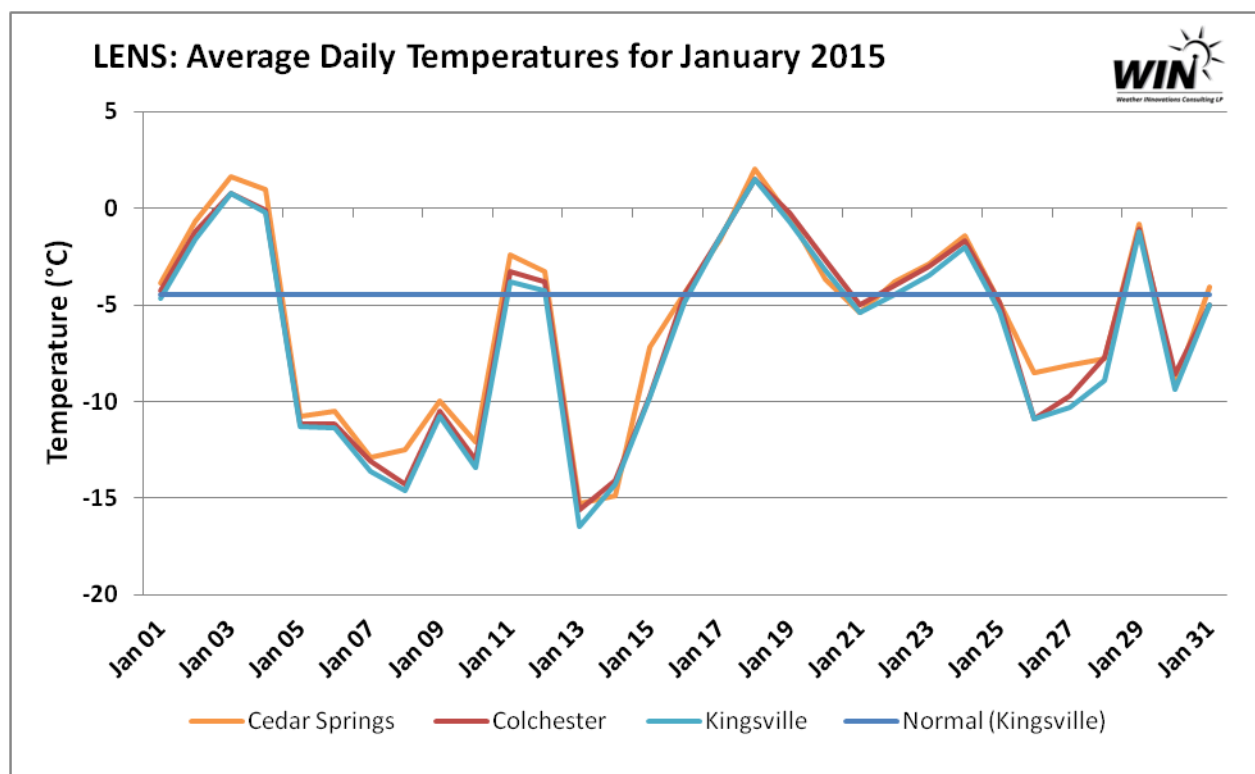




January 2015

Overview

Following a warm December, January arrived with below normal temperatures. Average monthly temperatures were -5.8°C at Cedar Springs, -6.2°C at Colchester, and -6.6°C at Kingsville (compared to -8.3°C , -8.3°C , and -8.5°C , respectively, in 2104). Accordingly, the average monthly temperatures were 1.3°C to 2.1°C below normal for this appellation, compared to 3.8°C to 4.0°C below normal in 2014. These statistics are based on Environment Canada's 30-year normal for Kingsville. This summary illustrates minimum January 2015 temperatures and the icewine harvest opportunities that arose. For this report, icewine hours are defined as instances when the average hourly temperature ranged between -8.0°C and -12.0°C , inclusive.



Temperature Analysis

The January 2015 monthly minimum temperature for each site was -21.7°C at the Cedar Springs station, -19.4°C at the Colchester station, and -21.7°C at the Kingsville station (compared to -24.8°C , -24.4°C , and -24.2°C , respectively, in 2014). These monthly minimum temperatures occurred on January 13 and January 14. There were 20 days, compared to 20 days in January 2014, when temperatures at one or more stations dipped into icewine temperature ranges. These temperature characteristics are shown in the following figures.



