



WEATHER AND CROPS

July 16, 2007

Cooperating with New York Department of Agriculture and Markets
10B Airline Drive, Albany, New York 12235
(518) 457-5570 · (518) 485-8719 FAX · www.nass.usda.gov

Released, July 16, 2007

Week Ending, July 15, 2007

No. 977-12-07

WEATHER: The week started out warm and humid with active weather over upstate New York with a stalled frontal boundary over northern New York and central New England. A series of disturbances generated periods of strong to severe thunderstorms over upstate New York. Some of the thunderstorms produced daily rainfall amounts in excess of two inches. Tuesday was the hottest day of the week, as high pressure built in from the Mid-Atlantic region briefly. A cold front accompanied by more showers and thunderstorms swept through the region Wednesday afternoon with cooler weather to close the week. A broad upper level low over central and eastern Canada ushered a cold front to move through the region on Friday with some scattered showers. Rainfall for the week was at normal to above normal amounts. The heaviest weekly totals occurred from torrential rainfall from thunderstorms. Temperatures for the week were above normal by 3 to 5 degrees.

CROPS: Scattered showers provided some much needed water for crops last week. There were 5.1 days suitable for fieldwork. Soil moisture was rated as 6 percent very short, 27 percent short, 61 percent adequate, and 6 percent surplus. The condition of the winter wheat was 2 percent poor, 13 percent fair, 63 percent good, and 22 percent excellent. Oat condition was 5 percent poor, 21 percent fair, 64 percent good, and 10 percent excellent. Condition of the hay was 5 percent poor, 21 percent fair, 62 percent good, and 12 percent excellent. Dry beans were 98 percent planted compared with 90 percent last year and a five year average of 96 percent. First cutting of alfalfa was 99 percent harvested the same as last year and 2 percent ahead of the five year average of 97 percent. Ninety-eight percent of the clover timothy was harvested compared to last years 74 percent and a five year average of 80 percent. Grass silage was 97 percent harvested compared with 84 percent last year and 91 percent for the five year average. The following comments are from across the state: Early planted corn is getting ready to tassel in Jefferson County and winter wheat has completely turned. Wyoming County had varying amounts of rainfall last week and corn tassels and silks were beginning to emerge. The farmers in Chenango County were worried as to whether or not they would have a second cutting of hay due to the lack of rainfall. Madison County received some rain but is still dry in some areas. The drought conditions continue in Otsego County, but many crops are looking better. In Albany County good weather continues and farmers are having an excellent growing season. Crops look great after needed rain this week in Montgomery County. Crops look good in Dutchess County as heavy rain ended the short heat wave.

FRUIT: Apples were judged to be in 5 percent poor condition, 10 percent fair, 45 percent good, and 40 percent excellent. Grapes were 13 percent poor, 12 percent fair, 25 percent good and 50 percent excellent. Peaches were 13 percent poor, 25 percent fair, 12 percent good, and 50 percent excellent. Pears were 6 percent poor, 25 percent fair, 31 percent good and 38 percent excellent. In the Lake Ontario fruit region, growers continued to observe orchards for apple scab infections. Raspberries were ripening. In Albany County, apples continued to size nicely. In the Long Island fruit region, warm, humid weather began this week. Long Island periodically received scattered thunderstorms, but the hot weather has prevailed. Consequently grape growers were irrigating. Growers were also busy hedging, leaf pulling and cluster thinning. In a few weeks, berries should lose black rot, downy, and powdery mildew susceptibility. A few growers reported cluster damage due to birds. Chardonnay and Pinot Noir were in cluster closing by July 10th. Currently, beetles were more of a concern than usual and may require some treatment.

VEGETABLE: Lack of rain continues to be a problem in some areas, especially in western New York. Farm stands were selling lettuce, cauliflower, zucchini, summer squash, onions and sweet corn. Planting of tomatoes was completed. Lettuce condition was reported to be in fair condition throughout the state. Condition of onions was reported to be mostly good. Approximately 99 percent of sweet corn acreage was planted, compared to last year's average of 94 percent. Sweet corn condition was reported to be good to excellent. Snap beans were 90 percent planted. Dry soils in western New York were hampering planting of snap beans. Cabbage planting across the state was 95 percent complete.

