

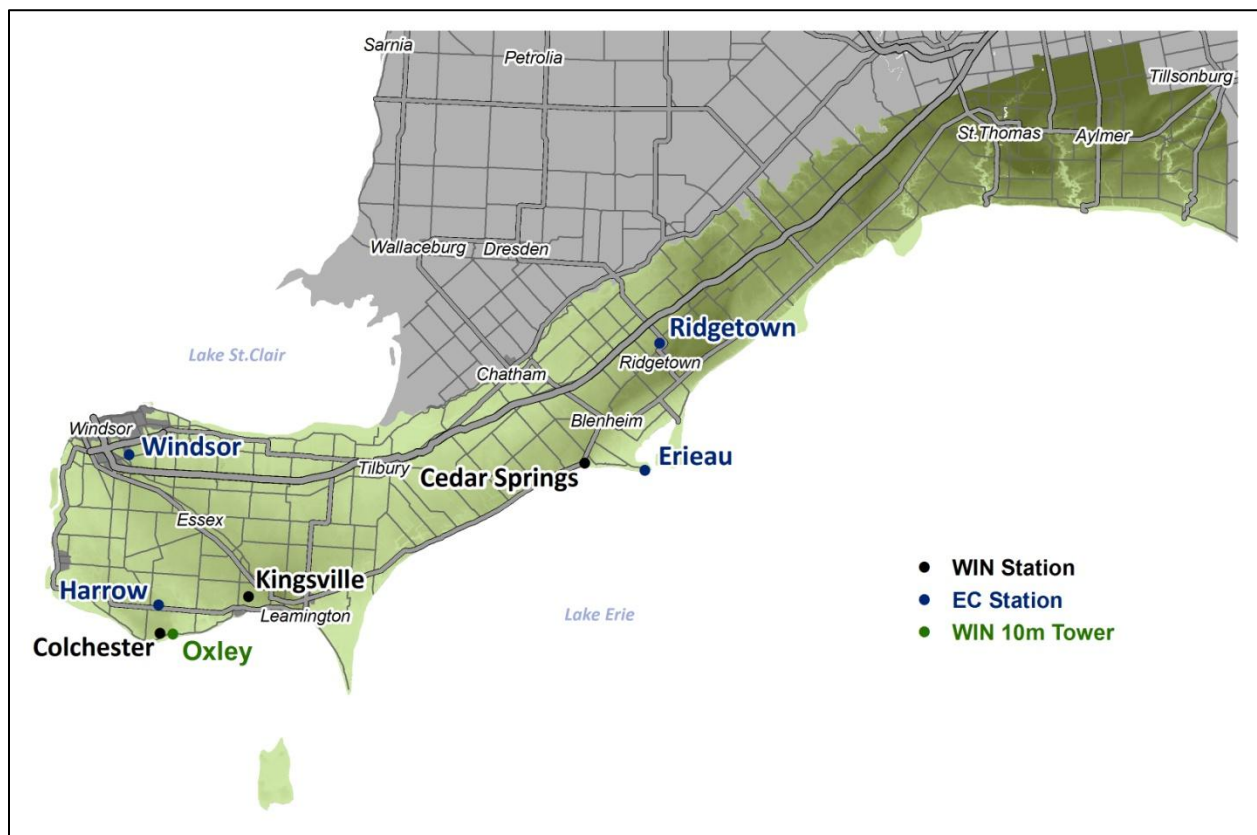


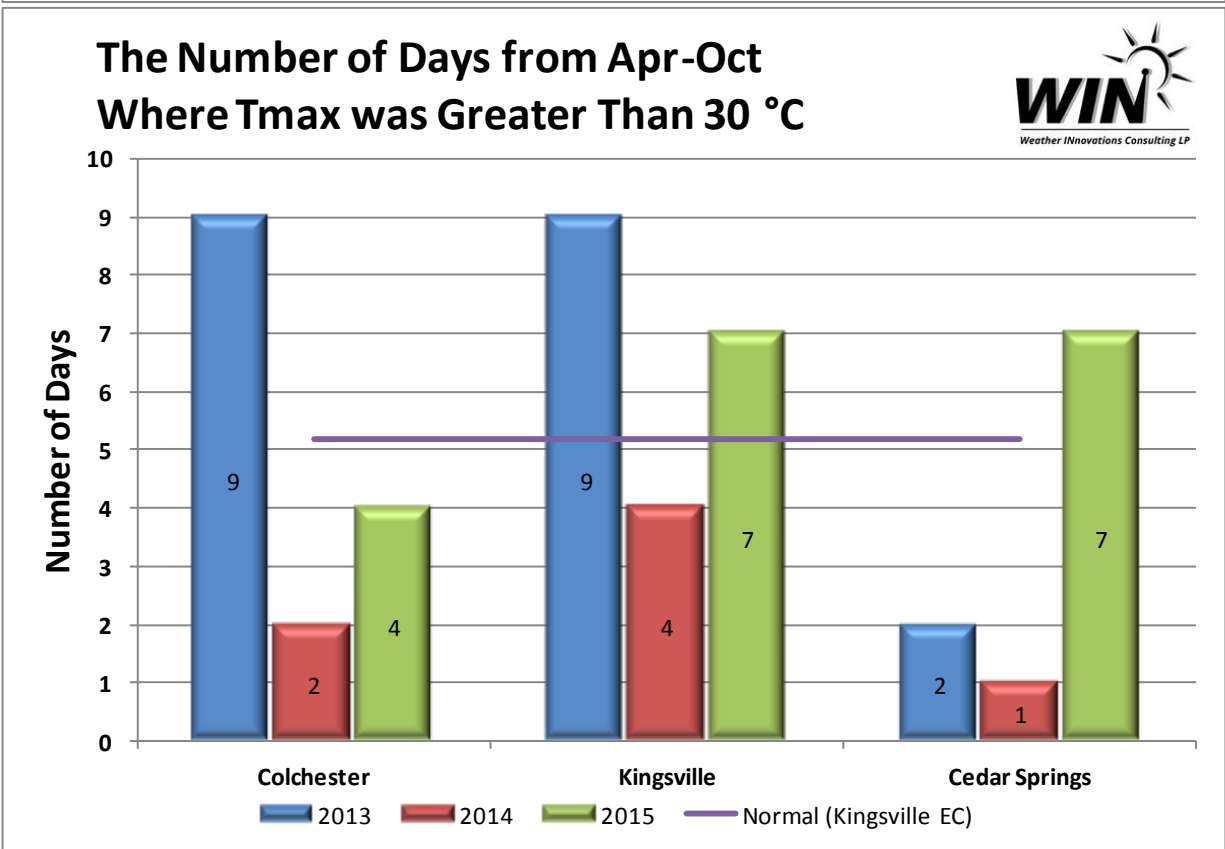
