



WEATHER AND CROPS

August 6, 2007

Cooperating with New York Department of Agriculture and Markets
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Released, August 6, 2007

Week Ending, August 5, 2007

No. 977-15-07

WEATHER: High pressure dominated the weather for most of the week with a low pressure system finally moving into and through the region on Friday and Saturday. It was hot and humid with high temperatures in the 90's across most of the state my mid to late week.

CROPS: Dry, warm weather prevailed through most of the state allowed farmers to continue harvesting small grains and hay. There were 6.3 days suitable for fieldwork. Soil moisture was rated as 10 percent very short, 31 percent short, and 59 percent adequate. Corn condition was 6 percent poor, 14 percent fair, 45 percent good, and 35 percent excellent. Hay condition was rated as 11 percent poor, 38 percent fair, 44 percent good, and 7 percent excellent. Soybean condition was 2 percent poor, 13 percent fair, 57 percent good, and 28 percent excellent. Oats were 45 percent harvested compared with 35 percent last year. Winter wheat 89 percent harvested compared with 69 percent last year. The second cutting of alfalfa was 83 percent harvested ahead of last year's 76 percent. Third cutting of alfalfa hay was 45 percent harvested compared with 21 percent from last year. Second cutting of timothy hay was 63 percent completed compared with 53 percent last year. Third cutting of timothy was 21 percent harvested ahead of last year's 10 percent. Potatoes were 16 percent harvested behind last year's 19 percent. The following are comments from across the state: In Jefferson County, hay regrowth was good. Crops across St. Lawrence County are excellent, a good year for all types of crops. In Clinton County there were lots of second cuttings of hay made this past week, as well as very, very late first cut. Dry weather in Ontario County continued to stress the crops and rain is very much needed. Hay yields continued to be very low yielding due to the lack of rain. Wyoming County continued to be very hot and dry, "please send rain showers and moderate temperatures" was the prayer for the week. In Cortland County, another week of hit and miss showers. More rain is needed across the county; some areas had leaves just starting to curl on the corn. Corn is generally in good condition; areas that frequently miss rain have short corn behind in maturity and poor pasture. In Tompkins County timely rains had come just as corn began pollination. Corn crop looks great. Rain has not been uniform and some areas are very short of moisture. Madison County, hay is short and some soybeans like corn look good; other fields are spotty. Excellent growing conditions in Columbia County with the sporadic showers. Should be an excellent corn and hay crop. Some soybeans sprayed for aphids. Soybeans look excellent! In Albany County, fine summer weather continues with a great deal of dry hay being made. The corn crop continues to mature and it looked very good. Crops could use some rain though. Soil conditions are in need of moisture. Corn on well drained soils are showing stress and curling. Pastures are showing moisture stress. Montgomery and Fulton Counties are reporting the corn just looks better and better. Third-cutting of hay is well underway. In Washington County it was a week of hot, hazy and humid weather. Many farmers were able to bale hay during the week. The corn crop looks good, but things are starting to dry out, and could use some more rain for the crop to reach its maximum yield potential.

FRUIT: Apples were judged to be in 5 percent poor condition, 10 percent fair, 45 percent good, and 40 percent excellent. Apples were 15 percent harvested. Grapes were 7 percent poor, 11 percent fair, 76 percent good and 6 percent excellent. Pears were 6 percent poor, 19 percent fair, 62 percent good and 13 percent excellent. Pears were 18 percent harvested. Peaches were 8 percent poor, 15 percent fair, 30 percent good, and 47 percent excellent. Peaches were 40 percent harvested. In the Lake Ontario fruit region, growers were busy collecting leaf samples to check foliar nutrition. In Albany County, the apple and pear crops continued to look good due to the excellent growing conditions. In the Long Island fruit region, veraison is expected to occur in Chardonnay grapes soon. Pinot Noir and Pinot Gris were already turning. As of July 31, Riverhead had 1799 growing degree days.

VEGETABLE: Dryness stressed vegetable crops where irrigation wasn't available. Harvesting moved ahead unhindered. Farmer markets were going strong and vegetable stands had a wide variety of crops. Harvest of processing sweet corn and beets began in western regions. Snap bean harvest continued with varied yields. Heat, insects, and viruses were all a concern for snap bean production. Onion condition was 9 percent poor, 40 percent fair, and 51 percent excellent. Harvest reached 27 percent complete ahead of the average progress of 14 percent. Tomatoes were 30 percent harvested, sweet corn 37 percent, snap beans 28 percent and cabbage 21 percent. Progress was generally ahead of last year and average.

