



**Agricultural Weather Advisory For New Jersey
 And Southeastern Pennsylvania
 Issued By Rutgers University New Brunswick, NJ
 8 Am EDT Monday, August 31, 2009**

Rainfall amounts none through Tuesday. Winds for spraying north/northeast 5 to 10 mph through Tuesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 40 to 50 Tuesday. Dew points 45 to 50 through Tuesday. Drying conditions good today and Tuesday. Moderate dew tonight and again Tuesday night. Percent of possible sunshine 80 today, 90 Tuesday.

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.

Conditions will be unfavorable for cranberry scald today but might be favorable Tuesday. Temperatures in the representative bog could fall to 30 to 34 Tuesday night.

Hay cutting should be good for most of the week with sunny days and cool nights.

The latest 8 to 14 day outlook for the period September 7, 2009 to September 13, 2009 is calling for temperatures to average above normal and precipitation to average near normal.

Climate summary for the week ending 8am 8/31/09

Temperatures averaged much above normal, averaging 70 degrees north, 73 degrees central, and 76 degrees south. Extremes were 91 degrees at Hammonton on August 30, 2009 and 57 degrees at several locations August 31, 2009.

Weekly rainfall averaged 1.60 inches north, 1.61 inches central, and 2.14 inches south. The heaviest 24 hour total reported was 3.71 inches at Cape May Courthouse on August 28, 2009 to August 29, 2009.

Estimated soil moisture, in percent of field capacity, this past week averaged 88 percent north, 86 percent central, and 72 percent south. Four inch soil temperatures averaged 73 degrees north, 76 degrees central, and 78 degrees south.

Rainfall Hinders Hay Production

Days suitable for field work, for the week ending Sunday, August 30, 2009, were 5.0. Topsoil moisture was rated as 75% adequate and 25 % surplus. Subsoil moisture was rated as 80% adequate and 20% surplus. There were measurable amounts of rainfall during the week. Temperatures were above normal across the Garden State. Wet weather conditions continued to make hay harvesting difficult in many localities. Corn was chopped for silage and soybeans pods were filling out. Harvest of spring cabbage, cantaloupe, and zucchini squash were winding down. There were reports of downy mildew affecting vine crops. Producers continued pre-harvest sprays on grapes, while peaches approached mid-harvest. Other activities included machinery repairs, pest management, and fall-crop preparation.

Weather Summary for the Week Ending Monday, August 31, 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.*	
	Inches	Total	Dept.*							Inches
North										
Belvidere Bridge	0.98	25.07	0.67	85	57	70	3	2,229	40	87
Canoe Brook ³	2.69	27.98 ³	2.42 ³	89	58	73	5	2,340 ³	134 ³	98
Charlotteburg ³	1.12	21.06 ³	-4.76 ³	82	58	69	4	2,129 ³	378 ³	90
Flemington	2.08	30.71	6.10	84	57	71	3	2,424	161	97
Newton ³	1.13	25.98 ³	2.11 ³	81	57	69	4	2,174 ³	176 ³	97
Central										
Freehold	1.07	26.03	2.01	88	58	72	3	2,548	139	86
Long Branch	0.87	28.67	4.30	87	61	74	4	2,365	33	89
New Brunswick	2.05	30.64	6.38	87	58	72	0	2,583	70	97
Toms River	1.71	26.88	2.00	88	64	75	5	2,490	174	94
Trenton	2.37	32.70	9.69	87	63	74	3	2,697	82	94
South										
Cape May C.H.	4.29	24.66	3.16	89	61	73	1	2,577	273	100
Downstown	0.88	23.78	1.03	88	63	76	5	2,696	26	84
Glassboro	1.18	31.05	7.35	89	63	76	5	2,824	226	89
Hammonton	1.03	26.26	2.56	91	65	77	6	2,876	274	89
Pomona	1.27	29.37	7.48	90	66	77	8	2,786	360	75
Seabrook ³	4.20	23.79 ³	2.06 ³	88	63	76	5	2,399 ³	-236 ³	88
South Harrison ³	1.25	19.91 ³	-3.46 ³	88	66	76	NA	NA	NA	NA

*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 comparisons.

