



# WEATHER AND CROPS

## August 9, 2010

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Released, August 9, 2010

Week Ending, August 8, 2010

No. 977-16-10

**WEATHER:** The week began dry with seasonable temperatures with high pressure over southeastern Canada and the northeast. The surface high moved off the New England coast by Tuesday with a return flow of warm and humid air. Temperatures surged above normal by the mid week with very humid conditions over New York. A cold front slowly moved across the state bringing showers and thunderstorms Wednesday into Thursday. The heavier showers and thunderstorms tended to be over the North Country. Cool Canadian high pressure brought dry weather back for Friday and Saturday, and temperatures slightly below normal. Overall, temperatures still averaged above normal for the week and precipitation was below normal for most locations. Some locations downwind of Lake Ontario and across Long Island did not get any precipitation for the week.

**CROPS:** There were 5.7 days suitable for fieldwork. Soil moisture was rated 2 percent very short, 14 percent short, 79 percent adequate, and 5 percent surplus. Condition of corn was rated as 2 percent poor, 11 percent fair, 44 percent good, and 43 percent excellent. Soybean condition was 3 percent poor, 15 percent fair, 43 percent good, and 39 percent excellent. Hay condition was 4 percent poor, 15 percent fair, 55 percent good, and 26 percent excellent. Alfalfa second cutting was 95 percent completed, ahead of both last year's 65 percent and the five year average of 78 percent. Third cutting alfalfa was 51 percent completed, ahead of both last year's 17 percent and the five year average of 29 percent. Ninety percent of clover timothy second cutting was harvested, ahead of both last year's 44 percent and the five year average of 61 percent. Third cutting clover-timothy was 33 percent completed, ahead both last year's and the five year average of 20 percent. Winter wheat harvest was completed. Fifty-eight percent of the oats for grain were harvested, ahead of last year's 26 percent and the five year average of 38 percent. Potatoes were 12 percent harvested, ahead of last year's 6 percent, but behind the five year average of 14 percent. The following are comments from throughout the state: St Lawrence County had a very nice week of weather, but could use some rain as some ponds and streams have become a bit shallow. Scattered showers in Genesee County helped corn and soybeans in areas that received it, but the rest of the county was dry. Crop development was still two to three weeks ahead of schedule in Cayuga County, and enough shower activity to prevent crops from being too dry. Combining oats were putting dust in the air in Cortland County, and corn was in the milk stage. Scattered showers in Madison County helped out a few dry spots, but overall crops looked very good. Corn was curling due to the dry weather on some of the best drained soils of Albany County, but as a whole the corn looks very good. Hay making has been an easy process this year, with most farms ahead of schedule on dry hay production. Montgomery and Fulton Counties had another great week for crops. Third cutting haylage harvest was in full swing in Saratoga County with most producers reporting average to above average yields. Field corn maturity was progressing well with most growers indicating an above average to excellent anticipated crop. Crops looked good overall in Washington County, but there were a few dry spots that missed out on thunderstorms that could use some rain. Hot, dry weather in Broome County allowed for a good share of third cutting alfalfa to be harvested, as well as some good quality second cutting grass hay to be baled. Areas in both Sullivan and Delaware Counties had no rain and remain on the drought side of things. Many producers in Delaware County have ponds or water systems drying up. Weather conditions continue to be dry in Dutchess County, as corn and other crops were starting to get distressed from lack of rain. Some corn was totally dry with no ears and no possibility of recovery.

**FRUIT:** Apples were 16 percent fair, 71 percent good, and 13 percent excellent. Grapes were 3 percent poor, 5 percent fair, 49 percent good, and 43 percent excellent. Peaches were 13 percent fair and 87 percent good. Pears were 2 percent poor, 10 percent fair, and 88 percent good. Sweet cherries were 20 percent fair, 76 percent good, and 4 percent excellent. Tart cherries were 80 percent good, and 20 percent excellent. Sweet cherries were 99 percent harvested and the tart cherry harvest was complete. Apples were 10 percent harvested, peaches were 73 percent harvested, and pears were 67 percent harvested. Apples are ripening nearly two weeks ahead of usual aided by hot, sunny days with plenty of rainfall. In the Lake Ontario fruit region, the heat and high humidity was conducive for sooty blotch and flyspeck. Oriental fruit moth trap counts in peaches continued to run high. In Long Island vineyards, veraison progressed rapidly this week. Vines were starting to develop periderm.