LIVESTOCK: Pasture conditions across much of the state were estimated to be in good condition. Pasture conditions were rated 5 percent very poor, 12 percent poor, 29 percent fair, 51 percent good, and 3 percent excellent. Jefferson County dairy herds have returned to a happy state with the decline in heat and humidity. Pasture is declining due to the heat and lack of rainfall in Albany County.

Weather Data for Week Ending Sunday, July 15, 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	93	55	74	+3	172	1299	+190	2.55	+1.85	15.89	+4.31
Glens Falls	90	44	69	-1	134	1026	+71	0.85	+0.22	11.49	+0.36
Poughkeepsie	95	57	77	+5	188	1393	+232	0.72	-0.19	16.33	+2.76
<u>Mohawk Valley</u>											
Boonville	85	48	66	0	114	818	+90	1.81	+0.91	13.17	-2.43
<u>Champlain Valley</u>											
Plattsburgh	85	53	68	-4	126	951	-25	3.37	+2.74	14.66	+4.53
<u>St. Lawrence Valley</u>											
Canton	87	54	69	+2	136	982	+132	3.01	+2.29	12.52	+1.84
Massena	84	50	68	-2	129	1023	+114	2.37	+1.67	11.24	+1.41
<u>Great Lakes</u>											
Buffalo	90	53	72	+2	159	1263	+216	0.23	-0.41	6.77	-4.24
Wales	87	47	69	+2	133	926	+94	0.90	+0.10	9.35	-3.95
Niagara Falls	92	50	72	+2	153	1214	+153	0.62	0.00	6.77	-4.09
Rochester	96	52	74	+5	171	1322	+295	0.59	+0.02	6.86	-2.76
Watertown	92	50	71	+3	148	988	+139	1.12	+0.72	6.38	-2.42
<u>Central Lakes</u>											
Dansville	94	49	71	+1	147	1111	+88	0.42	-0.28	7.29	-3.82
Geneva	95	54	74	+4	165	1152	+150	0.47	-0.20	8.00	-3.09
Honeoye	92	48	70	-2	141	1066	+26	0.72	+0.09	10.63	-0.29
Ithaca	92	48	71	+3	147	1030	+124	0.39	-0.38	9.01	-2.68
Penn Yan	94	54	74	+4	168	1275	+273	0.41	-0.26	8.27	-2.82
Syracuse	94	56	74	+4	166	1231	+193	1.59	+0.72	10.56	-1.75
Warsaw	91	46	68	+3	131	932	+161	1.58	+0.81	12.69	-0.18
<u>Western Plateau</u>											
Angelica	88	42	64	-3	99	799	+47	0.66	-0.17	9.55	-2.75
Elmira	93	50	71	+2	149	1103	+137	0.91	+0.14	8.29	-3.08
Franklinville	91	43	68	+3	124	845	+162	0.75	-0.08	9.18	-3.72
Jamestown	90	46	68	+2	125	959	+178	1.22	+0.31	11.65	-2.66
<u>Eastern Plateau</u>											
Binghamton	90	51	71	+2	149	1141	+208	0.18	-0.60	10.21	-1.62
Cobleskill	90	47	70	+3	140	997	+132	0.82	+0.03	15.96	+3.07
Morrisville	90	50	68	+2	129	932	+118	0.96	+0.14	11.16	-1.51
Norwich	91	50	69	+2	138	960	+97	0.83	+0.05	12.20	-0.74
Oneonta	98	52	75	+9	173	1178	+382	0.86	-0.05	15.27	+1.33
<u>Coastal</u>											
Bridgehamton	85	57	74	+3	166	1180	+175	0.01	-0.67	14.57	+1.70
New York	96	69	82	+6	224	1819	+347	0.87	-0.04	20.54	+7.41

^{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.

VISIT OUR WEBSITE AT www.nass.usda.gov/ny AND CLICK ON "SUBSCRIBE TO NY REPORTS" FOR INSTRUCTIONS ON SUBSCRIBING ELECTRONICALLY. YOU MAY ALSO VISIT OUR WEBSITE TO ACCESS ALL OUR REPORTS WHICH ARE AVAILABLE FOR FREE ONLINE.