

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, June 11, 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 scattered tenth to a quarter of an inch with locally higher amounts possible each period through Tuesday.

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

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

Dew points, upper 50s to low 60s through Tuesday.

Drying conditions fair today, fair Tuesday.

Frost freeze or dew, little dew but wetting possible in precipitation both nights.

Percent of possible sunshine 50 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 rain free period after application.

Hay cutting will see fair drying conditions over the next several days with a chance of precipitation each period.

The latest 8 to 14 day outlook for the period June 18, 2007 to June 24, 2007 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8am 6/11/07

Temperatures averaged near normal, averaging 68 degrees North, 68 degrees Central, and 71 degrees South. Extremes were 95 degrees at Hammonton on June 8, 2007, and 42 degrees at Charlotteburg on June 7, 2007.

Weekly rainfall averaged 0.34 inches North, 0.26 inches Central, and 0.79 inches South. The heaviest 24 hour total reported was 2.34 inches at Pomona on June 4, 2007 to June 5, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 91 percent North, 85 percent Central, and 82 percent South. Four inch soil temperatures averaged 69 degrees North, 70 degrees Central, and 72 degrees South.

Weather Summary for the Week Ending 8 am Monday, June 11, 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	.37	22.15	8.18	92	47	69	2	773	296	82
Charlotteburg	.18	16.71	2.78	90	42	68	4	675	324	78
Flemington	.14	20.49	7.22	93	44	68	1	721	223	86
Newton	.67	12.38	-.08	91	45	67	2	632	227	82
CENTRAL										
Freehold	.20	16.30	3.15	87	49	68	0	888	314	81
Long Branch	.17	16.14	2.74	83	50	67	-1	679	161	67
New Brunswick	.14	21.03	8.12	88	48	69	0	786	171	84
Toms River	.69	14.47	1.38	87	48	68	2	742	222	64
Trenton	.12	17.53	5.61	91	51	70	0	823	169	61
SOUTH										
Cape May C.H.	.83	9.59	-1.97	88	52	70	2	732	149	68
Downtown	.40	14.49	2.66	94	49	70	0	838	160	66
Glassboro	.02	14.90	2.21	93	50	72	2	948	291	61
Hammonton	.80	13.62	1.27	95	49	71	1	865	217	63
Pomona	2.45	14.23	2.91	89	48	70	2	817	248	63
Seabrook	.23	15.10	4.01	93	54	72	2	962	279	66
South Harrison	.16	16.03	2.68	92	54	72	NA	912	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.

Cranberries Begin To Bloom

Days suitable for field work, for the week ending Sunday, June 10, 2007, were 5.5. Topsoil moisture was rated 50% short and 50% adequate. Irrigation water supply was rated 5% short and 95% 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. Sweet corn began to tassel, and peppers started to flower, in the south. In the central district cranberry plants began to bloom, while strawberry harvest was winding down. Producers continued preparing fields, spraying, planting soybeans, and summer vegetables. Harvest of early season vegetables, including asparagus, carrots, broccoli, herbs, cabbage, peas, strawberries, cucumbers for pickles, spinach, and lettuce, continued. Producers continued harvesting hay. Irrigation was necessary in some southern fields.

JERSEY FRESH AVAILABILITY FOR JUNE 11, 2007

Arugula	Good quality harvesting in good volume.
Asparagus	Finishing. Good quality harvesting in minimal volume.
Baby Arugula & Baby Spinach	Harvesting good quality and quantity.
Basil	Likes warmer weather. Harvesting good quality in fair quantity.
Blueberries	Minor quantities of early varieties like Weymouth starting by the weekend. Much more widely planted Duke variety starting the 18 th , with volume available a week after that.
Beets	Harvesting good quality and quantity.
Cilantro	A good volume of good quality product is available.
Collards	Good quality harvesting in good quantity.
Cucumbers	Harvesting good quality in light to increasing quantity. Pickles available in fair to good quantity.
Dandelions	Good quality and quantity of Spring planted San Pasquale variety.
Dill	Harvesting good quality in good quantity.
Escarole & Endive	Harvesting in good quality and quantity.
Kale	Good quality product harvesting in good volume.
Leeks & Green Onions	A good volume of good quality product is available.
Lettuce	Harvesting good quantities of good quality Boston, Red & Green Leaf, and Romaine.
Mint	Good quality harvesting in fair to good quantity. Likes the warmth.
Parsley	Good quality products available in fair to good quantities.
PEAS	Harvesting a fair to good volume of great quality local peas and Fava beans. Sugar snap peas in light to increasing volume.
Radishes	Harvesting in good quality and volume.
Spinach	A good volume of excellent quality product is available.
Squash	Harvesting a good quantity and quality of Zucchini. Yellow becoming available this week in light volume.
Strawberries	Matted row varieties available in light to decreasing volume in Central & North Jersey. A farm market item for the next week or so.
SWISS CHARD	A good volume and quality of Spring planted available.
Turnips	Harvesting good quality in fair to good quantity.

Jersey Fresh Forecast

Cabbage	Late transplanting due to cold Spring. Ready by the end of June.
Cantaloupes	Tunnel started product should become available in early July. Volume available in mid to third week of July.
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.