LIVESTOCK: Pasture conditions were estimated to be in fair condition. Pasture conditions were rated 9 percent very poor, 17 percent poor, 38 percent fair, 33 percent good, and 3 percent excellent.

Weather Data for Week Ending Sunday, August 5, 2007

Station	Temperature (°F)				Growing Degree Days Base 50° ^{1/}			Precipitation (Inches) ^{1/}			
	High	Low	Avg	Dep. from Norm	Week	Season	Dep. from Norm	Week	Dep. from Norm	Season	Dep. from Norm
<u>Hudson Valley</u>											
Albany	92	55	76	+5	184	1773	+201	0.00	-0.77	19.86	+6.11
Glens Falls	91	47	73	+4	163	1445	+72	0.10	-0.67	13.68	+0.41
Poughkeepsie	94	58	77	+5	189	1905	+264	0.02	-0.82	19.37	+3.20
<u>Mohawk Valley</u>											
Boonville	86	50	70	+4	139	1165	+92	0.25	-0.71	15.17	-3.17
<u>Champlain Valley</u>											
Plattsburgh	93	47	72	+3	155	1354	-49	0.04	-0.80	16.05	+3.64
<u>St. Lawrence Valley</u>											
Canton	89	47	72	+4	152	1383	+140	0.02	-0.84	15.08	+1.98
Massena	91	49	72	+4	158	1443	+123	0.05	-0.72	13.72	+1.68
<u>Great Lakes</u>											
Buffalo	93	57	76	+5	183	1728	+232	0.00	-0.82	8.94	-4.30
Wales	92	56	72	+5	156	1294	+84	0.25	-0.59	10.93	-4.75
Niagara Falls	94	54	75	+5	180	1678	+171	0.93	+0.18	9.46	-3.43
Rochester	95	55	75	+5	175	1774	+316	0.00	-0.70	8.27	-3.27
Watertown	90	51	72	+4	160	1400	+152	0.11	-0.47	8.52	-1.74
<u>Central Lakes</u>											
Dansville	95	52	74	+4	169	1534	+78	0.00	-0.66	9.88	-3.16
Geneva	95	53	74	+4	170	1580	+140	0.09	-0.54	10.06	-2.92
Honeoye	93	46	71	-1	147	1450	-46	0.00	-0.65	12.43	-0.34
Ithaca	90	47	71	+3	146	1419	+114	0.12	-0.65	12.11	-1.88
Penn Yan	95	55	75	+5	177	1721	+281	0.00	-0.63	10.50	-2.48
Syracuse	95	54	75	+5	178	1691	+217	0.00	-0.78	12.50	-2.27
Warsaw											
<u>Western Plateau</u>											
Angelica	90	44	69	+3	131	1117	+12	0.00	-0.77	12.53	-2.08
Elmira	96	49	72	+3	153	1507	+123	1.18	+0.48	11.16	-2.36
Franklinville	90	45	69	+4	135	1178	+169	0.00	-0.84	11.61	-3.68
Jamestown	90	49	72	+6	152	1327	+189	0.00	-0.91	14.05	-2.94
<u>Eastern Plateau</u>											
Binghamton	88	54	73	+5	164	1557	+214	0.08	-0.69	14.57	+0.43
Cobleskill	89	49	71	+4	150	1372	+128	0.18	-0.59	18.68	+3.49
Morrisville	87	52	70	+4	142	1294	+107	0.54	-0.23	14.97	-0.01
Norwich	91	51	72	+4	153	1341	+94	0.25	-0.45	16.07	+0.96
Oneonta	96	54	75	+10	176	1625	+472	0.04	-0.80	17.99	+1.49
<u>Coastal</u>											
Bridgehamton	92	61	78	+6	194	1700	+230	0.00	-0.70	15.83	+0.95
New York	98	72	83	+7	229	244	+405	0.97	+0.08	26.19	+10.31

^{1/} Season accumulations are for April 1st 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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