



**Agricultural Weather Advisory For New Jersey
And Southeastern Pennsylvania
Issued by Rutgers University
New Brunswick, NJ
8 am EDT Monday, August 10, 2009**

Rainfall amounts tenth of an inch with locally heavy amounts possible each period today, tonight and Tuesday. Winds for spraying west/southwest 5 to 10 mph through Tuesday.

Relative humidity in percent 50 to 60 today, near 100 tonight, 50 to 60 Tuesday. Dew points near 70 through Tuesday. Drying conditions fair today and Tuesday. Some dew, as well as wetting in a showers tonight and Tuesday night. Percent of possible sunshine 80 today, 50 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.

Conditions will be unfavorable for cranberry scald today and Tuesday.

Hay cutting runs a slight risk of wetting today and Tuesday along with fairly high humidity levels.

The latest 8 to 14 day outlook for the period August 17, 2009 to August 23, 2009 is calling for temperatures to average above normal and precipitation to average near normal.

Climate summary for the week ending 8am 8/10/09

Temperatures averaged below normal north, and near normal central and south, averaging 70 degrees north, 73 degrees central, and 74 degrees south. Extremes were 90 degrees at Canoe Brook and Toms River on August 6, 2009 and 52 degrees at Charlotteburg on August 9, 2009.

Weekly rainfall averaged 0.44 inches north, 0.26 inches central, and 1.81 inches south. The heaviest 24 hour total reported was 1.87 inches at Hammonton on August 9, 2009 to August 10, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 84 percent north, 80 percent central, and 78 percent south.

Four inch soil temperatures averaged 71 degrees north, 74 degrees central, and 76 degrees south.

Peach Harvest Continues

Days suitable for field work, for the week ending Sunday, August 9, 2009, were 5.0. Topsoil moisture was rated as 80% adequate and 20% surplus. Subsoil moisture was rated as 90% adequate and 10% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were variable across the Garden State. Activities during the week were planting fall crops, spraying pesticides, and cutting hay. Soybean pod setting progressed and corn conditions were favorable. Vegetables were rated mostly good to excellent as harvesting continued. Tomato development continued to be affected by wet weather conditions. Apple harvest started in the northern district with good crop condition reported. Peach harvesting progressed while blueberries were finishing up.

Weather Summary for the Week Ending Monday, August 10, 2009

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days ¹		Soil Moisture ²
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
		Total	Dept.*							
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees			Percent
North										
Belvidere Bridge	0.36	21.15	0.02	83	54	69	-3	1,725	-56	81
Canoe Brook ³	0.21	20.89	N/A	90	55	72	-1	N/A	N/A	N/A
Charlotteburg ³	0.00	18.34	N/A	85	52	69	-1	N/A	N/A	N/A
Flemington	0.58	26.22	4.73	87	55	71	-2	1,889	61	93
Newton	1.07	21.06	N/A	82	54	69	-2	N/A	N/A	N/A
Central										
Freehold	0.08	23.62	2.74	90	57	73	-1	1,995	41	76
Long Branch	0.08	25.70	4.79	87	60	72	-2	1,803	-72	61
New Brunswick	0.15	25.55	4.61	89	56	74	0	2,020	-19	83
Toms River	0.70	23.79	2.28	90	58	74	2	1,919	49	83
Trenton	0.29	24.93	4.94	87	60	74	-1	2,123	-6	68
South										
Cape May C.H.	0.78	20.03	1.49	87	58	73	-2	2,035	32	70
Downstown	2.04	20.29	0.69	88	58	74	-1	2,117	-23	100
Glassboro	1.77	27.23	6.66	87	64	74	-1	2,230	117	100
Hammonton	2.14	21.84	1.22	89	61	75	0	2,253	138	100
Pomona	2.33	26.23	7.47	89	60	75	1	2,184	210	100
Seabrook ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Harrison ³	1.70	N/A	N/A	86	62	75	N/A	N/A	N/A	N/A

* Departure from normal.

¹ Growing degree days since March 1, 2009, total and departure from normal or long term average.

² Estimated soil moisture as % of field capacity based on climate data.

³ Data not available for all historic comparison.

JERSEY FRESH AVAILABILITY FOR AUGUST 10, 2009

ARUGULA & CILANTRO	A light volume of fair to good quality product due to disrupted planting schedules and hot temps. Supply will ramp up in a few weeks.
BABY ARUGULA	Weather interrupted planting schedules still causing light to inconsistent quantity of good quality arugula.
BASIL	Likes warmer weather. Harvesting good quality & quantity.
BEETS	Harvesting good quality in fair quantity.
BLUEBERRIES	Finishing up.
CABBAGE	Harvesting a good volume of excellent quality. Excellent sizing.
COLLARDS	Harvesting good quality and quantity.
CUCUMBERS	Harvesting very light quantities of good product as we're between plantings right now with the heat. Supply should start to ramp up in a few weeks.
DANDELIONS	A fair to good quantity of very good quality Spring planted product.
DILL	Harvesting a light volume in fair to good quality.
EGGPLANT & PEPPERS	Harvesting good quality products in good supply.
KALE	A fair to good quantity of good quality product.
LEEKs	A fair volume of good quality product is available.
MINT	Good quality harvesting in good quantity. Likes warmer temperatures.
NECTARINES	The Fantasia variety is in good supply, with volume through the end of the month. Excellent size and quality.
PARSLEY	Very light quantities of fair to good quality curly and plain. Supply should start to increase in a few weeks.
PEACHES	Harvesting Bounty and Flamin Fury yellow varieties, along with Klondike variety white peaches. All are in good volume now and through mid-September. All varieties have excellent size and quality.
SQUASH	Harvesting good quantities of very good quality product.
SWEET CORN	Harvesting good quality in good volume.
SWISS CHARD	Harvesting fair to good quality in light volume. Supply should start to increase in a few weeks.
TOMATOES	Harvesting good quality and quantity as our sunnier weather has helped with ripening and field conditions.
TURNIPS	Minimal supply with the heat that it doesn't like. Be back in the Fall.
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.