



# WEATHER AND CROPS

## July 9, 2012

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Released, July 9, 2012

Week Ending, July 8, 2012

No. 977-12-12

**WEATHER:** For the week temperatures averaged above normal statewide with precipitation generally below normal. The week started with a cold frontal passage on Sunday, July 1<sup>st</sup>. Isolated to scattered showers and thunderstorms preceded and accompanied this frontal passage mainly across southeast New York and Long Island. Some of the thunderstorms were severe producing large hail and strong winds. High pressure then built across the state for Monday and Tuesday with fair weather and warm temperatures. On Wednesday, a low pressure system tracked across southeast Canada. A warm front, followed by a cold frontal passage, brought isolated to scattered showers and thunderstorms to portions of the state Wednesday afternoon and evening, especially across northern New York State. Again, some of the thunderstorms were severe producing large hail and strong winds, especially across northeast portions of the state. Another cold front passed across the state Saturday, July 7<sup>th</sup> preceded and accompanied by isolated to scattered showers and thunderstorms.

**CROPS:** There were 6.5 days suitable for fieldwork during the week. Soil moisture was rated 25 percent very short, 50 percent short, and 25 percent adequate. Hay crops were rated 14 percent poor, 39 percent fair, 44 percent good, and 3 percent excellent. Condition of oats were 2 percent poor, 18 percent fair, 63 percent good, and 17 percent excellent. Wheat was rated 4 percent poor, 14 percent fair, 57 percent good, and 25 percent excellent. Corn was rated 6 percent poor, 23 percent fair, 52 percent good, and 19 percent excellent. Soybeans were rated 3 percent poor, 26 percent fair, 58 percent good, and 13 percent excellent. The first cutting of alfalfa hay was 99 percent complete compared with 96 percent last year. Second cutting was 54 percent complete. Clover-timothy first cut was 96 percent complete compared with 86 percent a year ago. Second cutting was 51 percent complete. Grass silage was 96 percent complete, the same as a year ago. The following comments are from our reporters throughout the state: Continued dry weather was not helping crop conditions in Jefferson County. Field crops were starting to suffer from lack of moisture in Lewis County. Conditions were dry in Erie County, causing corn to roll and hay regrowth to be very slow. In Genesee County, wheat harvest was progressing very rapidly with excellent quality and above average yields. Rains are needed for every other crop. Wheat harvest was well underway in Livingston County, increasing the possibility of double cropping with soybeans. Growing crops were showing signs of stress due to the lack of rainfall. Ontario County received a brief shower late in the week which helped the dry crop conditions. Corn and soybeans were getting stressed and could still use some rain. Wheat harvest was well underway and dry hay making continued. In Yates County, there was no second cutting hay growing due to extremely dry conditions. Despite some showers over the weekend, it was still very dry in Cayuga County. Hay was suffering with limited regrowth towards second cut. Corn was showing signs of heat stress. In Cortland County, corn was curling and pointing on several fields, especially severe on well-drained fields. Recently planted fields were showing poor germination. Winter wheat fields were turning. Early planted oats were showing the first hints of turning. The lack of rain in Madison County was starting to affect corn. Moisture is needed for all crops. In Albany County, conditions were still dry. Corn was curling and needs rain. Farmers had no difficulty making dry hay. Fulton and Montgomery Counties also need some rain. Crops are beginning to suffer. Dry hay was made and most of it was cut one day and ready to bale the next day. Conditions were also dry in Saratoga County. Second and third cut hay production was diminished due to lack of moisture and extreme dry conditions. In Broome County, hay had little regrowth and many fields were turning or remaining brown. The forecast for no rain has many producers concerned about crop growth. In Schuyler County, another week of very hot weather and winds stressed all crops. Wheat was harvested due to good weather. Columbia and Greene Counties were also getting very dry. Corn that was planted early was starting to tassel but it is not as tall as it should be in some places and is curled. The second cutting is light and short. In Delaware County, there were reports of corn curling. Dutchess County reports extremely dry conditions in the fields affecting hay, corn, and soybeans.

**FRUIT:** Apple conditions were 69 percent poor, 18 percent fair, 12 percent good, and 1 percent excellent. Peach conditions were 57 percent poor, 11 percent fair, and 32 percent good. Pear conditions were 55 percent poor, 18 percent fair, 25 percent good, and 2 percent excellent. Sweet cherry conditions were 78 percent poor, 11 percent fair, 10 percent good, and 1 percent excellent. Tart cherry conditions were 89 percent poor, 8 percent fair, and 3 percent good. Grape conditions were 22 percent poor, 20 percent fair, 33 percent good, and 25 percent excellent. Strawberry conditions were 25 percent poor, 31 percent fair, 42 percent good, and 2 percent excellent. The following comments are from our reporters throughout the state: In Dutchess County, fruit showed signs of sunburn due to the latest heat wave and lack of rain. In Long Island, vineyards were hedging and leafing the cluster zone. Cluster thinning will take place soon.

