



NEW JERSEY WEEKLY 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

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
7 am EDT Tuesday, June 14, 2005

Rainfall amounts, none expected today and tonight, scattered totals of a quarter of an inch with some locally higher amounts possible Wednesday.

Winds for spraying, west around 10 mph today, light west tonight, west around 10 mph Wednesday.

Relative humidity in percent, 50 to 60 today, 90 to 100 tonight, 50 to 60 Wednesday.

Dew points, 70 to 75 through midday Wednesday then dropping later in the day.

Drying conditions, fair to good today, fair Wednesday but with locally poor areas in thundershowers.

Frost freeze or dew, light dew tonight, some dew as well as possible wetting in a shower Wednesday night.

Percent of possible sunshine, 50 today, 50 Wednesday.

There is a 10 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.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Wednesday night.

Hay cutting will see good drying today then a risk of scattered afternoon and evening showers and thundershowers Wednesday and Thursday.

Estimated soil moisture in percent of field capacity is now below 50 percent in some southern locations and therefore there will be an increasing need for irrigation.

Four inch soil temperatures are in the low 70s north and mid 70s central and south. Soil temperatures will hold steady over the next few days.

The latest 8 to 14 day outlook for the period June 21, 2005, through June 27, 2005, is calling for temperatures to average near normal and precipitation to total below normal.

Climate summary for the week ending 8 am June 13, 2005

Temperatures averaged much above normal, averaging 77 degrees north, 78 degrees central, and 77 degrees south. Extremes were 96 degrees at Canoe Brook on June 9, 2005, and 53 degrees at Freehold on June 8, 2005.

Weekly rainfall averaged 1.15 inches north, 0.63 inches central, and 0.35 inches south. The heaviest 24 hour total reported was 0.97 inches at Flemington on June 6, 2005, through June 7, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 79 percent north, 80 percent central, and 62 percent south.

Four inch soil temperatures averaged 74 degrees north, 74 degrees central, and 74 degrees south.

Weather Summary for the Week Ending 8 am Monday, June 13, 2005

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Last Week				1/		
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -			- Degrees -				- Base 50°F -			
NORTH										
Belvidere Bridge	1.04	11.09	-1.99	91	62	77	10	547	-1	68
Canoe Brook	1.27	11.79	-2.43	96	63	79	11	707	195	76
Charlotteburg	.93	14.25	.04	92	57	76	11	560	180	68
Flemington	1.71	14.82	1.30	93	63	78	10	634	100	86
Newton	.80	12.14	-.58	90	63	77	11	592	112	65
CENTRAL										
Freehold	.41	14.79	1.41	93	53	78	9	664	52	68
Long Branch	DATA NOT AVAILABLE									
New Brunswick	.40	12.46	-.67	94	64	79	10	680	27	76
Toms River	.26	13.82	.50	91	63	77	10	577	23	50
Trenton	1.43	12.07	-.07	93	66	79	8	682	-13	79
SOUTH										
Cape May C.H.	.24	12.39	.62	90	61	73	4	469	-151	46
Downstown	.17	11.50	-.54	94	65	78	8	620	-98	41
Glassboro	.50	13.08	.15	94	67	79	9	751	54	56
Hammonton	.24	11.83	-.76	94	65	78	8	658	-30	39
Pomona	.52	12.68	1.08	92	66	77	8	563	-62	51
Seabrook	.41	12.50	1.18	93	66	79	9	787	64	47
South Harrison	.52	13.11	.29	93	66	78	NA	715	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.

Field Work Activities Continue

Days suitable for field work, for the week ending Sunday, June 12, 2005, were 5.8. Topsoil moisture was rated 30% short and 70% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in some localities. Temperatures were above normal across most of the state. Agricultural producers continued field crop planting, fertilizing, herbicide and pesticide spraying, irrigating, tending greenhouses, and transplanting greenhouse crops. Planting of soybeans continued throughout the state; while field corn planting neared completion in some localities. Second cutting of hay began in some areas of the south. There was a report of ambrosia beetle damage to some nursery crops in the central district. Summer vegetable transplanting continued. There was harvest of leek, arugula, basil, green onions, mustard, parsley, radishes, cilantro, beets, collards, dill, kale, Boston lettuce, green and red leaf lettuce, endive, escarole, baby spinach, carrots, peas, asparagus, zucchini, and mint. Potatoes were in flower in the southern district. Field crops rated in fair to good condition across the state. Strawberry harvest neared completion in some fields in the southern district. Pasture condition was rated fair to good.

JERSEY FRESH AVAILABILITY FOR JUNE 13, 2005

Arugula & Spinach & Cilantro & Dill - Harvesting fair to good quality in decreasing volume with the increased temperatures.

Asparagus - Good quality being harvested in fair to decreasing volume as the season winds down and rising temperatures hasten the end.

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

Basil - Harvesting a fair quantity of good quality product.

Beets - Harvesting in good quantity and quality.

Blueberries - Minor quantities of early varieties like Weymouth starting this weekend. Much more widely planted Duke variety starting next week with volume available a week after that. A better than average crop is expected this year.

Cabbage - Harvesting light quantities of good quality product.

Collards - Harvesting a fair quantity of good quality product.

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

Escarole/Endive - Harvesting a fair quantity of good quality product.

Green Onions & Leeks - A bit of over-wintered product is still available. Transplanted product should be available later this week in minor quantities. Spring planted varieties due in July.

Lettuces - Harvesting Red and Green Leaf, Boston, and Romaine in good quantities and fair to good quality. The continued heat may begin to cause some quality issues.

Parsley - Spring planted harvesting in fair quantity and good quality.

Radishes - Being harvested in fair to decreasing volume and good quality.

Strawberries - Harvesting commercially available Chandler variety berries in decreasing quantity and quality with the hot weather. Matted row varieties are available in good volume in Central Jersey and should be starting to come into volume

by the end of the week in Northern areas. Our berries are picked when ripe and have more red interior color than white since they're physically more mature and ripe, with a large berry size and excellent taste.

Squash - Harvesting minor quantities of Yellow and Zucchini grown in tunnels. Field grown starting later this week with light quantities and good quality.

Turnips - Harvesting fair quantities of good quality product.

JERSEY FRESH FORECAST

Cantaloupes - Become available in early July. Volume available in mid-July.

Cucumbers - Should begin harvesting minor quantities of tunnel grown product this week. Field grown will become available next week. Begin harvesting Pickles (Kirby cucumbers) this week.

Eggplant - Planted a little bit later this year due to wet and cool Spring conditions, harvest will begin about mid-July. Volume increasing each week thereafter.

Nectarines - The early variety Eastern Glo is expected in late July with volume a week or so later.

Peaches - Harvest is a week later this year. Fruit size should be better than last year due to a lighter fruit set, aggressive thinning, and recent fruit growth. Yellow peaches will start with the Sentry variety around July 10. White peaches will start with the White Lady variety around August 1.

Peppers - Planted a little bit later this year due to wet and cool spring conditions, harvest will begin the second or third week of July. Volume increasing each week thereafter.

Sweet Corn - Harvest should begin the first week of July with minor quantities of good quality corn started under plastic. Field grown product starting the next week with volume expected by the third week of July. The peak of the season should be the end of July. Good wholesale availability until at least Labor Day. Quantity and quality varies after that due to fall insect pressures.

Tomatoes - Field grown begins the end of the month or early July with limited quantities and higher prices. Volume available a week or so later.