

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, May 7, 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 east 5 to 10 mph today, light southeast tonight, south 5 to 10 mph Tuesday.

Relative humidity in percent 30 to 40 today, 90 to 100 tonight, 30 to 40 Tuesday.

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

Drying conditions very good today, very good Tuesday.

Frost freeze or dew light dew and possible frost only in the most extreme inland locations tonight, light dew 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 has decreased significantly over the past several days and will continue to decrease for much of the week with warmer temperatures and no expected rainfall until late in the week.

Temperatures in the representative cranberry bogs could drop to 22 to 26 tonight and 27 to 31 Tuesday night.

Hay cutting will continue to see very good conditions for much of the week with low dew points, abundant sunshine and warmer temperatures.

The latest 8 to 14 day outlook for the period May 14, 2007 to May 20, 2007 is calling for temperatures to average below normal and precipitation to total below normal.

Climate summary for the week ending 8am 5/7/07

Temperatures averaged near normal, averaging 56 degrees North, 58 degrees Central, and 58 degrees South.

Extremes were 85 degrees at Pomona on May 1, 2007, and 34 degrees at Flemington and Charlotteburg on May 7, 2007 .

Weekly rainfall averaged 0.50 inches North, 0.32 inches Central, and 0.01 inches South. The heaviest 24 hour total reported was 0.85 inches at Flemington on May 1, 2007 to May 2, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 96 percent North, 88 percent Central, and 72 percent South. Four inch soil temperatures averaged 56 degrees North, 59 degrees Central and 59 degrees South.

Weather Summary for the Week Ending 8 am Monday, May 7, 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	.60	18.47	8.99	79	37	56	0	163	100	94
Charlotteburg	.30	14.07	4.74	75	34	55	1	130	104	91
Flemington	.85	17.77	8.72	79	34	56	-1	155	85	94
Newton	.27	10.36	2.05	74	38	56	1	119	79	90
CENTRAL										
Freehold	.15	13.29	4.31	81	39	61	3	246	145	83
Long Branch	.27	13.09	3.81	82	45	57	0	164	83	78
New Brunswick	.75	17.71	9.02	81	37	57	-2	181	60	94
Toms River	.65	11.47	2.42	87	44	59	1	215	128	88
Trenton	.10	14.46	6.32	81	42	58	-1	214	72	70
SOUTH										
Cape May C.H.										
Downtown										
Glassboro	.00	10.77	2.18	83	43	61	2	278	136	67
Hammonton										
Pomona	.03	9.07	1.14	85	37	57	-1	225	121	60
Seabrook	.00	11.65	4.34	84	40	60	0	287	133	67
South Harrison										

*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.

Vegetable Planting Resumes

Days suitable for field work, for the week ending Sunday, May 6, 2007, were 5.5. Topsoil moisture was rated 80% adequate and 20% surplus. Irrigation water supply was rated 90% adequate and 10% surplus. There were measurable amounts of rainfall during the week in most localities. Temperatures were variable during of the week, across the Garden State. Apple trees were blooming, and strawberry bushes were in flower, in areas of the northern district. Water was drawn off cranberries. In parts of the Southern district, blueberries were in bloom, and grape vines had started to bud out. Grape vines were sprayed for black rot. First cutting of alfalfa hay began in some areas. Producers were able to resume field work in most localities, including field corn and vegetable planting, and late pasture seeding. Harvest of early season vegetables, including asparagus, lettuce and spinach, continued across the state. Producers continued greenhouse work, fertilizing, and spraying.

Jersey Fresh Availability For May 7, 2007

Arugula	Good quality harvesting in fair volume. Volume will continue to pick up over the next several weeks.
Asparagus	Good quality harvesting in fair volume. Volume will continue to pick up over the next several weeks.
Cilantro	A fair to good volume of good quality over-wintered product is available now and for several more weeks. Spring planted should be available late next week or the following week.
Dandelions	Good quality over-wintered bunched product is available now and for some time. Spring planted should be available by next week.
Kale	Good quality over-wintered harvesting in fair volume. Volume should pick up over the next several weeks.
Leeks	A fair volume of fair quality over-wintered product is available now and for some time.
Lettuce	Beginning to harvest good quality Boston in very light quantity.
Parsley	Good quality over-wintered product available in fair quantity.
Radishes	Harvesting in fair volume. Volume should pick up over the next several weeks.
Spinach	A fair to good volume of excellent quality over-wintered product is available now and for several weeks. Spring planted should be available by the end of May.
Strawberries	Early harvests of Chandler variety berries are beginning in the next several days, with increasing volume coming. The bulk of the crop will be harvested towards the end of May, with lower volumes to continue through the first week of June.
Swiss chard	A light volume of good quality over-wintered product is available. Spring planted should start to become available in several weeks.

Jersey Fresh Forecast

Beets	Late transplanting due to cold Spring. Harvest should begin in mid-June.
Cabbage	Late transplanting due to cold Spring. Won't be ready until late June.
Collards	Should begin harvesting around the end of May.
Dill	Should begin harvesting around the end of May.
Escarole & Endive	Late transplanting due to cold Spring. Should begin harvesting in mid-June.
Lettuce	Will begin harvesting Red & Green Leaf late next week or the following week, followed by Romaine a week later.
Turnips	Should begin harvesting around the end of May.