



# 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

## Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, July 2, 2007

Rainfall amounts, none through Tuesday, up to one tenth of an inch Tuesday night.

Winds for spraying, northwest 5 to 10 mph today, light and variable tonight, northwest 5 mph Tuesday.

Relative humidity in percent, 35 to 45 today, 90 to 100 tonight, 40 to 50 Tuesday.

Dew points, mid to upper 40s today and tonight, low 50s Tuesday.

Drying conditions, very good today and Tuesday.

Light dew tonight and Tuesday night.

Percent of possible sunshine, 90 today, 80 Tuesday.

There is a near zero 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 has increased significantly in some locations but has decreased statewide during the past couple of days. There continues to be a need to irrigate in some locations, especially in the south.

Conditions will be favorable for cranberry scald in some locations today and Tuesday.

Hay cutting will see very good drying today and Tuesday, but then with a risk of wetting in showers Tuesday night through much of the second half of the week.

The latest 8 to 14 day outlook for the period July 9, 2007, through July 15, 2007, is calling for temperatures to average below normal and precipitation to total near normal.

### Climate summary for the week ending 8 am 7/2/07

Temperatures averaged above normal, averaging 72 degrees North, 73 degrees Central, and 75 degrees South. Extremes were 95 degrees at Canoe Brook and Freehold on June 28, 2007, and 48 degrees at Charlotteburg on July 2, 2007.

Weekly rainfall averaged 1.24 inches North, 1.28 inches Central, and 0.70 inches South. The heaviest 24 hour total reported was 1.78 inches at Long Branch on June 27, 2007, through June 28, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 91 percent North, 82 percent Central, and 73 percent South.

Four inch soil temperatures averaged 71 degrees North, 72 degrees Central, and 73 degrees South.

### Weather Summary for the Week Ending 8 am Monday, July 2, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days <sup>1/</sup>		Soil Moisture <sup>2/</sup>
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
- Inches -			- Degrees				- Base 50F -			
<b>NORTH</b>										
Canoe Brook	.66	25.02	8.37	95	52	74	3	1217	336	82
Charlotteburg	1.90	19.60	2.75	92	48	71	3	1048	355	90
Flemington	.85	22.87	6.94	94	50	72	1	1135	223	87
Newton	1.56	15.36	.24	90	53	70	1	1019	244	91
<b>CENTRAL</b>										
Freehold	1.15	19.22	3.61	95	53	73	1	1301	294	89
Long Branch	1.83	19.73	4.10	89	55	72	0	1093	157	75
New Brunswick	1.14	25.10	9.85	94	51	73	-1	1219	147	91
Toms River	.29	15.49	-.06	92	56	72	-1	1150	216	51
Trenton	2.00	21.08	6.83	94	58	75	1	1284	163	80
<b>SOUTH</b>										
Cape May C.H.	1.11	11.46	-2.32	91	59	74	1	1165	150	67
Downtown	.33	15.51	1.43	94	56	75	1	1281	143	47
Glassboro	2.08	19.36	4.12	94	60	76	2	1442	325	81
Hammonton	.26	15.27	.40	94	57	75	1	1318	207	45
Pomona	.38	15.61	2.15	93	57	75	3	1261	242	47
Seabrook	.07	16.43	2.87	92	55	75	1	1440	295	58
South Harrison	.90	17.55	1.49	93	61	76	NA	1392	NA	NA

\*Departure from normal.

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

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

**Barley and Winter Wheat Harvest Underway**

Days suitable for field work, for the week ending Sunday, July 1, 2007, were 6.0. Topsoil moisture was rated 20% short and 80% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures above normal for the beginning of the week, and fell to below normal by the end of the week in most areas of the Garden State. Soybeans continued to emerge in some localities. Harvest of barley and wheat was underway across the state. Producers continued spraying, fertilizing, planting soybeans and summer vegetables. Blueberry harvest neared completion. Cranberries were blooming. Apples were sizing across the state. There was a report that Colorado potato beetle was seen on eggplant in the northern district. Producers continued harvesting hay. There was a report of some cereal rust mite in timothy hay fields in the central district. Irrigation was necessary in some southern localities.

**Jersey Fresh Availability For July 2, 2007**

<b>Arugula &amp; Cilantro</b>	A fair to decreasing volume and quality is available with warming temperatures.
<b>Baby Arugula &amp; Baby Spinach</b>	Harvesting good quality and quantity. Not as affected by the heat.
<b>Basil</b>	Likes warmer weather. Harvesting good quality and quantity.
<b>Blueberries</b>	The Duke and Bluecrop varieties are now available in good quantity. Fruit quality, taste, and size are excellent.
<b>Beets</b>	Harvesting good quality and quantity.
<b>Cabbage</b>	Good quality in fair to increasing volume.
<b>Collards</b>	Good quality harvesting in good quantity.
<b>Cucumbers &amp; Pickles</b>	Harvesting in good quality and quantity.
<b>Dandelions</b>	Good quality and quantity of Spring planted San Pasquale variety.
<b>Dill</b>	Harvesting good quality in good quantity.
<b>Eggplant</b>	Harvesting a light to increasing volume of excellent quality product. Volume by end of next week.
<b>Escarole &amp; Endive</b>	Harvesting in fair to good quality and light to decreasing quantity with the warming temperatures.
<b>Kale</b>	Good quality product harvesting in good volume.
<b>Leeks &amp; Green Onions</b>	A good volume of good quality product is available.
<b>Lettuces</b>	Warmer weather finishing the Spring season. Harvesting very light to decreasing quantities of fair quality Red & Green Leaf. Light quantity and fair quality of Romaine which tolerates the heat a bit better.
<b>Mint</b>	Good quality harvesting in good quantity. Likes the warmth.
<b>Parsley</b>	Good quality products available in good quantities.
<b>Peaches</b>	Yellow peaches will start with the Sentry "cling" variety this weekend with some volume a week or so later. Redhaven "clingless" varieties start in mid-July. Good yellow volume expected by about the 20 <sup>th</sup> of July through early September. White peach volume begins with the White Lady variety in late July or early August through mid-September.
<b>Peppers</b>	Harvesting a light to increasing volume of excellent quality product. Volume by end of next week.
<b>Radishes</b>	Harvesting in good quality and fair to decreasing volume.
<b>Spinach</b>	A light volume of fair to good quality is available.
<b>Squash</b>	Harvesting Zucchini and Yellow in good quantity and quality.
<b>Sweet Corn</b>	Good quality and fair quantity expected for the 4 <sup>th</sup> . Peak of season should be the third week of July. Good wholesale availability until the week after Labor Day. Quantity and quality varies after that.
<b>Swiss Chard</b>	A fair to decreasing volume of fair quality Spring planted available.
<b>Tomatoes</b>	Good quality available in fair to increasing volume and high prices.
<b>Turnips</b>	Harvesting good quality in fair to good quantity.

**Jersey Fresh Forecast**

<b>Cantaloupes</b>	Becoming available in mid July with volume available a week or so later.
<b>Nectarines</b>	Early nectarines starting about mid-July with Easternglo, with a steady supply from the beginning of August through the early part of September.
<b>White Potatoes</b>	In two to three weeks, we'll harvest good quality Yukon Gold and redskin Superior round varieties. Source your New Jersey white potatoes in their distinctive "Jersey Fresh" bags. A number of chain stores have made large displays of these in the past and they've sold quite well.