



Lake Erie North Shore - July 2011:

Significantly hot but wet conditions characterized the month of July. Accumulated growing degree days remain ahead of normal values as of the end of July (Fig 1). Day-time and night-time temperatures averaged above normal for each station (Fig 2 and 3). Daily maximum temperatures averaged 3°C above normal in July, while minimums averaged approximately 1°C above normal. The maximum temperature surpassed 30°C during 13 days in Kingsville, 12 in Colchester and 4 in Cedar Springs (Fig 4). This is well above the 30 year normal of 2-3 days.

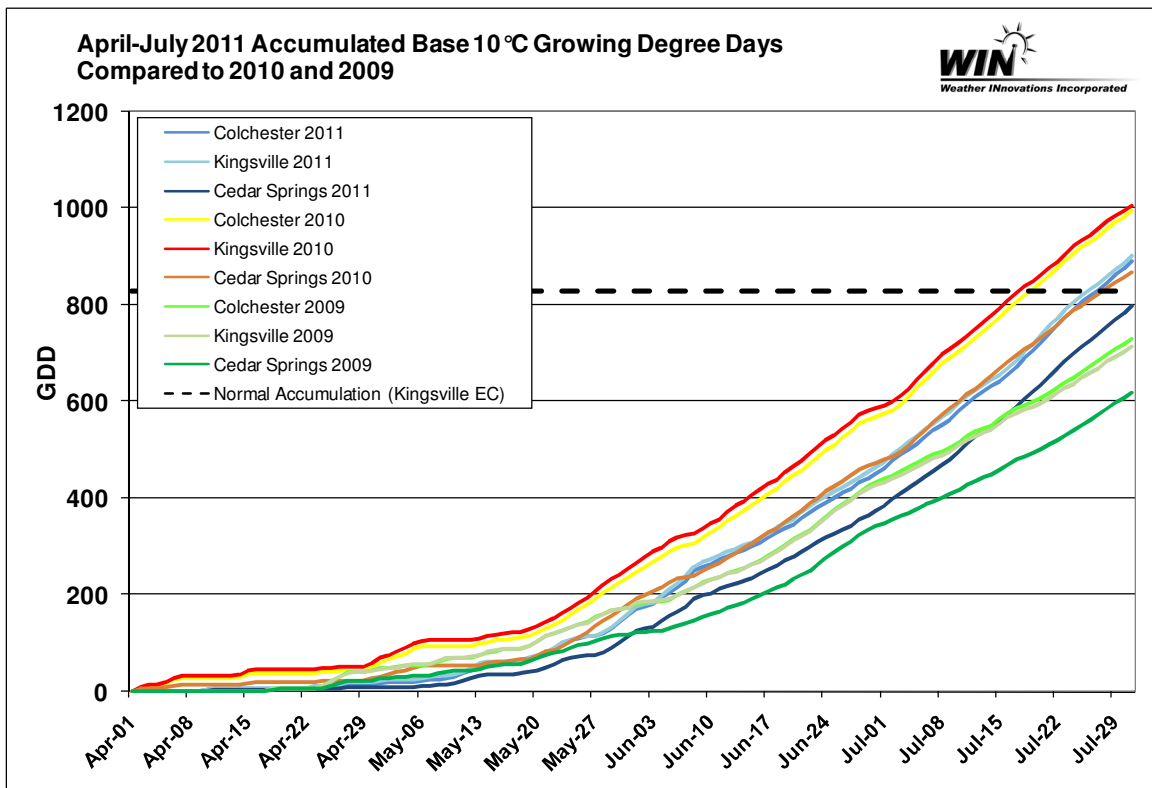


Figure 1: Growing Degree Days

Precipitation for the month of July totaled very high across the Lake Erie North Shore appellation. The slightly drier conditions experienced by many regions across the appellation in June were short-lived as July brought a number of intense and significant rainfall events. These events resulted in significantly above-normal rainfall for the month: 223% of normal for Colchester, 267% for Kingsville and 170% for Cedar Springs. In fact, the April – July precipitation accumulation has now surpassed the normal precipitation accumulation for the entire April – October growing season (Fig 4).

