



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
8 am EDT Monday, October 17, 2005**

Rainfall amounts, none through Tuesday.

Winds for spraying, northwest 10 to 20 mph today northwest 5 to 10 mph tonight, west 10 to 15 mph Tuesday.

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

Dew points, low 40s today, mid 40s tonight, upper 40s Tuesday.

Drying conditions, good today, good Tuesday.

Frost freeze or dew, moderate dew tonight and Tuesday night.

Percent of possible sunshine, 70 today, 50 Tuesday.

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 bogs could drop to 27 to 31 if winds subside tonight and 29 to 33 Tuesday night.

Late season hay cutting will see good conditions for most of the week with little threat of rain before Saturday.

The latest 8 to 14 day outlook for the period October 24, 2005, through October 30, 2005, is calling for temperatures to average near normal and precipitation to total below normal.

Climate summary for the week ending 8 am 10/17/05

Temperatures averaged much above normal, averaging 57 degrees north, 60 degrees central, and 62 degrees south. Extremes were 77 degrees at Hammonton on October 16, 2005, and 48 degrees at Freehold on October 17, 2005.

Weekly rainfall averaged 4.85 inches north, 7.17 inches central, and 3.10 inches south. The heaviest 24 hour total reported was 4.95 inches at Toms River on October 13, 2005 through October 14, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 99 percent north, 98 percent central, and 97 percent south.

Four inch soil temperatures averaged 65 degrees north, 66 degrees central, and 66 degrees south.

Weather Summary for the Week Ending 8 am Monday, October 17, 2005

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
- Inches -			- Degrees -				- Base 50°F -			
NORTH										
Belvidere Bridge	Data Not Available									
Canoe Brook	5.66	34.15	2.21	72	49	58	5	3515	801	98
Charlotteburg	5.05	38.33	5.84	69	49	56	6	3008	884	97
Flemington	4.29	36.75	6.32	73	50	59	6	3438	655	98
Newton	4.41	33.86	4.21	70	50	56	6	2961	585	97
CENTRAL										
Freehold	8.34	35.25	5.64	73	48	59	4	3485	487	96
Long Branch 3/	10.00	34.21	4.22	76	49	61	6	3490	547	93
New Brunswick	5.44	35.39	5.37	76	51	59	4	3644	513	97
Toms River	9.69	34.83	4.03	75	52	62	7	3433	495	92
Trenton	2.40	35.03	6.74	72	52	60	4	3704	439	93
SOUTH										
Cape May C.H.	1.88	28.95	2.35	75	55	63	4	3320	261	92
Downstown	3.68	27.45	-.33	74	52	61	4	3543	245	94
Hammonton	3.63	27.90	-1.31	77	53	63	8	3663	415	92
Pomona	4.55	26.80	.45	76	53	62	7	3573	556	91
Seabrook	1.75	30.43	3.49	75	50	62	5	3945	625	89
South Harrison	2.41	32.95	4.29	75	54	61	NA	3651	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.
3/ Some cumulative values estimated due to missing past data.

Heavy Rainfall Halts Fieldwork

Outdoor activities included picking apples, and harvesting fall vegetables, where conditions allowed. Days suitable for field work, for the week ending Sunday, October 16, 2005, were 0.5. Topsoil moisture was rated 5% adequate and 95% surplus. Rainfall ranged from 1.75 inch to 10.00 inch. Temperatures were above normal during the week. Corn and soybean harvest was delayed due to wet field conditions. Corn and soybean conditions were rated mostly fair to good. Sweetpotato harvest neared completion. Harvest of fall vegetables continued. Pumpkin and winter squash harvest neared completion in some localities. Some rot on pumpkins and winter squash was reported as a result of wet weather conditions. Vegetables were rated in mostly good condition. Apple harvest of late varieties continued. Apple crop condition was rated fair to good. Pasture was rated in fair to excellent condition, and need for supplemental feeding continued.

JERSEY FRESH AVAILABILITY FOR OCTOBER 17, 2005

Arugula & Cilantro - Harvesting good quality and quantity with the cooler temperatures.

Baby Arugula & Baby Spinach - Harvesting in good quality and volume.

Basil - Harvesting good quality in fair to declining quantity until frost.

Beets - Harvesting in good quantity and quality.

Broccoli - Harvesting good quantity and fair to good quality in Central Jersey.

Cabbage - Harvesting a fall crop in good quantity and quality.

Brussel Sprouts & Cauliflower - Harvesting good quantity and fair to good quality in Central Jersey.

Collards & Kale - Harvesting in good quantity and quality.

Cranberries - An average size crop with average size excellent quality berries. Our growers are now harvesting mature red berries in good volume. Although 90+ % of our cranberries are "wet harvested" and sold to the Ocean Spray Cooperative, we have high quality dry harvested berries available to meet the increasing consumer demand.

Cucumbers/Eggplant/Peppers/Squash/Sweet Corn & Tomatoes - Finishing up with questionable quality due to constant and excessive rain.

Dill - Harvesting in good quality and quantity with the cooler temperatures.

Escarole/Endive - Harvesting a good quality Fall crop in good volume.

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

Green Onions & Leeks - Spring planted varieties are available in good quality and quantity.

Lettuces - Harvesting good quality Boston, Red & Green Leaf, and Romaine in good quantity.

Parsley - Harvesting in good quantity and quality.

Pumpkins - Know your pumpkin grower! Growers that haven't been spraying all season will have problems and the pumpkins they are able to harvest won't have much shelf life. These are hard to source in state this year.

Spinach - Harvesting a good quantity of good quality product.

Sweet Potatoes - Harvesting good quantity and fair to good quality.

White Potatoes - Harvesting good quantity and fair to good quality.