



Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 am EDT Monday, August 21, 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 none through Tuesday.

Winds for spraying, northwest 10 to 15 mph today, north 5 mph tonight, light, and variable Tuesday.

Relative humidity in percent, 30 to 40 today, 90 to 100 tonight, 30 to 40 Tuesday.

Dew points, mid to upper 50s today and remaining there tonight and Tuesday.

Drying conditions, fair today, good Monday.

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

Percent of possible sunshine, 90 today, 70 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 rainfree period after application.

Conditions for cranberry scald may be favorable today and Tuesday.

Hay cutting will see very good conditions with modest humidity levels and little threat of widespread rainfall for most of the week.

Estimated soil moisture in percent of field capacity is well below 50 percent in most locations especially in the central and south. The need for irrigation will remain high with little precipitation expected for most of the week.

The latest 8 to 14 day outlook for the period August 28, 2006 through September 3, 2006 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8am 8/21/06

Temperatures averaged much above normal, averaging 73 degrees north, 75 degrees central, and 77 degrees south. Extremes were near 94 degrees at Hammonton and Pomona on August 21, 2006, and 52 degrees at Andover on August 15 2006.

Weekly rainfall averaged 0.55 inches north, 0.05 inches central, and 0.00 inches south. The heaviest 24 hour total reported was 1.14 inches at Andover on August 15, 2006 to August 16, 2006.

Estimated soil moisture, in percent of field capacity, this past week averaged 82 percent north, 60 percent central, and 44 percent south. Four inch soil temperatures averaged 70 degrees north, 72 degrees central, and 73 degrees south.

Weather Summary for the Week Ending 8 am Monday, August 21, 2006

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 -		- Percent -	
NORTH										
Belvidere Bridge	DATA NOT AVAILABLE									
Canoe Brook	.34	20.81	-3.17	90	59	75	5	2574	558	72
Charlotteburg	.45	21.33	-2.87	85	56	72	5	2185	592	67
Flemington	.16	26.89	3.76	88	57	73	2	2452	384	77
Newton 3/	1.24	22.77	.44	86	52	71	3	1949	116	86
CENTRAL										
Freehold	.00	20.20	-2.33	91	59	75	3	2511	307	66
Long Branch	.21	20.18	-2.54	91	60	73	1	2430	305	55
New Brunswick	.03	20.17	-2.51	91	61	76	3	2617	325	65
Toms River	.00	16.86	-6.41	91	56	74	3	2520	412	35
Trenton	.03	21.33	-.24	90	58	76	3	2664	268	38
SOUTH										
Cape May C.H.	.00	13.19	-6.90	90	63	76	2	2560	486	37
Downtown	.00	16.90	-4.35	89	59	75	2	2420	19	39
Glassboro	.02	17.58	-4.63	90	66	78	5	2845	466	35
Hammonton	.00	16.12	-6.11	94	60	76	3	2749	367	31
Pomona	.00	17.70	-2.73	94	60	76	4	2624	402	31
Seabrook	.00	23.69	3.32	93	63	79	6	3021	607	36
South Harrison	.00	21.69	.91	90	63	77	NA	2799	NA	NA

*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.

Field Corn Maturing

Days suitable for field work, the week ending Sunday, August 20, 2006, were 6.5. Topsoil moisture was rated 10% very short, 70% short, and 20% adequate. Temperatures averaged much above normal across most of the state. There were measurable amounts of precipitation in the northern and central districts for the week. Agricultural producers continued harvesting. Spraying continued across the state. Growers irrigated in some central and southern localities. Harvest of sweet corn, tomatoes, cantaloupe, eggplant, peppers, potatoes, and cucumbers progressed. Planting of fall lettuce continued. In the central district, heat scald was reported on the skins of tomato, pepper and other vegetables, along with foliar wilting of several field crops, due to the intense heat. Mowing and baling of hay continued. Hay condition was rated mostly fair to good. A southern reporter cited some rottage of the potato crop. Corn and soybean development progressed across the state. Some field corn reached maturity in the south. Corn and soybean condition was rated mostly fair to good condition. Pasture was rated very poor to good condition.

