



**Severe Storms Cause Some Crop Damage;
Grape and Field Corn Harvesting Have Begun**

Statewide, six days were suitable for field work, down one day from the previous week. Topsoil moisture was 4% very short, 18% short, 77% adequate, and 1% surplus. Subsoil moisture was 9% short, 84% adequate, and 7% surplus. Pasture and range condition was 1% very poor, 2% poor, 5% fair, 69% good, and 23% excellent.

Average temperatures were much the same as the previous week, with an overall 0.67 degree increase in average temperatures statewide. However, the high temperatures were 10 degrees above the previous week's high temperatures on average and ranged from 89 degrees in Belvidere and Long Branch to 97 degrees in Freehold. Low temperatures ranged from 41 degrees in Belvidere, Flemington, Freehold, and Seabrook to 61 degrees in Newton. Rainfall ranged from 0.02 inches in Newton and South Harrison to 1.01 inches in Flemington. Severe storms on Thursday in Warren County flattened field corn and soybeans in isolated areas and also hit late sweet corn hard.

Some Burlington County producers have reportedly started harvesting field corn. Grape harvesting has begun. Cranberries, dry onions, and broccoli are in good condition. Eggplant is in mostly good condition. Cucumbers, peppers, and pumpkins are in mostly fair to good condition. Fresh market tomatoes are in mostly fair condition.

**Climate Summary for the Week Ending 9/16/13
at 8 AM (Issued by Rutgers University)**

Temperatures averaged 66 degrees north, 69 degrees central, and 70 degrees south. Extremes were 97 degrees at Freehold on the 12th and 41 degrees at several locations on the 15th. Weekly rainfall averaged 0.62 inches north, 0.46 inches central, and 0.13 inches south. The heaviest 24-hour total reported was 0.93 inches at Flemington on the 12th to 13th.

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University - New Brunswick, NJ
8 AM EDT Tuesday, September 17, 2013**

General: The latest 8 to 14 day outlook for the period September 24th to September 30th is calling for temperatures to average above normal and precipitation to average below normal.

Rain: None through Wednesday. There is a near zero 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.

Relative Humidity in Percent: 35 to 45 today, 90 to 100 tonight, 35 to 45 Wednesday.

Dew Points: Mid 30s today, upper 30s tonight, low 40s Wednesday.

Frost, Freeze, or Dew: Heavy dew tonight with some isolated frost in the more extreme locations possible. Heavy dew Wednesday night.

Percent of Sunshine: 90 today, 90 Wednesday.

Drying Conditions: Good today, good Wednesday.

Winds for Spraying: Northeast 5 to 10 mph today, variable 5 mph tonight, southwest 5 to 10 mph Wednesday.

Conditions for Cranberry Scald: Should be unfavorable today and Wednesday. Temperatures in bogs could drop to 28 to 36 tonight and 29 to 33 Wednesday night.

Hay Cutting: Good drying for this point of the season for the remainder of the week, with the next threat of showers on Saturday.

Weather Summary for the Week Ending Monday, September 16, 2013 at 8 AM

Weather Stations	Rainfall		Temperatures		
	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	0.90	28.20	89	41	65
Canoe Brook	0.76	26.53	94	44	68
Charlotteburg	0.42	24.27	93	42	66
Flemington	1.01	40.76	93	41	67
Newton	0.02	13.49*	93	61	66
Central					
Freehold	0.66	24.81	97	41	68
Long Branch	0.59	35.52	89	47	70
New Brunswick	0.41	29.97	94	44	70
Toms River	0.29	21.68*	93	43	70
Trenton	0.34	28.25	93	45	69
South					
Cape May C.H.	0.08	22.08	91	44	70
Downtown	0.07	25.90*	93	42	69
Hammonton	0.30	27.41	93	43	69
Pomona	0.17	24.62	92	42	69
Seabrook	0.13	32.07	91	41	68
South Harrison	0.02	31.18	92	51	72

* Some data are missing.

JERSEY FRESH AVAILABILITY FOR SEPTEMBER 16, 2013

APPLES	Harvesting Gala, McIntosh, Courtland, Honeycrisp, Early Fuji, & Ginger Gold. Cool nights helping in the development of color in many varieties.
ARRUGULA	Harvesting a light to fair volume of good quality product.
BABY SPINACH & ARUGULA	Harvesting very good quality in fair volume.
BASIL	Likes warmer weather. Harvesting in good quality and fair volume.
BEETS	Harvesting good quality product in fair volume.
CABBAGE	Harvesting good quality product in light to increasing volume.
CILANTRO	Harvesting fair volume of good quality product with cooler weather returning.
COLLARDS/KALE	Harvesting good quality and light to increasing volume with cooler weather.
CUCUMBERS	Good quality Pickles and Cukes harvesting in fair to good volume as supply ramps up through the end of the month w/ a flush of Fall product.
DANDELIONS	Good quality San Pasquale variety available in fair volume.
DILL	Harvesting good quality in light to fair volume.
EGGPLANT	Harvesting good quality in fair to good volume.
ESCAROLE & ENDIVE	Harvesting good quality products in fair to good volume with cooler Fall weather returning.
LEEKS	Harvesting a fair volume of good quality product.
LETTUCES	Just starting to harvest a very light to quickly increasing supply of very good quality Boston, Green & Red Leaf. Starting Romaine next week.
MINT	Good quality product harvesting in fair to good volume.
NECTARINES	Finishing up excellent quality yellow Fantasia variety nectarines. Farmstands will have for another few weeks.
PARSLEY	Harvesting a light to fair volume of good quality curly and plain product.
PEACHES	Excellent quality Encore & Lauro variety yellow peaches & Snow Giant white peaches harvesting in very light to finishing commercial volume this week. Sizing still excellent. Farmstands will have for another couple of weeks.
PEPPERS	Harvesting good to very good quality in light to fair and decreasing volume.
RADISHES	Harvesting good quality in light to increasing volume with cooler weather.
SPINACH	Harvesting in very light to increasing volume and good quality.
SQUASH	Harvesting a fair volume of zucchini & butternut & light volume of yellow, all in good quality.
SWEET CORN	Harvesting a light to decreasing volume of fair to good quality corn. Expect increased quality variation due to the annual cycle of Fall insect pressure.

SWEET POTATOES	Harvesting good quality, but w/ curing, volume just starting to become available.
SWISS CHARD	Harvesting good quality in light to increasing volume as supply ramps up a bit with cooler weather returning.
TOMATOES	Harvesting a fair to decreasing volume & good quality with a flush of Fall product through the end of the month.
TURNIPS	Harvesting good quality in light to increasing volume with cooler weather.
WHITE POTATOES	Harvesting mainly round white varieties, with some Yukon Gold, Redskin varieties, and a bit of Russets as well. Source your N.J. white potatoes in their distinctive "Jersey Fresh" bags.