



# WEATHER AND CROPS

## August 2, 2010

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Released, August 2, 2010

Week Ending, August 1, 2010

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**WEATHER:** The week began with normal temperatures and dry conditions. As high pressure built offshore, warmer temperatures and increasing humidity spread across the region. By the middle of the week, temperatures were above normal. A strong cold front tracked through the region toward the end of the week produced around to just over an inch of rain in western and northern areas, but only a tenth to half inch in central and southern areas. After the cold front passed through, temperatures dropped to below normal and conditions dried out again.

**CROPS:** There were 5.8 days suitable for fieldwork. Soil moisture was rated 14 percent short, 77 percent adequate, and 9 percent surplus. Condition of corn was rated as 2 percent poor, 9 percent fair, 45 percent good, and 44 percent excellent. Soybean condition was 3 percent poor, 12 percent fair, 49 percent good, and 36 percent excellent. Hay condition was 3 percent poor, 16 percent fair, 55 percent good, and 26 percent excellent. Alfalfa second cutting was 90 percent completed. Third cutting alfalfa was 34 percent completed. Eighty-three percent of the clover timothy second cutting was harvested. Third cutting clover-timothy was 18 percent completed. Winter wheat was 98 percent harvested. Thirty-nine percent of the oats for grain were harvested. Potato harvest was at 11 percent complete. The following are comments from throughout the state: In Lewis County hay harvest continued. The area saw heavy rain Wednesday night. An extremely narrow band of hail damaged corn in three corn fields totaling less than 60 acres. A beautiful weekend in St. Lawrence County. Perfect weather for all crops. Second cut hay is being put in. In some areas of the county it looked like some pretty early corn can be chopped. Warm nights should really move the corn crop along. Genesee County started to get dry again. Corn and soybeans need moisture. Hay and oat harvest continued. Off and on rain showers still made it difficult for Ontario County producers to make dry hay, but the corn and soybeans appeared to be doing well. In Madison County, the wheat harvest this year was very good, according to one producer "the best ever". Corn looked very good while good, clear weather helped with wheat and oat harvest. Most corn fully tasseled and maturing well in Otsego County and continued to be a week or two earlier than normal. Montgomery and Fulton Counties had another good week of harvesting dry hay and barns are getting full. Dutchess County continued to be dry for the past week. Reported cases of disease incidences continued to be restricted to isolated cases - eg. Angular leaf spots on cucurbits and a few bacterial problems. Isolated cases of spider mites reported on soybeans. In northeast Dutchess County, some producers experienced high winds and hail, which did damage some field corn over the past weekend. Oat harvest begun this week in Cayuga County. There were very isolated lodging in oats due to severe thunderstorms last weekend. Hay harvest continued as weather conditions allowed. Nearly all corn pollinated in Cortland County. Oat harvest started this week. Barley to be harvested. Occasional severe thunderstorms with hail passed through. In Albany County, dry conditions made hay harvest progress ahead of past years. Corn continued to look very good but could use some more rain. Potatoes are being harvested and the plants are beginning to die back on early plantings. Concerns about late blight surfaced as it had appeared in areas close by. Farmers in Washington County had a good week to bale hay. Third cutting of alfalfa had started in Broome County. Grain fields are being sprayed to stop the spread of fungus. Spring oat harvest is almost complete.

**FRUIT:** Apples were 1 percent poor, 16 percent fair, 71 percent good, and 12 percent excellent. Grapes were 2 percent poor, 5 percent fair, 51 percent good, and 42 percent excellent. Peaches were 8 percent fair and 92 percent good. Pears were 2 percent poor, 11 percent fair, and 87 percent good. Sweet cherries were 1 percent poor, 19 percent fair, 76 percent good, and 4 percent excellent. Tart cherries were 1 percent fair, 74 percent good, and 25 percent excellent. Sweet cherries were 96 percent harvested and tart cherries were 95 percent harvested. Apples were 5 percent harvested, peaches were 40 percent harvested, and pears were 20 percent harvested. In the Lake Ontario fruit region, harvest of early peaches began, and growers were controlling brown rot infections. Oriental fruit moth trap counts continued to run high. Madison County raspberry growers were reporting a very good yield. In the Capital area, strawberry growers continued to deal with some post-renovation stress due to high temperatures. Sunny weather and warm temperatures accelerated apple harvest with early varieties being picked two weeks early. Early apple varieties were also being harvested in Broome County. In the Lake Erie grape region, grape rootworm was seen more frequently. Many grape varieties in Long Island vineyards were in veraison. Only the latest varieties, such as Cabernet Sauvignon, were not yet there. This has been one of the earliest veraisons on record, and the industry was looking forward to very ripe fruit and an early harvest.