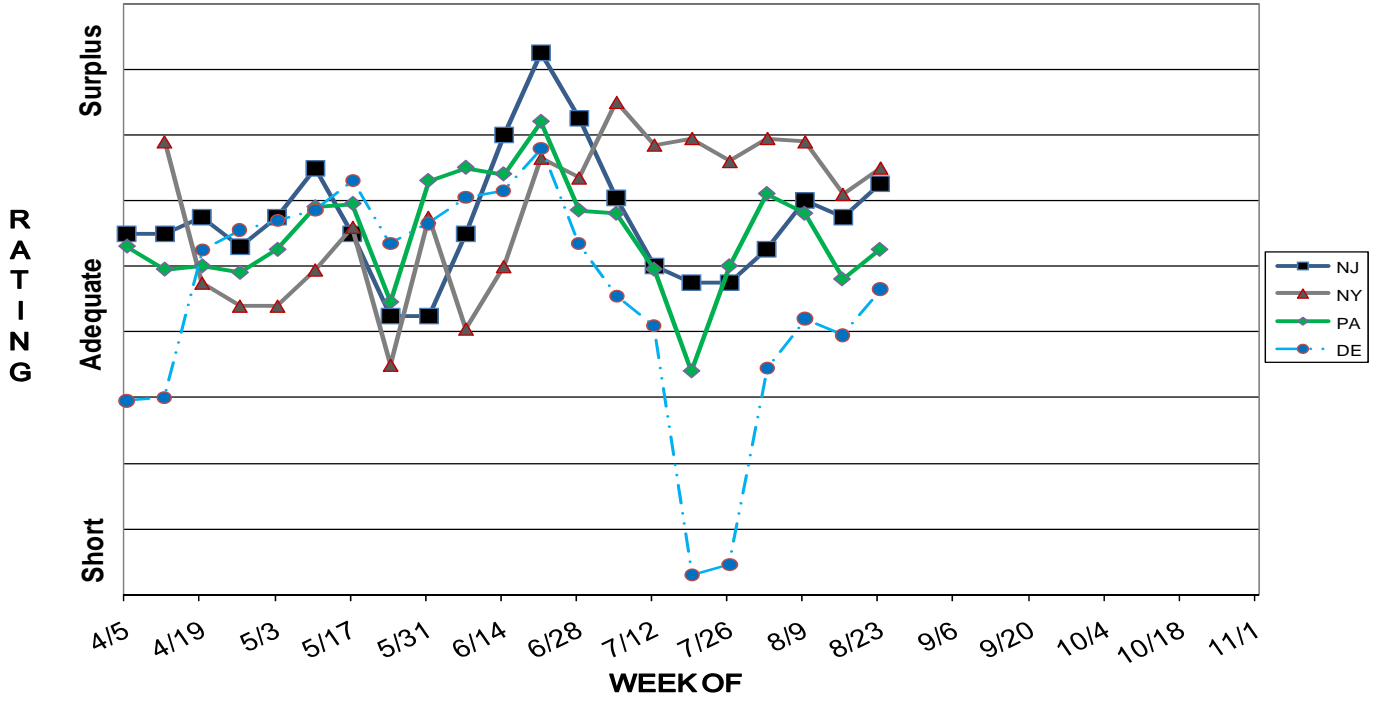
JERSEY FRESH AVAILABILITY FOR AUGUST 31, 2009

APPLES	Harvesting Gala, Courtland, & Ginger Gold with fresh product available through December.
ARUGULA & CILANTRO	A very 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. Supply will ramp up in a few weeks.
BASIL & MINT	Like warmer weather. Harvesting good quality & quantity.
BEETS	Harvesting good quality in fair quantity.
CABBAGE	Harvesting a light volume of excellent quality in this heat. Excellent sizing. Supply should start to pick up in mid-September.
COLLARDS	Harvesting good quality and quantity.
CUCUMBERS	Harvesting light quantities of good product as we're between plantings right now. Supply should start to ramp up in mid-September.
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.
ESCAROLE/ENDIVE	Harvesting in light to increasing volume and good quality.
KALE	A fair to good quantity of good quality product.
LEEKS	A fair volume of good quality product is available.
NECTARINES	The Fantasia variety is finishing up in light to declining volume. 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	Yellow Cresthaven & Flamin Fury varieties finishing up while Jerseyqueen, Fayette, Encore, & Lauro varieties harvesting. White Sugar Giant & Lady Nancy varieties harvesting. All are in good volume, with fair volume next week, & finishing by mid-Sept. All varieties have excellent size & quality.
SQUASH	Harvesting good quantities of very good quality product.
SWEET CORN	Harvesting a fair quantity of good quality corn due to disrupted planting schedules in June. Quantity returning to normal for this time of the year as new plantings start. Expect increased quality variations in the marketplace due to the annual cycle of insect pressures at this time of the season.
SWISS CHARD	Harvesting fair to good quality in fair to increasing volume.
TOMATOES	Recent supply gap due to disrupted planting schedules in June is changing as new fields come into production with volume returning to normal for this time of the year. Harvesting a fair quantity of fair to good quality fruit.
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.

JERSEY FRESH FORECAST

LETTUCES	Should begin harvesting about the third week of September.
SPINACH	Should begin harvesting about mid-September.
SWEET POTATOES	Should begin harvesting about the third week of September.

TOPSOIL MOISTURE



PASTURE AND RANGE CONDITION

