

## May 2013:

May temperatures trended similarly to April temperatures in that day-time highs averaged higher than normal and overnight lows averaged below normal. The resulting accumulated growing degree days (base 10°C) for the month were slightly higher than normal. The growing-degree-day accumulation thus far falls behind the 2012 growing season but ahead of the 2011 growing season. The month of May brought minimal rainfall until the end of the month when 2 inches of rain fell within 2 days. As a result, May rainfall averaged 106% of normal across Niagara West and 92% of normal across Niagara East.

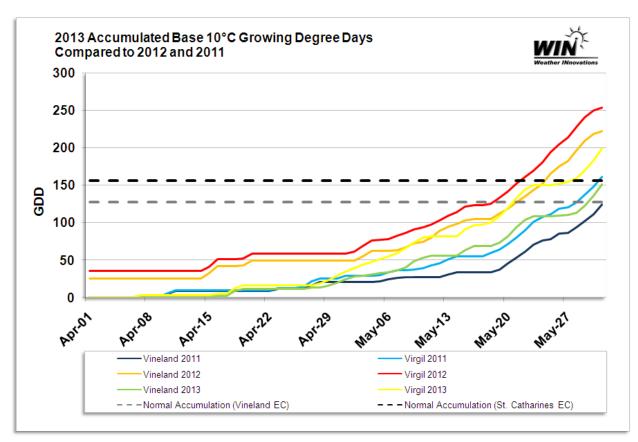


Figure 1: Growing Degree Days



	Apr	May	June	July	Aug	Sept	Oct
Normal (Vineland EC)	11.1	17.8	23.1	26.5	25.1	20.9	14.1
Winona	11.2	20.4					
Grimsby	11.0	20.6					
West Lincoln	11.2	21.3					
Lincoln Fly Road	11.1	21.1					
Beamsville	11.6	21.4					
Lincoln Hwy 8	11.1	20.6					
Lincoln Lakeshore	11.2	20.2					
Vineland Cherry Ave.	11.5	20.9					
Vineland Escarpment	11.5	21.4					
Jordan Escarpment	11.6	21.7					
Jordan Hwy 8	12.2	21.9					
Jordan Harbour	11.5	20.3					
Rockway	11.9	21.8					

Figure 2: Niagara West - Maximum Temperatures

	Apr	Sept					
Normal (St. Catharines EC)	12.2	19.4	24.3	27.1	25.9	21.5	14.9
St. Catharines Glass Ave	12.0	21.9					
St. Catharines Third Ave	12.0	22.1					
St. Catharines Fifth St	12.1	22.0					
West St. Catharines	12.7	22.8					
Niagara College	12.6	22.2					
St. David's Bench	12.6	22.6					
Niagara Airport	12.5	22.6					
Virgil	12.7	22.5					
Virgil East	12.4	22.2					
NOTL Irvine Road	11.7	21.4					
Lakeshore	11.7	21.1					
Parkway	12.2	21.8					
Queenston	13.6	23.6					

Figure 3: Niagara East - Maximum Temperatures



	Apr	May	June	July	Aug	Sept	Oct
Normal (Vineland EC)	2.3	7.5	13.1	16.9	16.3	12.5	6.4
Winona	0.9	7.6					
Grimsby	0.0	6.4					
West Lincoln	0.3	7.8					
Lincoln Fly Road	0.8	7.9					
Beamsville	1.2	8.2					
Lincoln Hwy 8	0.8	7.6					
Lincoln Lakeshore	1.3	7.7					
Vineland Cherry Ave	0.4	6.8					
Vineland Escarpment	1.2	8.1					
Jordan Escarpment	1.0	7.9					
Jordan Hwy 8	1.2	8.0					
Jordan Harbour	0.7	7.4					
Rockway	0.6	7.1					

**Figure 4: Niagara West - Minimum Temperatures** 

	Apr May June July Aug						Sept Oct		
Normal (St. Catharines EC)	2.1	7.8	13.3	16.4	15.7	11.6	5.6		
St. Catharines Glass Ave	1.0	7.3							
St. Catharines Third Ave	0.6	7.1							
St. Catharines Fifth Ave	0.7	7.2							
West St. Catharines	1.3	7.6							
Niagara College	1.8	8.6							
St. David's Bench	1.6	8.2							
Niagara Airport	1.2	8.0							
Virgil	1.2	7.7							
Virgil East	1.1	7.5							
NOTL Irvine Road	1.5	8.1							
Lakeshore	1.6	7.8							
Parkway	1.7	7.8							
Queenston	1.8	8.1							

Figure 5: Niagara East - Minimum Temperatures



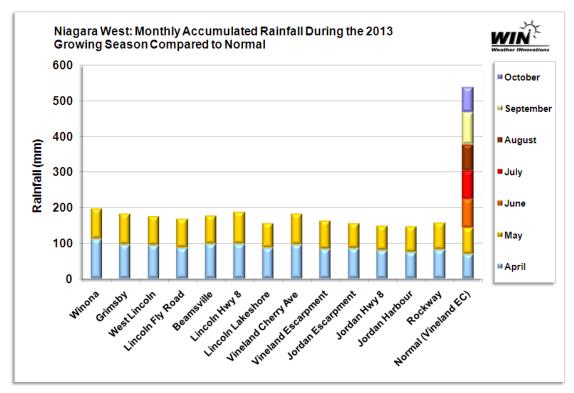


Figure 6: Niagara West - Rainfall

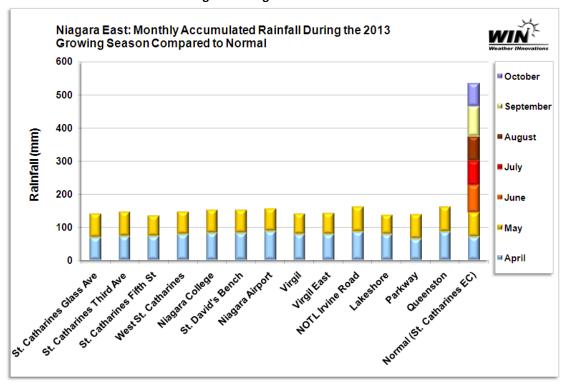


Figure 7: Niagara East - Rainfall