

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Tuesday, October 9, 2007**

Rainfall amounts, tenth of an inch possible today, quarter to half an inch tonight, tenth of an inch possible Wednesday.

Winds for spraying, northwest then east 5 to 10 mph today, east 5 to 10 mph tonight, northeast 5 to 10 mph Wednesday.

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

Dew points, 65 to 70 today, mid 60s tonight, near 60 Wednesday.

Drying conditions, fair today but with some poor areas especially late in the day, fair at best Wednesday.

Frost freeze or dew, little dew tonight but wetting in showers is likely, moderate dew Wednesday night.

Percent of possible sunshine, 10 today, 40 Wednesday.

There is a 60 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.

Estimated soil moisture in percent of field capacity remains very short in most locations. Some significant rain is likely tonight and should improve soil moisture, however some areas are likely still to require additional moisture.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Wednesday night. Cooler air will be moving in during the week and could produce freezing temperatures in the bogs by the weekend.

Late season hay cutting is not recommended for the next few days with scattered shower activity.

The latest 8 to 14 day outlook for the period October 16, 2007 to October 22, 2007 is calling for temperatures to average near normal and precipitation to total below normal.

Climate summary for the week ending 8 am 10/09/07

Temperatures averaged much, much above normal averaging 68 degrees North, 71 degrees Central and 71 degrees South. Extremes were 90 degrees at Pomona on October 8, 2007, and 46 degrees at Flemington on October 2, 2007.

Weekly rainfall averaged 0.00 inches North, 0.00 inches Central, and 0.00 inches South. The heaviest 24 hour total reported was 0.01 inches at Cape May Courthouse on October 7, 2007 to October 8, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 76 percent North, 63 percent Central, and 53 percent south. Four inch soil temperatures averaged 66 degrees North, 68 degrees Central, and 69 degrees South.



**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

Weather Summary for the Week Ending 8 am Monday, October 8, 2007

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 50° F -			
NORTH										
Canoe Brook				Data Not Available						
Charlotteburg	.00	31.40	.12	85	47	67	14	2915	806	67
Flemington	.00	34.01	4.58	87	46	71	15	3196	451	74
Newton	.01	27.98	-6.8	84	47	67	14	2866	502	69
CENTRAL										
Freehold	.00	33.04	4.45	85	49	71	13	3456	516	66
Long Branch				Data Not Available						
New Brunswick	.00	38.43	9.38	85	51	71	13	3372	300	71
Toms River	.00	26.95	-2.72	84	49	70	12	3268	387	41
Trenton	.01	27.58	.15	86	52	71	12	3541	342	44
SOUTH										
Cape May C.H.	.02	18.28	-7.41	87	52	71	9	3431	462	45
Downtown	.00	20.26	-6.60	87	47	70	10	3540	314	47
Glassboro	.00	24.57	-3.76	86	53	73	14	3887	706	44
Hammonton	.00	20.51	-7.75	89	47	71	12	3649	463	41
Pomona	.00	22.26	-3.20	90	50	72	14	3579	620	41
Seabrook	.00	21.88	-4.11	87	52	72	12	3881	634	44
South Harrison	.00	24.59	-3.11	88	52	71	NA	3759	NA	NA

*Departure from normal.

1/Growing degree days since March 1, 2007, total and departure from normal or long term average.

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

Producers Continue Irrigation

Days suitable for field work, for the week ending Sunday, October 7, 2007, were 7.0. Topsoil moisture was rated 25% very short, 60% short and 15% adequate. Irrigation water supply was rated 5% very short, 50% short and 45% adequate. There were no measurable amounts of rainfall for the week in most localities. Temperatures were above normal for the week, in most areas of the Garden State. Producers irrigated in the southern district. Harvest of field corn continued. Soybean harvest progressed. Hay harvest neared completion in many localities. Producers continued harvesting vegetables. Pumpkin harvest continued across the state. Potato harvest neared completion in the northern and central districts. Harvest of potatoes and sweet potatoes continued in the south. Cranberry harvest continued. Apple trees were in mid-harvest in the central and southern districts.