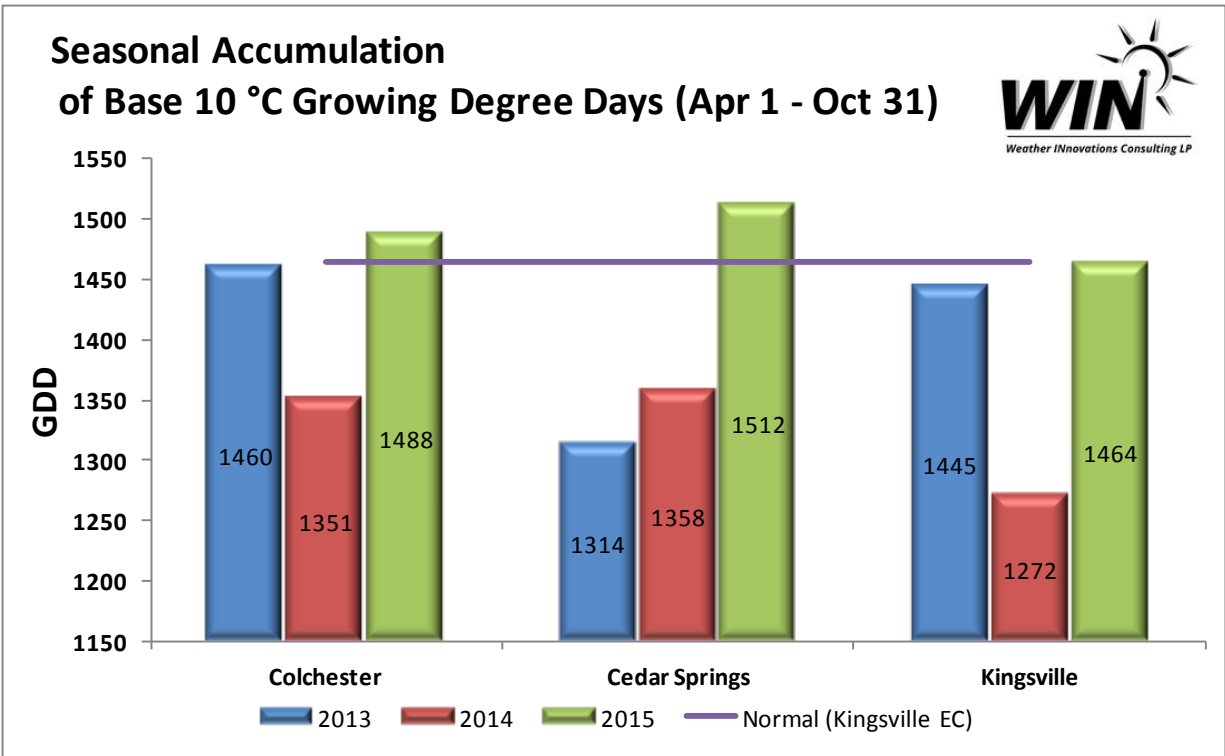
Lake Erie North Shore Appellation 2015 Growing Season Summary

