



# WEATHER AND CROPS

## July 2, 2012

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Released, July 2, 2012

Week Ending, July 1, 2012

No. 977-11-12

**WEATHER:** We began this period rather cool and unsettled as an upper level low pressure system was situated over New England. This brought scattered showers and thunderstorms with the higher concentration of wet weather confined across the northern tier of New York. As the week progressed, the heat and humidity made a return to the Empire State with a few additional showers and thunderstorms on Thursday and Friday. For the week, temperatures averaged near normal for most of upstate New York with slightly above normal for the southern portions of the state. Precipitation averaged below normal for most of the region outside of locations where thunderstorms occurred.

**CROPS:** There were 6.1 days suitable for fieldwork during the week. Soil moisture was rated 10 percent very short, 39 percent short, 50 percent adequate, and 1 percent surplus. Hay crops were rated 9 percent poor, 29 percent fair, 54 percent good, and 8 percent excellent. Condition of oats were 1 percent poor, 16 percent fair, 66 percent good, and 17 percent excellent. Wheat was rated 6 percent poor, 14 percent fair, 54 percent good, and 26 percent excellent. Corn was 100 percent planted compared with 98 percent last year and the average of 99 percent. Corn was rated 3 percent poor, 15 percent fair, 58 percent good, and 24 percent excellent. Potatoes were 99 percent planted compared with 98 percent last year and the average of 100 percent. Soybean planting progressed to 99 percent complete compared with 97 percent last year and the average of 98 percent. Soybeans were rated 1 percent poor, 17 percent fair, 61 percent good, and 21 percent excellent. The first cutting of alfalfa hay was 96 percent complete compared with 91 percent last year. Second cutting was 39 percent complete. Clover-timothy first cut was 89 percent complete compared with 78 percent a year ago. Second cutting was 36 percent complete. Grass silage was 93 percent cut versus 93 percent last year. The following comments are from our reporters throughout the state: Armyworm issues slowed down considerably in Jefferson County. Corn and soybeans were looking better. In Lewis County, the corn crop looks great, overall. The county was spared from much of the damage from armyworm but now has widespread potato leafhopper pressure taking its toll on second cutting alfalfa. St. Lawrence County could really use another inch of rain soon as the warm, windy weather was drying things out quickly. Dry weather is hurting yield potential for corn and soybeans in Genesee County. Wheat harvest will begin on July 2<sup>nd</sup> due to excellent conditions. Niagara County is dry. Hay production is light from armyworm damage and now dry weather is affecting regrowth. Wheat harvest has begun. In Ontario County, haying continued with reports of lower than average yields – some due to armyworms and some due to the recent dry weather. Wheat harvest is expected to get underway in the next few days. In Wayne County, there have been reports of armyworms affecting standing grass hay fields and winter wheat. In Cortland County, all corn, except the very late plantings, were knee high or better. Hot weather has given the growing degrees needed, but lack of moisture in the ground has a few leaves beginning to curl on the gravel fields. Hay regrowth is slow. A good soaking rain is needed for all crops. In Madison County, fields are dry. Armyworms and leaf hopper are concerns. Crops are ahead and wheat is starting to turn. Second cutting is in full swing, especially in the northern part of the county. Otsego County had another great week to get dry hay harvested. Not much rain to speak of. Fields are getting dry. In Albany County, dry hay harvest was going well. Excellent quality dry hay was being made. Corn is curling and needs some rain as soon as possible. In Montgomery and Fulton Counties, the crops were looking better each day. There are parts of both counties that could use some rain but they are hesitant to say that too loud after last summer. In Broome County, second cutting alfalfa is very thin and light. Second cutting grass fields were being left in hopes that more regrowth will occur. Above normal temperatures have been ideal for corn growth. In Schuyler County, corn crops were starting to become stressed and soybeans were not growing due to the very dry conditions. In Delaware County, crops appear to be in the “normal” stages of development. Very few complaints or issues have been reported other than where the armyworm and cutworms have arrived in the county. In Dutchess County, first cutting hay was nearly done.

**FRUIT:** Apples were reported in 68 percent poor condition, 17 percent fair, 14 percent good, and 1 percent excellent. Grape condition was 23 percent poor, 20 fair, 32 good, and 25 excellent. Peaches were in 55 percent poor condition, 12 fair, 32 good, and 1 excellent. Pears rated 55 percent poor, 18 fair, 26 good, and 1 excellent. Sweet cherries were 78 percent poor, 12 fair, 9 good, and 1 excellent. Tart cherries were 89 percent poor, 8 fair, and 3 good. Long Island vineyards have progressed through fruit set. Berries are not quite pea sized. Growers were hedging the tops of the canopies and pulling leaves from around clusters to improve air circulation.

