

# **NEW JERSEY** *N*EEKLY CROP WEATHER

## New Jersey Agricultural Statistics Service

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 67 No. 16

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 7 am EDT Monday, July 25, 2005

Date: July 25, 2005

Rainfall amounts, scattered tenth of an inch totals possible this morning, otherwise none through Tuesday.

Winds for spraying, west 10 to 15 mph today, light and variable tonight, southwest 5 to 10 mph Tuesday.

Relative humidity in percent, 45 to 55 today, 90 to 100 tonight, 45 to 55 Tuesday.

Dew points, mid to upper 60s today and most of Tuesday, then rising to the low 70s by late Tuesday.

Drying conditions, fair to good today, good Tuesday.

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

Percent of possible sunshine, 40 today, 60 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.

Conditions do not appear favorable for the occurrence of cranberry scald today and

Hay cutting will see good drying conditions today and Tuesday after a few scattered showers this morning.

Soil moisture in percent of field capacity is below 50 percent in an increasing number of locations and therefore the need for irrigation continues to increase.

The latest 8 to 14 day outlook for the period August 1, 2005, through August 7, 2005, is calling for temperatures to average above normal and precipitation to total below normal

#### Climate summary for the week ending 8 am July 25, 2005

Temperatures averaged much above normal, averaging 76 degrees north, 79 degrees central, and 80 degrees south. Extremes were 98 degrees at Trenton on July 22, 2005, and 54 degrees at Charlotteburg on July 24, 2005.

Weekly rainfall averaged 0.31 inches north, 0.30 inches central, and 0.28 inches south. The heaviest 24 hour total reported was 0.74 inches at Long Branch on July 18, 2005, through July 19, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 65 percent north, 69 percent central, and 44 percent south.

Four inch soil temperatures averaged 77 degrees north, 79 degrees central, and 80 degrees south.

	Weat	her Sumn	nary for the	e Week Er	nding 8 am	n Wonday,	, July 25,	2005		
Weather Stations	Rainfall			Temperatures				<b>Growing Degree Days</b>		Soil
	Last Week	Since March 1		Last Week				1/		Moisture
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	2/
- Inches -				- Degrees -			- Base 50°F -			
				NO	RTH					
Belvidere Bridge	.14	15.93	-2.80	91	58	77	3	1560	150	61
Canoe Brook	.30	17.71	-2.11	94	57	79	4	1768	361	62
Charlotteburg	.31	19.99	.00	88	54	73	1	1443	291	50
Flemington	.13	22.47	3.30	90	56	77	3	1665	217	71
Newton	.65	16.80	-1.49	88	55	75	2	1575	315	57
				CEN	TRAL					
Freehold	.09	22.35	3.74	93	55	78	3	1667	110	71
Long Branch	.78	21.16	2.65	93	62	79	4	1643	163	58
New Brunswick	.52	22.36	3.85	93	58	79	3	1747	104	81
Toms River	.10	22.05	3.05	94	58	79	4	1602	115	36
Trenton	.00	20.62	2.96	98	62	80	3	1763	55	38
			•	SO	UTH					
Cape May C.H.	.18	18.44	2.00	91	61	79	3	1426	-159	45
Downstown	.43	16.68	59	92	59	79	2	1669	-101	44
Glassboro	.13	18.05	23	93	64	81	5	1892	195	38
Hammonton	.33	18.81	.55	94	58	80	3	1737	43	52
Pomona	.32	17.74	1.29	94	59	81	5	1640	64	28
Seabrook	.32	17.94	1.24	93	64	81	4	1920	193	34
South Harrison	.00	22.17	3.69	92	62	80	NA	1795	NA	NA

\*Departure from normal.

1/ Growing degree days since March 1, 2005, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

### Peach Harvest Began

Outdoor activities included cutting and baling hay, spraying, irrigating, picking peaches, and harvesting vegetables. Days suitable for field work, for the week ending Sunday, July 24, 2005, were 6.5. Topsoil moisture was rated 30% short and 70% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall in many parts of the state. Temperatures were above normal across most of the state. Planting of soybeans was completed in most parts of the state. Third cutting of hay continued. There was a report of leafhoppers in some alfalfa fields in the southern district. Field crops rated in good to excellent condition across the state. Harvest of cantaloup, eggplant, snap beans, cucumbers, pepper, squash, sweet corn, and tomatoes continued in the state. There was a report of bacterial canker on tomatoes in some areas of the north. Vegetables rated in good to excellent condition. In the central district, there was a report that diseases had increased on cucurbits and vegetables. Peach harvest began in the north and south. Fruit was rated in good condition in most localities. There was a report of mites and some scab on apples in some areas of the south. Pasture was rated in mostly fair to good condition.

#### JERSEY FRESH AVAILABILITY FOR JULY 25, 2005

**Arugula & Cilantro** - Harvesting fair to good quality in light volume with the increased temperatures.

Baby Arugula & Baby Spinach - Harvesting in good quality and volume. Not as affected by the heat.

Basil - Harvesting in good quantity and quality.

Beets - Harvesting in good quantity and quality.

**Blueberries** - The Bluecrop variety is winding down with one last week of fair to good volume. The late variety Elliott is starting and will be available for a few weeks in fair volume. Fruit quality and size for all varieties looks good. A better than average crop this year.

Cabbage - Harvesting in good quantity and quality.

Cantaloupes - Harvesting in good quantity and quality.

Collards & Kale - Harvesting in good quantity and quality.

**Cucumbers & Pickles** (Kirby cucumbers) - Harvesting both in good quantity and quality.

**Dandelions** - Spring planted Pasquale variety available in good quantity and quality.

**Dill & Spinach** - Harvesting Dill in fair to good quality and light quantity with the increased temperatures. Spinach is finishing up until the fall.

Eggplant - Harvesting in good quantity and quality.

Escarole/Endive - Finishing up with the heat.

**Greens** - Good quality and quantities harvested of Kholrabi, Mustard, Broccoli Raab, and Swiss Chard.

Green Onions & Leeks - Spring planted varieties are now available in fair to increasing quantities and good quality.

**Nectarines** - The early variety Eastern Glo is beginning in light volume with good volume not expected for almost two weeks. Good size, flavor, and finish are expected.

Parsley - Harvesting in good quantity and quality.

Peaches - Just past the peak of the season for the early yellow varieties such as Sentry and Garnet Beauty. Red Haven varieties have begun and should be in volume by the weekend. Fruit quality and flavor are very good. Fruit size should be excellent this year due to a lighter fruit set, aggressive thinning, and recent fruit growth. White peaches will start with the White Lady variety later this week with volume expected next week. 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. We'll have a volume of good quality peaches until mid-September.

Peppers - Harvesting in good quantity and quality.

**Squash** - Harvesting good quality Yellow and Zucchini though only in fair quantities as low prices are causing some growers to leave them in the field or disk them in.

Sweet Corn - Harvesting in good quantity and quality. The peak of the season should be the end of the month. Good wholesale availability until at least Labor Day. Quantity and quality varies after that due to Fall insect pressures.

**Tomatoes** - Harvesting in good quantity and quality. Plum tomatoes are also available in similar good quantity and quality.

White Potatoes - Harvesting a fair to increasing volume of the redskin variety Norland and 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. A number of chain stores have made large displays of these in the past and they've sold quite well.