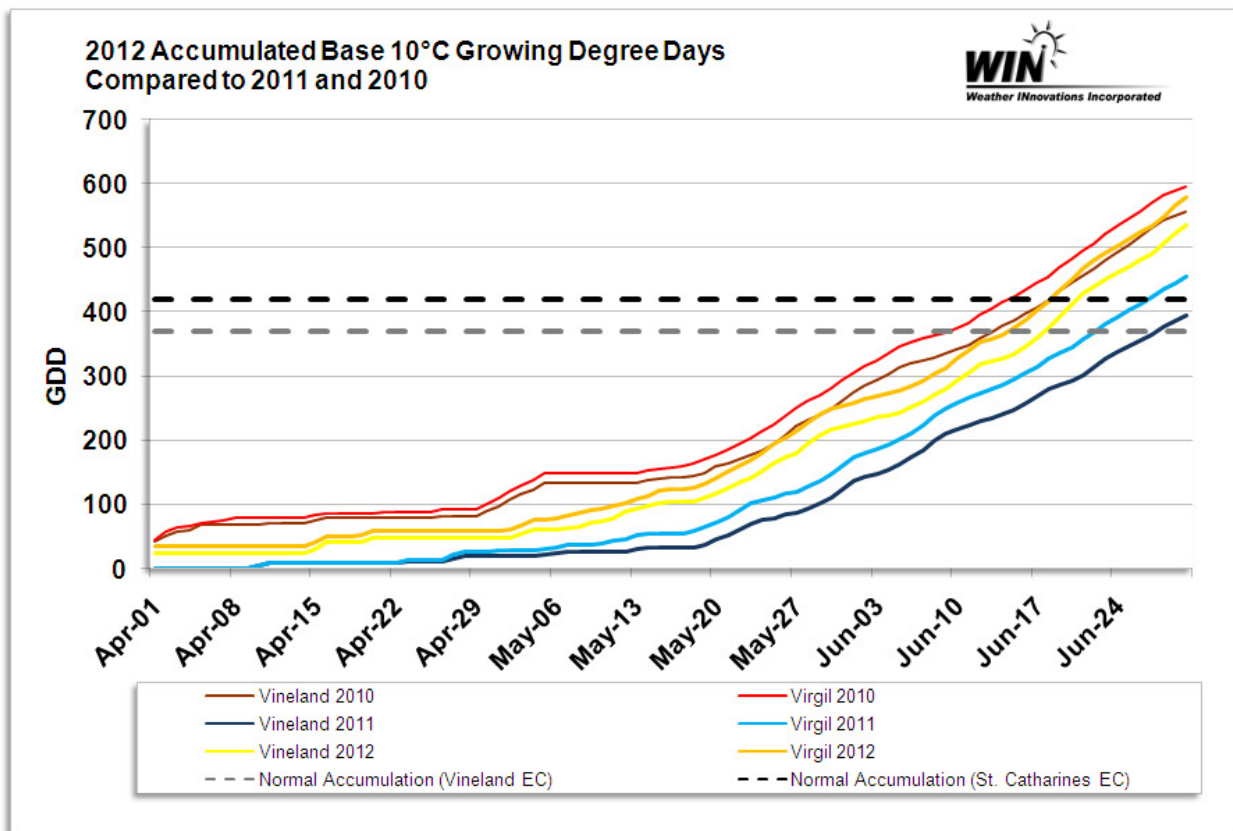


Figure 1: Growing Degree Days

Drier-than-normal conditions continued across the Niagara region. Rainfall events during this month were numerous, yet accumulations were typically insignificant. Monthly accumulations were variable across the region; average monthly accumulations for most sites ranged between 50 and 60% of normal. A localized rainfall event on June 18<sup>th</sup> led to the St. David's bench appellation receiving 90% of the normal June accumulation.

