

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

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, July 24, 2006

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

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

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

Dew points, low 60s today, mid 60s tonight, upper 60s Tuesday drying conditions...very good today, good Tuesday.

Frost freeze or dew, light dew tonight, some dew with some scattered showers possible Tuesday night.

Percent of possible sunshine, 90 today, 70 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.

Conditions may be favorable for the occurrence of cranberry scald today but should be unfavorable Tuesday.

Hay cutting will see good drying today and Tuesday but with a slight chance of showers moving into the region Tuesday and a continuing threat for several days.

Estimated soil moisture in percent of field capacity has increased over most locations with precipitation over the last 48 hours.

The latest 8 to 14 day outlook for the period July 31, 2006, through August 6, 2006, is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8am July 24, 2006

Temperatures averaged much above normal, averaging 76 degrees north, 79 degrees central, and 80 degrees south. Extremes were 101 degrees at Hammonton and Toms River on July 18, 2006, and 56 degrees at Charlotteburg on July 24, 2006.

Weekly rainfall averaged 1.10 inches north, 1.43 inches central, and 2.39 inches south. The heaviest 24 hour total reported was 2.82 inches at Seabrook on July 21, 2006 through July 22, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 81 percent north, 68 percent central, and 57 percent south.

Four inch soil temperatures averaged 76 degrees north, 79 degrees central, and 80 degrees south.

Weather Summary for the Week Ending 8 am Monday July 24, 2006

	vveau	ner Sumn	lary for th	e week	Enuing o a	m Monday,	, July 24			
Weather Stations	Rainfall			Temperatures				Growing Degree Days		
	Last Week	Since March 1		Last Week				1/		Moisture 2/
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	-
- Inches -				- Degrees -				- Base 50F -		
				N	ORTH					
Belvidere Bridge					DATA NOT	AVAILABLE				
Canoe Brook				DATA NOT AVAILABLE						
Charlotteburg	.83	19.66	19	92	56	75	3	1516	386	76
Flemington	1.52	25.59	6.56	94	57	77	3	1731	307	94
Newton 3/	.94	19.97	1.81	91	60	76	3	1297	60	80
			•	CE	NTRAL					
Freehold	1.15	18.40	08	98	59	78	3	1759	227	78
Long Branch	1.13	18.86	.48	99	70	79	4	1669	214	67
New Brunswick	1.31	19.35	.98	97	59	78	2	1849	232	85
Toms River	.67	15.95	-2.90	101	64	79	4	1766	304	53
Trenton	2.89	20.27	2.75	96	66	79	2	1891	210	93
				S	OUTH					
Cape May C.H.	1.40	12.62	-3.70	96	66	79	3	1783	224	81
Downstown				DATA NOT AVAILABLE						
Glassboro	.80	17.02	-1.13	98	65	81	5	2028	357	58
Hammonton	1.52	15.10	-3.02	101	66	81	4	1950	283	84
Pomona	2.62	17.51	1.19	99	65	80	5	1832	282	100
Seabrook	5.60	23.01	6.45	98	64	80	3	2089	389	94
South Harrison				DATA NOT AVAILABLE						

*Departure from normal.

1/Growing degree days since March 1, 2006, total and departure from normal or long term average.

2/Estimated soil moisture as % of field capacity based on climate data 3/ Some cumulative values estimated due to earlier missing data.

Vegetable and Peach Harvest Activities Continued

Days suitable for field work, the week ending Sunday, July 23 2006, were 6.0. Topsoil moisture was rated 5% short, 75% adequate, and 20% surplus. Temperatures averaged much above normal across most of the state. There were measurable amounts of precipitation in most localities for the week. Average rainfall was over one inch in all three districts; with the heaviest 24 hour total, of 2.82 inches, reported at Seabrook on July 21, 2006 to July 22, 2006. Agricultural producers continued harvesting. Spraying continued across the state. Planting of soybeans continued. Harvest of lettuces, snap beans, eggplant, potatoes, sweet corn, tomatoes, herbs, and cucumbers continued. There was a report in the central district of some damage from heavy rains and winds; and increasing fruit and vegetable diseases as well as insect problems like European corn borer, corn ear worm, Colorado potato beetle and aphids. Corn and soybean condition rated mostly good. Pasture was rated in mostly fair to good condition.

Jersey Fresh Availability For July 24, 2006

Arugula & cilantro - A fair to good quality and fair quantity of products are being harvested with the warm temperatures.

Baby arugula & baby spinach - Harvesting in good quality and volume. Not as affected by the heat.

Basil - Harvesting good quantities of very good quality product with the increasing temperatures.

Beets - A good volume of good quality product is available.

Blueberries - The bluecrop variety is winding down with one last week of fair volume and quality due to weekend rain. The late variety elliott is starting and will be available for a few weeks in light to fair volume. The season is quickly winding down.

Cabbage - Harvesting good quantities of very good quality product.

Cantaloupes & Watermelons - Fair quality and quantity of field-grown product.

Dill & parsley - A fair volume of good quality spring planted product available.

Cucumbers - Harvesting a good quantity of fair to good quality pickles (Kirby cucumbers) and cukes.

Eggplant - Harvesting a good quantity of excellent quality product.

Escarole & endive - Finishing up with the heat. Will be back in the fall.

Greens - Good quality and quantities seen of collards, kale, kohlrabi, mustard, dandelions, and Swiss chard.

Leeks & Green Onions - Transplanted product available in good quality and quantity. Spring planted products also now available.

Nectarines - Harvesting fair quantities of the early variety eastern glo. Also harvesting a fair to increasing volume of summer beaut has started with volume expected later on next week. Fruit quality, including size, is very good for all varieties. **Peaches** - Freestone yellow red haven varieties such as john boy and flaming fury are now being harvested in good volume. Freestone white peaches, principally the white lady variety, are also being harvested in good volume. Yellow and white doughnut peaches are also available for the next two weeks. The newer white peach varieties have the look and flavor that consumers desire and the shelf life that allows you to get the peaches to them. Fruit quality, including size and color, is very good for all varieties. We'll have a volume of good quality peaches until mid-September.

Peppers - Harvesting a good volume of excellent quality product.

Radishes - Although temperature sensitive, a light quantity of good quality product should be available all season.

Snap beans - Harvesting a light volume of great quality beans with the increased temperatures.

Spinach - Finishing up with the increasing temperatures.

Squash - Harvesting good quantities of very good quality yellow and zucchini. A light volume of good quality acorn and spaghetti squash now being harvested with butternut expected in three weeks.

Tomatoes - Harvesting a light quantity of fair quality product with recent rains causing some quality problems. This week's anticipated warm weather should cause volume to increase by the end of the week.

Sweet Corn - Harvesting a good volume of good quality corn. Peak of the season. Good wholesale availability until at least the week after labor day. Quantity and quality varies after that due to fall insect pressures.

Turnips - Harvesting good quality product in fair volume.

White Potatoes - Good quality redskin potatoes being harvested in light to fair quantity with superior round variety. There will be a large crop of good quality potatoes this year. Source your New Jersey white potatoes in their distinctive "Jersey Fresh" bags.