Overview

The 2015 growing season in the Lake Erie North Shore appellation ended with slightly above normal heat units. Daytime high and overnight low temperatures were below normal during the summer months, while above normal temperatures occurred in the spring and fall. The months of May and June recorded significantly above normal rainfall, while the rest of the season was near normal precipitation.

All of these attributes are examined in the following report. The 30-year normal's used for comparisons in this report were taken from Environment Canada's Kingsville location. The station locations referred to in this report are shown in the following map:







LENS: Average Daily Maximums Compared to Normal (2015)



	Apr	May	June	July	Aug	Sept	Oct
Normal (Kingsville EC)	11.8	18.9	23.8	26.5	25.5	21.6	14.9
Colchester	12.2	20.6	22.9	25.9	25.1	23.9	15.9
Kingsville	12.1	21.4	23.0	25.8	25.1	24.0	15.9
Cedar Springs	11.1	18.2	22.0	26.4	26.0	25.1	16.6

- Normal
- Above-normal
- Below-normal

LENS: Average Daily Minimums Compared to Normal (2015)



	Apr	May	June	July	Aug	Sept	Oct
Normal (Kingsville EC)	2.9	9.5	15.1	17.8	16.8	12.9	6.6
Colchester	2.9	11.1	14.7	16.2	16.5	14.8	7.0
Kingsville	2.5	11.0	14.4	14.8	14.6	14.3	6.6
Cedar Springs	2.9	10.2	14.7	16.7	16.7	16.0	8.3

