

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 Swedeshore

Phone: (856)476-0313

Hightstown Phone: (609)448-0193

Auction Sales Mon-Wed-Fri-7pm

Volume 68 No. 13 Date: July 3, 2006

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, July 3, 2006

Rainfall amounts one to two tenths of an inch with locally heavy amounts possible each period this afternoon, tonight and again Tuesday.

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

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

Dew points 70 to 75 through Tuesday.

Drying conditions fair today, fair Tuesday.

Frost freeze or dew some dew as well as possible wetting in showers tonight and again Tuesday night.

Percent of possible sunshine 30 today, 20 Tuesday.

There is a 30 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 only see fair conditions through Wednesday with slow drying and the threat of scattered showers.

Drier air should move into the region for Thursday and Friday.

The latest 8 to 14 day outlook for the period July 10, 2006 to July 16, 2006 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am July 3, 2006

Temperatures averaged much above normal, averaging 74 degrees north, 75 degrees central, and 76 degrees south. Extremes were 93 degrees at Hammonton and Pomona on July 3, 2006, and 56 degrees at Flemington on the July 1, 2006.

Weekly rainfall averaged 3.51 inches north, 1.33 inches central, and 1.73 inches south. The heaviest 24 hour total reported was 2.89 inches at Flemington on July 27, 2006 to July 28, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 95 percent north, 88 percent central, and 88 percent south.

Four inch soil temperatures averaged 76 degrees north, 76 degrees central, and 77 degrees south.

Weather Summary for the Week Ending 8 am Monday, JULY 3, 2006

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days 1/		Soil Moisture
	Last Since March 1									
	Week	Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	2/
		- Inches -	•		- Deg	rees -	•	- Base	50°F -	
				N	IORTH					
Belvidere Bridge				DATA NOT AVAILABLE						
Canoe Brook	2.42	15.46	-1.32	90	58	76	5	1245	343	86
Charlotteburg	3.40	16.69	30	84	58	73	5	1012	301	85
Flemington	4.71	21.22	5.15	89	56	74	2	1189	255	94
Newton	DATA NOT AVAILABLE									
				CE	NTRAL			•		
Freehold	.87	15.35	39	92	58	75	3	1202	173	84
Long Branch	.42	15.87	.11	92	62	74	2	1113	155	66
New Brunswick	1.48	15.51	.12	92	58	76	2	1275	179	92
Toms River	.89	12.97	-2.73	93	59	76	3	1198	241	84
Trenton	2.97	16.10	1.70	92	60	76	2	1306	161	79
				S	OUTH			•		
Cape May C.H.	.80	9.79	-4.11	91	61	75	2	1217	179	74
Downstown	1.87	12.52	-1.70	91	60	76	2	1277	115	80
Glassboro	3.82	13.61	-1.76	91	62	76	2	1430	289	81
Hammonton	.95	11.73	-3.28	93	60	76	2	1352	218	78
Pomona	.35	12.50	-1.09	93	61	76	4	1250	209	59
Seabrook	2.58	15.53	1.83	91	63	77	3	1481	312	72
South Harrison	3.02	12.43	-2.97	91	61	75	NA	1411	NA	NA

 $1/G rowing\ degree\ days\ since\ March\ 1,\ 2006,\ total\ and\ departure\ from\ normal\ or\ long\ term\ average.$

 $\ensuremath{\mathrm{2/Estimated}}$ soil moisture as % of field capacity based on climate data.

Vegetable Harvest Continues

Days suitable for field work, the week ending Sunday, July 2, 2006, were 3.0. Topsoil moisture was rated 10% adequate, and 90% surplus. Temperatures averaged above normal across most of the state. There were measurable amounts of precipitation in most localities for the week. Agricultural producers continued harvesting where conditions permitted, but there was very little field activity because ground was too wet to work on. There was a report in the central district of some water and wind damage of a mild nature. In some fields in the southern district, barley and wheat were starting to turn black from excessive moisture. Harvest of cabbage, snap beans, sweet corn, and cucumbers continued. Picking of blueberries continued in the central district. Pasture was rated in mostly good to excellent condition.