



## WEATHER AND CROPS

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USDA, National Agricultural Statistics Service, N.Y. Dept. of Agriculture and Markets, Division of Statistics  
cooperating with  
U.S. Dept. of Commerce, NOAA National Weather Service and Cornell Cooperative Extension

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Week Ending, June 19, 2005

No. 977-09-05

**WEATHER:** Temperatures for the week averaged around 5 degrees above normal with the warmest weather for the week occurring during the first half of the week as a tropical air mass set up across the state with temperatures up to 15 degrees above normal. A cold front moved across the state during midweek which was followed by temperatures several degrees below normal at the end of the week. Precipitation for the week was above normal in most climatic divisions except well below normal in the Coastal Climatic Division. The big weather story for the week was the slow moving and training thunderstorms which brought devastating flash flooding to parts of the state. Hardest hit were Essex, Warren and northern Washington Counties where up to 10 to 14 inches of rain fell. The heaviest rain fell late Monday afternoon and Monday night and Thursday night. In addition there were some severe thunderstorms which downed trees and power lines on Monday and thunderstorms which produced some small hail on Friday.

**CROPS:** Most areas received wet weather. There were 3.8 days suitable for fieldwork. Soil moisture was rated 2 percent very short, 20 percent short, 64 percent adequate, and 14 percent surplus. Winter wheat was 2 percent poor, 20 percent fair, 72 percent good and 6 percent excellent. Oats were rated 3 percent poor, 22 percent fair, 66 percent good 9 percent excellent. Field corn was 99 percent planted compared to 94 percent a year ago. Hay was rated 3 percent poor, 34 percent fair, 51 percent good, and 12 percent excellent. Soybeans were 93 percent planted compared to 84 percent last year. Dry beans were 91 percent planted compared to 51 percent a year ago. Clover Timothy was 59 percent harvested compared to 50 percent last year. Following are comments from reporters across the state: In Jefferson County, small grains headed out while corn and hay all showed dramatic improvement. The second cutting was expected to begin as soon as sunny weather returned in Jefferson County. St Lawrence County operators received adequate rain in the form of at least 2 inches. In St Lawrence, the second cutting was expected to come on strong. In Lewis County, corn grew leaps and bounds with the recent warm weather and rains, with some areas receiving 2.5 inches and other areas receiving only 0.5 inches. In Clinton County, operators experienced a very wet week, with flooded fields in many areas. Some areas of Clinton County received over 7 inches of rain in the past week and no fieldwork of any kind since Monday. Where forages were not under water, they were re-growing fast in Clinton County. In Franklin County, 5.5 inches of rain were reported. Some Franklin County fields sprayed in the hot humid weather of a week ago showed signs of herbicide injury but should grow out of it. A cold front with showers moved into Ontario County which slowed down the dry hay harvest and the planting of kidney beans, but the much needed rain did help the crops. Excessive heat was relieved with moisture and temperatures in the 70s for Ontario County. In Cortland County, hot humid weather at the beginning of the week with quick storms turned to cold, rainy weather by Thursday. The rain in Cortland County was badly needed to help the growing crops and for fertilizer/herbicide applications: weeds were growing faster than the corn. Cortland County river levels were up from all the rain, some were close to the lower cropland. In Herkimer County, rains were heavy to moderate. Herkimer County corn started to come on nicely as most areas got a good watering. In Madison County, temperatures ranged from 20 degrees above average to 20 degrees below average. Some severe storms lodged hay fields that were still standing in Madison County. Montgomery and Fulton Counties received some much needed rain, however there were some places in the county that have not received much for rain. All crops in Montgomery and Fulton Counties were responding to the rain, while the harvest of hay continued. In Cattaraugus County, second cutting grass silage started in some areas of the county. In Schuyler County some oats were sprouting inside the leaves which may cause them not to mature correctly and get destroyed. In Dutchess County, crops were looking good since the weather was back to June norms and rainfall came with the seasonal temperatures. In Suffolk County, potatoes were all planted and doing well.

**FRUIT:** Statewide, apples were 8 percent poor condition, 7 percent fair, 60 percent good, and 25 percent excellent. Grapes were 4 percent poor, 11 percent fair, 65 percent good and 20 percent excellent. Peaches were 8 percent poor, 32 percent fair, and 60 percent good. Pears were 13 percent poor, 17 percent fair, and 70 percent good. In the Lake Erie fruit region, bloom was announced at the Fredonia Vineyard Lab on June 13. Bloom was three days ahead of the average. In the Southern part of the Lake Erie grape belt, Concord shoots averaged 2.5 inches of growth. Trace bloom on Concord grapes occurred on June 13. In the Long Island Region, Chardonnay and Pinot Noir varieties began bloom on June 14, which is only a few days later than last year. Nothing in red varieties yet. A much needed rain fell in the early morning on the 17<sup>th</sup>. Grape development appeared to be on schedule in Suffolk County.