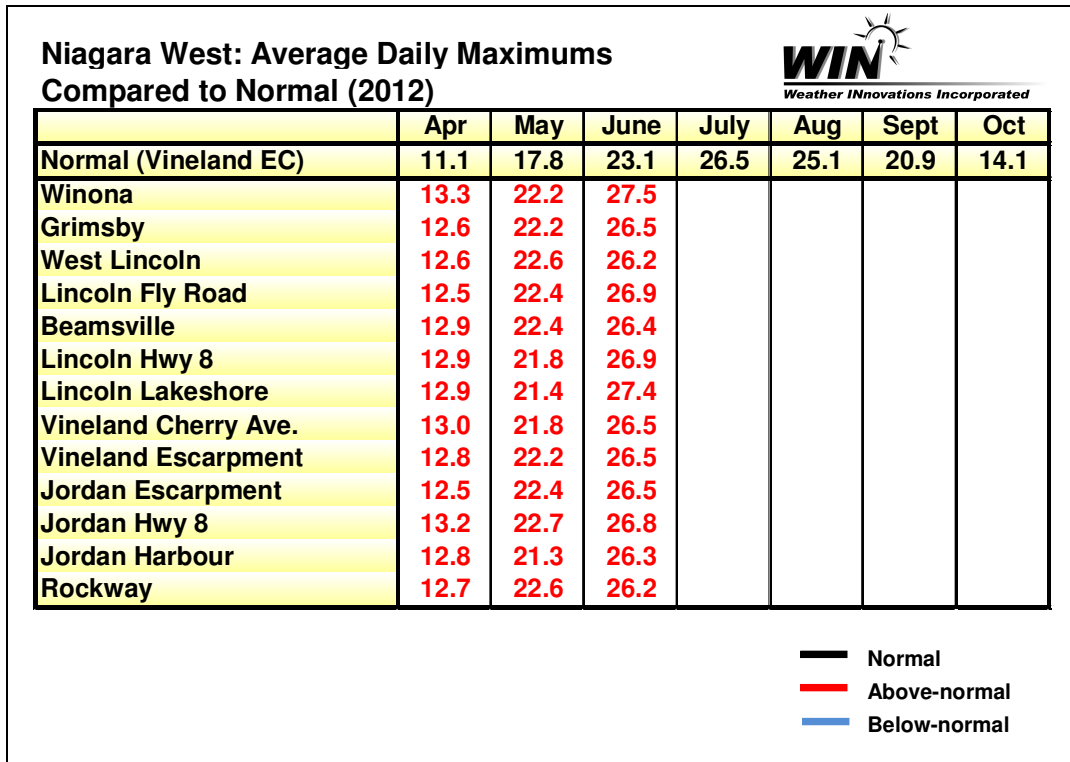


Figure 2: Niagara West – Daily Maximums

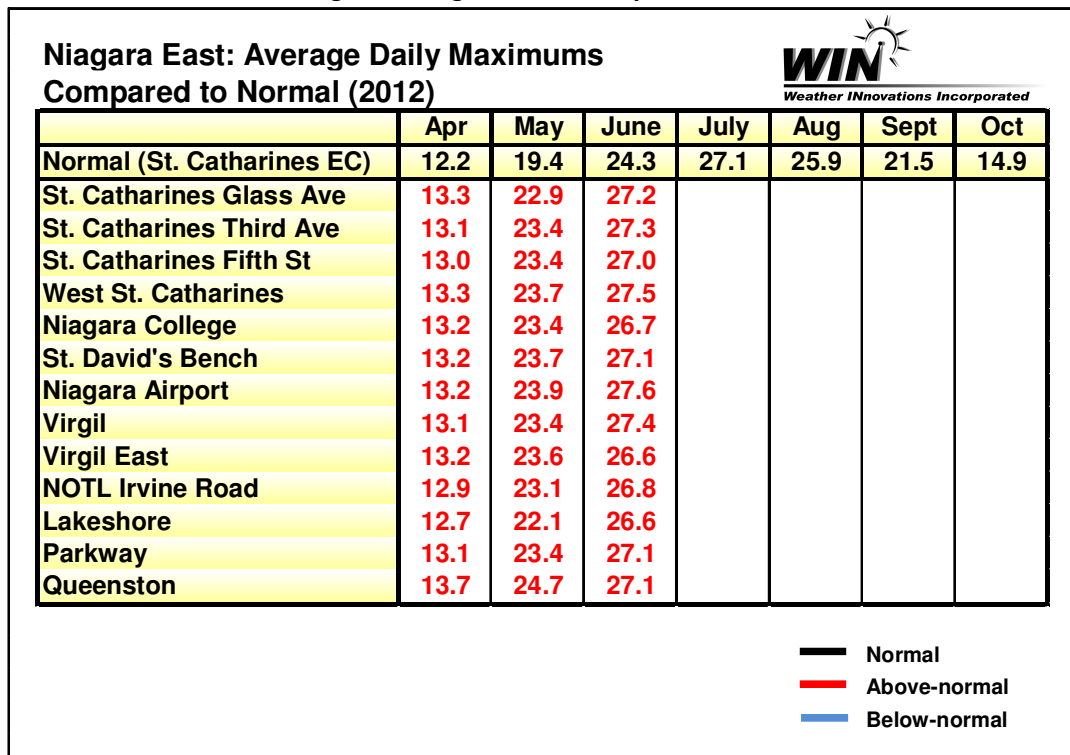


