



# WEATHER AND CROPS

## July 26, 2010

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](http://www.nass.usda.gov)

Released, July 26, 2010

Week Ending, July 25, 2010

No. 977-14-10

**WEATHER:** Temperatures averaged from 2 to 9 degrees above normal. Highs ranged from 82 degrees in Boonville to 98 degrees in New York City. Growing degree accumulations were above normal across the state. Totals ranged from 1171 to 2413. All regions received rainfall. Amounts varied from 0.57 inches at Bridgehampton to 4.16 inches at Rochester. Totals were above normal in nearly all areas.

**CROPS:** There were 4.6 days suitable for fieldwork. Soil moisture was rated 5 percent short, 74 percent adequate, and 21 percent surplus. Condition of corn was rated as 2 percent poor, 11 percent fair, 48 percent good, and 39 percent excellent. Soybean condition was 3 percent poor, 14 percent fair, 53 percent good, and 30 percent excellent. Hay condition was 3 percent poor, 17 percent fair, 56 percent good, and 24 percent excellent. Alfalfa 2<sup>nd</sup> cutting was 79 percent completed. Third cutting alfalfa was 18 percent completed. Sixty-five percent of the clover timothy 2<sup>nd</sup> cutting was harvested. Third cutting clover-timothy was 13 percent completed. Winter wheat was 90 percent harvested. Seventeen percent of the oats for grain were harvested. Potatoes were starting to be harvested at 4 percent. The following are comments from throughout the state: A storm brought a tornado to Northern Jefferson County, as well as torrential rain and crop damaging hail. Standing water in fields was a common sight in these areas, and the hail damaged some of the corn crop reducing its yield potential. Small grains continue to suffer from lodging. Crops continued to grow well in Lewis County. One to two inches of rain fell over most of the county between Friday and Sunday morning making some soils rather wet. Large hailstones were reported in areas of St. Lawrence County, but no damage was reported to crops yet. Franklin County had hail and wind damaged crops. That area of the county looked like a war zone, with trees snapped off and many ripped out of the ground. Many fields were left severely shredded including corn, soybeans, potatoes, greens, and herbs. Only a small area was affected, and a mile from the "hail epicenter" corn was completely unaffected. Oat harvest was well along in Genesee County, but stopped by the rain and will resume this week. Wheat harvest was nearly done and the yields were excellent. Re-growth of alfalfa was excellent, and the rains will only make it better. Saturday showers in Niagara County should help stressed soybeans and tasseled corn. Ontario County continued to receive heavy downpours that were making it difficult to make dry hay. In addition, rain delayed the final harvest of wheat, and delayed the start of the harvest of oats. Corn crop was above average in Chenango County, and no sign of damage from the storms last week. Severe storms heavily damaged trees in Cortland County, but the majority of the crops appeared to have survived without much damage. Hail damage was reported on some corn fields and small grains were partially knocked down. Wheat harvest was finishing up in Madison County and yield was good. Oat harvest will begin within the next week or two, and the corn was looking very good, most of which had fully tasseled other than some late planted corn. Montgomery and Fulton Counties grain crops continue to look excellent and dry hay was harvested in-between thunderstorms. Some much needed rain fell in Washington County, and overall the crops looked good. Heavy rains continued to hamper field work in Schuyler County, and corn and soybeans were turning yellow from the wetness. Field corn in Columbia County recovered from drought conditions, but there was definitely yield loss due to lack of rain. Scattered showers in Delaware and Sullivan Counties have areas ranging from dry to abundant, and Delaware County had some hail damaged crops in isolated areas. Sullivan County also had some corn damaged by hail in a few fields in the northwestern part of the county. Dutchess County had some storms come through, but they contained high winds and some areas received hail, although no reports of crop damage were reported yet. Suffolk County received some rain Wednesday along with some sporadic hail.

**FRUIT:** Apples were 1 percent poor, 16 percent fair, 71 percent good, and 12 percent excellent. Grapes were 2 percent poor, 8 percent fair, 47 percent good, and 43 percent excellent. Peaches were 1 percent poor, 7 percent fair, and 92 percent good. Pears were 1 percent poor, 9 percent fair, and 90 percent good. Sweet cherries were 18 percent fair, 79 percent good, and 3 percent excellent. Tart cherries were 1 percent fair, 74 percent good, and 25 percent excellent. Sweet cherries were 95 percent harvested and tart cherries were 90 percent harvested. In the Lake Ontario fruit region, oriental fruit moth trap counts in peaches continued to run high, and codling moth trap counts were beginning to increase. Capital area growers were finding bird damage in various crops, especially blueberries. Hail, wind, and driving rain affected fruit crops, especially apples and blueberries, in Franklin County. In the Lake Erie grape region, downy mildew was showing up in some Niagara and Delaware blocks. In Long Island vineyards, a few early varieties such as Pinot Noir and Pinot Gris were starting veraison. With continued warm temperatures, veraison was predicted to be 10-14 days ahead of normal. Vineyards overall were healthy this year with only minor outbreaks of disease and insects. Growers were optimistic about harvest.

