



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, June 25, 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, up to one tenth of an inch today and one tenth to one quarter tonight and again on Tuesday, with heavier amounts possible near thunderstorms during all periods.

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

Relative humidity in percent, 50 to 60 today, 90 to 100 tonight, 50 to 60 Tuesday.

Dew points, low to mid 60s today, increasing to around 70 Tuesday.

Drying conditions, fair to good today and Tuesday with possible wetting by showers.

Light dew tonight and Tuesday night.

Percent of possible sunshine, 50 today, 60 Tuesday.

There is a 50 percent probability of precipitation in latter half of 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 is favorable in most locations but remains short in some southern locations. Scattered rain showers are expected this afternoon, tonight, and Tuesday, therefore the need for irrigation will depend on rainfall locations and amounts.

Hay cutting will see fair to good drying today and tomorrow depending on cloud cover and rainfall. There is a chance for wetting in most areas from this afternoon through Tuesday.

The latest 8 to 14 day outlook for the period July 2, 2007, through July 8, 2007, is calling for temperatures to average below normal and precipitation to total slightly below normal.

Climate summary for the week ending 8 am 6/25/07

Temperatures averaged slightly below normal, averaging 68 degrees North, 69 degrees Central, and 71 degrees South. Extremes were 92 degrees at Flemington and Trenton on June 20, 2007, and 45 degrees at Charlotteburg on June 24, 2007.

Weekly rainfall averaged 1.00 inches North, 1.10 inches Central, and 0.49 inches South. The heaviest 24 hour total reported was 0.89 inches at Flemington on June 19, 2007, through June 20, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 89 percent North, 84 percent Central, and 62 percent South.

Four inch soil temperatures averaged 68 degrees North, 69 degrees Central, and 70 degrees South.

Weather Summary for the Week Ending 8 am Monday, June 25, 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	.82	24.36	8.62	88	48	70	0	1048	310	90
Charlotteburg	.91	17.70	1.82	86	45	66	-1	898	327	80
Flemington	1.14	22.02	7.00	92	46	69	-1	982	216	88
Newton	1.14	13.80	-.49	87	46	67	-1	873	228	87
CENTRAL										
Freehold	1.14	18.07	3.30	87	46	68	-3	1141	286	91
Long Branch	1.37	17.90	3.04	82	52	69	-1	936	149	81
New Brunswick	1.22	23.96	9.53	87	49	70	-3	1059	153	93
Toms River	.56	15.20	.52	84	47	68	-3	991	209	58
Trenton	1.19	19.08	5.66	92	51	71	-2	1108	151	75
SOUTH										
Cape May C.H.	.21	10.35	-2.68	82	51	70	-1	992	131	52
Downtown	.19	15.18	1.89	89	49	70	-2	1106	130	51
Glassboro	.79	17.28	2.91	90	50	73	1	1258	303	62
Hammonton	.38	15.01	1.02	87	50	70	-3	1143	195	52
Pomona	.24	15.23	2.52	84	51	69	-2	1086	219	49
Seabrook	1.14	16.36	3.65	91	52	72	-1	1261	278	81
South Harrison	.24	16.65	1.48	90	53	72	NA	1209	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.

Summer Vegetable Harvest Continues

Days suitable for field work, for the week ending Sunday, June 24, 2007, were 6.0. Topsoil moisture was rated 60% short and 40% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were near or below normal for the week in most areas of the Garden State. Soybeans continued to emerge. Producers continued preparing fields, spraying, side dressing corn, planting soybeans and summer vegetables. Barley harvest neared completion in the northern district. Winter wheat harvest began in the central district. Planting of pumpkins and winter squash continued. Blueberry harvest continued. Apples were sizing across the state. The northern and southern districts reported some fire blight and some scab on apples. Japanese beetles were seen on grapes and pumpkins 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 June 25, 2007

Arugula & Cilantro	A fair to decreasing volume and quality is available with warming temperatures.
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	The widely planted Duke variety is now available in good quantity. Fruit quality and size are excellent.
Beets	Harvesting good quality and quantity.
Cabbage	Good quality in fair to increasing volume.
Collards	Good quality harvesting in good quantity.
Cucumbers & Pickles	Harvesting in good quality and quantity.
Dandelions	Good quality and quantity of Spring planted San Pasquale variety.
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.
Lettuces	Warmer weather starts to finish the Spring season. Harvesting light to decreasing quantities of fair quality 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.
Radishes	Harvesting in good quality and fair to decreasing 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.
Sweet Corn	Harvest begins this week with 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.
Swiss Chard	A fair to decreasing volume of fair quality Spring planted available.
Tomatoes	Available in light to increasing volume and high prices. Fair volume available by the end of the week.
Turnips	Harvesting good quality in fair to good quantity.

Jersey Fresh Forecast

Cantaloupes	Becoming available in mid July with volume available a week or so later.
Eggplant & Peppers	Harvest will begin in early July. Volume increasing each week thereafter.
Nectarines	Early nectarines starting about mid July with Easternglo, 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.