Figure 3: Niagara East – Daily Maximums

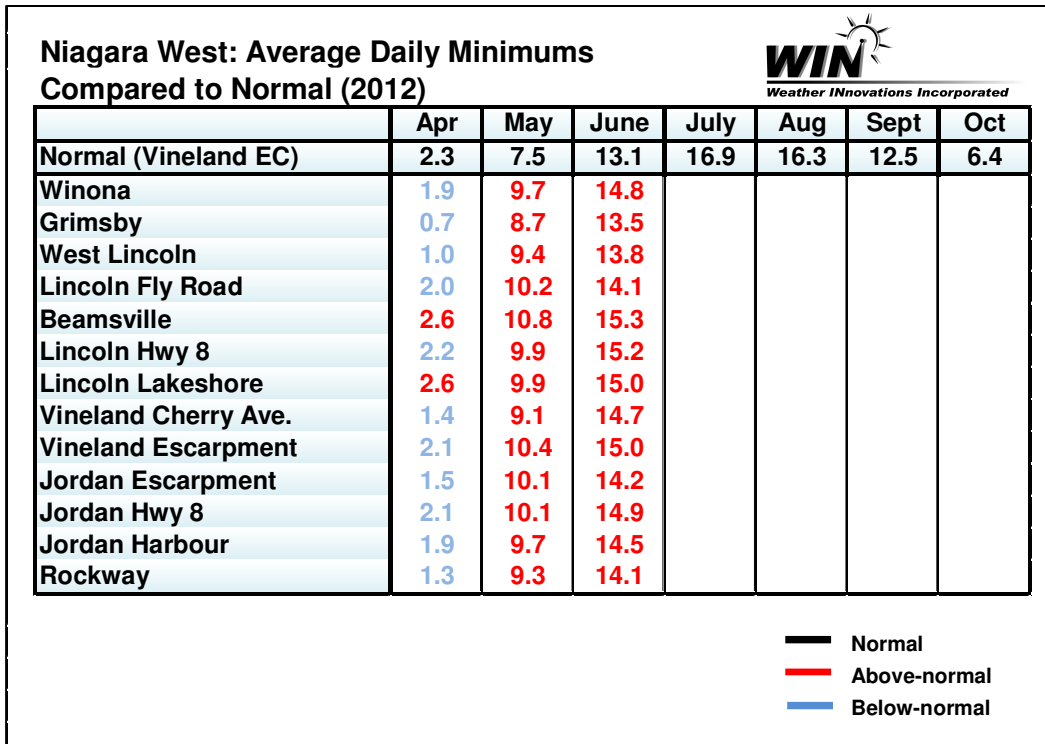


Figure 4: Niagara West – Daily Minimums

