



NJ-CW2413

New Jersey Weather and Crop Bulletin

June 24, 2013

Blueberry Harvesting has begun

Days suitable for field work 5.5. Topsoil moisture was 5% short, 70% adequate, and 25% surplus. Subsoil moisture was 80% adequate and 20% surplus. Pasture and range condition was 25% fair, 30% good, and 45% excellent. Highs reached the upper 80s and lows were in the upper 40s across the Garden State.

Farmers continued planting corn and soybeans and started to harvest wheat and barley. Saturated fields have made hay work difficult. Heavy spring rains in early June have caused increased disease pressure in many crops. Phytophthora crown rot in cucurbits and peppers, bacterial diseases in tomatoes, pumpkins are showing downy mildew, and various root rots have been a major problem in crop production this spring. Damaged to spinach, greens, and herbs have been reported. Many fruits and vegetables were in bloom.

Blueberry harvesting has begun with some cracking reported due to recent heavy rains. Grapes were sprayed with post-bloom fungicides. Strawberry yields were poor. Other activities included harvesting, fertilizing, and hay work. Livestock condition was good and milk production average.

Climate summary for the week ending 8am 6/24/13

Temperatures averaged 70 degrees north, 71 degrees central, and 69 degrees south. Extremes were 88 degrees at several locations on June 24, 2013, and 49 degrees at Charlotteburg and Cape May Courthouse on June 21, 2013.

Weekly rainfall averaged 0.41 inches north, 0.99 inches central, and 1.54 inches south. The heaviest 24 hour total reported was 2.57 inches at Toms River on June 18, 2013 to June 19, 2013.

**Agricultural Weather Advisory For New Jersey and Southeastern Pennsylvania
Issued By Rutgers University - New Brunswick, NJ
8 am EDT Monday, June 13, 2013**

Rainfall amounts tenth of an inch with locally higher amounts possible today, less than a tenth tonight, quarter of an inch with locally higher amounts Tuesday. Winds for spraying southwest 5 to 10 mph today and Tuesday, light southwest tonight. Relative humidity in percent 50 to 60 today, 90 to 100 tonight, 50 to 60 Tuesday. Dew points upper 60s to low 70s through Tuesday.

Drying conditions fair today and Tuesday with localized poor areas. Moderate dew tonight and Tuesday night. Percent of sunshine 60 today, 60 Tuesday.

There is a 30 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. Temperatures in the representative cranberry bogs will remain well above freezing for the next several days.

Hay cutting will see only fair drying for much of the week with high humidity and scattered showers.

Soil moisture will continue to decrease through the week.

The latest 8 to 14 day outlook for the period July 1, 2013 to July 8, 2013 is calling for temperatures to average near normal and precipitation to average above normal.

Weather Summary for the week ending Monday, June 24, 2013

Weather Stations	Rainfall		Temperatures Last Week		
	Last Week	Since March 1	Max.	Min.	Avg.
		Total			
	<i>Inches</i>	<i>Inches</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>
North					
Belvidere Bridge.....	0.89	16.07	84	50	68
Canoe Brook.....	N/A	N/A	N/A	N/A	N/A
Charlotteburg	0.14	14.78	88	49	69
Flemington	0.58	21.62	88	53	71
Newton.....	0.01	*7.29	86	50	70
Central					
Freehold.....	0.45	14.88	88	52	72
Long Branch.....	N/A	N/A	N/A	N/A	N/A
New Brunswick	0.28	18.37	88	53	71
Toms River.....	2.70	14.55	87	53	69
Trenton.....	0.55	15.46	87	55	71
South					
Cape May C.H.	0.90	16.36	81	49	65
Downstown	2.19	15.46	86	52	70
Hammonton	N/A	N/A	N/A	N/A	N/A
Pomona.....	1.38	17.27	86	51	68
Seabrook.....	1.76	19.55	85	51	71
South Harrison.....	1.47	14.59	86	56	71

N/A Data is not available.

*Some missing data.

JERSEY FRESH AVAILABILITY FOR JUNE 24, 2013

ARRUGULA	Harvesting a fair volume of good quality product.
BABY SPINACH & ARUGULA	Harvesting good quality in fair to good volume.
BASIL	Likes warmer weather. Starting to harvest in fair to good volume.
BEETS	Harvesting very good quality product in good volume.
BLUEBERRIES	Already harvesting excellent quality widely planted Duke variety in good volume. The next three weeks will provide our largest volume of the season.
CABBAGE	Harvesting good quality product in good volume.
CILANTRO	Harvesting a fair volume of good quality Spring planted product.
COLLARDS	Harvesting good quality in fair to good volume.
CUCUMBERS	Very good quality Pickles and Cukes harvesting in fair to good volume.
DANDELIONS	Good quality San Pasquale variety available in fair to good volume.
DILL	Harvesting in light volume.
ESCAROLE & ENDIVE	Harvesting good quality products in light to decreasing volume with the increasing seasonal warmth. Spring season finishing up.
KALE	Good quality product harvesting in good volume.
LEEKs	A fair to good volume of very good quality product is harvesting.
LETTUCE	Seasonable warmth is finishing up the Spring season for the temperature sensitive Boston, & Red & Green Leaf lettuces. "Mucklands" of NW Jersey harvesting for a few more weeks. Harvesting the heartier Romaine in good quality and light to decreasing volume for another week or two.
MINT	Good quality harvesting in fair volume.
PARSLEY	Harvesting a light to fair volume of good quality curly and plain product.
RADISHES	Harvesting good quality product in fair volume.
SPINACH	Harvesting a light to fair volume of good quality product.
SQUASH	Harvesting good quality zucchini in good volume. Yellow squash harvesting in fair to increasing volume.
SWEET CORN	Very light volume of very good quality tunnel started corn in very light volume. Field grown starting next week with light retail volume available for the 4th. It will be 2 ½-3 weeks before good volume is available.
SWISS CHARD	Harvesting a fair volume of good quality product.
TOMATOES	Tunnel started product beginning in very light volume and high prices. Field grown starting next week with very light volume expected for the 4 th . It will be 3 weeks before good volume is available.
TURNIPS	Harvesting good quality product in fair volume.

JERSEY FRESH FORECAST

EGGPLANT & PEPPERS	Harvest will begin in two weeks with tunnel started products in very light supply, & eggplant a few days ahead of peppers. Volume increasing quickly thereafter, especially with warmer temperatures.
PEACHES	The Winter & Spring weather was very favorable for setting a peach crop. The season will start in two weeks with early Sentry varieties, w/ volume and freestone varieties starting mid-July. White peaches start a week later with volume by the end of the month.
NECTARINES	Harvest will start about the 22 nd of July, with volume by the end of July or early August.