



WEATHER AND CROPS

September 9, 2013

Cooperating with New York Department of Agriculture and Markets
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Week Ending, September 8, 2013

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WEATHER: The region was impacted by a low pressure system to start off the week with much of New York in the warm sector. Eventually a cold front moved through Monday night and Tuesday morning ushering in a drier more seasonable warm air mass. However, a reinforcing cold front moved through Wednesday night and Thursday bringing in a much colder air mass. Temperatures Friday morning were the coldest since late May and early June. Rainfall across the state was from 0.09 to 3.15 inches and temperatures ranged from 34 to 86 degrees.

CROPS: There were 5.5 days suitable for fieldwork. Soil moisture was rated 1 percent very short, 3 percent short, 87 percent adequate, and 9 percent surplus. Oats for grain were 97 percent harvested compared to 95 percent in 2012 and were above the 95 percent five year average. Condition of oats was 16 percent poor, 18 percent fair, 56 percent good, and 10 percent excellent. Hay crops were 3 percent poor, 27 percent fair, 57 percent good, and 13 percent excellent. The second clover timothy cutting was 97 percent complete compared to 100 percent in 2012, and was ahead of the 94 percent five year average. The third clover timothy cutting was 58 percent complete. The second alfalfa cutting was 100 percent complete compared to 100 percent in 2012, and slightly above the 98 percent five year average. The third alfalfa cutting was 72 percent complete compared to 67 percent in 2012. Condition of corn was 9 percent poor, 23 percent fair, 44 percent good, and 24 percent excellent. Soybeans were rated 5 percent poor, 24 percent fair, 51 percent good, and 20 percent excellent. Potatoes were 40 percent harvested compared to 62 percent in 2012 and behind the 46 percent five year average. The following comments are from our reporters throughout the state: In Jefferson County, corn silage harvest started on some farms. Much of the corn for silage was still too wet to begin harvest. St. Lawrence County reported that cool weather still slowed corn and soybean development, but no frost was in the near-term forecast. An early frost would be unusually damaging to regional row crops. In Niagara County, corn silage harvest, grass seedings, and wheat plantings will start by the end of the coming week in high elevations. Harvest of corn silage began in Ontario County. Cortland County reported that corn fields were being opened up and leaves turned both due to weather and blight. In Madison County, the start of corn silage harvest was primarily for larger dairy producers with large acreages to chop, though not all. Soybeans began to dry down and corn dry down progressed fairly rapidly. Dairy farmers in the Capital district began chopping corn this week. Field conditions were conducive for harvesting with dry fields to work in. Hay harvest continued with good quality second and third cutting hay made. Farmers also took advantage of the dry fields and fair weather to spread manure that was stored. Montgomery and Fulton County producers were hoping that the frost missed them as crops were looking better. Third cutting hay and corn silage harvest began in Rensselaer County. In Washington County, farmers started to chop corn for silage. There were two nights where temperatures were down in the high 30's, but no frost reported. Late planted corn still needed another month to mature. Some corn showed signs of blight. Dutchess County reported that farmers were busy putting up dry hay and a few started to harvest corn silage.

FRUIT: Apples were 25 percent harvested compared to 24 percent in 2012 and below the 27 percent five year average. Apples were rated 1 percent poor, 18 percent fair, 56 percent good, and 25 percent excellent. Peaches were 94 percent harvested compared to 98 percent in 2012 and above the 91 percent five year average. Peaches were 5 percent poor, 14 percent fair, 67 percent good, and 14 percent excellent. Pears were 63 percent harvested compared to 82 percent in 2012 and below the 70 percent five year average. Pears were 2 percent poor, 36 percent fair, 56 percent good, and 6 percent excellent. Grapes were 8 percent harvested compared to 17 percent in 2012 and behind the 13 percent five year average. Grapes were 1 percent fair, 40 percent good, and 59 percent excellent. The following comments are from our reporters throughout the state: Ontario County received reports of high yields for apples and pears. In Cortland County, apples trees were heavy with fruit this year. Albany County reported the apple harvest was in full swing with fruit showing good color and size. Early apples were harvested in Dutchess County. In Suffolk County, fruit ripening progressed rapidly the last few weeks in Long Island vineyards. Harvest started in the vineyards with the picking of fruit destined for sparkling wine.

VEGETABLE: Sweet corn was 78 percent harvested compared to 78 percent in 2012, and was above the 75 percent five year average. Sweet corn was 4 percent poor, 28 percent fair, 57 percent good, and 11 percent excellent. Onions were 40 percent harvested compared to 60 percent in 2012, and were behind the 66 percent five year average. Onions were 10 percent poor, 37 percent fair, 38 percent good, and 15 percent excellent. Snap beans were 84 percent harvested compared to 67 percent in 2012, and ahead of the 70 percent five year average. Snap beans were rated 4 percent poor, 36 percent fair, 54 percent good, and 6 percent excellent. Cabbage was 70 percent harvested compared to 64 percent in 2012, and was equivalent to the five year average. Cabbage was rated 27 percent poor, 31 percent fair, 19 percent good, and 23 percent excellent. The following comments are from our reporters throughout the state: In Albany County, vegetable growers were harvesting fall crops. Disease and mildew pressure were affecting vegetable growers requiring control measures to be taken.

LIVESTOCK: Pasture was rated 1 percent very poor, 10 percent poor, 31 percent fair, 54 percent good, and 4 percent excellent. The following comments are from our reporters throughout the state: In Madison County, rains were sufficient enough to maintain rotated pastures, but continuously grazed pastures less so.