- Normal
- Above-normal
- Below-normal

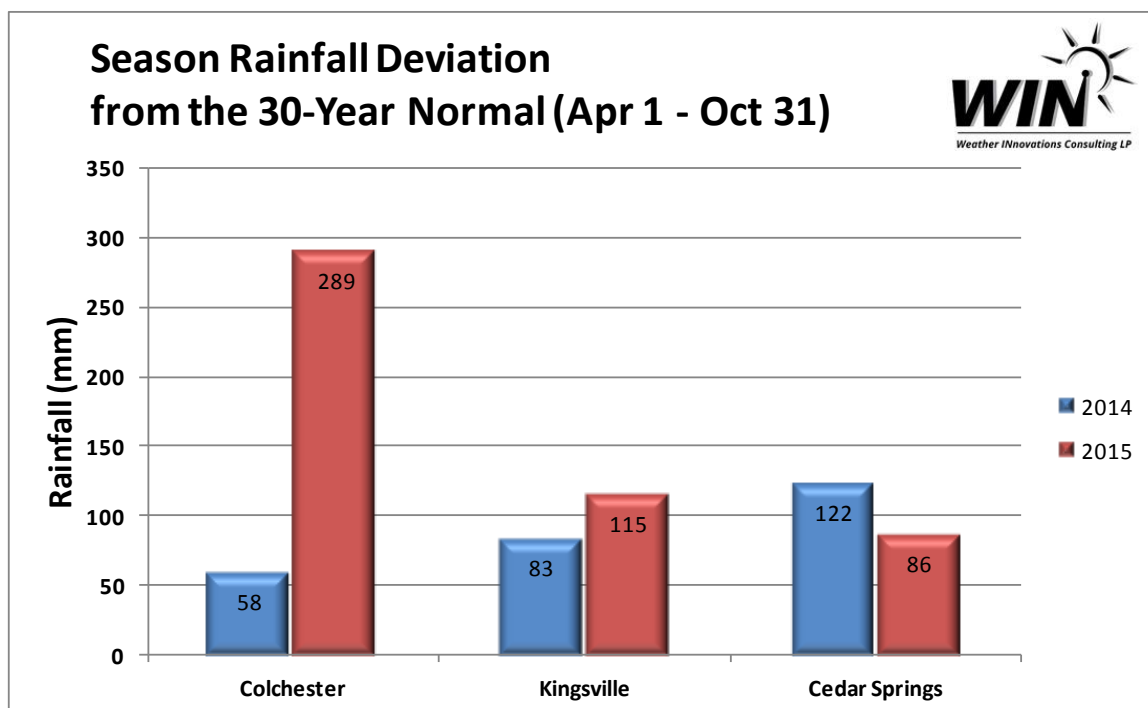


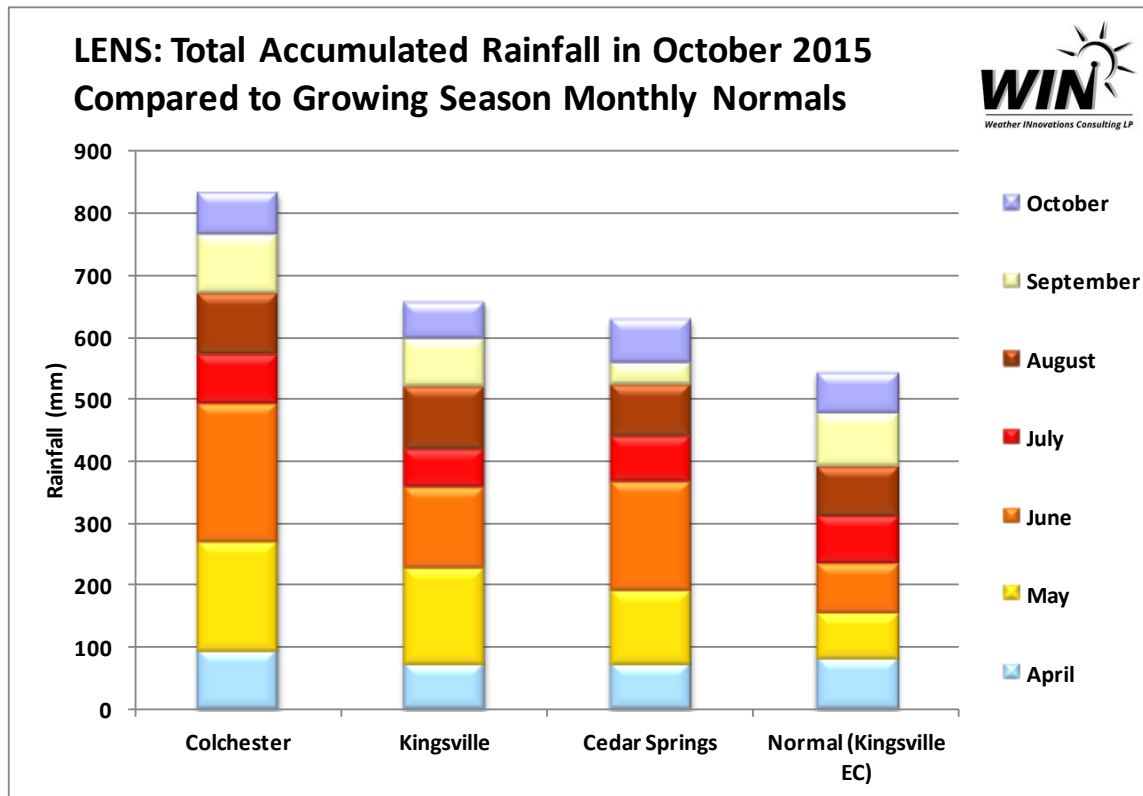
Precipitation

The 2015 growing season can be summarized as having near normal rainfall in April and from July through October with significantly above normal rainfall during May and June. Overall, the growing season precipitation averaged 153 % of normal at Colchester, 121 % of normal at Kingsville, and 116 % of normal at Cedar Springs.

April precipitation averaged 99 % of normal across the three stations. Stations recorded between 159 % of normal at Cedar Springs and 239 % of normal at Colchester in May. June was a similar story with all three stations averaging 213 % of normal, Kingsville recording 158 %, Cedar Springs 213 %, and Colchester at 269 % of normal rainfall.

