



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania  
 Issued by Rutgers University New Brunswick NJ  
 8 am EDT Tuesday, September 5, 2006**

**NEW JERSEY  
 WEEKLY CROP WEATHER**

*New Jersey Field Office*

**In Cooperation With:**  
 U.S. Department of Agriculture  
 National Agricultural Statistics Service  
 Agricultural Marketing Service  
 U.S. Department of Commerce/N.O.A.A.  
 Rutgers University

**NOAA WEATHER RADIO STATIONS**

- Allentown**  
WXL-39 on the VHF-FM  
frequency of 162.40 Megahertz.
- Atlantic City**  
KHB-38 on the VHF-FM  
frequency of 162.40 Megahertz.
- New York City**  
KWO-35 on the VHF-FM  
frequency of 160.55 Megahertz.
- Philadelphia**  
KIH-28 on the VHF-FM  
frequency of 162.475 Megahertz.

**NEW JERSEY AUCTIONS**

- Vineland**  
Phone: (856)691-0721  
Sales 10:00AM Daily except Sunday.
- Landisville**  
Phone: (856)697-2273  
Direct Sales Daily
- Swedesboro**  
Phone: (856)476-0313
- Hightstown**  
Phone: (609)448-0193  
Auction Sales Mon-Wed-Fri-7pm

Rainfall amounts, rainfall totals over the next 48 hours could exceed an inch.

Winds for spraying, north 5 to 10 mph through Wednesday.

Relative humidity in percent, 50 to 60 today, near 100, tonight, 70 to 80 Wednesday.

Dew points, upper 50s to low 60s through Wednesday.

Drying conditions, becoming poor today, poor Wednesday.

Frost freeze or dew, little dew but wetting possible in precipitation tonight and Wednesday night.

Percent of possible sunshine, 20 today, 20 Wednesday.

There is a 70 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 do not appear favorable for the occurrence of cranberry scald today and Wednesday.

Hay cutting is not recommended for the next couple of days with significant rainfall expected.

Estimated soil moisture in percent of field capacity is near 100 over most locations and additional significant rainfall today and Wednesday will just add to the excess moisture.

The latest 8 to 14 day outlook for the period September 12, 2006, through September 18, 2006, is calling for temperatures to average near normal and precipitation to total near normal.

**Climate summary for the week ending 8 am September 4, 2006**

Temperatures averaged below normal, averaging 65 degrees north, 68 degrees central, and 70 degrees south. Extremes were 92 degrees at Pomona on August 29, 2006, and 54 degrees at several locations on the September 3, 2006, through September 4, 2006.

Weekly rainfall averaged 3.43 inches north, 3.42 inches central, and 4.11 inches south. The heaviest 24 hour total reported was 3.11 inches at Freehold on the September 2, 2006 to September 3, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 99 percent north, 97 percent central, and 94 percent south. Four inch soil temperatures averaged 68 degrees north, 70 degrees central, and 74 degrees south.

**Weather Summary for the Week Ending 8 am Monday, September 4, 2006**

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Last Week				1/		
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -			- Degrees -				- Base 50°F -			
<b>NORTH</b>										
Belvidere Bridge	DATA NOT AVAILABLE									
Canoe Brook	3.95	26.20	.06	78	54	66	-1	2838	563	98
Charlotteburg										
Flemington	2.91	31.01	5.88	76	54	65	-2	2702	367	98
Newton	DATA NOT AVAILABLE									
<b>CENTRAL</b>										
Freehold	5.33	27.80	3.29	78	55	67	-2	2789	304	97
Long Branch	4.39	26.83	1.97	78	59	68	-1	2717	309	94
New Brunswick	3.53	25.15	.37	77	56	67	-4	2900	301	98
Toms River	1.29	19.80	-5.58	84	57	69	-1	2819	423	100
Trenton	2.54	25.21	1.72	81	58	68	-2	2954	258	95
<b>SOUTH</b>										
Cape May C.H.	3.26	16.65	-5.30	87	58	71	0	2888	497	95
Downtown	4.53	22.46	-.73	83	60	69	-1	2729	27	95
Glassboro	3.74	23.36	-.84	83	54	68	-2	3149	469	95
Hammonton	5.07	22.85	-1.34	85	60	70	0	3070	387	94
Pomona	3.97	24.28	2.00	92	60	70	1	2954	452	95
Seabrook	DATA NOT AVAILABLE									
South Harrison	4.36	27.50	4.89	84	59	69	N/A	3117	N/A	N/A

