



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

Volume 69 No. 23

Date: September 10, 2007

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, September 10, 2007

Rainfall amounts, scattered totals of a tenth of an inch possible today and tonight, half an inch with locally higher amounts possible Tuesday and Tuesday night.

Winds for spraying, generally light and variable through Tuesday but then becoming northwest 10 mph Tuesday night.

Relative humidity in percent, 45 t0 55 today, 90 to 100 tonight, 45 to 55 Tuesday.

Dew points, near 70 through Tuesday but then dropping late Tuesday night.

Drying conditions, good today and Tuesday but possible becoming poor late Tuesday.

Frost freeze or dew, light dew tonight, some dew as well as wetting in showers Tuesday night.

Percent of possible sunshine, 50 today, 20 Tuesday.

There is a 20 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 over much of the region. Only some spotty relief can be expected today with a greater chance later Tuesday.

Hay cutting will continue to see good drying today and fair on Tuesday but with a increasing threat of wetting on Tuesday. Cooler and drier air is expected to arrive on Wednesday.

The latest 8 to 14 day outlook for the period September 17, 2007 to September 23, 2007 is calling for temperatures to average near normal and precipitation to total near normal.

Climate summary for the week ending 8 am 9/10/07

Temperatures averaged much above normal, averaging 72 degrees North, 74 degrees Central, and 75 degrees South. Extremes were 92 degrees at Canoe Brook on September 9, 2007, and 53 degrees at Newton on September 4, 2007.

Weekly rainfall averaged 0.00 inches North, 0.00 inches Central, and 0.01 inches South. The heaviest 24 hour total reported was 0.06 inches at Cape May Courthouse on September 9, 2007 to September 10, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 72 percent North, 59 percent Central, and 48 percent South.

Four inch soil temperatures averaged 69 degrees North, 71 degrees Central, and 72 degrees South.

Weather Summary for the Week Ending 8 am Monday, September 10, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees- - Base 50°F -										
NORTH										
Canoe Brook	.00	42.53	16.53	90	57	72	5	2719	461	68
Charlotteburg	.00	30.60	4.34	87	48	69	5	2357	563	68
Flemington	.17	32.86	7.86	87	49	70	2	2566	249	75
Newton	.00	27.36	3.10	84	48	68	3	2328	285	79
CENTRAL										
Freehold	.00	31.79	7.40	88	54	71	2	2795	329	64
Long Branch	.00	31.12	6.38	83	57	71	2	2566	177	46
New Brunswick	.00	37.47	12.82	87	51	70	-1	2719	141	72
Toms River	.00	26.25	.99	84	51	70	0	2629	253	46
Trenton	.00	26.98	3.61	89	55	72	2	2849	173	45
SOUTH										
Cape May C.H.	.00	16.51	-5.33	85	55	71	-1	2739	369	46
Downstown	.00	19.87	-3.21	87	52	71	1	2865	183	47
Glassboro	.00	23.71	-.36	87	56	74	4	3132	472	44
Hammonton	.00	20.14	-3.93	87	51	72	2	2944	281	43
Pomona	.00	20.89	-1.29	86	54	71	2	2884	401	45
Seabrook	.00	21.16	-.91	86	56	73	3	3145	448	44
South Harrison	.00	23.99	.28	86	55	73	NA	3030	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.

Pumpkin Harvest Begins

Days suitable for field work, for the week ending Sunday, September 9, 2007, were 6.5. Topsoil moisture was rated 40% short and 60% adequate. Irrigation water supply was rated 30% short and 70% adequate. There were no measurable amounts of rainfall during the week in most localities. Temperatures were near or above normal for the week, in most areas of the Garden State. Producers irrigated in the central and southern districts. Fourth cutting of alfalfa hay began in some northern fields. Farmers continued chopping silage. Apple and peach harvest continued across the state. Producers continued harvesting vegetables. Pumpkin harvest began across the state. Harvest of fall lettuce and sweet potatoes started in some areas of the south. Pepper harvest was winding down in some northern and central localities. Potato harvest continued.
