



# WEATHER AND CROPS

## July 1, 2013

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Week Ending, June 30, 2013

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**WEATHER:** The week got off to a warm start with zonal flow and temperatures for the first half of the week in the 90s, with muggy conditions. Entering the second half of the week, a Meridional pattern set up with high pressure building in the Intermountain West and a Bermuda high in place. A moist southerly flow in between the two ridge patterns along a stationary front impacted the region during the second half of the week, especially in Upstate New York, where heavy rainfall and reports of flash flooding occurred. Temperatures were near normal through the second half of the week.

**CROPS:** There were 3.0 days suitable for fieldwork. Soil moisture was rated 30 percent adequate and 70 percent surplus. Condition of oats was 1 percent poor, 19 percent fair, 67 percent good, and 13 percent excellent. Winter wheat was rated 2 percent poor, 24 percent fair, 60 percent good, and 14 percent excellent. Hay crops were 6 percent poor, 31 percent fair, 50 percent good, and 13 percent excellent. The first clover timothy cutting was 75 percent complete compared to 88 percent in 2012. The second clover timothy cutting was 17 percent complete compared to 31 percent in 2012. The first alfalfa cutting was 89 percent complete compared to 95 percent in 2012. The second alfalfa cutting was 13 percent complete compared to 36 percent in 2012. The first cutting of grass silage was 92 percent complete compared to 93 percent last year. Corn was 97 percent planted compared to 100 percent in 2012 and behind the 99 percent five year average. Potatoes were 100 percent planted compared to 99 percent in 2012 and was above the five year average of 99 percent. Soybeans were 90 percent planted compared to 99 percent in 2012 and behind the five year average of 97 percent. The following comments are from our reporters throughout the state: In Jefferson County, additional rain made it difficult to harvest haylage and several fields were rutted from harvest equipment. Some farmers still had intentions of planting corn for silage. Wet weather continued to stress row crops and made hay harvest difficult in Lewis County. Wet conditions in St. Lawrence County have made it difficult to harvest hay crops, for silage and dry hay. Heavy rains and wind in Livingston County put many acres of wheat down. In Niagara County, heavy rains caused a loss of nitrogen and poor growth in wet areas. Crop quality declined, and dry hay harvest was further delayed, although much was cut on dry days. Many soybean acres were not planted and will not be planted this year in the area. Wheat quality suffered due to prolonged wet periods. Ontario County continued to receive rain showers throughout the week, which resulted in downed wheat, the inability to make dry hay, and challenges in spraying corn and soybeans. Several inches of rain fell in Cayuga County, creating excess moisture. In Cortland County, soggy ground put dry hay production to a halt, although planting slowly continued between showers. Some reports of replanting came in due to cold and wet conditions resulting in poor germination or washouts during rain events. Arrival of heat had corn finally growing; some plantings were on track while others were just planted. Many fields in Herkimer County experienced flooding on June 28<sup>th</sup>. In Madison County, flood conditions had low, poorly drained areas under water. Producers were unable to plant planned corn and soybeans and failed acreage was reported. There was mounting evidence of field damage from heavy cropping equipment, deep tracks left by heavy-duty spray rigs, and late planted corn being overgrown with weeds, since herbicides could not be applied in a timely manner. In Onondaga County, continued wet weather reduced hay quality and prevented final corn acres from being planted. Corn stands were damaged from continued saturated soils. In Montgomery and Fulton Counties, no normal farming operations occurred due to wet weather. Weather hindered progress for producers in Rensselaer County. In Washington, Warren, and Saratoga Counties, over 8 inches of rain was received in June. Farmers struggled to bale hay, and many corn fields had standing water, yellow corn, poor germination, and poor looking corn. A few farms that chopped first cutting in early to mid May started second cutting. Heavy rain and wind hit Delaware County on Thursday night causing flooding and evacuations in some areas. In most areas the ground was already too wet, and the farmers decided whether or not they would try to get on some of their fields. More sorghum will be planted than normal due to the delayed plantings in the area. There was plenty of hay in the fields, but the quality was lacking as farmers tried to get the first cutting off. In Dutchess County, farmers were busy trying to put up first cut hay in between rain showers.

