



NJ-CW3912

New Jersey Weather and Crop Bulletin

October 1, 2012

The Cranberry Harvest is Underway

For the week ending Sunday, September 30, 2012, there were 6 days suitable for field work. Topsoil moisture was rated at 10% short, 85% adequate, and 5% surplus. Subsoil moisture was rated at 10% short, and 90% adequate. Pasture and range condition was rated at 5% poor, 10% fair, and 85% good. Temperatures reached highs in the low 80s and lows in the upper 30s across the Garden State.

Field corn was harvested for grain and chopped for silage. Farmers have begun clean-up for the summer crop season and were planting fall cover crops. Fall vegetables were being harvested. The cranberry harvest is underway. Milk production and livestock condition were average. Other activities included hay work and tilling fields.

Climate summary for the week ending 8am 10/1/12

Temperatures averaged 60 degrees north, 64 degrees central, and 65 degrees south. Extremes were 83 degrees at Seabrook on September 27, 2012 and 39 degrees at Flemington on September 25, 2012.

Weekly rainfall averaged 0.70 inches north, 0.35 inches central, and 0.25 inches south. The heaviest 24 hour total reported was 0.98 inches at Charlotteburg on September 28, 2012 to September 29, 2012.

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued By Rutgers University- New Brunswick, NJ 8 am EDT Monday, October 1, 2012

Rainfall amounts none today and tonight, one to two tenths of an inch Tuesday. Winds for spraying west/southwest 5 to 10 mph through tonight, northeast 5 to 10 mph Tuesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 80 to 90 Tuesday. Dew points mid 40s today, low 50s tonight, near 60 Tuesday, drying conditions good today, poor Tuesday. Dew tonight, wetting in showers Tuesday. Percent of possible sunshine 80 today, less than 10 Tuesday.

There is less than a 10 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain-free period after application.

Hay cutting will see good drying today but poor on Tuesday. Temperatures in the cranberry bogs will remain above freezing tonight and Tuesday night. The latest 8 to 14 day outlook for the period October 8, 2012 to October 14, 2012 is calling for temperatures to average below normal and precipitation to average near normal.

Weather Summary for the Week Ending Monday, October 1, 2012 ¹

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.	Total	Dept.	
		Total	Dept.							
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Base 50°F</i>	<i>Base 50°F</i>	<i>Percent</i>
North										
Belvidere Bridge.....	0.79	30.43		73	40	58				
Canoe Brook	0.46	24.44		77	46	63				
Charlotteburg	1.03	22.99		74	40	59				
Flemington	0.61	27.72		76	39	60				
Newton	0.59	31.54		75	41	59				
Central										
Freehold	0.52	25.78		80	44	64				
Long Branch	0.19	33.16		77	46	64				
New Brunswick.....	0.40	24.79		80	42	64				
Toms River.....	0.32	26.80		82	41	64				
Trenton	0.32	23.15		78	43	63				
South										
Cape May C.H.....	0.22	23.26		79	48	64				
Downstown.....	0.17	20.62		82	42	64				
Hammonton.....	0.32	28.42		82	44	64				
Pomona	0.15	27.40		81	42	64				
Seabrook.....	0.36	26.19		83	50	66				
South Harrison	0.27	18.14		80	48	65				

¹ Due to a computer program corruption, only the abbreviated data was available.