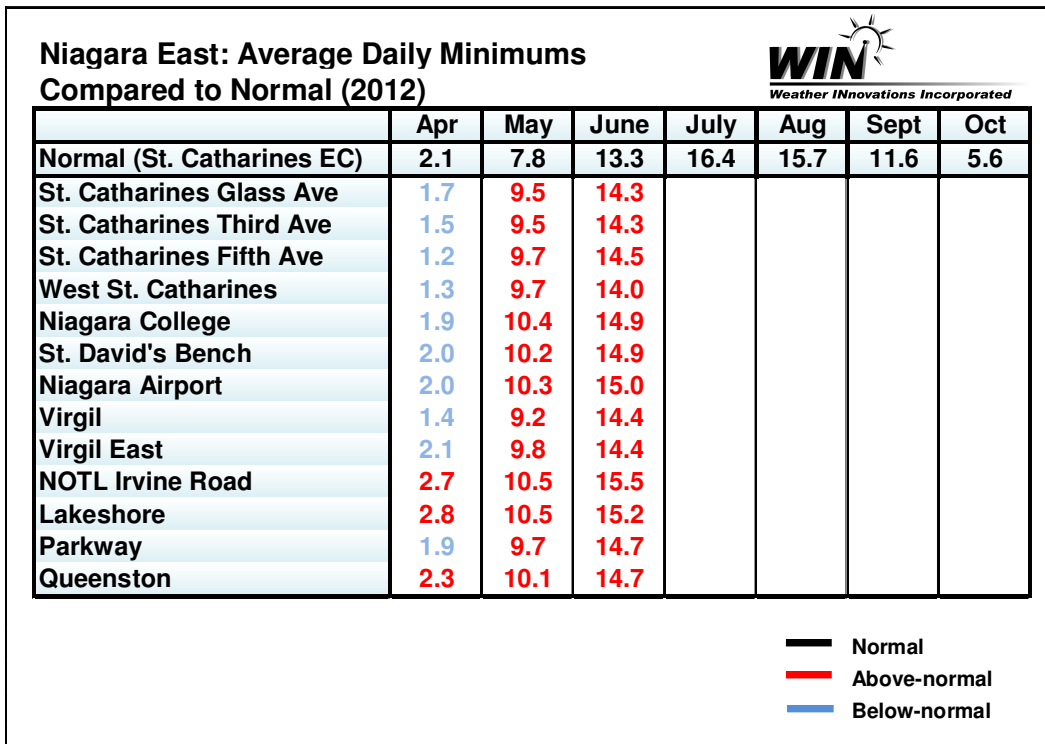


Figure 5: Niagara East – Daily Minimums

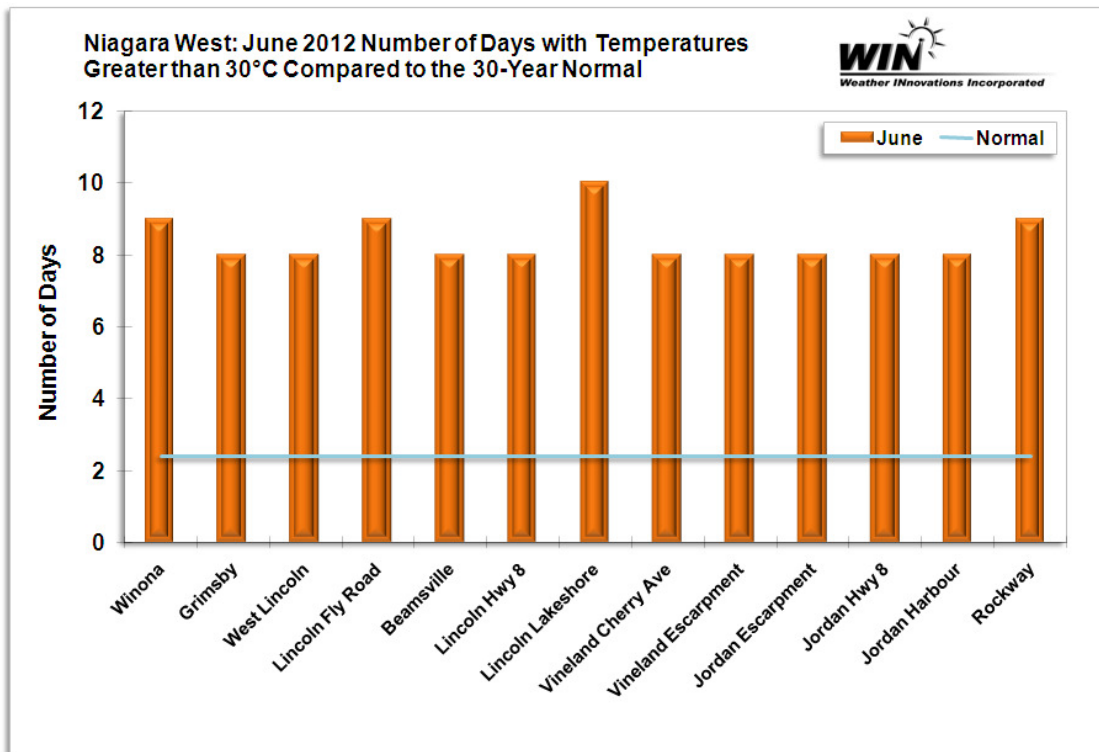


Figure 6: Niagara West - Number