

July 2013:

Close-to-normal temperatures in June were followed by cooler-than-normal July temperatures. The first half of the month was seasonal, with one extremely hot and humid period between July 15 and 19, where daily maximum temperatures exceeded 30°C. Seasonably cooler temperatures followed, however, and continued into the beginning of August. July daily maximums averaged 1°C below normal, while daily minimums averaged 0.9°C below normal. The seasonal growing-degree-day accumulation continues to slow down and remains behind the three most recent growing seasons as of the end of July. Overall, the growing degree day accumulation is near normal thus far.

The month of July brought excessive rainfall to Lake Erie North Shore once again. As a result, July rainfall equaled 296% of normal at Colchester, 254% of normal at Kingsville and 255% of normal at Cedar Springs. As of the end of July, Colchester has already surpassed the normal rainfall accumulation for the entire growing season, with Kingsville nearly equal to the entire growing season total and Cedar Springs not too far behind.

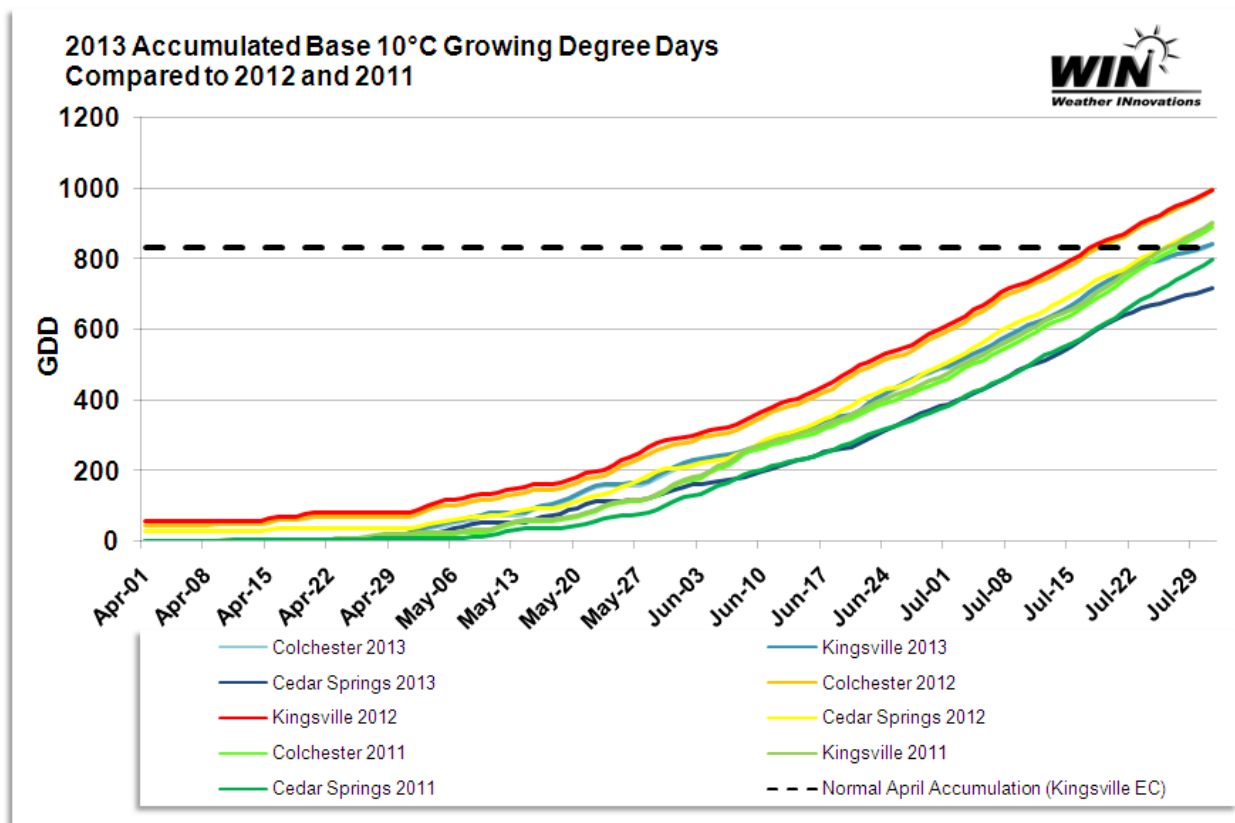


Figure 1: Growing Degree Days

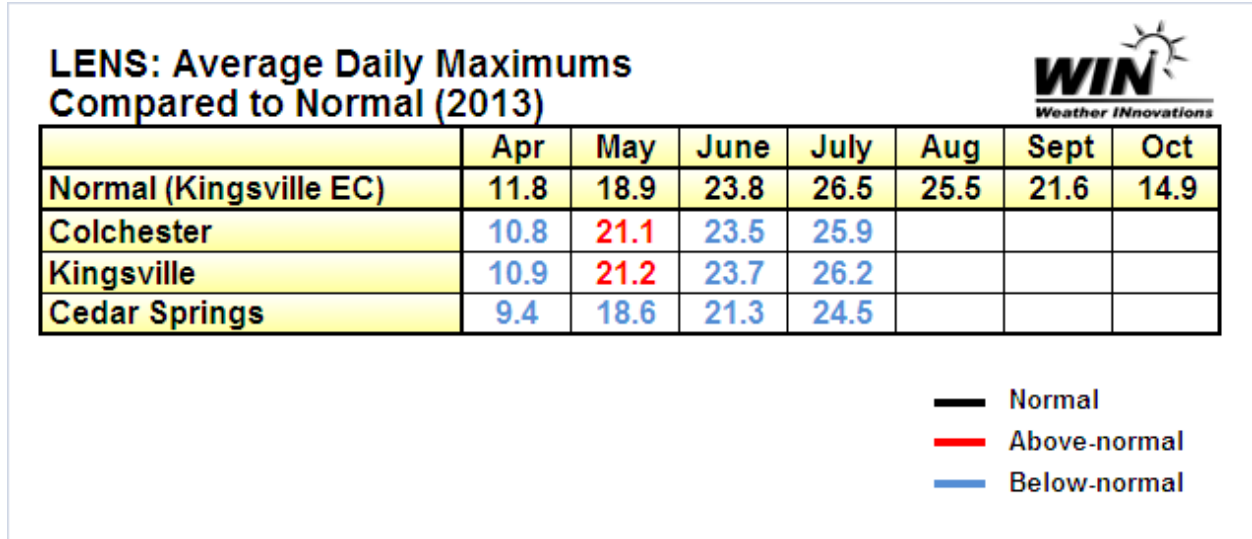


Figure 2: Maximum Temperatures

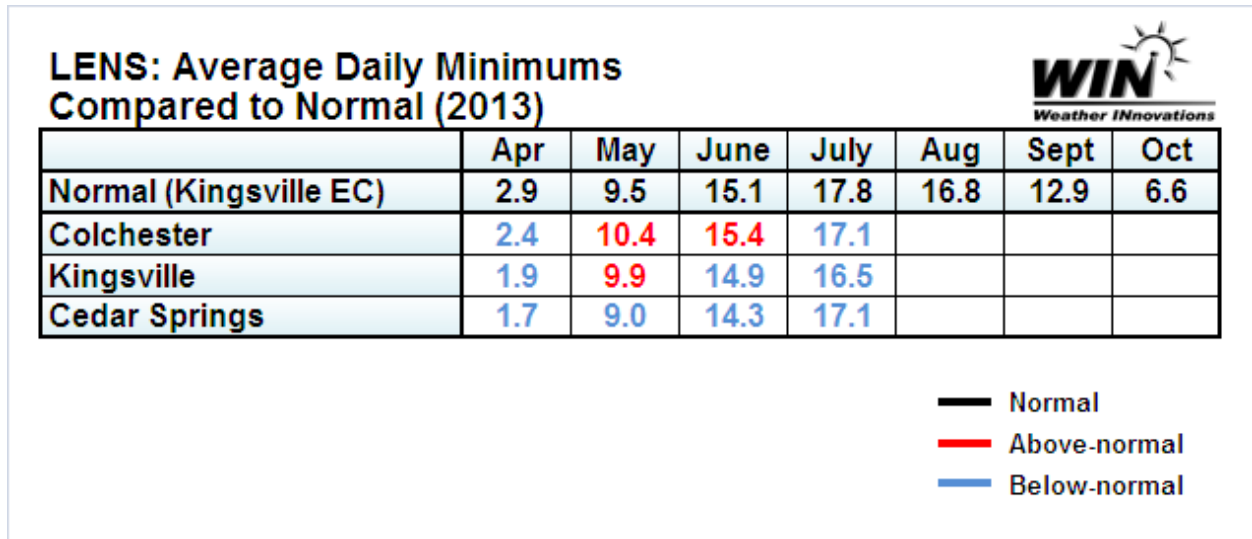


Figure 3: Minimum Temperatures

LENS: Base 10°C Growing Degree Days Compared to Normal (2013)

