



# WEATHER AND CROPS

## May 14, 2007

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Released, May 14, 2007

Week Ending, May 13, 2007

No. 977-03-07

**WEATHER:** Warm, dry conditions prevailed during much of the week. Temperatures averaged from 4 to 10 degrees above normal. Most regions received below normal rainfall. Weekly amounts ranged from none at Dansville to 2.14 inches at Oneonta. The higher amounts were the result of locally heavy thunderstorms. Growing Degree Day accumulations since April 1<sup>st</sup> ranged from 70 to 308. Departures from normal are above normal across the state.

**CROPS:** Near perfect weather conditions allowed farmers to catch up on fieldwork. Ideal weather conditions provided 6.3 days suitable for fieldwork. Soil moisture was rated 15 percent short, 81 percent adequate, and 4 percent surplus. Oat condition was 2 percent poor, 19 percent fair, 74 percent good, and 5 percent excellent. Winter wheat was rated as 3 percent poor, 33 percent fair, 55 percent good, and 9 percent excellent. Corn for grain was 41 percent planted compared with 57 percent last year and a five year average of 36 percent. Oats were 80 percent planted compared with 93 percent last year and 77 percent over the last five years. Potatoes reached 44 percent completion compared with 45 percent last year and 43 percent over the last five years. Soybeans were 11 percent planted compared with 10 percent last year and a five year average of 14 percent. The following are reports from across the state: Fieldwork continued at a rapid pace in Jefferson County. St. Lawrence County became busy with farmers out preparing fields. In Niagara County corn and soybean plantings continued at full force. Madison County reported a very good week for field work. Onondaga County saw the last of the oats that were going to be planted for the season. Several growers completed planting in Otsego County. Lots of corn was planted last week in Montgomery County. Corn for grain acreage will likely be up in Wayne and Wyoming Counties due to Ethanol plants coming on line this coming fall. Early planted corn in Clinton County was emerging.

**FRUIT:** Apples were at 53 percent half-inch green to pink stage of development; 59 percent full bloom. Peaches were 55 percent half-inch green to pink; 60 percent full bloom. Pears were at 100 percent petal fall and sweet and tart cherries were at 100 percent petal fall. In the Lake Erie fruit region, bud break was recorded at the Fredonia Vineyard Lab on May 8<sup>th</sup>. Weather conditions so far have been favorable for field work. Growers were still pruning and tying in some vineyards. In the Lake Ontario fruit region, recent showers brought fire blight infections for most apples and pears in bloom in the southern areas of Monroe, Orleans, and Niagara Counties. Pears that bloomed early in some orchards of Wayne County resulted in infections two days later. However, pears that bloomed later on May 10<sup>th</sup> had no risk of infections through the past weekend. In Schuylar County, frost occurred on May 13<sup>th</sup> affecting fruit crops. In Onondaga County, strawberries looked good, but were running slightly behind of schedule. Sweet cherries observed had a big bloom. Many grape varieties have early leaves and were in bud swell. In the Long Island fruit region, the warm and dry weather assisted grape growth. All varieties were in bud break, Chardonnay ranged from one to five inches. Strawberry plantings were in bloom. However, some low spots in fields were showing minor frost injury.

**VEGETABLE:** Field preparations and planting made good progress under warm and mostly dry conditions. In southeastern areas of the state irrigation was needed on transplanted vegetables. Processing vegetables such as peas, sweet corn, snap beans, and red beets were being planted in Niagara County. In Oneida County, Chinese cabbage was being planted and some of the earliest regular cabbage was in the ground. Onion planting reached 60 percent complete, slightly ahead of the average of 55 percent. Sweet corn was 39 percent planted compared to the average of 30 percent. Snap bean planting was 40 percent finished, well ahead of the 21 percent average. Cabbage planting was 24 percent finished, equal to the average progress for this date.

**LIVESTOCK:** Pastures continue to dry. Many of the herds across the state were moving back onto pasture. Pasture conditions across most of the state were estimated to be in good condition. Pasture conditions were rated 2 percent poor, 20 percent fair, 64 percent good, and 14 percent excellent.

**Weather Data for Week Ending Sunday, May 13, 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	84	36	62	+7	88	170	+66	1.19	+0.42	7.28	+2.92	
Glens Falls	85	27	59	+6	70	113	+37	0.59	-0.21	5.49	+1.05	
Poughkeepsie	88	36	64	+8	97	205	+75	0.20	-0.78	8.36	+3.06	
<b><u>Mohawk Valley</u></b>												
Boonville	80	32	57	+7	53	70	+18	0.05	-0.93	5.21	-1.26	
<b><u>Champlain Valley</u></b>												
Plattsburgh	85	32	60	+7	78	126	+49	0.26	-0.37	4.37	+0.40	
<b><u>St. Lawrence Valley</u></b>												
Canton	81	27	57	+6	66	110	+45	0.27	-0.36	3.65	-0.43	
Massena	84	31	59	+7	71	118	+44	0.31	-0.25	3.55	-0.14	
<b><u>Great Lakes</u></b>												
Buffalo	82	39	60	+6	71	134	+38	0.11	-0.59	3.11	-1.03	
Wales	83	30	57	+5	61	92	+26	0.30	-0.47	3.94	-1.31	
Niagara Falls	82	33	59	+4	66	126	+19	0.05	-0.58	3.19	-1.19	
Rochester	86	35	60	+6	79	160	+48	0.06	-0.50	3.49	-0.21	
Watertown	79	27	56	+4	54	99	+31	0.01	-0.56	1.99	-1.59	
<b><u>Central Lakes</u></b>												
Dansville	88	30	60	+6	75	126	+26	0.00	-0.63	2.96	-1.02	
Geneva	85	33	58	+5	66	114	+22	0.80	+0.17	4.25	+0.14	
Honeoye	84	29	58	+5	69	130	+36	0.08	-0.53	3.92	-0.18	
Ithaca	84	28	58	+6	69	111	+34	0.33	-0.37	3.91	-0.30	
Penn Yan	86	34	60	+7	77	152	+60	0.75	+0.12	4.02	-0.09	
Syracuse	86	35	60	+5	73	141	+31	0.04	-0.66	4.48	-0.21	
Warsaw	82	35	58	+7	61	93	+38	0.37	-0.40	4.67	-0.13	
<b><u>Western Plateau</u></b>												
Angelica	85	27	56	+5	50	74	+20	0.13	-0.47	3.59	-0.31	
Elmira	86	27	58	+5	64	127	+41	0.65	-0.05	2.68	-1.28	
Franklinville	85	26	55	+6	52	77	+36	0.21	-0.56	3.99	-0.72	
Jamestown	86	32	59	+8	65	119	+61	0.15	-0.69	5.17	-0.23	
<b><u>Eastern Plateau</u></b>												
Binghamton	82	36	61	+8	80	144	+63	0.85	+0.10	3.51	-1.00	
Cobleskill	84	31	60	+8	76	109	+39	1.84	+1.07	8.95	+4.23	
Morrisville	81	35	58	+6	62	91	+26	0.33	-0.48	5.51	+0.95	
Norwich	85	30	58	+6	59	85	+12	0.76	+0.08	5.65	+0.75	
Oneonta	85	32	61	+10	79	138	+76	2.14	+1.16	8.17	+2.92	
<b><u>Coastal</u></b>												
Bridgehamton	75	34	57	+4	58	135	+58	0.01	-0.86	6.91	+1.29	
New York	82	48	65	+5	103	308	+107	0.87	-0.01	13.07	+7.62	

<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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