LENS: January 2015 Daily Minimums

Date	Cedar Springs	Colchester	Kingsville
1-Jan	-7.3	-7.3	-7.9
2-Jan	-2.3	-2.6	-2.9
3-Jan	-1.4	-1.5	-2.6
4-Jan	-5.6	-6.2	-6.2
5-Jan	-12.9	-12.8	-13.1
6-Jan	-13	-15.6	-15.3
7-Jan	-15.4	-15.4	-16.2
8-Jan	-15.5	-17.8	-17.8
9-Jan	-15	-15.1	-15.5
10-Jan	-15.4	-15.8	-16
11-Jan	-6.2	-7.6	-8.3
12-Jan	-10.3	-10.3	-10.9
13-Jan	-20	-19.4	-21.7
14-Jan	-21.7	-18.3	-21.7
15-Jan	-13.5	-18	-16.2
16-Jan	-8.6	-8.2	-8.5
17-Jan	-7.4	-7.6	-8.1
18-Jan	0.7	0.1	0
19-Jan	-2.7	-2	-2.5
20-Jan	-6.4	-5.1	-5.4
21-Jan	-6.4	-5.6	-6.2
22-Jan	-6.4	-8.4	-8.9
23-Jan	-5.3	-6.4	-6.6
24-Jan	-4.5	-5.5	-6.6
25-Jan	-8.9	-9.6	-9.8
26-Jan	-13.6	-15.5	-15
27-Jan	-11.9	-14.7	-15.9
28-Jan	-15.3	-12.6	-16.3
29-Jan	-3.6	-4.9	-4.6
30-Jan	-15.1	-14.7	-16.4
31-Jan	-14.8	-10.1	-11.2



	Days with Ice Wine Temperatures
	Monthly Minimum



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LENS: January 2015 Daily Temperatures Compared to Normal

