



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, August 22, 2005

Rainfall amounts, none through Tuesday.

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

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

Dew points, mid to upper 50s through Tuesday.

Drying conditions, good today, good Tuesday.

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

Percent of possible sunshine, 70 today, 70 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.

Conditions do not appear favorable for the occurrence of cranberry scald today but could be favorable on Tuesday.

Hay cutting will see good drying conditions over the next few days with little chance of precipitation and cooler, drier weather.

Soil moisture remains variable across the state with irrigation needs remaining high in many areas especially in the south. Little precipitation expected over the next several days should increase this need.

Growing degree day totals base 50 since March first now range from over 2200 in the north to over 2700 in the south. Totals are still ahead of normal.

The latest 8 to 14 day outlook for the period August 29, 2005, through September 4, 2005, is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8am 8/22/05

Temperatures averaged much above normal, averaging 73 degrees north, 76 degrees central, and 76 degrees south. Extremes were 95 degrees at Canoe Brook on August 22, 2005, and 56 degrees at Andover on August 18, 2005.

Weekly rainfall averaged 0.27 inches north, 0.28 inches central, and 0.69 inches south. The heaviest 24 hour total reported was 0.81 inches at Cape May Court House on August 17, 2005 through August 18, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 73 percent north, 62 percent central, and 55 percent south.

Four inch soil temperatures averaged 75 degrees north, 77 degrees central, and 77 degrees south.

Weather Summary for the Week Ending 8 am Monday, August 22, 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	.59	19.08	-5.05	95	60	75	5	2586	550	70
Charlotteburg				Data Not Available						
Flemington	.07	24.22	.95	91	58	74	3	2432	343	70
Newton	.15	18.39	-4.09	89	56	72	4	2278	427	66
CENTRAL										
Freehold	.13	23.25	.57	93	61	74	3	2447	222	58
Long Branch	.05	22.32	-.57	94	65	77	5	2427	280	38
New Brunswick	.48	23.47	.63	94	60	76	3	2559	244	70
Toms River	.20	23.68	.25	93	62	76	5	2394	265	36
Trenton	.52	24.16	2.44	91	68	77	4	2602	183	62
SOUTH										
Cape May C.H.	1.13	22.72	2.49	90	65	76	2	2211	113	50
Downstown	1.10	18.98	-2.42	91	63	75	2	2470	46	57
Glassboro	.33	20.73	-1.63	91	65	76	3	2737	335	47
Hammonton	.88	21.64	-.74	94	63	77	4	2543	138	51
Pomona	.30	20.49	-.10	94	63	77	6	2450	207	32
Seabrook	.38	22.12	1.61	91	64	76	3	2756	319	49
South Harrison	.54	23.49	1.30	92	65	76	NA	2513	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.

Scattered Showers Reduced Heat Stress

Outdoor activities included cutting and baling hay, spraying, irrigating, picking peaches, harvesting vegetables and planting fall vegetables. Days suitable for field work, for the week ending Sunday, August 21, 2005, were 6.3. Topsoil moisture was rated 10% very short, 75% short and 15% adequate. Irrigation water supply was rated 40% short and 60% adequate. There were measurable amounts of rainfall across the state, with over an inch of rain reported in Cape May and Downstown weather stations. Temperatures were above normal during the week. Third cutting of hay continued. Harvest of cantaloupe, eggplant, snap beans, lima beans, cucumbers, pepper, squash, sweet corn, and tomatoes continued in the state. Downy mildew was reported in some pumpkin fields in the northern and southern districts. In the northern district, bacterial canker was reported in some tomato fields. Potato harvest continued. Vegetables rated in mostly good condition. Apple harvest continued in light volume. Peach harvest continued across the state and was rated in good to excellent condition. Pasture was rated in mostly fair condition.

JERSEY FRESH AVAILABILITY FOR AUGUST 22, 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.

Cabbage - Harvesting in good quantity and quality.

Cantaloupes - Harvesting good quality product in fair to decreasing quantity. Should be finishing up by the end of the month.

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 - Harvesting Dill in fair to good quality and light quantity with the increased temperatures.

Eggplant - Harvesting Italian and Asian varieties in good quantity and quality.

Escarole/Endive - Harvesting a light volume of fair to good quality product though the fall crop should be ready to begin harvesting by mid-September.

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.

Nectarines - Though the Sunglo and Flavortop varieties are finishing up, the Red Gold and Fantasia varieties are being harvested in light to increasing quantities with volume next week. Good size, flavor, and finish are expected.

Okra - Harvesting in good quality and quantity. Available until mid-September.

Parsley - Harvesting in good quantity and quality.

Peaches - Loring and Bounty variety peaches are being harvested in good volume with Cresthaven varieties starting

next week. The white varieties Blushing Star and Sugar Giant varieties are being harvested in good volume with the Lady Nancy variety also coming into volume by the end of the week. Fruit quality and flavor are all very good. Fruit size is excellent this year due to a lighter fruit set, aggressive thinning, and recent fruit growth. We'll have a volume of good quality peaches until mid-September.

Peppers - Harvesting in good quantity and quality. We also have an excellent assortment of great quality hot peppers available. It's been a very good growing season for hot peppers.

Squash - Harvesting good quality Yellow and Zucchini in good quantities. Also harvesting a fair volume of good quality Acorn, Butternut, & Spaghetti squashes.

Sweet Corn - Harvesting in good quantity and quality. Good wholesale availability until at least the week after Labor Day. Quantity and quality varies after that due to Fall insect pressures.

Tomatoes & Plum Tomatoes - Harvesting both in good quantity and quality.

White Potatoes - Harvesting a good 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.

JERSEY FRESH FORECAST

Broccoli - Should begin harvesting around the third week of September in Central Jersey.

Brussel Sprouts - Should begin harvesting in Central Jersey by the second week of October.

Cauliflower - Should begin harvesting by the beginning of October in Central Jersey.

Cranberries - The main harvest of fresh market dry harvested berries should begin the first week of October.

Escarole/Endive - Growers expecting the fall harvest to be ready by the third week of September.

Lettuces & Spinach - Growers expecting a mid-September harvest.

Sweet Potatoes - Should begin harvesting in mid-September.