

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, May 14, 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 through Tuesday.

Winds for spraying northeast then southwest around 10 mph today, southwest around 5 mph tonight, southwest 15 to 20 mph Tuesday.

Relative humidity in percent 25 to 35 today, 90 to 100 tonight, 35 to 45 Tuesday.

Dew points low to mid 30s today, near 40 tonight, low 50s Tuesday.

Drying conditions good today and again on Monday.

Frost freeze or dew light dew tonight and again Tuesday night.

Percent of possible sunshine 90 today, 90 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 will continue to decrease the next few days with no expected rainfall.

Temperatures in the representative cranberry bogs could drop to 29 to 33 tonight but should remain above freezing Tuesday night.

Hay cutting will see very good drying conditions for the next couple of days but then with a slight chance of showers each day Wednesday into Friday.

The latest 8 to 14 day outlook for the period May 21, 2007 to May 27, 2007 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8am 5/14/07

Temperatures averaged above normal, averaging 62 degrees North, 62 degrees Central, and 63 degrees South.

Extremes were 84 degrees at Hammonton and Flemington on May 12, 2007, and 34 degrees at Pomona on May 9, 2007.

Weekly rainfall averaged 0.18 inches North, 0.41 inches Central, and 0.38 inches South. The heaviest 24 hour total reported was 0.72 inches at Trenton on May 12, 2007 to May 13, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 86 percent North, 77 percent Central, and 66 percent South. Four inch soil temperatures averaged 59 degrees North, 59 degrees Central, and 59 degrees South.

Weather Summary for the Week Ending 8 am Monday, May 14, 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	.29	18.76	8.38	83	37	63	5	257	141	85
Charlotteburg	.08	14.15	3.93	82	35	62	6	213	151	75
Flemington	.19	17.96	8.08	84	36	62	3	242	116	83
Newton	.16	10.52	1.42	81	36	62	5	202	117	80
CENTRAL										
Freehold	.31	13.60	3.78	83	49	66	6	356	190	75
Long Branch	.62	13.71	3.56	73	39	58	-1	224	86	86
New Brunswick	.19	17.90	8.33	83	38	63	2	272	81	83
Toms River	.20	11.08	1.22	80	37	60	0	272	121	64
Trenton	.73	15.19	6.29	83	39	64	2	311	94	81
SOUTH										
Cape May C.H.	.39	7.32	-1.31	81	38	59	-2	262	72	72
Downtown	.30	12.24	3.36	83	35	63	1	328	100	66
Glassboro	.41	11.18	1.78	83	42	65	3	384	167	65
Hammonton	.26	11.38	2.23	84	35	63	2	336	127	59
Pomona	.41	9.48	.86	83	34	61	1	307	138	70
Seabrook	.50	12.15	4.11	83	39	66	4	400	168	68
South Harrison	.44	13.73	5.08	83	38	65	NA	367	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.

Blueberries in Bloom

Days suitable for field work, for the week ending Sunday, May 13, 2007, were 6.5. Topsoil moisture was rated 50% short and 50% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were below normal the beginning of the week, and rose to above normal by midweek, across the Garden State. Field corn was emerging in parts of the Northern district. Sprinklers were used to protect cranberries from frost. Blueberries were in full bloom in the Southern district. Peaches were sizing nicely, and apple fruit set looked good. Strawberry harvest began. Producers continued planting field corn and summer vegetables. Irrigation was necessary in some Southern fields. Harvest of early season vegetables, including asparagus, lettuce and spinach, continued across the state. Producers continued greenhouse work, field preparation and spraying.

Jersey Fresh Availability For May 14, 2007

Arugula	Good quality harvesting in light to increasing volume.
Asparagus	Good quality harvesting in fair volume. Volume still growing though cooler weather this week will slow the harvest.
Baby Arugula & Baby Spinach	Just starting to harvest good quality in light to increasing quantities.
Beets	Good quality harvesting in fair to increasing quantity.
Cilantro	A good volume of good quality over-wintered product is available now and for at least week or two. Spring planted should be available sometime next week.
Collards	Good quality harvesting in fair to increasing quantity.
Dandelions	Good quality over-wintered bunched product is available now and for some time. Spring planted should start to become available soon.
Dill	Harvesting good quality in fair to increasing quantity.
Escarole & Endive	Harvesting a good quality of tunnel grown product in fair to increasing quantity.
Kale	Good quality product harvesting in fair to increasing volume.
Leeks	A fair volume of fair to good quality over-wintered product is available now and for some time.
Lettuce	Beginning to harvest light quantities of good quality Boston & Red & Green Leaf. Romaine also starting in very light volume.
Mint	Good quality harvesting in fair to increasing quantity.
Parsley	Good quality product becoming available in fair quantity.
Radishes	Harvesting good quality in fair to increasing volume.
Spinach	A good volume of excellent quality over-wintered product is available for several weeks. Spring planted should be available late next week.
Strawberries	Early harvests of Chandler variety berries have begun in fair quantity and good quality. The bulk of the crop will be harvested over the next two weeks, with lower volume to continue through early June.
Swiss Chard	A light volume of good quality over-wintered product available. Spring planted should start to become available in several weeks.

Jersey Fresh Forecast

Basil	Likes warmer weather. Should be ready by the second week of June.
Blueberries	Minor quantities of early varieties like Weymouth starting mid-June. Much more widely planted Duke variety starting 3-4 days later with volume available a week after that.
Cabbage	Late transplanting due to cold Spring. Should be ready by mid-late June.
Cucumbers	Harvesting light quantities of tunnel grown by late May or early June. Field grown will be available two weeks later, in mid-June. Pickles should be ready by the first week of June.
Squash	Should begin harvesting light quantities of Yellow/Zucchini grown in tunnels by the end of May. Field grown harvesting by the 1 st or 2 nd week of June.
Turnips	Should begin harvesting around the end of May.