



Weather INnovations Incorporated



February 2010 Summary

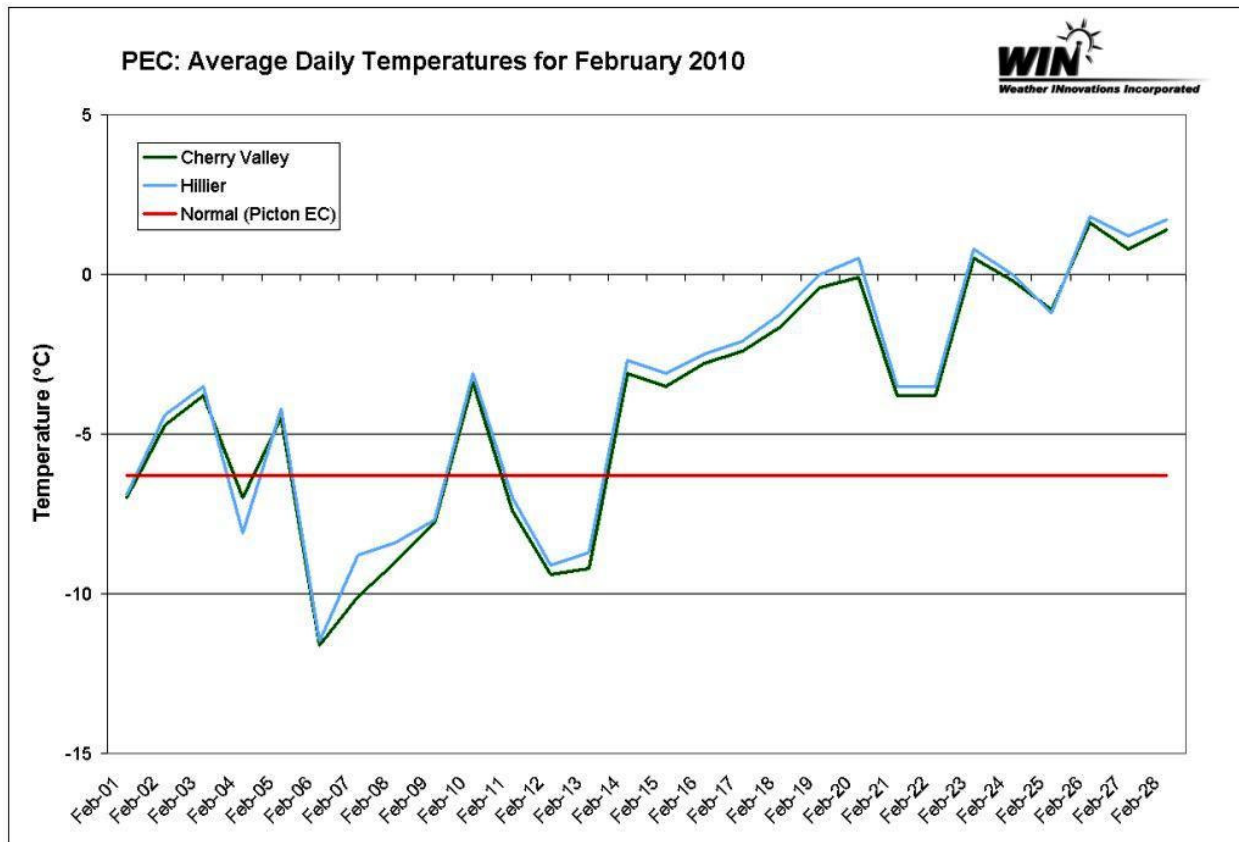
Prince Edward County

WIN Staff
March 12, 2010



OVERVIEW

February 2010 temperatures were warmer than normal in Prince Edward County, with an average monthly temperature of -4.1°C at Cherry Valley and -3.8°C at Hillier. Accordingly, the average monthly temperature at Cherry Valley was 2.2°C above-normal, while the average monthly temperature at Hillier was 2.5°C above-normal. These statistics are based on Environment Canada's 30-year normal for Picton. The coldest February temperature occurred at the Hillier station on the 7th. The above normal temperatures that arose in February did not pose any issues for the ice wine harvest, as there were sufficient ice wine hours in December, January and the beginning of February to complete the harvest.



TEMPERATURE ANALYSIS

The monthly minimum temperature for each site in February 2010 was -17.6°C at the Cherry Valley station and -18.1°C at the Hillier station. These monthly minimum temperatures occurred on the 7th of February. There were 13 days when temperatures, at one or more stations, dipped into ice wine temperature ranges. This is illustrated in the following figure.

PEC: February 2010 Daily Minimums

Date	Cherry Valley	Hillier
01-Feb	-13.4	-14.2
02-Feb	-8.7	-9.9
03-Feb	-6.7	-7.1
04-Feb	-16.5	-17.8
05-Feb	-9.5	-9.1
06-Feb	-14.6	-16.4
07-Feb	-17.6	-18.1
08-Feb	-12.9	-13.1
09-Feb	-13.5	-14.6
10-Feb	-5.8	-5.7
11-Feb	-10.9	-11
12-Feb	-14.9	-16.8
13-Feb	-15.5	-16.4
14-Feb	-6	-5.9
15-Feb	-6.8	-8
16-Feb	-5	-4.5
17-Feb	-4	-4.2
18-Feb	-3.1	-3.2
19-Feb	-2	-1.8
20-Feb	-2.4	-2.6
21-Feb	-6.9	-6.6
22-Feb	-8.7	-9.1
23-Feb	-0.5	-0.4
24-Feb	-1.8	-1.8
25-Feb	-2.4	-2.3
26-Feb	-1.7	-1.5
27-Feb	-0.3	0
28-Feb	-1	-0.1



Legend:

	Days with Ice Wine Temperatures
	Monthly Minimum

SUMMARY

February 2010 temperatures were above normal; average temperatures for the month were 2.2°C to 2.5°C above the 30-year normal for Picton. There were 13 days when temperatures, at one or more stations, dipped into ice wine temperature ranges. The coldest February event took place on the 7th, reaching -18.1°C at the Hillier station. The first half of February provided some suitable hours for ice wine harvest; however, the majority of the harvest was completed in December and January. The latter half of February was significantly warmer than the first half of the month. Consequently, February 2010 conditions have been less challenging for the grape industry in Prince Edward County.