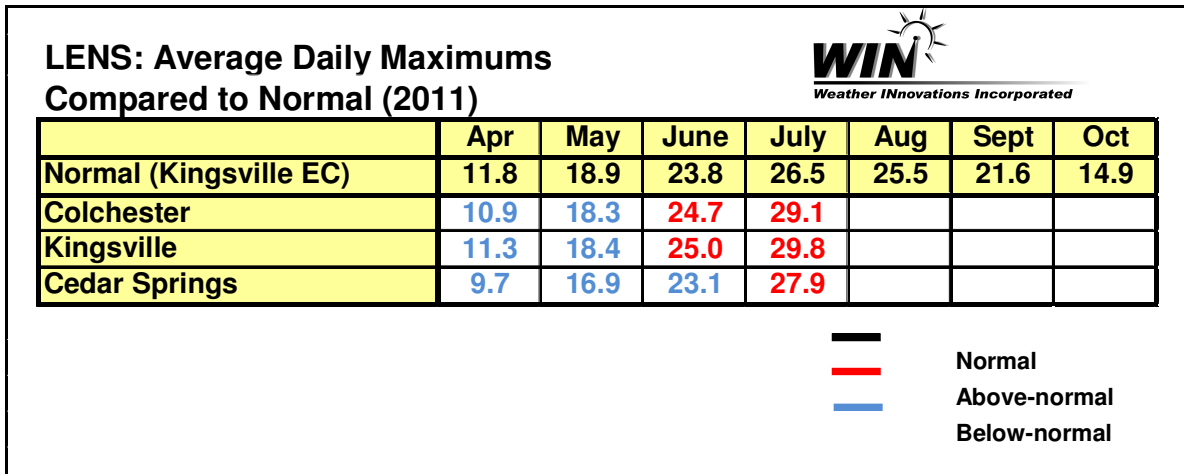


Figure 2: Maximum Temperatures

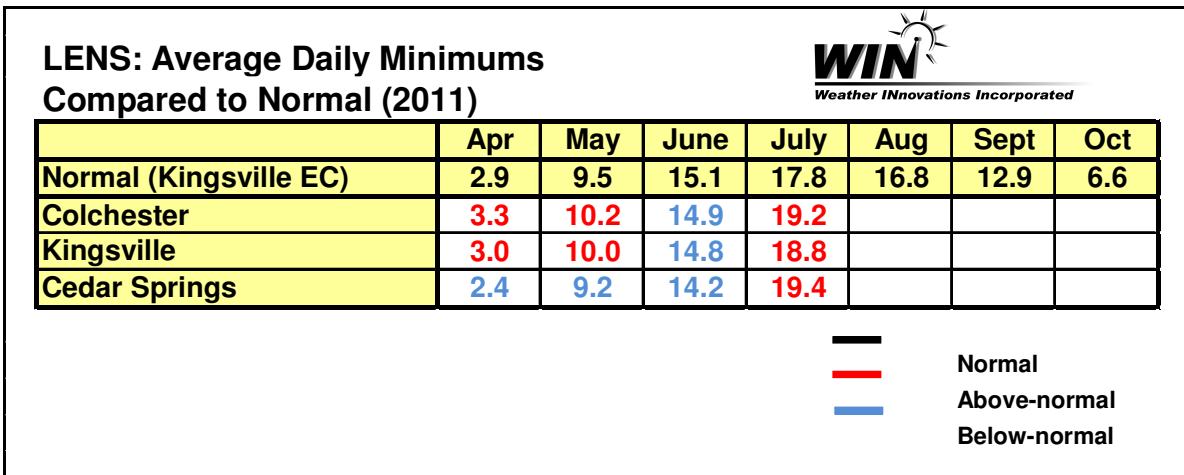


Figure 3: Minimum Temperatures