**VEGETABLE:** Much needed rain relieved dryness in the State's vegetable fields. Producers were able to shut irrigation systems off after several weeks of usage. Crops responded to the warm temperatures and moisture as growth was rapidly pushed ahead. Locally grown asparagus continued to move to market. On Long Island, spinach, strawberries and asparagus were being harvested. Onion condition was reported as 8 percent fair and 92 percent good. Orange County onions were 100 in good condition.

**LIVESTOCK:** Rain showers seen in many areas aided in crop growth. Pasture and second cutting re-growth rebounded following a slight dry spell. Many areas reported a strong possibility of very good second cuttings for hay, with some operators ready to begin as soon as sunny weather returns. No livestock problems were reported. Pasture conditions were 1 percent very poor, 12 percent poor, 37 percent fair, 46 percent good, and 4 percent excellent.

**Weather Data for Week Ending Sunday, June 19, 2005**

Station	Temperature (°F)				Growing Degree Days Base 50°			Precipitation (Inches)				
	High	Low	Avg	Dep. from Norm	Week	Season <u>1/</u>	Dep. from Norm	Week	Dep. from Norm	Season <u>1/</u>	Dep. from Norm	
<b><u>Hudson Valley</u></b>												
Albany	90	57	71	+5	151	725	+150	1.24	+0.39	5.72	-3.00	
Glens Falls	88	55	69	+5	134	549	+73	3.92	+3.17	10.53	+1.87	
Poughkeepsie	90	53	71	+5	149	704	+79	2.66	+1.78	10.42	+0.15	
<b><u>Mohawk Valley</u></b>												
Utica	89	54	69	+4	132	611	+104	2.55	+1.57	9.82	+0.00	
<b><u>Champlain Valley</u></b>												
Plattsburgh	90	48	67	+2	120	493	+6	4.72	+3.96	12.15	+4.50	
<b><u>St. Lawrence Valley</u></b>												
Canton	87	50	67	+4	120	505	+88	1.57	+0.80	5.50	-2.40	
Massena	89	52	68	+5	127	516	+63	2.56	+1.79	8.25	+1.12	
<b><u>Great Lakes</u></b>												
Buffalo	85	54	68	+3	128	631	+94	0.92	+0.08	8.24	-0.05	
Colden	86	52	67	+5	120	511	+98	1.83	+0.85	9.29	-0.72	
Niagara Falls	89	57	71	+6	148	668	+113	1.70	+0.86	7.02	-1.29	
Rochester	87	55	68	+4	128	581	+37	1.50	+0.80	7.82	+0.59	
Watertown	88	53	68	+6	126	513	+100	1.50	+0.87	7.82	+0.82	
<b><u>Central Lakes</u></b>												
Dansville	90	48	68	+2	125	569	+36	2.03	+1.12	7.51	-0.63	
Geneva	89	54	68	+3	127	601	+88	2.10	+1.19	9.81	+1.54	
Honeoye	88	52	67	+2	124	556	+25	2.96	+2.05	10.25	+2.08	
Ithaca	90	49	68	+4	126	537	+78	2.75	+1.84	9.68	+1.07	
Penn Yan	90	53	69	+4	134	633	+120	2.49	+1.58	8.86	+0.59	
Syracuse	90	54	70	+5	141	703	+152	1.26	+0.35	8.06	-0.91	
Warsaw	84	48	64	+2	99	464	+87	4.08	+3.04	11.00	+1.38	
<b><u>Western Plateau</u></b>												
Alfred	87	50	67	+5	120	500	+79	1.65	+0.56	8.93	-0.41	
Elmira	89	46	68	+4	131	557	+65	0.99	+0.08	8.75	+0.48	
Franklinville	85	50	66	+6	113	417	+95	1.16	+0.11	8.79	-0.75	
Sinclairville	86	51	67	+5	118	509	+127	1.61	+0.49	8.97	-1.70	
<b><u>Eastern Plateau</u></b>												
Binghamton	86	48	67	+3	120	571	+97	0.69	-0.15	7.35	-1.42	
Cobleskill	89	54	69	+6	134	526	+93	1.10	+0.12	7.45	-2.15	
Morrisville	89	50	67	+5	120	497	+92	2.54	+1.56	9.34	-0.07	
Norwich	89	52	69	+6	130	530	+96	5.00	+4.02	10.87	+1.13	
Oneonta	92	53	71	+9	146	582	+189	3.32	+2.34	10.57	+0.12	
<b><u>Coastal</u></b>												
Bridgehamton	90	53	68	+3	129	515	+21	0.23	-0.61	8.48	-1.64	
New York	91	61	75	+4	176	897	+70	0.19	-0.65	6.74	-3.12	

1/ Season accumulations are for April 1<sup>st</sup> to date.

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The information contained in this weekly release is obtained from reports from Cornell Cooperative Extension agents, USDA Farm Service Agency agents, 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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