



**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
 Issued by Rutgers University New Brunswick NJ
 8 am EDT Monday, August 7, 2006**

**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, tenth of an inch with locally higher amounts possible in showers and thunderstorms today and tonight, none Tuesday.

Winds for spraying, southwest 5 to 10 mph today, west 5 to 10 mph tonight, north 5 to 10 mph Tuesday.

Relative humidity in percent, 45 to 55 today, 90 to 100 tonight, 35 to 45 Tuesday.

Dew points, low to mid 70s today and tonight, dropping through the 60s Tuesday.

Drying conditions, fair at best today, becoming good Tuesday.

Frost freeze or dew, little dew but wetting possible in precipitation tonight, moderate dew Tuesday night.

Percent of possible sunshine, 40 today, 70 Tuesday.

There is a 60 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 Tuesday.

Hay cutting will see a moderate chance of showers and thunderstorms today and tonight. Drier air will move back into the region on Tuesday and should continue through Thursday.

The latest 8 to 14 day outlook for the period August 14, 2006, through August 20, 2006, is calling for temperatures to average near normal and precipitation to total below normal.

Climate summary for the week ending 8am 8/7/06

Temperatures averaged much above normal, averaging 80 degrees north, 82 degrees central, and 83 degrees south. Extremes were near 100 degrees at several locations on August 2, 2006, August 3, 2006, and August 4, 2006, and 60 degrees at Newton on August 6, 2006.

Weekly rainfall averaged 0.22 inches north, 0.19 inches central, and 0.00 inches south. The heaviest 24 hour total reported was 0.48 inches at Newton on August 3, 2006 through August 4, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 72 percent north, 58 percent central, and 42 percent south.

Four inch soil temperatures averaged 79 degrees north, 81 degrees central, and 82 degrees south.

Weather Summary for the Week Ending 8 am Monday, August 7, 2006

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										
Belvidere Bridge	DATA NOT AVAILABLE									
Canoe Brook	.18	20.18	-1.58	99	62	82	9	2249	536	62
Charlotteburg	.18	20.74	-1.20	94	61	79	8	1902	561	65
Flemington	.06	25.97	4.92	97	62	81	8	2145	386	64
Newton 3/	.48	21.22	1.05	95	60	78	6	1671	111	71
CENTRAL										
Freehold	.35	19.23	-1.21	98	61	82	8	2187	305	63
Long Branch	.23	19.30	-1.11	99	66	83	9	2106	303	34
New Brunswick	.20	20.14	-.33	98	63	82	8	2281	314	69
Toms River	DATA NOT AVAILABLE									
Trenton	.00	20.91	1.36	97	66	82	6	2322	269	36
SOUTH										
Cape May C.H.	DATA NOT AVAILABLE									
Downtown	DATA NOT AVAILABLE									
Glassboro	.00	17.56	-2.56	97	68	83	8	2474	436	36
Hammonton	DATA NOT AVAILABLE									
Pomona	.00	17.70	-.60	98	64	83	9	2275	373	27
Seabrook	DATA NOT AVAILABLE									
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.

Corn and Soybean Development Progresses

Days suitable for field work, the week ending Sunday, August 6 2006, were 6.5. Topsoil moisture was rated 40% short, and 60% adequate. Temperatures averaged above normal across most of the state, approaching 100 degrees at several locations midweek. There were measurable amounts of precipitation in most localities, in the central and northern districts, for the week. Agricultural producers continued harvesting. Spraying continued across the state. Growers irrigated in some localities. Harvest of sweet corn, tomatoes, cantaloupe, eggplant, peppers, potatoes, and cucumbers progressed. Planting of fall lettuce began. Some cracking on cantaloupes was reported in the northern district. A report from the central district noted diseases on pumpkins, such as bacterial wilt and mildews. There was a report from the southern district of some peppers showing sunburn. Mowing and baling of hay continued. In the central district, anthracnose was identified in timothy and orchard grass. Hay condition was rated mostly fair to good. Corn development varied across the state. In the southern district corn completed the dough stage. Corn, in the northern district, was still in the dough stage. Soybeans were setting pods around the state. Peach harvest began in the northern and central districts. Corn and soybean condition was rated mostly fair to excellent condition. Pasture was rated poor to good condition.

JERSEY FRESH AVAILABILITY FOR AUGUST 7, 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.

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

Blueberries – The late variety Elliott is finishing up for a couple of weeks in light volume.

Cabbage – Harvesting good quantities of very good quality product.

Cantaloupes & Watermelons – Fair quality and quantity of field-grown product. Some weather related quality problems.

Dill & Parsley – A fair volume of good quality spring planted product available.

Cucumbers – Harvesting a fair quantity and quality of Pickles (Kirby cucumbers) and Cukes. Some weather related quality problems.

Eggplant – Harvesting a good volume of excellent quality product.

Greens - Good quantities of good quality Collards, Kale, Kholrabi, Mustard, Dandelions, and Swiss Chard.

Leeks & Green Onions – Harvesting in good quality and quantity.

Nectarines – Though the summer Beaut, Sunglo, and Flavortop varieties are finishing up, the Red Gold and Fantasia varieties are beginning. Fruit quality, including size, is very good for all varieties.

Peaches – Yellow Bounty varieties and White Lady and Klondike white varieties are all being harvested in good volume. 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 – Temperature sensitive, a very light quantity of good quality product is available.

Squash – Harvesting good quantities of good quality Yellow and Zucchini. A fair to good volume of good quality acorn and spaghetti squash being harvested with Butternut starting later on this week.

Tomatoes – Harvesting a fair quantity of good quality product. Though recent rains had caused some quality problems, last week's high temperatures helped to dry things out and brought about some flavorful ripening. Low prices to farmers have caused some product to be left in the field.

Sweet Corn – Harvesting a good volume of good quality corn. Past the 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 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.