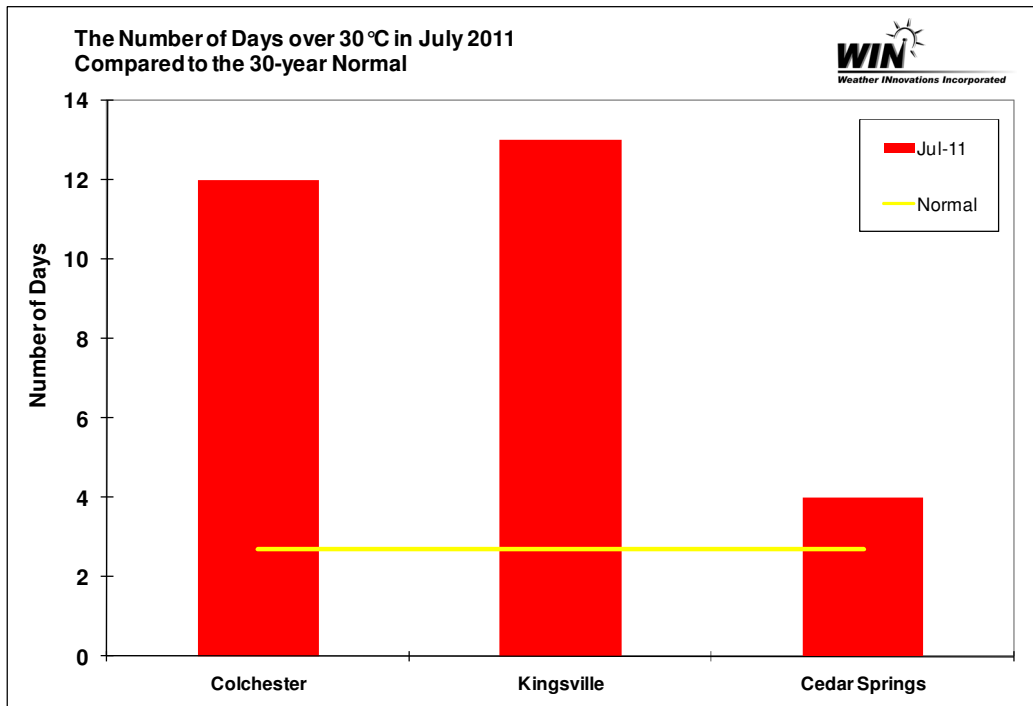


Figure 4: Days with the Maximum Temperature over 30 °C

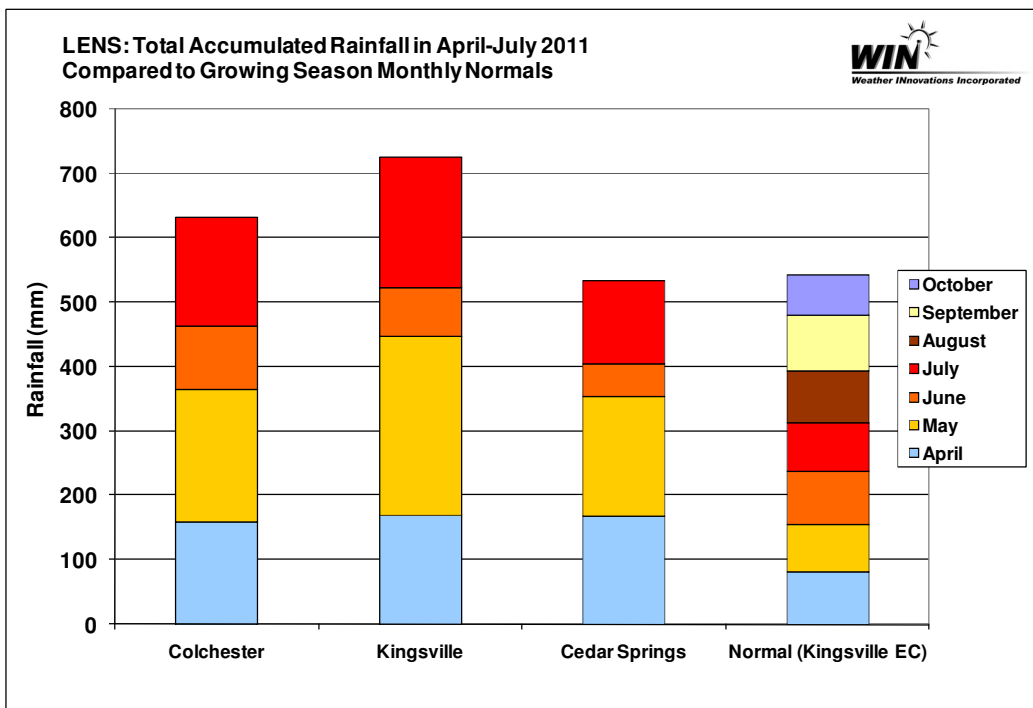


Figure 5: Monthly Rainfall