



WEATHER AND CROPS

June 1, 2010

Cooperating with New York Department of Agriculture and Markets
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Week Ending, May 30, 2010

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WEATHER: The period started out dry with high pressure anchored just off the New England coast Sunday the 23rd into Monday the 24th with temperatures running above normal throughout the state. The high pressure system then moved westward and covered much of New York State by Tuesday the 25th resulting in continued dry conditions and increasingly warm temperatures. An unseasonably warm air mass settled in for the middle of the week with temperatures around 15 to 20 degrees above average on Tuesday. Wednesday the 26th was the warmest day of the week for most of the region with record or near high temperatures across the eastern half of the state. High temperatures reached into the 80's and 90's, which is more typical of mid summer than late spring. A back door cold front moving southwestward from northern New England pushed through much of eastern New York Wednesday night into Thursday the 27th accompanied by scattered thunderstorms Wednesday night. Some areas received over one quarter inch of rain, however, many areas remained dry. This frontal passage signified the end of the well above normal temperatures. The cold front continued to push southward through the state on Thursday the 27th, resulting in additional scattered thunderstorms for southeast New York. High pressure built back in for Friday the 28th and Saturday the 29th with dry conditions returning and temperatures remaining above normal.

CROPS: A great week for fieldwork allowed planting to advance, and haying activities to continue at a rapid pace. There were 6.8 days suitable for fieldwork. Soil moisture was rated 1 percent very short, 43 percent short, 55 percent adequate, and 1 percent surplus. Condition of winter wheat was rated as 1 percent poor, 10 percent fair, 64 percent good, and 25 percent excellent. Oat condition was 15 percent fair, 71 percent good, and 14 percent excellent. Corn planting was 90 percent completed, ahead of both last year's 88 percent, and the five year average of 87 percent. All of the oats were planted, ahead of both last year's 99 percent, and the five year average of 98 percent. Potatoes were 83 percent planted, behind last year's 88 percent, but ahead of the five year average of 77 percent. Fifty-six percent of the soybeans were planted, behind both the previous year's 60 percent, and the five year average of 61 percent. The following are comments from throughout the state: Jefferson County planting is complete for all intents and purposes, but spring planted crops need rain. Dry weather conditions in Lewis County allowed field work to continue at a rapid pace, but a large emphasis was placed on 1st cutting forage harvesting. It was a great week for planting corn in St Lawrence County, followed up by some much needed rain on Monday. Lots of hay was mowed and baled with yields ranging from very good to so-so. Essex County started cutting hay this week, and the weather there has been great compared to the past two years. Producers were finishing planting corn, and doing 1st cut hay in Franklin County. Hay harvest was far ahead of normal in Genesee County. Lots of planting went on in Ontario County, and the dry weather allowed the harvesting of rye straw and hay, but some rain was needed because the fields were getting dry. With temperatures averaging 10 degrees above normal, Cayuga County saw a lot of corn and soybeans planted. Some farmers pulled back on planting to concentrate on hay harvest with the yields being variable throughout the county. Another dry week in Cortland County had planting finishing up and haylage harvest in full swing. Soils were dry, and some rain was needed to make corn jump and to help with hay re-growth. Otsego County had a great week for crop work. Corn and soybean planting was winding down in Fulton and Montgomery Counties. Haylage harvest was winding down in Saratoga County with yields ranging from average to below average, even as the dry harvest was getting started. A violent storm in the Eastern part of Washington County passed through on Wednesday, but no crop damage was reported yet. First cutting haylage harvest continued in Cattaraugus County, as well as dry hay harvest. Broome County producers have 1st cut dry hay harvest completed on fields that are normally not done until the end of June, and the corn growth was slow due to a lack of rain. Hay was harvested in Dutchess County and the corn was starting to grow. Crop and growing conditions were good overall in Suffolk County.

FRUIT: Apples were at 100 percent petal fall, compared to 98 percent last year. Peaches were at 99 percent petal fall, compared to 90 percent last year. Pears were at 99 percent petal fall, compared to 100 percent last year. Sweet cherries were at 98 percent petal fall, compared to 100 percent last year. In the Lake Ontario fruit region, blueberries were in bloom, with some fruit set. Eastern Washington County experienced violent winds on Wednesday night, along with some hail. No damage has been reported yet. In Rensselaer County, the earlier freeze caused some strawberries to be lost. Up to 90 percent of apples were reported lost due to freeze. On Long Island, shoot growth was rapid in vineyards. Vines were looking healthy as bloom approached. Strawberries were also in season, and quality was good.

