



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 Monday, June 20, 2005**

Rainfall amounts, none through Tuesday afternoon, one to two tenths with locally higher amounts possible Tuesday night into Wednesday morning.

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

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

Dew points, mostly 55 to 60 through Tuesday.

Drying conditions, good today and Tuesday with a chance of showers Tuesday night and early Wednesday.

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

Percent of possible sunshine, 50 today, 60 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.

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

Hay cutting will continue to see good drying through Tuesday but then with a chance of showers Tuesday night and early Wednesday and then a return to dry weather Wednesday afternoon and for several days.

Estimated soil moisture in percent of field capacity is in the 60s and 70s in the north but below 50 percent in most central and southern locations and therefore the need for irrigation continues to increase. Only modest amounts of rain are expected in shower activity for Tuesday night and therefore the need for irrigation is likely to remain high all week.

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 27, 2005, through July 3, 2005, is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am June 20, 2005

Temperatures averaged slightly above normal, averaging 71 degrees north, 72 degrees central, and 74 degrees south. Extremes were 95 degrees at Canoe Brook on June 15, 2005, and 49 degrees at Charlotteburg on June 20, 2005.

Weekly rainfall averaged 0.37 inches north, 0.07 inches central, and 0.10 inches south. The heaviest 24 hour total reported was 0.51 inches at Belvidere Bridge on June 16, 2005, through June 17, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 70 percent north, 54 percent central, and 32 percent south.

Four inch soil temperatures averaged 73 degrees north, 74 degrees central, and 75 degrees south.

Weather Summary for the Week Ending 8 am Monday, June 20, 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	.54	11.63	-2.33	92	54	71	2	697	22	67
Canoe Brook	.70	12.49	-2.62	95	56	72	3	862	221	75
Charlotteburg	.25	14.50	-.68	88	49	68	2	686	197	60
Flemington	.11	14.93	.53	91	52	72	3	786	120	72
Newton	.24	12.38	-1.26	90	52	70	3	735	180	60
CENTRAL										
Freehold	.21	15.00	.81	91	53	70	0	806	55	56
Long Branch	Data Not Available									
New Brunswick	.00	12.46	-1.42	94	54	72	1	836	40	62
Toms River	.07	13.89	-.22	93	51	72	3	734	54	27
Trenton	.01	12.08	-.81	93	56	73	1	846	1	45
SOUTH										
Cape May C.H.	.11	12.50	.00	90	55	72	2	626	-131	21
Downstown	.06	11.56	-1.21	92	53	72	0	777	-89	27
Glassboro	.33	13.41	-.36	94	59	75	3	927	82	40
Hammonton	.01	11.84	-1.56	94	54	74	2	826	-11	19
Pomona	.10	12.78	.53	93	55	74	4	733	-30	29
Seabrook	.00	12.50	.37	94	52	75	3	961	89	28
South Harrison	.33	13.44	-.27	92	55	73	NA	880	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.

Favorable Weather Conditions for Fieldwork

Days suitable for field work, for the week ending Sunday, June 19, 2005, were 6.7. Topsoil moisture was rated 7% very short, 29% short and 64% adequate. Irrigation water supply was rated 7% short and 93% adequate. There were measurable amounts of rainfall during the week in some localities. Temperatures were above normal the first half of the week, but were below normal by the end of the week 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. Barley harvest continued. Second cutting of hay continued in the south. Pumpkins, winter squash, and cantaloupe planting continued. Summer vegetable transplanting neared completion. Early planted eggplant and peppers were in flower. There was harvest of leek, arugula, basil, green onion, turnip, Swiss chard, parsley, radishes, cilantro, beets, collards, kale, kohlrabi, cabbage, Boston lettuce, green and red leaf lettuce, endive, escarole, carrots, peas, asparagus, dill, and mint. Potatoes passed bloom stage in the southern district. Field crops rated in fair to good condition across the state. Strawberry harvest began in areas of the north, while harvest neared completion in the central district. Cranberries were starting to size. Blueberry harvest began in the south. Pasture condition was rated fair to good.

JERSEY FRESH AVAILABILITY FOR JUNE 20, 2005

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

Asparagus - Good quality still being harvested in 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 to good quantity of good quality product.

Beets - Harvesting in good quantity and quality.

Blueberries - Early varieties like Weymouth being harvested in good quality and fair volume. The much more widely planted Duke variety starting by mid-week with volume available next week. 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.

Cucumbers - Field grown becoming available this week with light quantities of good quality product. Harvesting Pickles (Kirby cucumbers) in light quantity and good quality.

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

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

Green Onions & Leeks - Transplanted product now available in light quantities and good quality. Spring planted varieties due in July.

Lettuces - Harvesting Red and Green Leaf, Boston, and Romaine in fair to decreasing quantities and fair to good quality. The continued heat is hastening the end of the season and may cause some quality issues.

Parsley - Spring planted harvesting in good quantity and quality.

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

Strawberries - Harvesting berries in decreasing quantity and quality with the hot weather. Matted row varieties are still available in decreasing volume in Central Jersey and just past their peak of harvest in our 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 field grown Yellow and Zucchini in 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.

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.