**VEGETABLE:** Vegetable crops were doing well with the addition of irrigation. Sweet corn was being harvested. The use of high tunnels made locally grown tomatoes available. Sweet corn was at 96 percent planted, tied with 96 percent last year but ahead of the 94 percent average. Condition of sweet corn was 3 percent poor, 21 percent fair, 69 percent good, and 7 percent excellent. Onions were 2 percent poor, 1 percent fair, and 97 percent good. Snap beans were at 84 percent planted, up from 67 percent last year and above the 77 percent average. Cabbage was at 98 percent planted, up from 78 percent last year and ahead of the 88 percent average. Tomatoes were at 99 percent planted, up from 92 percent last year and ahead of the 96 percent average. Lettuce was at 98 percent planted compared to 93 percent last year and ahead of the 85 percent average.

**LIVESTOCK:** Pastures have halted growth, requiring supplemental feed for some. Regrowth in pastures was very slow. Pastures were going downhill fast with the heat and dry weather. Pasture was rated 5 percent very poor, 14 percent poor, 27 percent fair, 46 percent good, and 8 percent excellent.

**Weather Data for Week Ending Sunday, July 1, 2012**

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 County AP	92	53	71	+2	151	1071	+243	0.12	-0.68	11.15	+1.00
Glens Falls AP	89	49	68	0	129	921	+221	0.47	-0.23	11.91	+2.05
Poughkeepsie AP	96	50	73	+3	160	1177	+297	1.42	+0.53	8.68	-3.09
<b><u>Mohawk Valley</u></b>											
Boonville	84	48	63	-1	97	659	+134	0.59	-0.41	12.45	-1.31
<b><u>Champlain Valley</u></b>											
Plattsburgh Int AP	93	55	69	+2	138	867	+148	0.76	+0.06	6.54	-2.33
<b><u>St. Lawrence Valley</u></b>											
Canton	86	52	66	0	116	809	+189	0.82	+0.05	10.43	+1.18
Massena	87	52	68	+2	129	890	+224	0.67	-0.07	9.47	+1.02
<b><u>Great Lakes</u></b>											
Buffalo Int AP	84	55	71	+3	150	1082	+304	0.00	-0.76	6.62	-3.06
Wales	85	48	67	+2	122	843	+234	0.49	-0.43	8.36	-3.29
Niagara Falls	89	53	71	+3	149	1054	+261	0.02	-0.70	7.02	-2.57
Rochester NY	89	55	71	+4	151	1077	+306	0.05	-0.63	8.45	+0.02
Watertown Intl	84	55	69	+4	135	947	+334	0.71	+0.19	7.22	-0.73
<b><u>Central Lakes</u></b>											
Dansville AP	91	49	71	+3	144	1143	+377	0.30	-0.54	7.41	-2.27
Geneva Research	88	53	70	+2	143	1001	+257	0.11	-0.69	7.62	-2.10
Honeoye	87	46	67	-3	121	973	+202	0.02	-0.77	8.02	-1.59
Ithaca Cornell Univ.	90	46	68	+2	131	935	+266	0.23	-0.61	8.94	-1.20
Penn Yan	89	52	72	+4	153	1074	+330	0.07	-0.73	7.61	-2.11
Syracuse	92	57	72	+5	156	1137	+357	0.38	-0.53	7.66	-2.89
Warsaw	83	50	66	+2	115	806	+245	0.75	-0.18	11.21	-0.08
<b><u>Western Plateau</u></b>											
Hornell Almond Dam	90	47	67	+2	123	826	+212	0.29	-0.55	10.53	+1.01
Elmira	95	50	70	+3	139	999	+285	0.19	-0.65	7.64	-2.17
Franklinville	87	43	65	+2	107	770	+279	0.31	-0.63	10.50	-0.72
Jamestown 4NE	90	45	66	+2	116	872	+304	0.54	-0.48	10.17	-2.30
<b><u>Eastern Plateau</u></b>											
Binghamton/Broo	90	48	68	+2	132	922	+232	0.53	-0.31	10.59	+0.36
Cobleskill	88	51	69	+3	133	856	+220	0.25	-0.69	9.79	-1.49
Morrisville	89	50	68	+3	125	832	+235	0.46	-0.45	10.85	-0.19
Norwich	90	48	67	+1	118	854	+220	0.30	-0.60	10.89	-0.45
Oneonta	88	49	66	+2	115	902	+322	0.52	-0.44	10.01	-2.14
<b><u>Coastal</u></b>											
Bridgehamton	90	55	72	+4	157	976	+243	1.80	+1.04	11.96	+0.50
New York LGA	98	60	78	+5	200	1423	+288	0.52	-0.34	12.05	+0.73

<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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