VEGETABLE: Vegetable crops are generally in good shape with a lot of planting going on. Some wind whipping damage showed up in Ontario County on newly emerged spinach, beets, carrots and onions. The processing pea crop in western New York looked great with the earliest peas in full bloom. Harvest will begin in about 3 weeks. Processing sweet corn planted in early May emerged and looked great. Warm temperatures in Broome County brought on many early vegetables with early harvest of lettuce and greens ready for market. Sweet corn was at 52 percent planted, up from 44 percent previous week. Onions were at 99 percent planted, up from 92 percent previous week. Snap beans were at 17 percent planted, up from 16 percent last week. Cabbage was at 55 percent planted, up from 48 percent last week.

LIVESTOCK: Pasture conditions were considered to be in good condition in most areas. Pastures were dry in some counties. Pasture conditions were rated 6 percent poor, 25 percent fair, 58 percent good, and 11 percent excellent.

Weather Data for Week Ending Sunday, May 30, 2010

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	94	54	71	+11	153	486	+216	0.12	-0.70	3.14	-3.14	
Glens Falls	92	44	68	+9	127	383	+171	0.04	-0.79	3.65	-2.82	
Poughkeepsie	95	53	69	+8	135	516	+206	0.00	-0.98	3.51	-4.17	
<u>Mohawk Valley</u>												
Boonville	89	50	67	+12	122	318	+170	0.00	-1.02	4.75	-4.14	
<u>Champlain Valley</u>												
Plattsburgh	94	46	69	+10	131	358	+144	0.24	-0.46	3.57	-2.00	
<u>St. Lawrence Valley</u>												
Canton	90	49	68	+11	129	369	+187	0.12	-0.58	3.58	-2.15	
Massena	96	50	71	+13	148	402	+198	0.01	-0.59	2.58	-2.51	
<u>Great Lakes</u>												
Buffalo	85	57	72	+12	153	459	+210	0.00	-0.76	4.91	-0.99	
Wales	82	53	68	+11	127	362	+178	0.00	-0.86	5.30	-1.95	
Niagara Falls	87	56	71	+11	149	465	+199	0.03	-0.67	4.85	-1.15	
Rochester	88	53	70	+10	143	498	+228	0.00	-0.63	4.05	-1.18	
Watertown	85	50	68	+11	128	389	+203	0.07	-0.56	2.98	-2.13	
<u>Central Lakes</u>												
Dansville	90	50	70	+11	144	482	+230	0.00	-0.72	3.67	-1.94	
Geneva	88	52	71	+12	145	459	+220	0.00	-0.74	4.40	-1.40	
Honeoye	89	49	69	+10	136	465	+220	0.00	-0.70	4.67	-1.03	
Ithaca	87	50	68	+10	130	421	+213	0.02	-0.78	4.67	-1.43	
Penn Yan	89	56	71	+12	145	498	+259	0.00	-0.74	4.19	-1.61	
Syracuse	90	57	71	+12	149	507	+235	0.00	-0.77	3.72	-2.78	
Warsaw	82	53	68	+12	128	357	+193	0.00	-0.86	6.04	-0.73	
<u>Western Plateau</u>												
Angelica	86	51	68	+12	131	382	+220	0.04	-0.76	5.59	-0.05	
Elmira	89	49	69	+10	131	448	+221	0.01	-0.77	4.94	-0.83	
Franklinville	85	45	66	+12	116	302	+171	0.00	-0.86	5.95	-0.74	
Jamestown	85	51	69	+13	133	369	+205	0.00	-0.95	6.58	-1.04	
<u>Eastern Plateau</u>												
Binghamton	87	56	70	+11	139	483	+265	0.00	-0.77	4.75	-1.63	
Cobleskill	90	46	68	+9	124	364	+170	0.03	-0.86	3.96	-2.85	
Morrisville	88	52	69	+12	134	379	+196	0.00	-0.91	5.49	-1.18	
Norwich	92	50	69	+11	132	363	+164	0.00	-0.89	5.01	-1.98	
Oneonta	90	53	68	+12	129	376	+202	0.00	-0.99	5.41	-2.23	
<u>Coastal</u>												
Bridgehamton	89	50	66	+7	112	418	+201	0.07	-0.77	5.24	-2.42	
New York	94	58	70	+6	143	731	+295	0.02	-0.82	5.44	-2.05	

^{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.

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