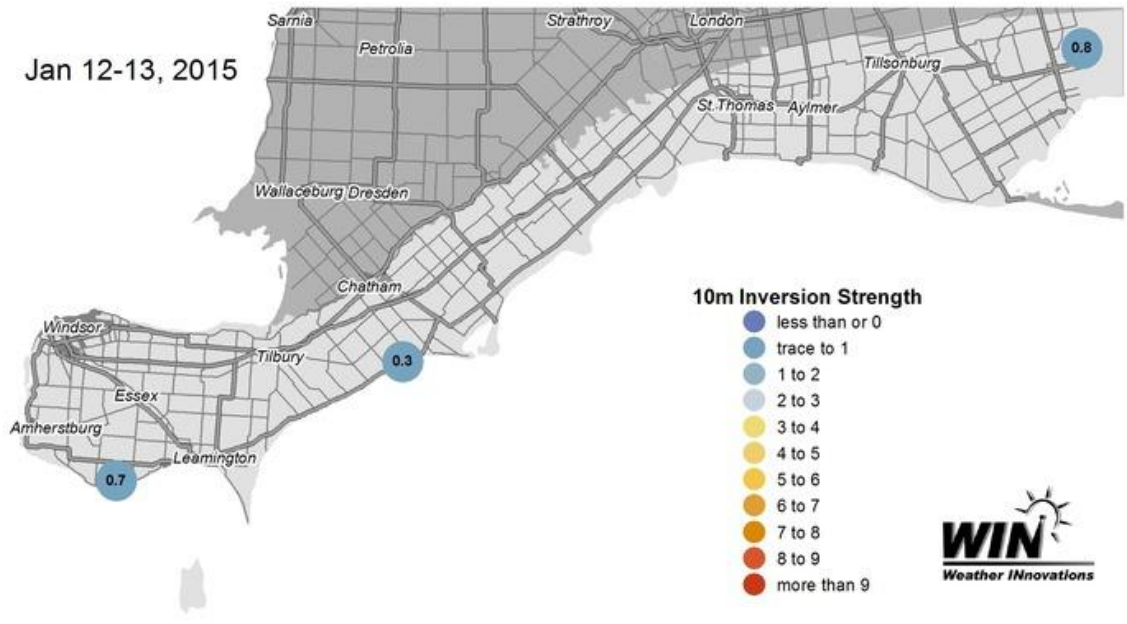
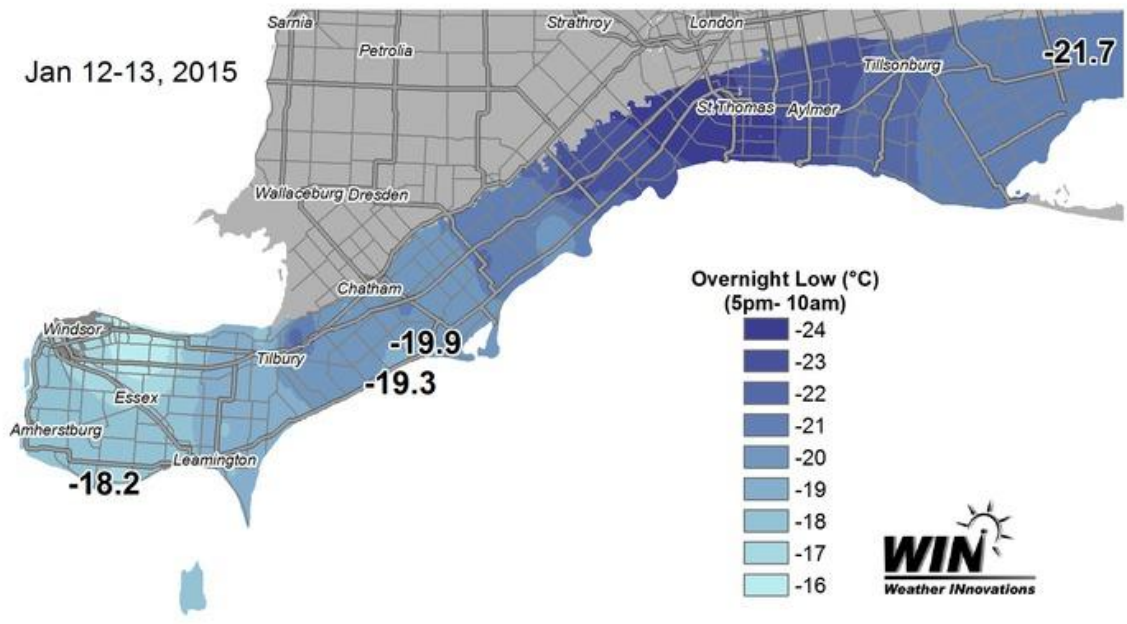
	Cedar Springs	Colchester	Kingsville	Normal (Kingsville)
Days with Maximum Temperature:				
<= 0 °C	22	22	22	16.6
> 0 °C	9	9	9	14.5
> 10 °C	0	0	0	0.4
> 20 °C	0	0	0	0
> 30 °C	0	0	0	0
> 35 °C	0	0	0	0
Days with Minimum Temperature:				
> 0 °C	1	1	0	2
<= 2 °C	31	31	31	30.4
<= 0 °C	30	30	31	29
<= -2 °C	29	29	30	25
<= -10 °C	15	15	15	11.6
<= -20 °C	2	0	2	0.8
<= -30 °C	0	0	0	0





