



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania  
 Issued by Rutgers University New Brunswick NJ  
 8 am EDT Monday, August 28, 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, additional rainfall totals of one half to one inch are possible with locally heavier amounts over the next 48 hours.

Winds for spraying, variable 5 to 10 mph through Tuesday.

Relative humidity in percent, 50 to 60 today, near 100 tonight, 50 to 60 Tuesday.

Dew points, low to mid 70s through Tuesday.

Drying conditions, generally poor today and Tuesday.

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

Percent of possible sunshine, 10 today, 20 Tuesday.

There is a 40 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 Tuesday.

Hay cutting will see a chance of wetting in precipitation today and Tuesday. Drier air should finally move into the region on Wednesday and continue through the second half of the week.

Estimated soil moisture in percent of field capacity has improved significantly in many areas over the past 48 hours and should improve further over the next 48 hours.

The latest 8 to 14 day outlook for the period September 4, 2006, through September 10, 2006, is calling for temperatures to average below normal and precipitation to total near normal.

**Climate summary for the week ending 8 am August 28, 2006**

Temperatures averaged above normal, averaging 69 degrees north, 73 degrees central, and 75 degrees south. Extremes were 92 degrees at Seabrook and Pomona on August 24, 2006, and August 26, 2006, and 56 degrees at Charlotteburg on August 22, 2006.

Weekly rainfall averaged 3.79 inches north, 1.79 inches central, and 1.43 inches south. The heaviest 24 hour total reported was 3.70 inches at Andover on August 27, 2006, through August 28, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 83 percent north, 70 percent central, and 51 percent south.

Four inch soil temperatures averaged 70 degrees north, 73 degrees central, and 75 degrees south.

**Weather Summary for the Week Ending 8 am Monday, August 28, 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 50F -			
<b>NORTH</b>										
Belvidere Bridge				DATA NOT AVAILABLE						
Canoe Brook				DATA NOT AVAILABLE						
Charlotteburg	3.72	25.05	-2.29	83	56	68	3	2309	603	100
Flemington	1.21	28.10	3.94	86	57	70	1	2597	390	87
Newton 3/	6.44	29.21	5.80	83	57	68	2	2075	124	100
<b>CENTRAL</b>										
Freehold	2.27	22.47	-1.10	89	58	73	3	2670	321	100
Long Branch	2.26	22.44	-1.44	86	63	73	3	2590	318	100
New Brunswick	1.45	21.62	-2.17	89	60	73	1	2778	331	86
Toms River	1.65	18.51	-5.89	89	59	73	2	2682	427	100
Trenton	1.34	22.67	.09	89	62	73	1	2829	277	89
<b>SOUTH</b>										
Cape May C.H.	.20	13.39	-7.69	90	64	76	3	2741	504	42
Downtown	1.03	17.93	-4.37	89	60	74	2	2591	34	77
Glassboro	2.04	19.62	-3.63	88	61	75	3	3021	486	100
Hammonton	1.66	17.78	-5.48	90	59	75	3	2928	389	100
Pomona	2.61	20.31	-1.19	92	62	76	6	2811	444	100
Seabrook	1.05	24.74	3.42	92	61	76	4	3207	636	73
South Harrison	1.45	23.14	1.42	90	62	76	N/A	2981	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.  
 3/ Some cumulative values estimated due to earlier missing data.

## Peach Crop is Excellent

Days suitable for field work, the week ending Sunday, August 27, 2006, were 6.0. Topsoil moisture was rated 5% very short, 45% short, 35% adequate, and 15% surplus. Temperatures averaged above normal across most of the state. There were measurable amounts of precipitation across most of the state for the week. Weekly rainfall averaged 3.79 inches north, 1.79 inches central, and 1.43 inches south. The heaviest 24 hour total reported was 3.70 inches at Andover on August 27, 2006 to August 28, 2006. Agricultural producers continued harvesting. Fall lettuce planting neared completion in some northern areas. Growers continued to irrigate in southern localities. Harvest of sweet corn, tomatoes, cantaloupe, eggplant, peppers, and cucumbers progressed. Complete loss of the pumpkin crop in some northern fields was reported. Mowing and baling of hay continued. Hay condition was rated mostly fair to good. Silage chopping continued. Corn and soybean development progressed across the state. Corn and soybean condition was rated mostly fair to good condition. Peach and apple harvest continued, with apples rated good condition and peaches excellent condition. Pasture was rated very poor to excellent condition.