**VEGETABLE:** Vegetables were severely damaged by a combination of hail, wind, and rain in Northern New York. Another case of Late Blight was confirmed in Massachusetts on tomatoes. Lettuce had reported conditions of 3 percent fair, 83 percent good, and 14 percent excellent. Onion harvest was 6 percent complete. Onion conditions were 1 percent poor, 1 percent fair, 96 percent good, and 2 percent excellent. Cabbage harvest was 21 percent completed. Cabbage conditions were 17 percent fair and 83 percent good. Sweet corn harvest was 15 percent complete. Sweet corn conditions were 10 percent fair, 72 percent good, and 18 percent excellent. Tomatoes were 19 percent harvested. Tomato conditions were 1 percent poor, 3 percent fair, 65 percent good, and 31 percent excellent. Snap bean harvest was 15 percent complete. Snap bean conditions were 6 percent poor, 28 percent fair, 47 percent good, and 19 percent excellent.

**LIVESTOCK:** Pastures overall were in good shape, and in Chenango County those managed by clipping were reported in fine shape. Pasture conditions were rated 1 percent very poor, 3 percent poor, 28 percent fair, 60 percent good, and 8 percent excellent.

**Weather Data for Week Ending Sunday, July 25, 2010**

Station	Temperature (°F)				Growing Degree Days Base 50° <sup>1/</sup>			Precipitation (Inches) <sup>1/</sup>			
	High	Low	Avg	Dep. from Norm	Week	Season	Dep. from Norm	Week	Dep. from Norm	Season	Dep. from Norm
<b><u>Hudson Valley</u></b>											
Albany	89	62	75	+4	178	1727	+397	1.49	+0.79	10.71	-1.87
Glens Falls	90	55	72	+2	153	1461	+306	0.98	+0.28	10.23	-1.87
Poughkeepsie	95	62	78	+6	200	1846	+456	0.52	-0.37	6.80	-8.05
<b><u>Mohawk Valley</u></b>											
Boonville	82	58	68	+2	128	1171	+276	2.34	+1.44	17.05	+0.19
<b><u>Champlain Valley</u></b>											
Plattsburgh	84	58	71	+2	151	1408	+224	1.78	+1.07	10.99	-0.14
<b><u>St. Lawrence Valley</u></b>											
Canton	83	59	70	+2	145	1411	+371	1.38	+0.61	14.07	+2.29
Massena	85	61	73	+4	160	1483	+374	0.59	-0.11	11.98	+1.15
<b><u>Great Lakes</u></b>											
Buffalo	83	66	75	+4	178	1634	+370	2.57	+1.87	16.10	+4.11
Wales	84	59	72	+5	156	1345	+333	1.44	+0.67	13.90	-0.50
Niagara Falls	88	63	76	+6	185	1685	+409	1.65	+1.02	12.26	+0.50
Rochester	85	61	75	+5	177	1679	+442	4.16	+3.54	15.54	+5.06
Watertown	83	59	72	+4	157	1448	+409	0.93	+0.51	11.50	+2.10
<b><u>Central Lakes</u></b>											
Dansville	85	62	74	+4	167	1620	+388	2.38	+1.75	14.12	+2.10
Geneva	85	64	74	+4	170	1622	+410	2.14	+1.51	16.11	+4.12
Honeoye	85	62	74	+3	170	1589	+329	2.76	+2.18	17.23	+5.47
Ithaca	87	56	73	+5	163	1502	+406	1.97	+1.20	11.79	-1.00
Penn Yan	86	65	75	+5	178	1686	+474	2.09	+1.46	13.27	+1.28
Syracuse	88	65	76	+6	181	1745	+497	3.35	+2.51	14.51	+1.00
Warsaw	84	61	71	+5	149	1334	+393	1.71	+1.00	17.49	+3.58
<b><u>Western Plateau</u></b>											
Angelica	86	61	74	+7	168	1451	+530	2.34	+1.57	15.63	+2.23
Elmira	92	58	76	+7	182	1597	+431	1.46	+0.74	12.19	-0.23
Franklinville	87	56	71	+7	155	1262	+421	1.64	+0.87	14.82	+0.82
Jamestown	91	62	74	+8	174	1432	+481	3.48	+2.62	16.31	+0.75
<b><u>Eastern Plateau</u></b>											
Binghamton	87	60	74	+5	170	1607	+476	2.28	+1.51	12.67	-0.26
Cobleskill	86	60	72	+4	154	1423	+377	1.07	+0.30	12.72	-1.27
Morrisville	84	59	72	+5	157	1403	+409	2.41	+1.64	17.04	+3.27
Norwich	88	58	72	+4	158	1380	+332	1.63	+0.89	14.24	+0.23
Oneonta	88	61	74	+7	166	1456	+490	0.99	+0.14	14.20	-0.98
<b><u>Coastal</u></b>											
Bridgehamton	92	66	78	+7	199	1757	+532	0.57	-0.07	9.02	-4.76
New York	98	76	85	+9	250	2413	+672	0.83	-0.09	9.48	-4.99

<sup>1/</sup> Season accumulations are for April 1<sup>st</sup> 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](http://WWW.NASS.USDA.GOV/NY) AND CLICK ON "SUBSCRIBE TO NY REPORTS" FOR INSTRUCTIONS ON FREE ELECTRONIC SUBSCRIPTIONS. YOU MAY ALSO VISIT OUR WEBSITE TO ACCESS ALL OUR REPORTS WHICH ARE AVAILABLE FOR FREE ONLINE.**