of Days over 30°C

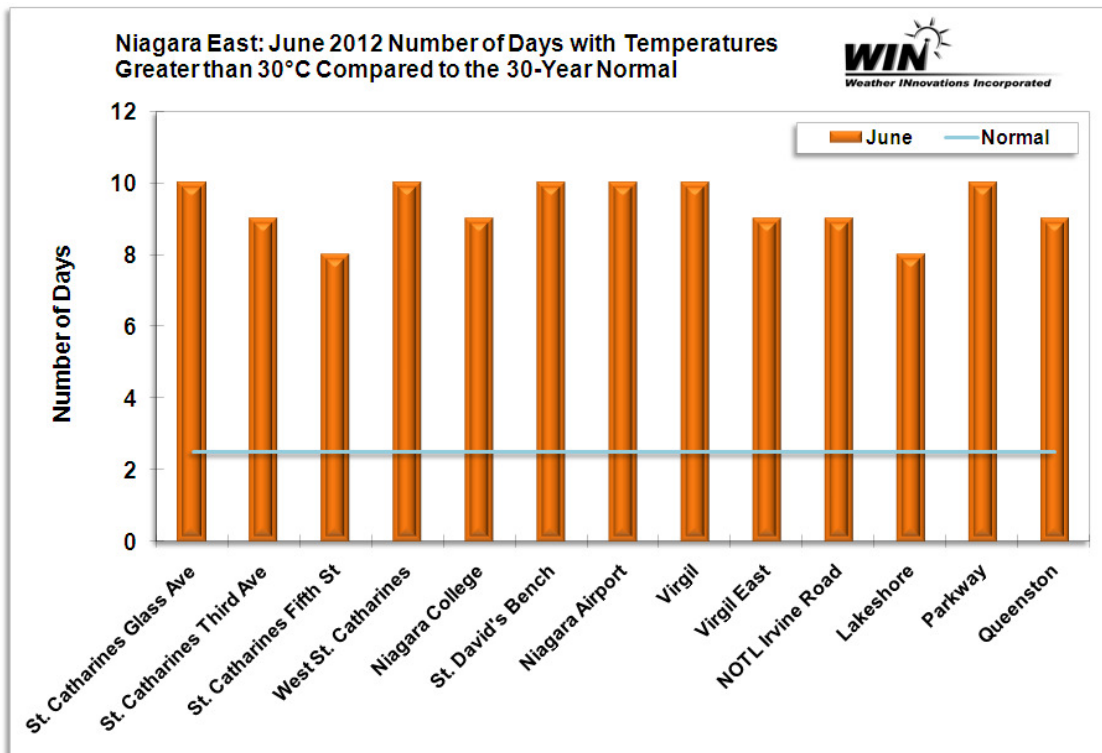


Figure 7: Niagara East - Number of Days over 30°C

