



# WEATHER AND CROPS

## June 25, 2007

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Released, June 25, 2007

Week Ending, June 24, 2007

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**WEATHER:** A cool front came through the region on Sunday, June 17<sup>th</sup> ushering in a Canadian air mass which dominated Monday the 18<sup>th</sup>. On Tuesday the 19<sup>th</sup>, much warmer air came into the area from the southwest bringing oppressive heat and humidity, with high temperatures close to or above 90 in much of the region, with numerous thunderstorms breaking out especially as a cold front approached the region late Tuesday afternoon. High pressure dominated the region most of the rest of the week with cooler temperatures. Rainfall varied widely, heavy rainfall in the Catskills caused a flash flood near Roscoe while Morrisville, southwest of Utica, had only 0.06 inch of rainfall for the entire week.

**CROPS:** Scattered thunderstorms throughout the state provided some much needed rainfall to crops. Even with the rainfall there were still 5.9 days suitable for fieldwork. Soil moisture was rated as 14 percent very short, 36 percent short, and 50 percent adequate. The condition of winter wheat was 11 percent poor, 17 percent fair, 60 percent good, and 12 percent excellent. Oat condition was 6 percent poor, 19 percent fair, 64 percent good, and 11 percent excellent. The condition of the hay was 2 percent poor, 27 percent fair, 52 percent good, and 19 percent excellent. Soybeans were 99 percent planted compared with last year's 95 percent and the five year average of 84 percent. Dry beans were 84 percent planted ahead of last year's 65 percent. Corn planting was finished. The first cutting of alfalfa was 89 percent completed compared with the previous year's 70 percent. Seventy-eight percent of the clover-timothy mixed hay was cut compared with last year's 46 percent. Grass silage was 85 percent harvested compared with 66 percent last year. The following are comments from across the state: Corn development has lagged in Jefferson County due to lack of rainfall, but there were some thunderstorms at the end of the week. Schuyler County received a severe storm that produced heavy winds and hail with some damage to the corn crop. Herkimer County remains dry and the second growth hay is short. The crops in Dutchess County looked good, but parts of the county were still dry after the showers from the weekend. Hay yields are low and second cutting is short as the rain continues to miss Ontario County.

**FRUIT:** Apples were 3 percent poor condition, 13 percent fair, 58 percent good, and 26 percent excellent. Grapes were 6 percent poor, 14 percent fair, 65 percent good and 15 percent excellent. Peaches were 6 percent poor, 28 percent fair, 33 percent good and 33 percent excellent. Pears were 5 percent poor, 18 percent fair, 37 percent good and 40 percent excellent. In the Lake Ontario fruit region, growers began to notice this year's chemical thinning results on apple trees. Growers were also busy tying down apple branches and shoot pinching. The dry weather has been good for the sweet cherries, however, some irrigation would be beneficial. Growers were busy protecting cherries from brown rot infections before harvest approaches. Throughout Ontario County, strawberry and cherry picking occurred. In the Finger Lakes fruit region, hot weather over the weekend aided growth in most grape varieties. In Albany County, the strawberry crop looked good and the apple size appeared large. Some hail was observed, but no crop damage was reported. In the Long Island fruit region, most varieties sped through bloom into fruit set. Currently most varieties are slightly ahead of 2006. Growers will be busy petiole sampling to monitor nutrients.

**VEGETABLE:** Dry conditions were reported throughout the state. Rain received was spotty, though locations that received rain usually received a good amount. Farm stands were selling lettuce, cauliflower, zucchini and summer squash. Tomatoes were 93 percent planted, compared to 85 percent last year. Lettuce condition was widely variable, ranging from fair to excellent. Condition of onions was reported to be mostly fair to good. Approximately 90 percent of sweet corn acreage was planted, compared to a five-year average of 87 percent. Sweet corn condition was reported to be good to excellent. Snap beans were 83 percent planted, equal to the five-year average. Cabbage planting across the state was 92 percent complete, compared to a five-year average of 85 percent. Processing pea harvest began with low yields reported.

