



# WEATHER AND CROPS

## June 11, 2007

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Released, June 11, 2007

Week Ending, June 10, 2007

No. 977-07-07

**WEATHER:** Precipitation was above normal for the week across most of the state with temperatures averaging near normal. The week started off wet with slow moving thunderstorms across southeast portions of the state on Sunday and the remnants of Tropical Storm Barry impacting much of the state Sunday into Monday. Some locations in the Catskills picked up over 5 inches of rain during these two days. On Tuesday, a strong cold front moved through the state with strong to severe thunderstorms ahead of the front producing hail in many areas along with some damaging wind gusts. This cold front also brought very cold air to the state with frost occurring on Tuesday night across parts of the Adirondacks. From Wednesday through much of Friday, dry weather occurred across the state as a large ridge of high pressure moved into the state with a significant warming trend occurring during the period. High temperatures rose from the 50's and 60's on Wednesday to the 60's and 70's on Thursday to the 80's and 90's on Friday. On Friday evening another round of strong to severe thunderstorms impacted western and central New York ahead of another cold front with many reports of wind damage and a few large hail reports. The storms weakened considerably as they moved into eastern New York. On Saturday, mainly dry and seasonable conditions occurred across the state with high temperatures in the 70's and 80's.

**CROPS:** Warm weather conditions allowed farmers to harvest their first cutting of haylage. There was 5.5 days suitable for fieldwork. Soil moisture was rated as 28 percent short, 69 percent adequate, and 3 percent surplus. Winter wheat condition was 17 percent fair, 62 percent good, and 21 percent excellent. Oat condition was 16 percent fair, 71 percent good, and 13 percent excellent. Hay condition was 10 percent fair, 65 percent good, and 25 percent excellent. Corn was 98 percent planted compared with 90 percent last year and a five year average of 84 percent. Five percent of the dry beans were planted compared with last year's 40 percent. Soybeans were 90 percent planted compared with 72 percent last year and 61 percent as the five year average. Forty-six percent of the first cutting of alfalfa was completed compared with 30 percent from last year. The clover-timothy mix of hay was 37 percent cut compared with 24 percent last year. The grass silage was 57 percent harvested compared with 34 percent last year. The following are comments from across the state: In Cortland County and Onondaga County the corn was sprayed with herbicides. In St. Lawrence County there was lots of haylage chopped. Small grains were heading out in Jefferson County.

**FRUIT:** Apples were in 47 percent good, and 53 percent excellent condition. Grapes were 8 percent poor, 12 percent fair, 40 percent good and 40 percent excellent. Peaches were 12 percent poor, 13 percent fair, and 50 percent good, and 25 percent excellent condition. Pears were 8 percent poor, 8 percent fair, 44 percent good and 40 percent excellent. Sweet cherries were 8 percent poor condition, 8 percent fair, and 84 percent good. Tart cherries were 8 percent poor condition, 8 percent fair, and 44 percent good, and 40 percent excellent. In the Lake Ontario region, fruit trees and grape vines were being monitored for any late frost damage. In the Finger Lakes fruit region, a few growers have reported poor or uneven bud burst in some vinifera vineyards. Some growers suspect late winter injury as the culprit for uneven bud burst. In the Long Island fruit region, trace bloom occurred in Chardonnay on June 6<sup>th</sup>. Warmer temperatures received on June 8<sup>th</sup> will accelerate blooms in other early varieties. Blooms appeared to be on schedule for this region. Strawberry harvest was underway. "Pick your own" berries will begin soon. Apples in the Capital Region were starting to size up and a good crop is expected.

**VEGETABLE:** The state received beneficial rain, helping crops along and enabling planting to begin again for some crops. Onion producers reported some weed pressure with the dry weather, and conditions favored onion thrips. Condition of onions was reported to be mostly fair to good. Approximately 80 percent of sweet corn acreage was planted, compared to a five-year average of 73 percent. Sweet corn condition was reported to be good to excellent. In eastern New York, sweet corn should be ready for harvest by July 4<sup>th</sup>. Snap beans were 68 percent planted, above the five-year average of 57 percent. Cabbage planting across the state was 75 percent complete. A producer in Oneida County stated "there is little insect problem" on his cabbage crop. Asparagus harvest was very active, but nearing the end.