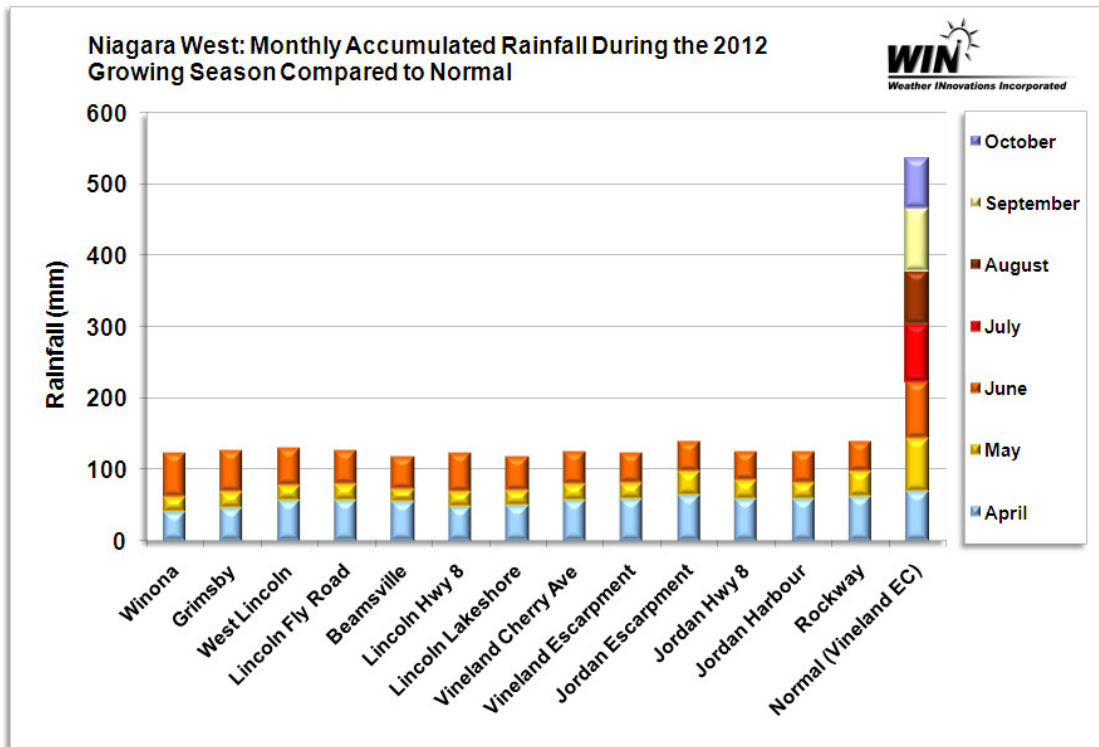


Figure 8: Niagara West - Rainfall

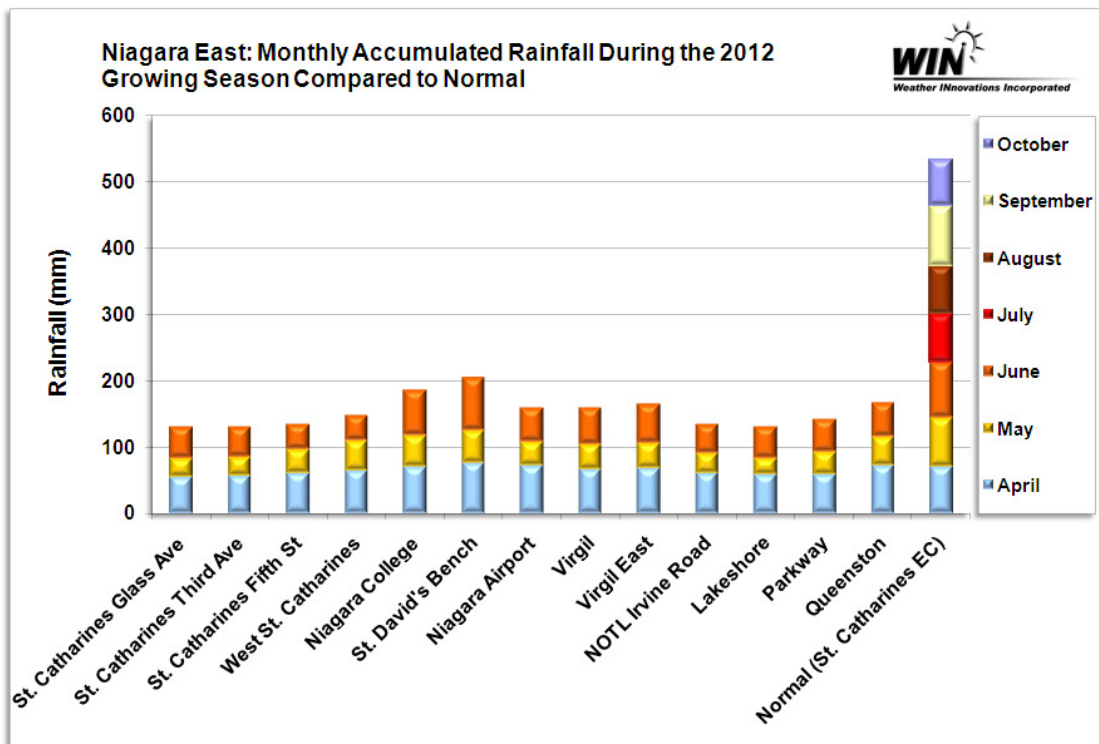


Figure 9: Niagara East - Rainfall