**LIVESTOCK:** Hot dry weather has slowed pasture growth. Pasture conditions across most of the state were estimated to be in good condition. Pasture conditions were rated 3 percent very poor, 9 percent poor, 28 percent fair, 52 percent good and 8 percent excellent.

**Weather Data for Week Ending Sunday, June 24, 2007**

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	89	48	68	-1	125	837	+169	0.85	+0.01	12.16	+2.84	
Glens Falls	88	37	63	-4	94	654	+96	0.57	-0.13	9.70	+0.54	
Poughkeepsie	89	44	68	0	128	906	+187	0.31	-0.53	13.45	+2.58	
<b><u>Mohawk Valley</u></b>												
Boonville	85	41	60	-3	72	514	+102	2.07	+1.01	10.58	-2.18	
<b><u>Champlain Valley</u></b>												
Plattsburgh	88	41	63	-5	93	610	+38	1.04	+0.33	9.63	+1.48	
<b><u>St. Lawrence Valley</u></b>												
Canton	88	41	62	-4	82	622	+131	0.46	-0.31	7.38	-1.07	
Massena	89	46	64	-2	101	652	+121	0.24	-0.53	7.33	-0.35	
<b><u>Great Lakes</u></b>												
Buffalo	89	50	70	+3	139	823	+198	0.28	-0.56	5.31	-3.58	
Wales	86	40	63	-2	93	580	+95	1.18	+0.20	7.00	-3.71	
Niagara Falls	88	48	69	+3	137	782	+140	0.69	-0.10	5.66	-3.20	
Rochester	89	46	68	+3	129	861	+234	1.24	+0.54	5.90	-1.83	
Watertown	91	39	63	-2	95	606	+121	0.41	-0.20	4.73	-2.70	
<b><u>Central Lakes</u></b>												
Dansville	90	43	65	-2	110	716	+97	0.92	+0.01	5.85	-2.94	
Geneva	88	48	67	0	118	713	+116	1.03	+0.16	7.15	-1.73	
Honeoye	87	40	64	-4	101	696	+77	0.50	-0.38	8.52	-0.27	
Ithaca	91	41	64	-2	100	645	+109	1.54	+0.63	6.92	-2.34	
Penn Yan	91	51	68	+2	128	825	+228	0.83	-0.04	6.69	-2.19	
Syracuse	91	47	67	+1	120	785	+150	1.47	+0.56	8.63	-0.99	
Warsaw	87	44	63	-1	93	576	+132	0.86	-0.13	9.24	-1.08	
<b><u>Western Plateau</u></b>												
Angelica	86	36	62	-2	84	524	+91	1.13	+0.01	7.55	-1.92	
Elmira	93	44	66	+1	115	710	+137	1.06	+0.15	6.24	-2.68	
Franklinville	87	37	62	0	84	526	+143	0.70	-0.30	7.64	-2.60	
Jamestown	87	41	63	-1	92	617	+167	1.63	+0.56	10.14	-1.28	
<b><u>Eastern Plateau</u></b>												
Binghamton	90	47	65	0	109	740	+187	1.68	+0.84	8.23	-1.14	
Cobleskill	88	43	63	-2	91	622	+115	0.66	-0.32	14.32	+4.02	
Morrisville	85	43	62	-2	88	586	+112	0.11	-0.85	9.63	-0.46	
Norwich	91	42	64	-1	99	610	+103	0.86	-0.09	10.27	-0.14	
Oneonta	96	43	67	+4	120	742	+281	0.96	-0.02	13.80	+2.65	
<b><u>Coastal</u></b>												
Bridgehamton	84	48	67	+1	122	725	+144	0.13	-0.71	12.65	+1.93	
New York	90	61	75	+3	174	1212	+271	0.44	-0.40	17.50	+7.04	

<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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