**VEGETABLE:** Late blight confirmed in two more counties, Chenango and Livingston. The confirmation brought the total number of counties up to three. The first county was Suffolk. Irrigation has been used in Eastern New York to keep vegetable crops growing properly. Lettuce had reported conditions of 7 percent good and 93 percent excellent. Onion harvest was 16 percent complete. Onion conditions were 1 percent poor, 1 percent fair, 95 percent good, and 3 percent excellent. Cabbage harvest was 30 percent completed. Cabbage conditions were 20 percent fair, 58 percent good, and 22 percent excellent. Sweet corn harvest was 26 percent complete. Sweet corn conditions were 1 percent poor, 7 percent fair, 67 percent good, and 25 percent excellent. Tomatoes were 31 percent harvested. Tomato conditions were 3 percent poor, 6 percent fair, 71 percent good, and 20 percent excellent. Snap bean harvest was 29 percent complete. Snap bean conditions were 12 percent poor, 23 percent fair, 45 percent good, and 20 percent excellent.

**LIVESTOCK:** Pastures deteriorated slightly during the past week due to hot, dry conditions in most areas. Pasture conditions were rated 1 percent very poor, 5 percent poor, 32 percent fair, 53 percent good, and 9 percent excellent.

**Weather Data for Week Ending Sunday, August 1, 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	88	50	71	-2	150	1877	+393	0.00	-0.73	10.71	-2.60
Glens Falls	87	42	67	-4	120	1581	+286	0.12	-0.61	10.35	-2.48
Poughkeepsie	91	51	73	0	161	2007	+456	0.01	-0.83	6.81	-8.88
<b><u>Mohawk Valley</u></b>											
Boonville	80	45	64	-3	99	1270	+261	0.45	-0.47	17.50	-0.28
<b><u>Champlain Valley</u></b>											
Plattsburgh	87	46	67	-4	120	1528	+204	0.03	-0.76	11.02	-0.90
<b><u>St. Lawrence Valley</u></b>											
Canton	83	45	65	-4	107	1518	+347	0.37	-0.45	14.44	+1.84
Massena	85	44	66	-4	114	1597	+353	0.06	-0.71	12.04	+0.44
<b><u>Great Lakes</u></b>											
Buffalo	83	58	70	-1	144	1778	+366	0.11	-0.66	16.21	+3.45
Wales	84	52	66	-2	114	1459	+321	0.36	-0.44	14.26	-0.94
Niagara Falls	85	58	71	-1	145	1830	+407	0.41	-0.28	12.67	+0.22
Rochester	88	57	71	0	146	1825	+447	0.14	-0.52	15.68	+4.54
Watertown	83	48	67	-2	124	1572	+400	1.10	+0.59	12.60	+2.69
<b><u>Central Lakes</u></b>											
Dansville	85	53	67	-4	124	1744	+368	0.94	+0.31	15.06	+2.41
Geneva	86	55	69	-3	133	1755	+396	0.08	-0.55	16.19	+3.57
Honeoye	83	54	69	-4	132	1716	+304	0.30	-0.33	17.53	+5.14
Ithaca	85	48	67	-2	122	1624	+395	0.14	-0.62	11.53	-2.02
Penn Yan	87	53	70	-1	144	1830	+471	0.17	-0.46	13.44	+0.82
Syracuse	89	51	71	+1	149	1894	+500	0.06	-0.76	14.57	+0.24
Warsaw	82	52	66	-1	117	1451	+391	0.77	+0.00	18.26	+3.58
<b><u>Western Plateau</u></b>											
Angelica	85	53	67	+2	123	1574	+534	1.16	+0.39	16.79	+2.62
Elmira	89	49	69	-2	134	1731	+425	1.48	+0.78	13.67	+0.55
Franklinville	83	50	65	0	109	1371	+422	1.30	+0.49	16.12	+1.31
Jamestown	86	52	67	+1	124	1556	+486	0.85	-0.06	17.16	+0.69
<b><u>Eastern Plateau</u></b>											
Binghamton	85	50	69	-2	131	1738	+471	0.24	-0.53	12.91	-0.79
Cobleskill	85	47	68	-1	126	1549	+377	0.17	-0.59	12.89	-1.86
Morrisville	84	48	67	-1	121	1524	+405	0.05	-0.72	17.09	+2.55
Norwich	85	45	66	-3	112	1492	+317	0.06	-0.64	14.30	-0.41
Oneonta	85	48	67	0	122	1578	+493	0.00	-0.84	14.20	-1.82
<b><u>Coastal</u></b>											
Bridgehamton	89	58	73	+1	164	1921	+539	0.08	-0.62	9.10	-5.38
New York	93	67	81	+4	217	2630	+699	0.16	-0.75	9.64	-5.74

<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.

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