Weather Data for Week Ending Sunday, September 8, 2013

| Station | Temperature (°F) | | | | Growing Degree Days Base 50° ^{1/} | | | Precipitation (Inches) ^{1/} | | | |
|-------------------|------------------|-----|-----|----------------------|-----------------------------------------------|--------|----------------------|-----------------------------------------|----------------------|--------|----------------------|
| | High | Low | Avg | Dep. from Norm | Week | Season | Dep. from Norm | Week | Dep. from Norm | Season | Dep. from Norm |
| Albany County AP | 84 | 42 | 67 | +3 | 122 | 2546 | +358 | 0.61 | -0.13 | 26.67 | +9.15 |
| Watertown Intl | 86 | 36 | 65 | +3 | 104 | 2185 | +412 | 0.60 | -0.23 | 17.08 | +3.02 |
| Boonville | 78 | 38 | 58 | -2 | 58 | 1560 | +56 | 1.35 | +0.05 | 28.23 | +4.19 |
| Bridgehampton | 78 | 46 | 67 | +0 | 120 | 2313 | +166 | 3.15 | +2.31 | 18.61 | -0.18 |
| Binghamton/Broome | 81 | 42 | 63 | +1 | 92 | 2102 | +220 | 0.81 | +0.02 | 24.95 | +7.10 |
| Buffalo Intl AP | 84 | 44 | 65 | +0 | 104 | 2421 | +321 | 0.32 | -0.58 | 21.41 | +3.57 |
| Canton | 80 | 36 | 60 | -2 | 73 | 1928 | +187 | 0.99 | +0.02 | 21.63 | +3.86 |
| Cobleskill | 78 | 38 | 63 | +1 | 90 | 1981 | +229 | 0.78 | -0.11 | 24.71 | +5.56 |
| Dansville AP | 85 | 42 | 66 | +2 | 111 | 2546 | +502 | 0.52 | -0.30 | 15.37 | -1.34 |
| Elmira | 85 | 37 | 64 | +1 | 102 | 2299 | +359 | 0.31 | -0.40 | 16.98 | +0.10 |
| Franklinville | 80 | 34 | 59 | -1 | 68 | 1731 | +300 | 0.80 | -0.18 | 23.39 | +3.63 |
| Geneva Research | 83 | 43 | 63 | -2 | 95 | 2216 | +189 | 0.84 | +0.07 | 22.36 | +5.81 |
| Glens Falls AP | 81 | 37 | 65 | +3 | 104 | 2229 | +317 | 1.03 | +0.26 | 21.18 | +3.93 |
| Honeoye | 82 | 40 | 63 | -4 | 90 | 2125 | +7 | 0.56 | -0.21 | 20.74 | +4.33 |
| Hornell Almond | 85 | 36 | 60 | -3 | 72 | 1875 | +163 | 0.83 | +0.12 | 19.13 | +3.24 |
| Jamestown 4NE | 83 | 39 | 62 | +1 | 84 | 2047 | +437 | 1.45 | +0.33 | 20.63 | -1.46 |
| Niagara Falls | 81 | 43 | 64 | -1 | 100 | 2304 | +198 | 0.41 | -0.50 | 22.49 | +5.22 |
| Ithaca Cornell | 82 | 39 | 62 | -2 | 84 | 2035 | +199 | 1.67 | +0.83 | 23.30 | +5.46 |
| New York LGA | 85 | 57 | 73 | +2 | 165 | 3286 | +426 | 0.99 | +0.15 | 20.20 | +0.24 |
| Morrisville | 82 | 39 | 62 | +2 | 89 | 2035 | +367 | 2.07 | +1.16 | 30.81 | +11.76 |
| Massena | 80 | 37 | 62 | +1 | 82 | 2050 | +222 | 0.75 | -0.11 | 21.76 | +5.54 |
| Norwich | 82 | 41 | 63 | +0 | 90 | 1990 | +236 | 2.60 | +1.72 | 30.63 | +11.65 |
| Oneonta | 82 | 38 | 61 | +0 | 76 | 1899 | +284 | 2.33 | +1.49 | 29.39 | +8.81 |
| Penn Yan | 85 | 46 | 66 | +2 | 111 | 2385 | +358 | 0.75 | -0.02 | 15.70 | -0.85 |
| Plattsburgh Intl | 80 | 39 | 64 | +3 | 101 | 2059 | +121 | 0.62 | -0.20 | 22.20 | +5.34 |
| Poughkeepsie AP | 83 | 44 | 68 | +3 | 126 | 2651 | +356 | 1.20 | +0.36 | 25.71 | +5.58 |
| Rochester NY | 83 | 43 | 65 | +0 | 104 | 2477 | +447 | 0.67 | -0.10 | 20.62 | +5.30 |
| Syracuse | 85 | 44 | 67 | +3 | 117 | 2525 | +467 | 1.62 | +0.72 | 21.68 | +2.94 |
| Wales | 82 | 38 | 61 | -2 | 76 | 1972 | +262 | 1.09 | -0.03 | 21.25 | +0.77 |
| Warsaw | 82 | 40 | 61 | -1 | 75 | 1831 | +250 | 0.95 | -0.03 | 23.00 | +3.45 |

^{1/} Season accumulations are for April 1st to date. Weekly accumulations are through 7:00 AM Sunday Morning

The information contained in this weekly release is obtained in cooperation with Cornell Cooperative Extension, USDA Farm Service Agency, the National Weather Service, Agricultural Weather Information Service and other knowledgeable persons associated with New York agriculture. Their cooperation is greatly appreciated.

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