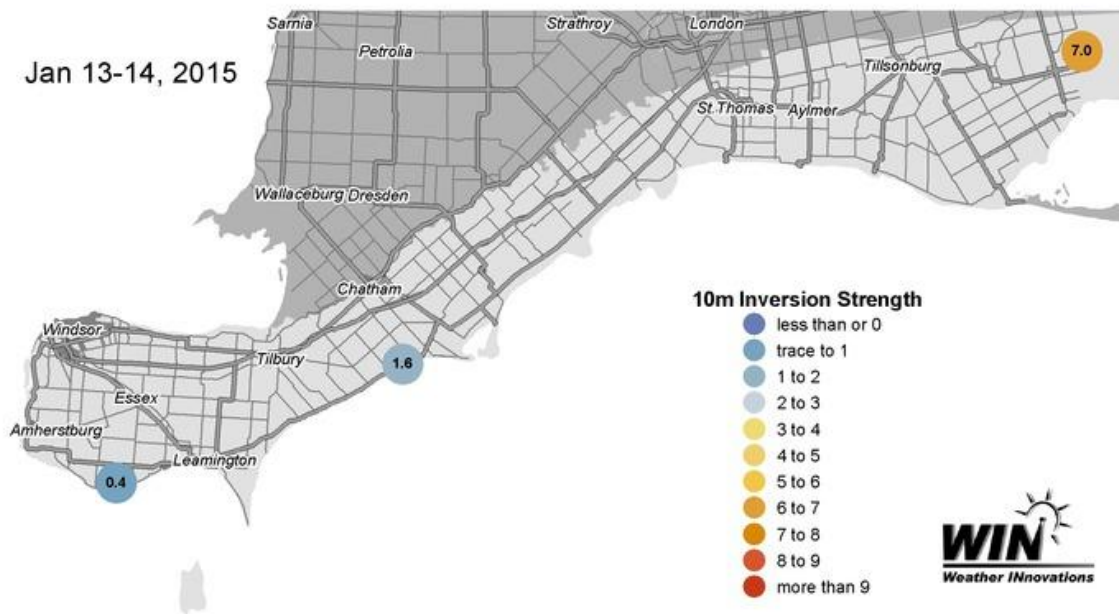
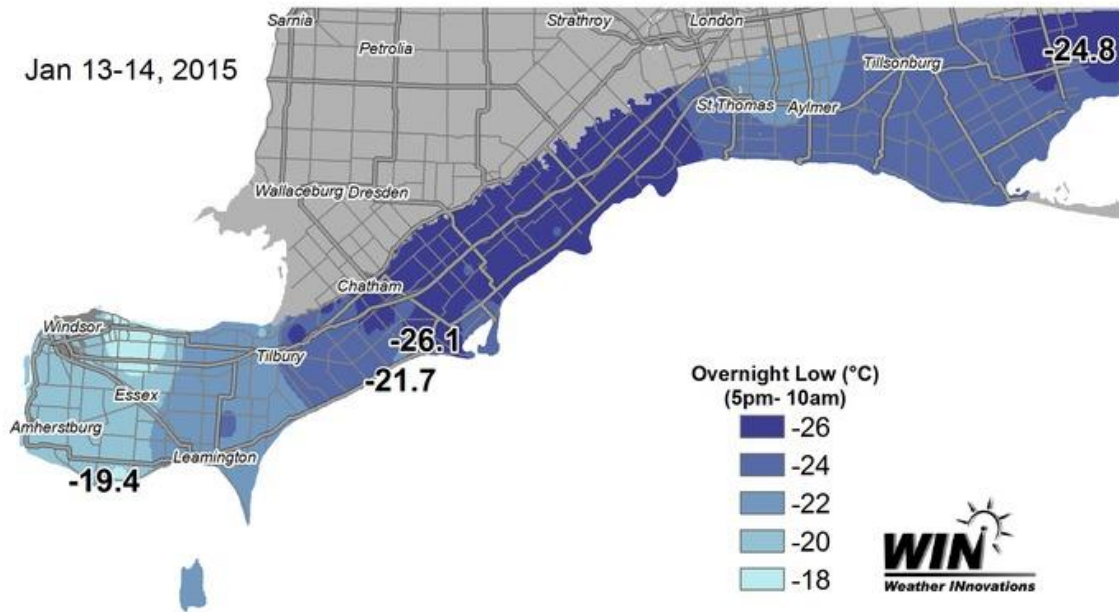
Inversion Strength

The following four figures show the coldest January nights: January 12-13, and January 13-14. Note that the January 12-13 event did not have an inversion, while the January 13-14 event did.





