



WEATHER AND CROPS

July 6, 2009

Cooperating with New York Department of Agriculture and Markets
10B Airline Drive, Albany, New York 12235
(518) 457-5570 · (518) 485-8719 FAX · www.nass.usda.gov

Released, July 6, 2009

Week Ending, July 5, 2009

No. 977-11-09

WEATHER: A persistent upper level disturbance brought bouts of showers and thunderstorms to New York State for much of the period. Wetter than normal conditions were noted across western New York, the St. Lawrence Valley, and eastern New York. Near normal rainfall occurred across much of central New York with drier than normal conditions observed across Long Island. The heaviest rainfall occurred across eastern New York on July 1st where Albany recorded a record rainfall for the date of 2.76 inches. Daily rainfall totals in excess of 5 inches were observed in Washington County on July 1st as well. Accompanying these heavy downpours were reports of hail, some as large as 1.50 inches in diameter. The upper level disturbance kept temperatures below normal across the state. Weekly departures from normal were generally 3 to 5 degrees, although departures across the northern tier were about 2 degrees below normal.

CROPS: Widespread bouts of showers and thunderstorms continued throughout much of New York State. There were 2.4 days suitable for fieldwork. Soil moisture was rated 50 percent adequate, and 50 percent surplus. Condition of winter wheat was rated as 10 percent poor, 15 percent fair, 57 percent good, and 18 percent excellent. Oat condition was 3 percent poor, 13 percent fair, 64 percent good, and 20 percent excellent. Condition of hay was 5 percent poor, 31 percent fair, 49 percent good, and 15 percent excellent. Alfalfa 1st cutting was 89 percent completed, ahead of last year's 87 percent. Clover-timothy hay was 73 percent harvested, below of last year's 74 percent, but behind the five year average of 79 percent. Eighty-nine percent of the grass silage was harvested, below last year's 91 percent, and ahead of the five year average of 88 percent. Soybeans were 99 percent planted, slightly ahead of the five year average, but slightly behind last year's 100 percent. Dry beans were 83 percent planted, below the five year average of 86 percent, and below last year's 85 percent. The following are comments throughout the state: In Lewis County, frequent rains continued to hinder hay harvest. Many will begin 2nd cutting this week which looked good. Fields around St. Lawrence County are a bit soggy which made hay harvest difficult. Much of the area had considerably below normal rainfall for June, so this rain was welcome. Corn is still shorter than normal for this time of year. "We all prayed for rain and we got it" was the sentiment for Niagara County. Corn and beans still need to be sprayed and nitrated but stand is still very good. Wet areas in corn and soybean fields are drowned out. Dry hay and hay crop silage harvest was delayed by excessive rain. Second cuttings will pick up, only a few acres were chopped. Wheat in maturation stage of growth needs dry weather to minimize disease and pre-harvest sprouting problems. First cutting hay in Wayne County looked in very poor condition. Cayuga County reported frequent rains in June had led to diseases in wheat. In Albany County, hay producers are concerned with the lack of good weather to make dry hay. Hail damage from the June 15th storm continued to be reported. Reports of hail damage are widespread with producers affected from southern Schoharie County to Schenectady County. In Washington County a severe thunderstorm hit bringing torrential rains and flash flooding. Some farmers reported getting 4 inches of rain in an hour. Fields flooded and some had significant erosion. It's been nearly impossible to get dry hay bailed in the last month. Second cutting alfalfa is ready to harvest in Steuben County. June ranked the wettest in 113 year history in Dutchess County. Corn is yellow and hay is topped out.

FRUIT: Apples were 5 percent poor, 10 percent fair, 54 percent good, and 31 percent excellent. Grapes were 7 percent poor, 34 percent fair, 46 percent good, and 13 percent excellent. Peaches were 2 percent poor, 26 percent fair, 58 percent good, and 14 percent excellent. Pears were 3 percent poor, 10 percent fair, 51 percent good, and 36 percent excellent. Sweet cherries were 54 percent poor, 16 percent fair, 22 percent good, and 8 percent excellent. Tart cherries were 31 percent poor, 50 percent fair, 12 percent good, and 7 percent excellent. Strawberries were 17 percent poor, 37 percent fair, 35 percent good, and 11 percent excellent. In the Lake Ontario fruit region, rain severely damaged the strawberry crop. There were reports of hail in Ontario County on June 26th that damaged some budding fruit that was setting. June drop was progressing with the help of warm temperatures. Codling moth flight also picked up with the warmer weather. In the Hudson Valley, fruit continued to take a hit due to excessive moisture. In Long Island vineyards, everything made it into fruit set, but clusters were generally loose. Some varieties had decent set, while some had poor set.

VEGETABLE: Cabbage continued to grow well in the cool wet weather. Sweet corn looked decent and onions have grown rapidly from the extra rainfall. Lettuce was 78 percent planted with reported conditions of 40 percent poor, 11 percent fair, and 49 percent good. Onions were 100 percent planted with reported conditions of 49 percent poor, 49 percent fair, and 2 percent good. Sweet corn was 92 percent planted with conditions of 4 percent poor, 26 percent fair, 64 percent good, and 6 percent excellent. Snap beans were 87 percent planted, cabbage was 94 percent planted, and tomatoes were 98 percent planted.

LIVESTOCK: Pasture conditions were estimated to be in good condition. Pasture conditions were rated 2 percent poor, 16 percent fair, 61 percent good, and 21 percent excellent.