\*Departure from normal.  
 1/Growing degree days since March 1, 2006, total and departure from normal or long term average.  
 2/Estimated soil moisture as % of field capacity based on climate data.

## Rainfall Improved Moisture Condition

Days suitable for field work, the week ending Sunday, September 4, 2006, were 3.5. Topsoil moisture was rated 85% adequate, and 15% surplus. Temperatures averaged below normal across most of the state. There were measurable amounts of precipitation across most of the state for the week. Weekly rainfall averaged 3.43 inches north, 3.42 inches central, and 4.11 inches south. The heaviest 24 hour total reported was 3.11 inches at Freehold on September 2, 2006 to September 3, 2006. Agricultural producers continued harvesting where conditions permitted. Producers applied sprays for disease treatment. Planting of fall cover crops began in some southern localities. Harvest of potatoes, sweet corn, tomatoes, cantaloupe, eggplant, peppers, and cucumbers progressed. There was some splitting of cantaloupes, and some rot in peppers and cucumbers in the northern district. Reporters in the northern district also reported pumpkin loss due to phytophthora. Mowing and baling of hay continued. Hay condition was rated mostly fair to good. Corn and soybean development continued to progress. Corn and soybean condition was rated poor to good condition. Peach and apple harvest continued, with apples and peaches rated mostly good condition. There was some splitting of peaches reported in the northern district. Pasture was rated poor to excellent condition.

### JERSEY FRESH AVAILABILITY FOR SEPTEMBER 5, 2006

**Arugula & Cilantro** – A fair to good quality and quantity of products are being harvested.

**Baby Arugula & Baby Spinach** - Harvesting in good quality and volume.

**Basil** – Harvesting a fair to good quantity and quality of product.

**Beets** – A good volume of good quality product is available.

**Cabbage** – Harvesting good quantities of very good quality product.

**Dill & Parsley** – A fair volume of fair to good quality product available.

**Cucumbers/Pickles** – Harvesting a fair to good quantity and quality of Cukes and Pickles (Kirby cucumbers).

**Eggplant** – Harvesting a fair volume of excellent quality product. Quality not affected by the rain though harvesting efforts have been.

**Escarole/Endive** – Just starting the harvest of fair to good quality product. It will take at least a week or more for volume.

**Greens** - Good quantities of fair to good quality Collards, Kale, Kholrabi, Mustard, Dandelions, and Swiss Chard.

**Leeks & Green Onions** – Harvesting in good quality and quantity.

**Nectarines** – The Fantasia variety is finishing up. Fruit quality, including size, is good.

**Peaches** – Encore, our most heavily planted yellow peach variety, is being harvested in fair volume along with the Lauro variety. For white peaches, Lady Nancy is finishing up as Snow Giant is being harvested in fair volume. Fruit quality, including size and color, is good for all varieties. We'll have a decreasing volume of good quality peaches for at least another week.

**Peppers** – Harvesting a good volume of fair to good quality product though some growers have had some weather related quality issues and harvesting abilities. We also have an excellent assortment of great quality hot peppers available.

**Squash** – Many new fields have begun harvesting recently. Harvesting fair to good quantities of good quality yellow, zucchini, butternut, acorn and spaghetti squash.

**Tomatoes** – Wet fields and erratic harvesting ability have caused a wide range in quantity and quality this week.

**Sweet Corn** – Harvesting a good volume of fair to good quality corn. Quantity and quality varies now due to Fall insect pressures.