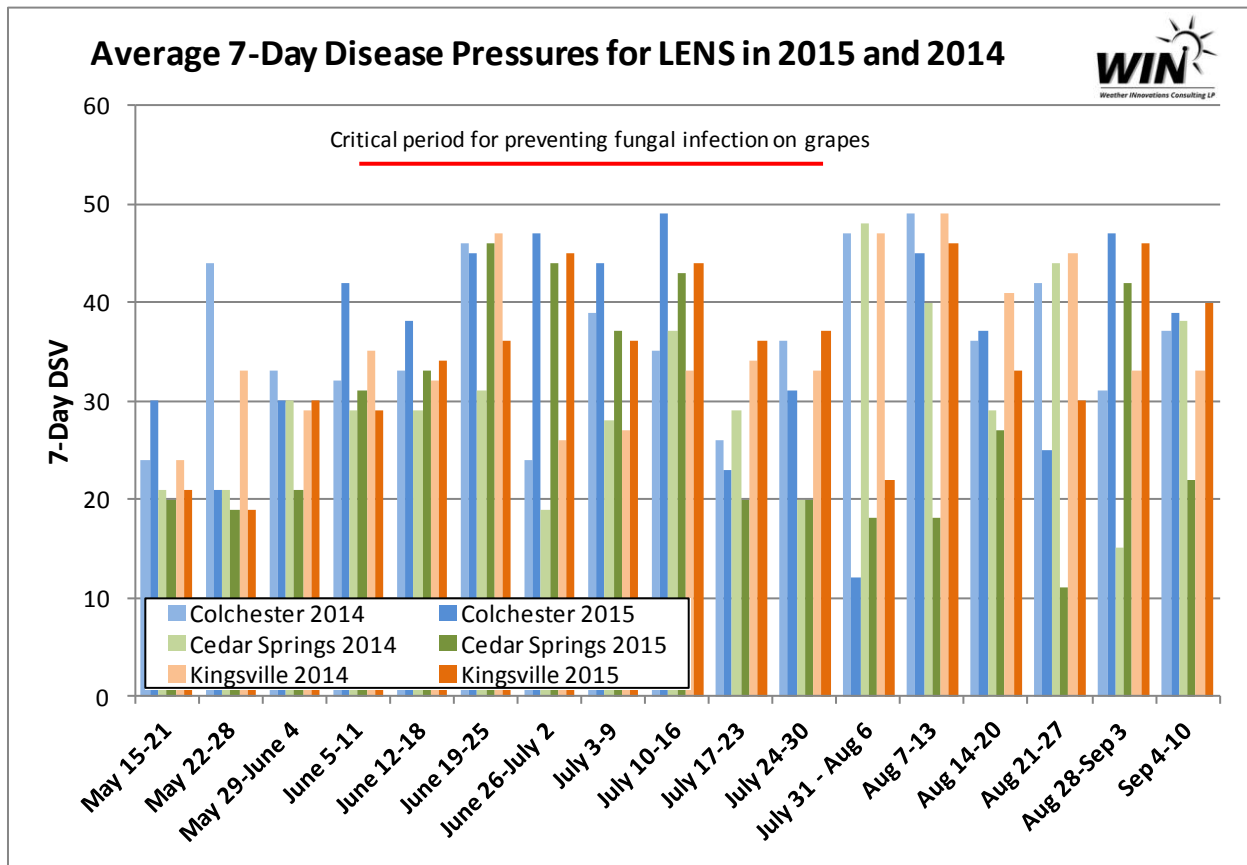
Excess precipitation occurred during the next four months at the Colchester station, while Kingsville and Cedar Springs varied between slightly below normal to near normal rainfall during those months. July precipitation averaged 95 % of normal at the three stations. During August, all 3 stations recorded slightly above normal, with values between 103 % at Cedar Springs and 125 % at Kingsville. Colchester recorded 108 % of normal rainfall compared to 91 % of normal at Kingsville and only 39 % of normal at Cedar Springs during September. Stations returned to near normal levels for October. Colchester recorded 109 % of normal in October, while Kingsville recorded 94 % and Cedar Springs recorded 112 % of normal.





Disease Pressure

The Lake Erie North Shore appellation experienced slightly lower disease pressure at all three stations than in 2014. The graph below shows that the June 26 to July 2 and August 28 to September 3 periods were the most critical periods during 2015. These periods had a high accumulation of disease severity values, while the periods of July 31 to August 6 and August 21 to 27 shows notably lower disease pressures than in 2014.



Conclusion

The 2015 growing season accumulated above normal heat units and was notable for above normal spring and fall temperatures. Excess precipitation fell during May and June at all locations. Stations recorded near normal rainfall during the rest of the season. Below normal temperatures occurred during the summer months of June, July, and August.

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