**VEGETABLE:** Sweet corn is maturing ahead of schedule in Central and Eastern New York. Tomatoes look excellent in Eastern New York, almost marketable. Pumpkins have seen powdery mildew disease in Eastern New York. Lettuce had reported conditions of 4 percent fair, 15 percent good, and 81 percent excellent. Onion harvest was 20 percent complete, down from 21 percent five-year average. Onion conditions were 59 percent good and 41 percent excellent. Cabbage harvest was 43 percent completed, up from 22 percent last year, compared to 22 percent five-year average. Cabbage conditions were 3 percent fair, 66 percent good, and 31 percent excellent. Sweet corn harvest was 40 percent complete, up from 16 percent last year, and 28 percent five-year average. Sweet corn conditions were 1 percent poor, 8 percent fair, 66 percent good, and 25 percent excellent. Tomatoes were 34 percent harvested, up from 22 percent five-year average. Tomato conditions were 4 percent poor, 6 percent fair, 56 percent good, and 34 percent excellent. Snap bean harvest was 42 percent complete, up from 34 percent five-year average. Snap bean conditions were 7 percent poor, 25 percent fair, 50 percent good, and 18 percent excellent.

**LIVESTOCK:** Pastures are slowing dramatically given the dry soil conditions and warm temperatures. Pasture conditions were rated 2 percent very poor, 7 percent poor, 31 percent fair, 53 percent good, and 7 percent excellent.

**Weather Data for Week Ending Sunday, August 8, 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	91	54	75	+4	179	2056	+421	0.10	-0.67	10.81	-3.27
Glens Falls	88	48	72	+3	154	1735	+305	0.39	-0.39	10.74	-2.87
Poughkeepsie	92	55	76	+4	180	2187	+480	1.25	+0.41	8.06	-8.47
<b><u>Mohawk Valley</u></b>											
Boonville	82	47	67	+2	120	1390	+269	1.32	+0.32	18.82	+0.04
<b><u>Champlain Valley</u></b>											
Plattsburgh	91	48	71	+2	149	1677	+217	2.83	+1.95	13.85	+1.05
<b><u>St. Lawrence Valley</u></b>											
Canton	85	47	69	+2	135	1653	+356	1.21	+0.32	15.65	+2.16
Massena	87	50	71	+3	149	1746	+371	1.97	+1.17	14.01	+1.61
<b><u>Great Lakes</u></b>											
Buffalo	85	53	74	+4	165	1943	+385	0.16	-0.71	16.37	+2.74
Wales	85	47	69	+2	134	1593	+332	0.35	-0.49	14.61	-1.43
Niagara Falls	88	52	74	+4	172	2002	+434	0.08	-0.72	12.75	-0.50
Rochester	88	51	73	+4	163	1988	+473	0.45	-0.28	16.13	+4.26
Watertown	86	45	73	+5	160	1732	+429	0.03	-0.60	12.63	+2.09
<b><u>Central Lakes</u></b>											
Dansville	87	51	71	+2	147	1891	+375	0.62	-0.07	15.68	+2.34
Geneva	88	53	72	+3	157	1912	+412	0.34	-0.32	16.53	+3.25
Honeoye	88	50	72	+2	157	1873	+314	0.43	-0.25	17.96	+4.89
Ithaca	88	51	72	+4	155	1779	+420	0.68	-0.09	12.21	-2.11
Penn Yan	88	53	73	+4	159	1989	+489	0.35	-0.31	13.79	+0.51
Syracuse	90	54	75	+5	174	2068	+534	0.58	-0.19	15.15	+0.05
Warsaw	83	46	69	+3	133	1584	+410	0.45	-0.36	18.71	+3.22
<b><u>Western Plateau</u></b>											
Angelica	86	51	70	+5	144	1718	+565	0.60	-0.17	17.39	+2.45
Elmira	88	51	71	+3	152	1883	+442	0.37	-0.33	14.04	+0.22
Franklinville	84	48	68	+4	130	1501	+447	0.65	-0.19	16.77	+1.12
Jamestown	85	52	70	+5	145	1701	+514	0.64	-0.30	17.80	+0.39
<b><u>Eastern Plateau</u></b>											
Binghamton	87	54	72	+4	154	1892	+492	0.11	-0.65	13.02	-1.44
Cobleskill	88	49	71	+4	148	1697	+399	0.60	-0.17	13.49	-2.03
Morrisville	85	50	70	+3	140	1664	+426	0.75	-0.02	17.84	+2.53
Norwich	88	49	70	+3	143	1635	+334	0.58	-0.12	14.88	-0.53
Oneonta	87	51	71	+5	147	1725	+523	1.21	+0.37	15.41	-1.45
<b><u>Coastal</u></b>											
Bridgehampton	90	58	76	+5	181	2102	+566	0.00	-0.72	9.10	-6.10
New York	93	71	81	+5	221	2851	+732	0.01	-0.85	9.65	-6.59

<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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