**LIVESTOCK:** Pastures conditions continue to show good growth. Pasture conditions across most of the state were estimated to be in good condition. Pasture conditions were rated 1 percent poor, 24 percent fair, 54 percent good and 21 percent excellent.

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	90	40	66	+2	113	583	+160	1.66	+0.81	11.13	+3.52	
Glens Falls	88	34	63	+2	95	447	+103	1.86	+1.09	9.10	+1.41	
Poughkeepsie	91	42	65	+1	110	660	+189	1.46	+0.55	11.37	+2.24	
<b><u>Mohawk Valley</u></b>												
Boonville	84	37	59	0	72	333	+87	1.84	+0.75	8.41	-2.17	
<b><u>Champlain Valley</u></b>												
Plattsburgh	86	36	61	-2	83	405	+55	0.84	+0.14	8.26	+1.59	
<b><u>St. Lawrence Valley</u></b>												
Canton	89	40	63	+3	96	416	+117	1.11	+0.34	6.80	-0.11	
Massena	90	40	63	+2	91	416	+88	1.12	+0.42	7.09	+0.93	
<b><u>Great Lakes</u></b>												
Buffalo	88	45	66	+3	115	539	+145	1.22	+0.38	5.03	-2.18	
Wales	87	39	60	-1	73	381	+83	0.89	-0.09	5.81	-2.94	
Niagara Falls	88	43	65	+2	108	505	+93	1.01	+0.22	4.97	-2.26	
Rochester	92	41	66	+4	116	588	+179	0.99	+0.29	4.66	-1.67	
Watertown	90	39	64	+4	99	390	+91	0.91	+0.21	4.32	-1.85	
<b><u>Central Lakes</u></b>												
Dansville	88	42	63	0	97	489	+96	1.07	+0.18	4.84	-2.13	
Geneva	91	41	63	-1	90	468	+91	1.02	+0.17	6.12	-0.98	
Honeoye	88	38	63	-2	90	480	+92	2.79	+1.94	8.02	+1.02	
Ithaca	89	38	62	-1	85	434	+100	0.77	-0.09	5.32	-2.12	
Penn Yan	90	42	65	+3	108	561	+184	1.12	+0.27	5.86	-1.24	
Syracuse	92	41	65	+3	107	531	+117	1.90	+1.06	7.12	-0.68	
Warsaw	85	37	60	0	70	377	+107	1.94	+0.96	8.33	+0.05	
<b><u>Western Plateau</u></b>												
Angelica	84	36	59	-2	64	345	+81	1.65	+0.60	6.42	-0.81	
Elmira	91	38	63	0	91	484	+124	1.68	+0.83	5.14	-1.96	
Franklinville	88	35	60	+2	72	354	+129	1.82	+0.84	6.94	-1.26	
Jamestown	87	41	62	+2	83	426	+153	1.23	+0.18	8.51	-0.73	
<b><u>Eastern Plateau</u></b>												
Binghamton	88	41	63	+2	94	508	+161	0.81	-0.03	6.55	-1.14	
Cobleskill	89	38	62	+1	87	427	+113	1.30	+0.32	13.44	+5.10	
Morrisville	89	37	61	0	80	390	+96	1.20	+0.24	7.77	-0.38	
Norwich	89	38	62	+1	86	396	+79	1.32	+0.35	9.29	+0.81	
Oneonta	92	38	65	+5	104	496	+213	1.06	+0.08	12.72	+3.53	
<b><u>Coastal</u></b>												
Bridgehamton	76	48	64	+1	96	494	+139	3.36	+2.47	12.45	+3.41	
New York	85	58	71	+3	147	894	+257	2.86	+2.04	16.82	+8.03	

<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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