**VEGETABLE:** Vegetable growers were irrigating where possible. Sweet corn needed moisture for growth. Sweet corn was at 99 percent planted, up from 98 percent last year and ahead of the 98 percent average. Condition of sweet corn was 6 percent poor, 27 percent fair, 60 percent good, and 7 percent excellent. Onions were 2 percent poor, 7 percent fair, 83 percent good and 8 percent excellent. Snap beans were at 88 percent planted, up from 83 percent last year and above the 87 percent average. Cabbage was at 100 percent planted, up from 84 percent last year and ahead of the 84 percent average. Lettuce was at 100 percent planted compared to 96 percent last year and ahead of the 91 percent average.

**LIVESTOCK:** Pastures were suffering and drying up. Pasture was rated 11 percent very poor, 25 percent poor, 36 percent fair, 27 percent good, and 1 percent excellent.

**Weather Data for Week Ending Sunday, July 8, 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	61	76	+5	181	1252	+275	0.11	-0.63	11.26	+0.37
Glens Falls AP	90	55	73	+4	164	1085	+250	0.45	-0.18	12.36	+1.87
Poughkeepsie AP	93	59	77	+6	191	1368	+339	0.05	-0.86	8.73	-3.95
<b><u>Mohawk Valley</u></b>											
Boonville	90	55	69	+4	135	791	+157	0.12	-0.80	12.57	-2.11
<b><u>Champlain Valley</u></b>											
Plattsburgh Int AP	90	52	72	+4	157	1024	+168	1.15	+0.51	7.69	-1.82
<b><u>St. Lawrence Valley</u></b>											
Canton	88	53	71	+4	146	955	+213	0.19	-0.54	10.62	+0.64
Massena	89	51	72	+4	157	1047	+252	0.14	-0.56	9.61	+0.46
<b><u>Great Lakes</u></b>											
Buffalo Int AP	91	62	77	+7	191	1273	+352	0.14	-0.56	6.76	-3.62
Wales	89	54	72	+6	155	994	+267	0.08	-0.77	8.74	-3.76
Niagara Falls	94	58	76	+7	184	1238	+303	0.45	-0.19	7.47	-2.76
Rochester NY	94	59	76	+7	184	1261	+354	0.07	-0.56	8.52	-0.54
Watertown Intl	87	53	71	+4	152	1099	+362	0.15	-0.28	7.37	-1.01
<b><u>Central Lakes</u></b>											
Dansville AP	96	57	77	+8	190	1333	+430	0.16	-0.59	7.57	-2.86
Geneva Research	92	60	75	+6	178	1179	+298	0.24	-0.48	7.86	-2.58
Honeoye	92	53	73	+3	161	1135	+221	0.22	-0.46	8.57	-1.72
Ithaca Cornell Univ.	92	51	72	+5	158	1093	+299	0.45	-0.35	9.39	-1.55
Penn Yan	94	59	76	+8	187	1261	+380	0.31	-0.41	7.92	-2.52
Syracuse	95	60	77	+8	191	1328	+411	0.22	-0.69	7.88	-3.58
Warsaw	87	54	72	+7	154	960	+288	0.23	-0.59	11.44	-0.67
<b><u>Western Plateau</u></b>											
Hornell Almond Dam	93	53	72	+6	159	985	+252	0.32	-0.47	10.85	+0.54
Elmira	96	53	75	+7	175	1174	+327	0.50	-0.32	8.14	-2.49
Franklinville	91	50	72	+8	153	919	+326	0.42	-0.45	10.85	-1.24
Jamestown 4NE	93	54	74	+9	169	1040	+360	0.54	-0.40	10.71	-2.70
<b><u>Eastern Plateau</u></b>											
Binghamton/Broo	90	55	73	+6	166	1088	+269	0.73	-0.11	11.32	+0.25
Cobleskill	91	55	72	+6	158	1014	+257	0.03	-0.81	9.82	-2.30
Morrisville	91	50	70	+4	140	880	+168	0.15	-0.69	10.47	-1.41
Norwich	91	51	71	+4	148	1002	+247	0.11	-0.73	11.00	-1.18
Oneonta	88	55	72	+7	155	1057	+363	0.15	-0.76	10.16	-2.90
<b><u>Coastal</u></b>											
Bridgehamton	90	61	77	+7	190	1166	+290	0.38	-0.32	12.34	+0.18
New York LGA	97	73	85	+9	243	1666	+352	0.36	-0.55	12.41	+0.18

<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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