



## In The Vineyard

*Hans Walter-Peterson*

As I mentioned last week, general updates regarding ripening progress and harvest will be included in the weekly Veraison to Harvest newsletters that will start going out this week.

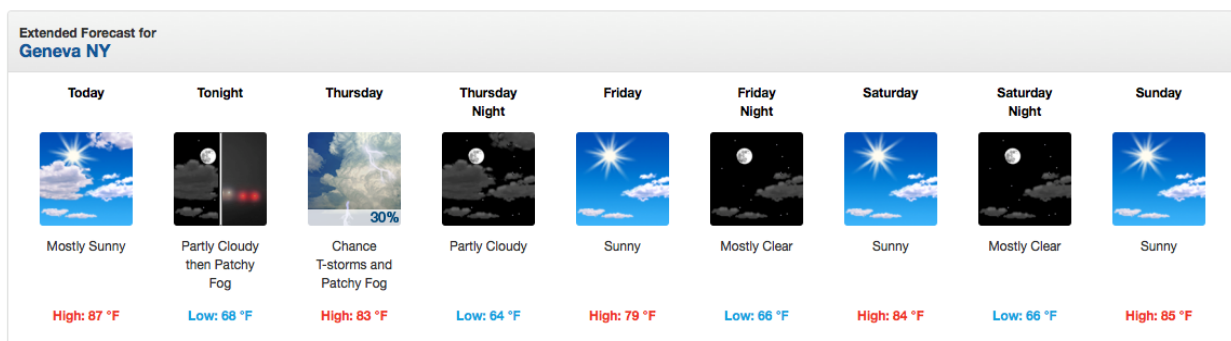
The region has been drying out quite nicely over the past couple of weeks. We have had no rain for 13 consecutive days, and based on the forecast, it looks like things will stay warm and dry at least through the weekend.

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This is obviously good news from a disease management standpoint. However, growers with blocks on shallow soils, soils with low water-holding capacity, or young vines, should be watching for the development of drought symptoms if this pattern continues. Mild water deficits shouldn't be too much of an issue during ripening, but generally, we want to avoid water stress at this point in the season. Water stress during ripening reduces photosynthetic activity, which impacts the development of sugars and other compounds that we want in the fruit prior to harvest, as well as the vines' ability to prepare themselves for the coming winter.

## Finger Lakes Grape Price List

In case you missed the email announcing its availability, the Finger Lakes Grape Price List is now available on our website at [http://nygpadmin.cce.cornell.edu/uploads/doc\\_38.pdf](http://nygpadmin.cce.cornell.edu/uploads/doc_38.pdf). The list includes prices from 13 buyers of Finger Lakes grapes, and we thank them for letting us include their prices in our annual list.

## IPM

*Hans Walter-Peterson*

The dry weather over the past two weeks has helped to keep downy and botrytis pressure in check for the most part. But I have been seeing small downy infections developing on leaves this week, which are being helped along by the high humidity levels at night and in the early morning, when temperatures are within the “sweet spot” for downy. New downy spores are produced at night when the relative humidity is around 95% or higher, which is exactly the kind of conditions we have had over the past several days here. High temperatures in the mid-80s and above, however, slow the rate of spread of the disease. In other words, we’re having conditions that can promote the generation of new spores (high humidity at night) but temperatures during the day that will slow the growth of existing infections. All of this leads back to the need to keep an eye on the development of DM infections over the next few weeks.



Botrytis infections also seem to be relatively few and far between right now, although they’re certainly around. The topic of sour rot development has been an important one the past couple of years, but we’re fortunate that Wayne Wilcox and his grad student, Megan Hall, are focusing on what promotes the disease and what options are available to control it right now. The next issue of the *Finger Lakes Vineyard Notes* newsletter will be coming out tomorrow, and includes an updated article from Wayne on sour rot development and management. I would suggest taking a look at it between harvest loads, or while you still have a few relatively calm days before your harvest begins.

# Finger Lakes Vineyard Update

Finger Lakes Grape Program

September 2, 2015

## 2015 GDD & Precipitation

<u>FLX Teaching &amp; Demonstration Vineyard</u> – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
8/26/15	70.4	59.5	0.00	15.0	2179.9
8/27/15	67.4	57.8	0.00	12.6	2192.5
8/28/15	75.0	54.0	0.00	14.5	2207.0
8/29/15	80.1	56.2	0.00	18.2	2225.1
8/30/15	79.6	64.1	0.00	21.9	2247.0
8/31/15	83.3	65.0	0.00	24.2	2271.1
9/1/15	83.1	64.1	0.00	23.6	2294.7
Weekly Total			<b>0.00"</b>	<b>129.8</b>	
Season Total			<b>18.49"</b>	<b>2294.7</b>	

GDDs as of September 1, 2014: 2175.1

Rainfall as of September, 2014: 20.67"

*Seasonal Comparisons (at [Geneva](#))*

### Growing Degree Days



	2015 GDD <sup>1</sup>	Long-term Avg GDD <sup>2</sup>	Cumulative days ahead (+)/behind (-) <sup>3</sup>
April	40.8	65.2	-7
May	408.4	248.6	+8
June	444.9	481.5	+5
July	606.8	640.6	+3
August	572.0	588.6	+3
September	22.9	347.6	+4
October		105.5	
TOTAL		2477.6	

<sup>1</sup> Accumulated GDDs for the month.

<sup>2</sup> The long-term average (1973-2014) GDD accumulation for that month.

<sup>3</sup> Numbers at the end of each month represent where this year's GDD accumulation stands relative to the long-term average. The most recent number represents the current status.

## 2015 GDD & Precipitation (continued from page 3)

### Precipitation

	2015 Rain <sup>4</sup>	Long-term Avg Rain <sup>5</sup>	Monthly deviation from avg <sup>6</sup>
April	2.54"	2.90	-0.31"
May	2.97"	3.11	-0.14"
June	7.28"	3.60	+3.68"
July	3.27"	3.42	-0.15"
August	2.25"	3.17	-0.92"
September		3.63	
October		3.25	
TOTAL		23.08"	

<sup>4</sup> Monthly rainfall totals up to current date

<sup>5</sup> Long-term average rainfall for the month (total)

<sup>6</sup> Monthly deviation from average (calculated at the end of the month)

## Additional Information

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Got some grapes to sell? Looking to buy some equipment or bulk wine? List your ad on the [NY Grape & Wine Classifieds website](#) today!

Become a fan of the [Finger Lakes Grape Program on Facebook](#), or follow us on [Twitter \(@cceflgp\)](#). Also check out our website, “The Grape Lakes – Viticulture in the Finger Lakes” at <http://flg.cce.cornell.edu>.

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417 Liberty Street, Penn Yan, NY 14527

315.536.5134