Weather Data for Week Ending Sunday, July 5, 2009

| 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 | |
| <u>Hudson Valley</u> | | | | | | | | | | | | |
| Albany | 83 | 53 | 68 | -3 | 130 | 974 | +83 | 3.58 | +2.81 | 13.79 | +3.22 | |
| Glens Falls | 80 | 47 | 66 | -3 | 114 | 798 | +41 | 1.82 | +1.15 | 10.79 | +0.56 | |
| Poughkeepsie | 84 | 55 | 70 | -2 | 139 | 1031 | +88 | 1.25 | +0.35 | 16.55 | +4.28 | |
| <u>Mohawk Valley</u> | | | | | | | | | | | | |
| Boonville | 75 | 46 | 61 | -4 | 81 | 522 | -48 | 1.35 | +0.39 | 15.78 | +1.47 | |
| <u>Champlain Valley</u> | | | | | | | | | | | | |
| Plattsburgh | 78 | 54 | 67 | -3 | 122 | 729 | -47 | 1.37 | +0.69 | 9.11 | -0.12 | |
| <u>St. Lawrence Valley</u> | | | | | | | | | | | | |
| Canton | 81 | 52 | 66 | -1 | 113 | 665 | -6 | 1.47 | +0.70 | 11.12 | +1.46 | |
| Massena | 79 | 53 | 67 | -2 | 121 | 749 | +29 | 1.42 | +0.71 | 10.23 | +1.40 | |
| <u>Great Lakes</u> | | | | | | | | | | | | |
| Buffalo | 77 | 50 | 65 | -6 | 106 | 885 | +47 | 1.23 | +0.50 | 8.72 | -1.35 | |
| Wales | 74 | 48 | 63 | -5 | 89 | 673 | +14 | 1.36 | +0.47 | 11.57 | -0.57 | |
| Niagara Falls | 79 | 50 | 66 | -4 | 116 | 889 | +36 | 0.41 | -0.27 | 10.16 | +0.19 | |
| Rochester | 78 | 48 | 65 | -5 | 108 | 845 | +17 | 1.97 | +1.32 | 12.37 | +3.59 | |
| Watertown | 79 | 49 | 66 | -2 | 112 | 705 | +40 | 1.16 | +0.69 | 10.88 | +2.66 | |
| <u>Central Lakes</u> | | | | | | | | | | | | |
| Dansville | 77 | 47 | 65 | -5 | 105 | 888 | +65 | 1.26 | +0.46 | 9.24 | -0.85 | |
| Geneva | 79 | 51 | 66 | -4 | 111 | 819 | +18 | 0.97 | +0.21 | 10.48 | +0.36 | |
| Honeoye | 77 | 46 | 64 | -7 | 100 | 815 | -16 | 2.06 | +1.32 | 13.59 | +3.59 | |
| Ithaca | 80 | 45 | 65 | -3 | 108 | 737 | +15 | 1.56 | +0.72 | 11.77 | +1.18 | |
| Penn Yan | 79 | 51 | 66 | -4 | 113 | 915 | +114 | 1.68 | +0.92 | 10.14 | +0.02 | |
| Syracuse | 83 | 53 | 67 | -3 | 122 | 938 | +101 | 0.76 | -0.15 | 11.25 | +0.20 | |
| Warsaw | 72 | 47 | 61 | -5 | 79 | 634 | +26 | 2.43 | +1.55 | 12.50 | +0.75 | |
| <u>Western Plateau</u> | | | | | | | | | | | | |
| Angelica | 73 | 42 | 60 | -6 | 71 | 587 | -6 | 1.47 | +0.48 | 10.61 | -0.47 | |
| Elmira | 80 | 46 | 66 | -3 | 115 | 854 | +83 | 0.79 | -0.05 | 8.32 | -1.93 | |
| Franklinville | 71 | 44 | 61 | -4 | 77 | 614 | +81 | 2.09 | +1.18 | 11.87 | +0.16 | |
| Jamestown | 75 | 47 | 63 | -4 | 92 | 756 | +140 | 2.25 | +1.26 | 12.90 | -0.11 | |
| <u>Eastern Plateau</u> | | | | | | | | | | | | |
| Binghamton | 79 | 50 | 65 | -4 | 105 | 839 | +95 | 0.86 | +0.02 | 11.87 | +1.18 | |
| Cobleskill | 79 | 53 | 66 | -2 | 109 | 740 | +53 | 1.58 | +0.70 | 12.14 | +0.40 | |
| Morrisville | 79 | 48 | 65 | -2 | 105 | 642 | -3 | 1.53 | +0.65 | 14.33 | +2.84 | |
| Norwich | 82 | 44 | 64 | -3 | 103 | 726 | +41 | 0.65 | -0.22 | 14.30 | +2.50 | |
| Oneonta | 79 | 49 | 65 | -1 | 108 | 743 | +115 | 1.40 | +0.47 | 13.31 | +0.67 | |
| <u>Coastal</u> | | | | | | | | | | | | |
| Bridgehamton | 82 | 58 | 70 | +2 | 145 | 866 | +73 | 0.80 | +0.07 | 17.95 | +6.06 | |
| New York | 84 | 64 | 74 | -2 | 170 | 1262 | +51 | 1.03 | +0.14 | 17.91 | +6.08 | |

^{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.

VISIT OUR WEBSITE AT www.nass.usda.gov/ny AND CLICK ON "SUBSCRIBE TO NY REPORTS" FOR INSTRUCTIONS ON GETTING FREE ELECTRONIC SUBSCRIPTIONS TO THIS REPORT. YOU MAY ALSO VISIT OUR WEBSITE TO ACCESS ALL OUR REPORTS WHICH ARE AVAILABLE FOR FREE ONLINE.