	Apr	May	June	July	Aug	Sept	Oct
Normal (Kingsville EC)	21.3	144.3	283.4	379.7	347.8	217.1	68.8
Colchester	13.3	189.9	283.8	356.1			
Kingsville	16.1	193.1	279.5	351.1			
Cedar Springs	5.6	140.0	234.1	335.4			

— Normal
— Above-normal
— Below-normal

Figure 4: Growing Degree Days

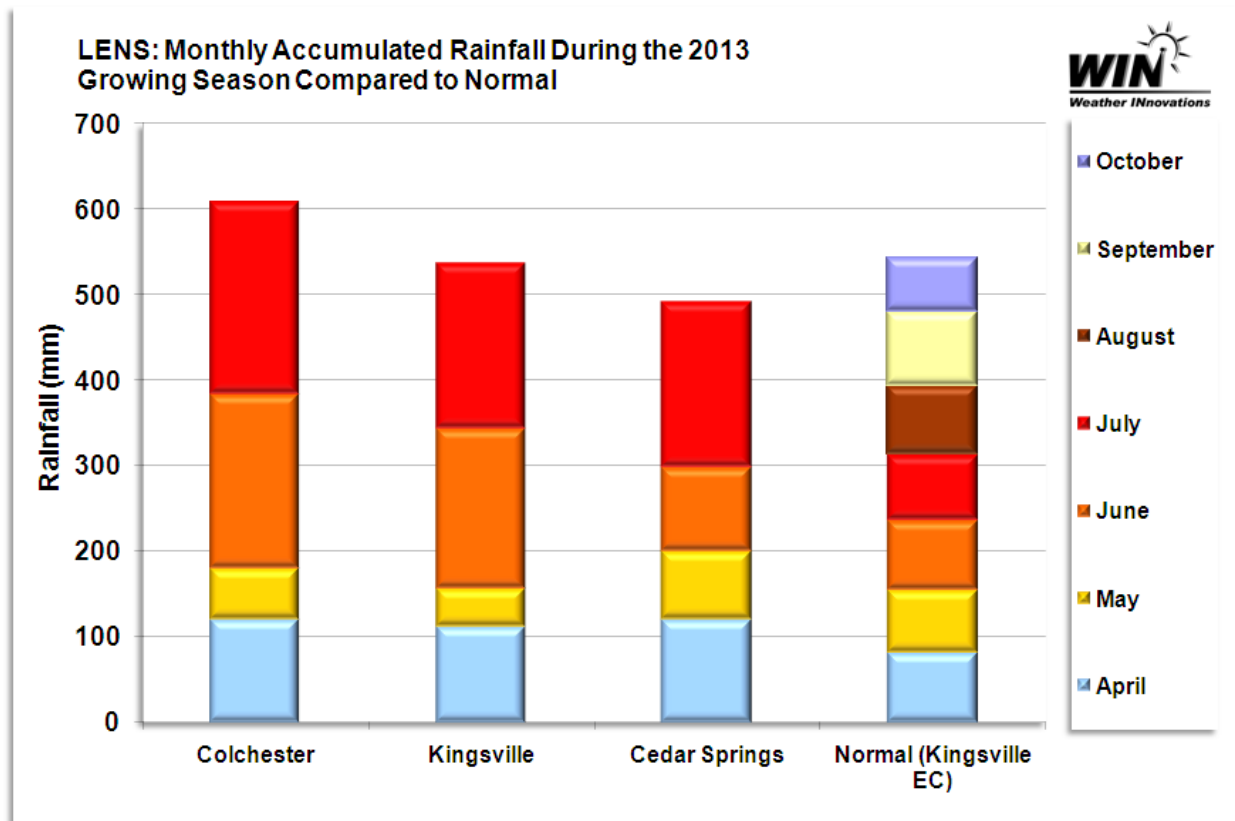


Figure 5: Rainfall