



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
 Issued by Rutgers University New Brunswick NJ
 8 am EDT Monday, July 31, 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 none through Tuesday.

Winds for spraying west 5 to 10 mph today, southwest 5 to 10 mph tonight, southwest 10 to 15 mph Tuesday.

Relative humidity in percent 35 to 45 today, 90 to 100 tonight, 35 to 45 Tuesday.

Dew points low to mid 70s through Tuesday.

Drying conditions good today, good Tuesday.

Frost freeze or dew light dew tonight, light dew Tuesday night.

Percent of possible sunshine 70 today, 70 Tuesday.

There is a 10 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 rainfree period after application.

Conditions do not appear favorable for the occurrence of cranberry scald today and Tuesday.

Hay cutting will see good drying conditions over the next few days with little chance of precipitation.

The latest 8 to 14 day outlook for the period August 7, 2006 to August 13, 2006 is calling for temperatures to average below normal and precipitation to total below normal.

Climate summary for the week ending 8 am July 31, 2006

Temperatures averaged much above normal, averaging 76 degrees north, 79 degrees central, and 80 degrees south. Extremes were 94 degrees at Pomona and Toms River on July 29, 2006, and 55 degrees at Newton on July 25, 2006.

Weekly rainfall averaged 0.66 inches north, 0.48 inches central, and 0.49 inches south. The heaviest 24 hour total reported was 3.98 inches at South Harrison on July 27, 2006 to July 28, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 86 percent north, 74 percent central, and 74 percent south.

Four inch soil temperatures averaged 74 degrees north, 77 degrees central, and 79 degrees south.

Weather Summary for the Week Ending 8 am Monday, July 31, 2006

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
- Inches -			- Degrees -				- Base 50F -			
NORTH										
Belvidere Bridge				DATA NOT AVAILABLE						
Canoe Brook				DATA NOT AVAILABLE						
Charlotteburg	.90	20.56	-.25	87	60	76	3	1698	508	80
Flemington	.32	25.91	5.90	90	62	78	4	1926	333	81
Newton 3/	.77	20.74	1.65	88	55	75	1	1473	70	81
CENTRAL										
Freehold	.48	18.88	-.51	92	65	79	4	1963	254	74
Long Branch	.21	19.07	-.19	92	68	79	4	1872	241	50
New Brunswick	.59	19.94	.58	92	65	79	4	2056	259	84
Toms River	.46	16.41	-3.49	94	60	79	4	1968	331	53
Trenton	.64	20.91	2.36	92	62	79	2	2096	226	68
SOUTH										
Cape May C.H.	.07	12.69	-4.44	93	62	79	3	1988	244	53
Downtown 3/	.51	16.88	-1.22	92	60	79	2	1857	-25	68
Glassboro	.54	17.56	-1.52	91	66	80	4	2239	382	58
Hammonton	1.01	16.11	-3.04	93	62	80	3	2160	304	79
Pomona	.19	17.70	.46	94	63	79	4	2039	309	56
Seabrook	.59	23.60	6.08	94	68	81	4	2305	416	66
South Harrison	4.34	21.68	2.36	91	65	79	N/A	2209	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.

Wheat Harvest Nears Completion

Days suitable for field work, the week ending Sunday, July 30 2006, were 6.5. Topsoil moisture was rated 35% short, and 65% adequate. Temperatures averaged much above normal across most of the state. There were measurable amounts of precipitation in most localities for the week. Agricultural producers continued harvesting. Spraying continued across the state. Growers irrigated in some localities. Harvest of sweet corn and tomatoes progressed. Wheat harvest neared completion in some southern areas. Mowing and baling of hay and straw continued where weather conditions permitted. Hay condition ranged from very poor to good. Corn and soybean development varied across the state. In some southern localities corn completed the dough stage, while soybeans were still in bloom. There was a report in the central district that soybeans were setting pods, and there were instances of spider mites in soybean fields. Corn and soybean condition rated mostly fair to good condition. Pasture was rated in mostly fair to good condition.