



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

Volume 69 No. 14

Date: July 9, 2007

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, July 9, 2007

Rainfall amounts, none today through Tuesday, tenth of an inch possible Tuesday night.

Winds for spraying, southwest 10 to 15 mph today, light southwest tonight, southwest around 10 mph Tuesday.

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

Dew points, 65 to 70 today and tonight, low 70s Tuesday.

Drying conditions, good today, good Tuesday.

Light dew tonight and Tuesday night and well as some scattered showers Tuesday night.

Percent of possible sunshine, 90 today, 80 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 through Tuesday and therefore the need for irrigation will continue to increase.

Conditions will not be fairly for cranberry scald today and Tuesday.

Hay cutting will see good drying conditions through Tuesday due to hot temperatures and no expected rain. Scattered showers will move into the region Tuesday night and the threat will continue through Thursday.

The latest 8 to 14 day outlook for the period July 16, 2007 to July 22, 2007 is calling for temperatures to average below normal and precipitation to total above normal.

Climate summary for the week ending 8 am 7/9/07

Temperatures averaged below normal, averaging 70 degrees North, 71 degrees Central, and 73 degrees South. Extremes were 95 degrees at Pomona on July 9, 2007, and 47 degrees at Flemington on July 3, 2007.

Weekly rainfall averaged 1.42 inches North, 1.25 inches Central, and 0.40 inches South. The heaviest 24 hour total reported was 1.96 inches at Canoe Brook on July 4, 2007 to July 5, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 92 percent North, 81 percent Central, and 60 percent South.

Four inch soil temperatures averaged 68 degrees North, 70 degrees Central, and 71 degrees South .

Weather Summary for the Week Ending 8 am Monday, July 9, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees - Base 50°F -										
NORTH										
Canoe Brook	2.11	27.13	9.52	91	50	72	0	1371	338	89
Charlotteburg	.75	20.35	2.54	83	48	69	0	1179	356	82
Flemington	1.96	24.83	7.91	89	47	70	-3	1275	207	93
Newton	.87	16.23	.08	87	49	68	-2	1148	235	87
CENTRAL										
Freehold	1.55	20.77	4.25	91	48	72	-1	1453	287	87
Long Branch	1.02	20.75	4.24	92	54	72	-1	1249	156	75
New Brunswick	1.62	26.72	10.48	91	52	72	-2	1372	132	90
Toms River	.59	16.08	-.52	91	50	71	-3	1296	196	55
Trenton	1.48	22.56	7.27	90	53	71	-4	1436	144	76
SOUTH										
Cape May C.H.	.06	11.52	-3.07	92	54	72	-2	1323	144	47
Downtown	.54	16.05	1.00	92	51	72	-3	1437	130	55
Glassboro	.95	20.31	4.15	92	54	74	-1	1610	324	69
Hammonton	.27	15.54	-.36	94	52	73	-2	1484	204	42
Pomona	.26	15.87	1.50	95	51	73	-1	1422	242	42
Seabrook	.34	16.77	2.25	93	54	75	0	1616	301	44
South Harrison	.69	18.24	1.19	91	56	73	N/A	1558	N/A	N/A

*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.

Harvest of Small Grains Continues

Days suitable for field work, for the week ending Sunday, July 8, 2007, were 6.0. Topsoil moisture was rated 25% short and 75% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were below normal for the beginning of the week and rose to near, or above, normal by the end of the week in most areas of the Garden State. Corn started to tassel in northern areas of the state. Harvest of barley and wheat progressed across the state. Producers continued spraying, fertilizing, and harvesting vegetables. A county agent noted an increase in bacterial diseases on tomatoes and peppers. Apples were sizing across the state. A county agent noted some fire blight on apple trees in the north. In the northern district, Japanese beetles were seen on grapes, and alfalfa hopper was observed in some hay fields. Producers continued harvesting hay. Irrigation was necessary in some southern localities .

Jersey Fresh Availability For July 9, 2007	
Arugula & Cilantro	A light volume of fair to good quality product should continue to be available even with the 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 Duke variety is winding down as the Bluecrop variety is the main variety being picked now in good quality and quantity. Just past the mid-point of the season. Fruit quality, taste, and size are excellent.
Beets	Harvesting good quality and quantity.
Cabbage	Good quality and quantity.
Collards	Fair to 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.
Eggplant	Harvesting a good volume of excellent quality product.
Escarole & Endive	Harvesting a very light to decreasing quantity of fair to good quality product with the warming temperatures. Finishing up until mid-Sept.
Kale	Good quality product harvesting in good volume.
Leeks & Green Onions	A good volume of good quality product is available.
Lettuces	Warmer weather finishing the season. Will return in mid-September.
Mint	Good quality harvesting in good quantity. Likes the warmth.
Parsley	Good quality products available in good quantities.
Peaches	Harvesting large (2 ¾ - 3") Sentry variety yellow peaches in light to fair volume with good volume next week. Redhaven "freestone" varieties starting late next week with good volume expected in two weeks and going through early Sept. Color, size, and sweetness have been good. White peach volume begins with the White Lady variety in early Aug. and continues through mid-Sept.
Peppers	Harvesting a fair to good volume of excellent quality product.
Radishes	Although temperature sensitive, a light quantity of good quality product should be available all season.
Spinach	A light to decreasing volume of fair quality is available.
Squash	Harvesting Zucchini and Yellow in good quantity and quality.
Sweet Corn	Good quality and quantity. 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.
Swiss Chard	A light to decreasing volume of fair quality available.
Tomatoes	Good quality available in fair to increasing volume.
Turnips	Harvesting good quality in fair to good quantity.

Jersey Fresh Forecast	
Cantaloupes & Melons	Harvesting good quality and fair to good quantities.
Nectarines	Early nectarines starting last week of July with Easternrglo, with a steady supply from the beginning of August through the early part of September.
White Potatoes	In two weeks, we'll harvest good quality Yukon Gold and redskin Superior round varieties. Source your New Jersey white potatoes in their distinctive "Jersey Fresh" bags.