

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, June 18, 2007**



**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 expected today or tonight, scattered totals of a tenth of an inch with locally higher amounts Tuesday.

Winds for spraying, northwest around 5 mph today, south around 5 mph tonight, south around 10 mph Tuesday.

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

Dew points, low 60s today and tonight, mid 60s Tuesday.

Drying conditions very good today, and Tuesday.

Light dew tonight and Tuesday night.

Percent of possible sunshine 90 today, 80 Tuesday.

There is less than a 10 percent probability of precipitation in 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 will decrease over the next couple of days with hot temperatures and moderate humidity levels and only some scattered showers on Tuesday.

Hay cutting will see very good drying conditions today and Tuesday but with a chance of scattered wetting in showers on Tuesday.

The latest 8 to 14 day outlook for the period June 25, 2007 to July 1, 2007 is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8am 6/18/07

Temperatures averaged slightly below normal, averaging 67 degrees North, 68 degrees Central, and 69 degrees South. Extremes were 89 degrees at numerous locations on June 18, 2007, and 49 degrees at Charlotteburg on June 15, 2007.

Weekly rainfall averaged 0.25 inches North, 0.65 inches Central, and 0.75 inches South. The heaviest 24 hour total reported was 1.53 inches at Glassboro on June 12, 2007 to June 13, 2007 .

Estimated soil moisture, in percent of field capacity, this past week averaged 74 percent North, 69 percent Central, and 71 percent South. Four inch soil temperatures averaged 67 degrees North, 68 degrees Central, and 69 degrees South.

Weather Summary for the Week Ending 8 am Monday, June 18, 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 50F -			
NORTH										
Canoe Brook				Data Unavailable						
Charlotteburg	.08	16.79	1.89	82	49	65	-1	782	325	63
Flemington	.39	20.88	6.73	88	50	68	-1	849	221	74
Newton	.28	12.66	-.72	86	51	67	0	752	231	70
CENTRAL										
Freehold	.63	16.93	2.97	87	53	68	-2	1016	305	73
Long Branch	.39	16.53	2.40	89	56	68	-1	804	156	56
New Brunswick	1.71	22.74	9.07	88	55	69	-2	918	164	95
Toms River	.17	14.64	.75	89	56	67	-2	863	219	46
Trenton	.36	17.89	5.22	89	55	69	-3	958	157	49
SOUTH										
Cape May C.H.	.55	10.14	-2.15	86	53	67	-3	854	137	59
Downtown	.50	14.99	2.43	87	55	68	-3	967	145	58
Glassboro	1.59	16.49	2.96	89	57	71	0	1098	296	70
Hammonton	1.01	14.63	1.46	89	56	69	-2	999	206	68
Pomona	.76	14.99	2.92	88	55	69	-1	949	226	60
Seabrook	.12	15.22	3.32	88	56	71	0	1108	280	45
South Harrison	.38	16.41	2.15	89	56	69	NA	1051	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.

Blueberry Harvest Begins

Days suitable for field work, for the week ending Sunday, June 17, 2007, were 5.5. Topsoil moisture was rated 50% short and 50% adequate. Irrigation water supply was rated 10% short and 90% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were variable for the week in most areas of the Garden State. Soybeans continued to emerge. Blueberry harvest began. Producers continued preparing fields, spraying, side dressing corn, planting soybeans and summer vegetables. Planting of pumpkins and winter squash started in the south. Producers continued harvesting hay. There was a report of some cereal rust mite in some other hay fields in the central district. Irrigation was necessary in some central and southern localities .

JERSEY FRESH AVAILABILITY FOR JUNE 18, 2007

Arugula & Cilantro	A fair to decreasing volume and quality is available with warming temperatures.
Asparagus	
Baby Arugula & Baby Spinach	Harvesting good quality and quantity. Not as affected by the heat.
Basil	Likes warmer weather. Harvesting good quality and quantity.
Blueberries	Warm weather hastened the ripening of the widely planted Duke variety which is now available in fair to increasing quantity, with good volume available in several days. Fruit quality and size are excellent.
Beets	Harvesting good quality and quantity.
Collards	Good quality harvesting in good quantity.
Cucumbers & Pickles	Harvesting in good quality and quantity.
Dandelions	Harvesting in good quality and quantity.
Dill	Harvesting good quality in good quantity.
Escarole & Endive	Harvesting in fair to good quality and fair to decreasing quantity with the warming temperatures.
Kale	Good quality product harvesting in good volume.
Leeks & Green Onions	A good volume of good quality product is available.
Lettuce	Warmer weather starts to finish the Spring season. Harvesting light quantities of fair to decreasing quality Boston, Red & Green Leaf. Fair quantity and quality of Romaine which tolerates the heat a bit better.
Mint	Good quality harvesting in good quantity. Likes the warmth.
Parsley	Good quality products available in good quantities.
PEAS	Harvesting a fair to decreasing volume of fair quality local peas and beans due to weather related issues.
Radishes	Harvesting in good quality and volume.
Spinach	A fair volume of fair to good quality is available with this heat.
Squash	Harvesting Zucchini and Yellow in good quantity and quality.
SWISS CHARD	A good volume and quality of Spring planted available.
Turnips	Harvesting good quality in fair to good quantity.
Tomatoes	Field grown has begun this week in light volume and high prices. Fair volume available next week in good quality with this weather.

Jersey Fresh Forecast

Cabbage	Late transplanting due to cold Spring. Good quality in light volume.
Cantaloupes	Becoming available in mid July with volume available a week or so later.
Nectarines	Early nectarines starting about mid July with Eastern glo, with a steady supply from the beginning of August through the early part of September.
Peaches	Yellow peach volume will start with the Sentry "cling" variety after the 4 th of July with some volume a week or so later. Redhaven "clingless" varieties starting mid-July. Good yellow volume expected by about the 20 th of July through early September. White peach volume begins with the White Lady variety in late July or early August through mid-September.
Eggplant & Peppers	Harvest will begin in early July. Volume increasing each week thereafter.
Sweet Corn	Harvest should begin the last week of the month. Good quality and light to fair quantity expected for the 4 th . 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 due to Fall insect pressures.