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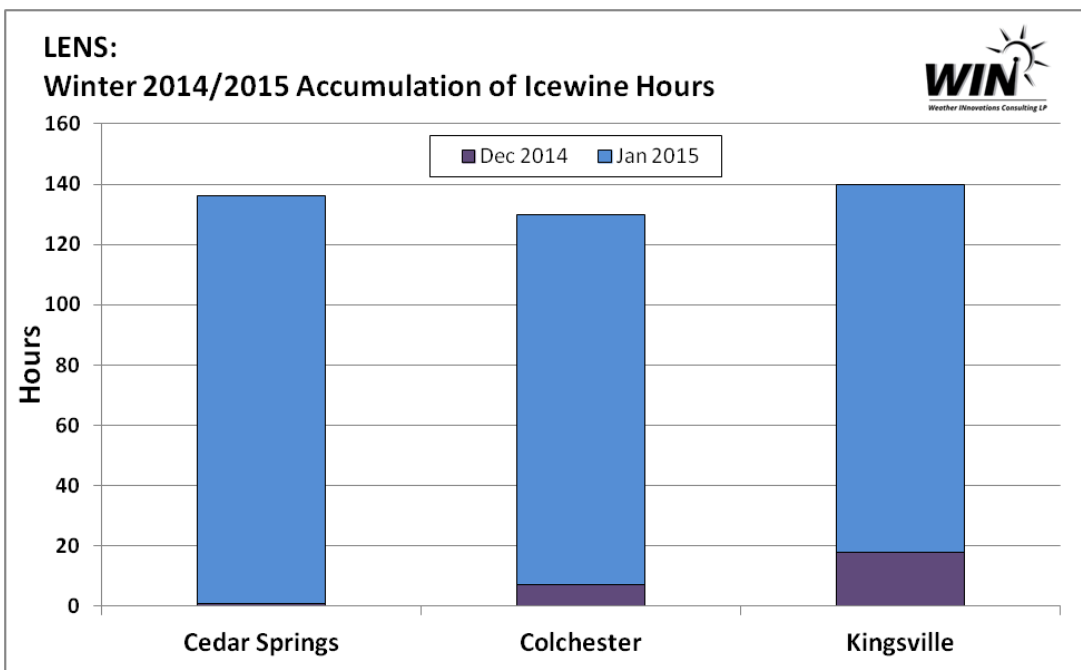
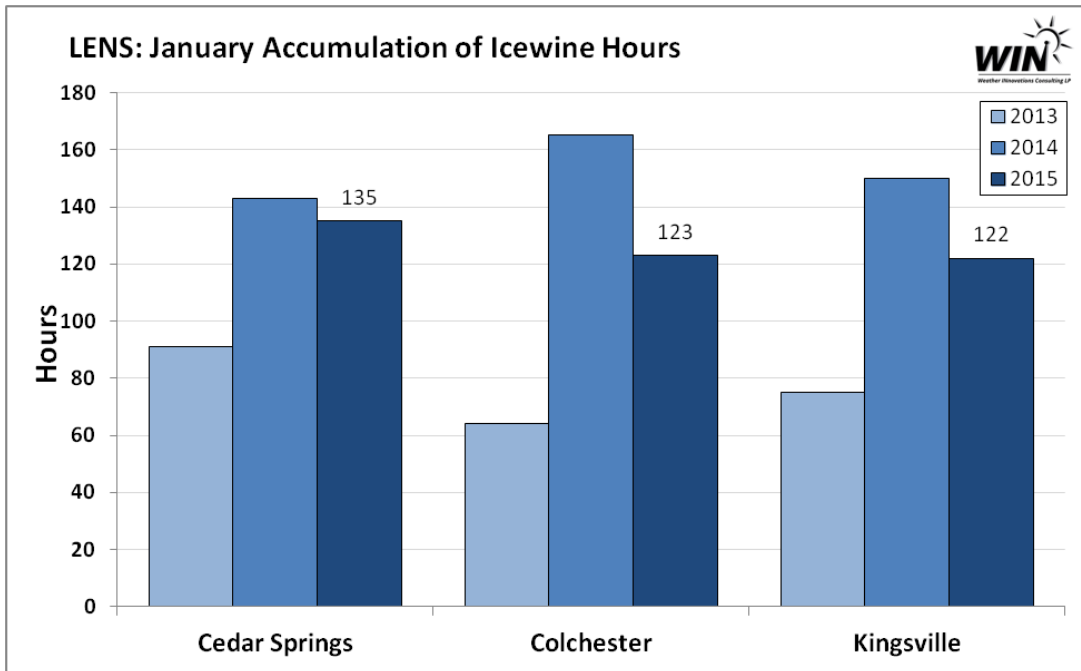
Icewine Hours Analysis

Unlike December, icewine hours steadily accumulated in January. As seen in the following two figures, all of the stations accumulated a greater number of icewine hours than in 2013, but accumulated fewer icewine hours than in 2014. A total of 135 icewine hours were recorded at the Cedar Springs station



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(compared to 143 hours in 2014). Colchester recorded 123 icewine hours (compared to 165 hours in 2014), and Kingsville recorded 122 icewine hours (compared to 150 hours in 2014). The 2014/2015 two month accumulations totaled between 130 and 140 icewine hours. Due to the frequent icewine harvest opportunities in January, many completed the icewine harvest by the end of the month. The following figures illustrate how the accumulation of icewine hours differed across the appellation.





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Summary

January 2015 temperatures were below normal in the Lake Erie North Shore appellation. Average temperatures for the month were 1.3 °C to 2.1 °C below the 30-year normals. The coldest January temperature reached –21.7 °C at the Cedar Springs and Kingsville stations on January 14. January 2015 provided a suitable number of opportunities to harvest icewine grapes, following few accumulated icewine hours in December 2014. These conditions led to many competing icewine harvests by the end of January this year.