**FRUIT:** Apple conditions for the week were 5 percent poor, 45 percent fair, 48 percent good, and 2 percent excellent. Peaches were 2 percent poor, 21 percent fair, 76 percent good, and 1 percent excellent. Pears were 8 percent poor, 20 percent fair, 71 percent good, and 1 percent excellent. Sweet cherries were 19 percent harvested and were 9 percent poor, 30 percent fair, 53 percent good, and 8 percent excellent. Tart cherries were 14 percent harvested and were 18 percent poor, 48 percent fair, and 34 percent good. Grapes were 2 percent fair, 70 percent good, and 28 percent excellent. Strawberries were 12 percent poor, 30 percent fair, and 58 percent good. The following comments are from our reporters throughout the state: In Dutchess County, sweet cherry harvest was in full swing, with many farmers reporting a heavy crop, though some cherries split due to moisture. Long Island vineyards in Suffolk County progressed into fruit set. Due to warm weather, shoot growth was rapid and vines were filling the trellis. In Onondaga County, apples were sizing well due to moisture, however frost ring was reported in one orchard. Strawberry season continued, but wet weather hampered U-Pick operations.

**VEGETABLE:** Sweet corn was 87 percent planted, compared to 96 percent in 2012, and was under the 97 percent five year average. Sweet corn was 9 percent poor, 34 percent fair, 49 percent good, and 3 percent excellent. Onions were 15 percent fair and 85 percent good. Snap beans were 60 percent planted, compared to 84 percent in 2012, and well behind the 89 percent five year average. Cabbage was 92 percent planted, compared to 98 percent in 2012, and below the 94 percent five year average. The following comments are from our reporters throughout the state: Producers were not able to plant vegetables in Ontario County due to wet weather conditions. In Dutchess County, corn on some fields approached knee high length due to hot, humid days and nights.

**LIVESTOCK:** Pasture was rated 3 percent poor, 21 percent fair, 60 percent good, and 16 percent excellent. The following comments are from our reporters throughout the state: In Delaware County, continuous rain made pastures, hayfields, and cornfields soggy.

# Weather Data for Week Ending Sunday, June 30, 2013

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
Albany County AP	92	64	77	+8	188	945	+159	2.71	+1.89	17.40	+7.38
Watertown Intl	84	56	72	+7	154	804	+225	0.82	+0.28	11.35	+3.46
Boonville	83	55	68	+5	131	530	+35	2.78	+1.76	18.37	+4.74
Bridgehampton	88	64	74	+7	173	773	+80	0.20	-0.58	12.15	+0.77
Binghamton/Broome	88	58	71	+5	149	784	+130	2.21	+1.37	12.04	+1.95
Buffalo Intl AP	85	61	72	+4	158	972	+234	1.27	+0.48	14.73	+5.17
Canton	85	56	71	+5	146	726	+140	2.09	+1.32	13.85	+4.74
Cobleskill	88	58	73	+8	159	683	+81	2.48	+1.52	16.40	+5.28
Dansville AP	92	62	74	+7	169	1040	+312	0.48	-0.39	7.87	-1.66
Elmira	94	61	74	+8	171	897	+219	2.18	+1.32	8.65	-1.00
Franklinville	86	57	69	+7	136	644	+181	0.75	-0.21	12.64	+1.58
Geneva Research	90	60	73	+5	160	854	+148	1.04	+0.22	12.81	+3.23
Glens Falls AP	91	60	74	+7	168	815	+152	1.51	+0.81	12.50	+2.74
Honeoye	88	59	72	+4	155	843	+111	2.58	+1.77	12.44	+2.96
Hornell Almond	90	57	71	+6	145	676	+94	0.79	-0.06	10.54	+1.18
Jamestown 4NE	88	59	71	+7	149	806	+268	1.60	+0.56	13.07	+0.76
Niagara Falls	87	60	72	+4	157	894	+140	3.01	+2.27	13.93	+4.44
Ithaca Cornell	90	59	72	+6	155	770	+135	2.20	+1.34	9.46	-0.53
New York LGA	96	72	82	+9	225	1294	+208	0.15	-0.69	14.44	+3.26
Morrisville	88	59	72	+8	154	731	+166	2.87	+1.96	17.87	+7.00
Massena	87	57	71	+5	149	757	+126	2.48	+1.73	13.76	+5.44
Norwich	90	59	72	+7	156	691	+90	4.12	+3.21	17.09	+5.90
Oneonta	90	58	71	+7	149	674	+125	3.05	+2.07	15.26	+3.27
Penn Yan	90	61	74	+6	167	942	+236	1.51	+0.69	9.12	-0.46
Plattsburgh Intl	93	56	71	+3	145	719	+38	3.35	+2.65	14.77	+6.02
Poughkeepsie AP	94	65	78	+9	198	996	+158	2.18	+1.30	14.33	+2.70
Rochester NY	90	60	74	+7	168	1002	+269	1.32	+0.62	12.83	+4.50
Syracuse	91	63	75	+8	176	966	+224	1.93	+1.02	14.22	+3.82
Wales	83	58	70	+6	144	779	+202	0.47	-0.47	14.14	+2.63
Warsaw	84	55	69	+5	137	699	+168	1.57	+0.62	14.99	+3.86

<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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