JERSEY FRESH AVAILABILITY FOR AUGUST 21, 2006

ARUGULA & CILANTRO – A FAIR TO GOOD QUALITY AND QUANTITY OF PRODUCTS ARE BEING HARVESTED.

BABY ARUGULA & BABY SPINACH - HARVESTING IN GOOD QUALITY AND VOLUME.

BASIL – HARVESTING GOOD QUANTITIES OF VERY GOOD QUALITY PRODUCT.

BEETS – A GOOD VOLUME OF GOOD QUALITY PRODUCT IS AVAILABLE.

CABBAGE – HARVESTING GOOD QUANTITIES OF VERY GOOD QUALITY PRODUCT.

DILL & PARSLEY – A FAIR VOLUME OF GOOD QUALITY PRODUCT AVAILABLE.

CUCUMBERS – HARVESTING A FAIR QUANTITY AND QUALITY OF CUKES. WILL BEGIN PICKLES (KIRBY CUCUMBERS) AGAIN NEXT MONTH WITH THE COOLER TEMPERATURES.

EGGPLANT – HARVESTING A FAIR TO GOOD VOLUME OF VERY GOOD QUALITY PRODUCT.

GREENS - GOOD QUANTITIES OF GOOD QUALITY COLLARDS, KALE, KHOLRABI, MUSTARD, DANDELIONS, AND SWISS CHARD.

LEEK & GREEN ONIONS – HARVESTING IN GOOD QUALITY AND FAIR QUANTITY.

NECTARINES – THE FANTASIA VARIETY IS BEING HARVESTED IN GOOD VOLUME. FRUIT QUALITY, INCLUDING SIZE, IS VERY GOOD FOR ALL VARIETIES. SHOULD HAVE DECENT VOLUME UNTIL THE FIRST WEEK OF SEPTEMBER.

PEACHES – GROWERS ARE EXPERIENCING A LITTLE BIT OF A SUPPLY “VARIETAL GAP” AT THE MOMENT AS YELLOW BOUNTY VARIETIES ARE FINISHING UP AND CRESTHAVEN VARIETIES ARE NOT YET IN MUCH VOLUME. LADY NANCY IS THE PREDOMINANT WHITE PEACH VARIETY BEING HARVESTED IN GOOD VOLUME BUT YOU’LL ALSO SEE SOME BLUSHING STAR AND SUGAR GIANT VARIETIES AVAILABLE. FRUIT QUALITY, INCLUDING SIZE AND COLOR, IS VERY GOOD FOR ALL VARIETIES. WE’LL HAVE A DECENT VOLUME OF GOOD QUALITY PEACHES UNTIL MID-SEPTEMBER.

PEPPERS – HARVESTING A GOOD VOLUME OF EXCELLENT QUALITY PRODUCT.

SQUASH – HARVESTING GOOD QUANTITIES OF GOOD QUALITY YELLOW, ZUCCHINI, ACORN AND SPAGHETTI SQUASH. BUTTERNUT INCREASING TO FAIR VOLUME.

TOMATOES – HARVESTING A GOOD QUANTITY AND QUALITY OF PRODUCT.

SWEET CORN – HARVESTING A GOOD VOLUME OF GOOD QUALITY CORN. GOOD WHOLESALE AVAILABILITY UNTIL AT LEAST THE WEEK AFTER LABOR DAY.

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.

JERSEY FRESH FORECAST

BROCCOLI – SHOULD BEGIN HARVESTING AROUND THE THIRD WEEK OF SEPTEMBER IN CENTRAL JERSEY.

CRANBERRIES – THE MAIN HARVEST OF FRESH MARKET DRY HARVESTED BERRIES SHOULD BEGIN IN EARLY OCTOBER THOUGH THE INCREASING DEMAND FOR WHITE CRANBERRIES WILL SEE SOME BERRIES BEGINNING TO BE HARVESTED ABOUT THE THIRD WEEK OF SEPTEMBER.

ESCAROLE/ENDIVE - GROWERS EXPECTING THE FALL HARVEST TO BE READY EARLY, IN ABOUT TWO WEEKS. IT WILL TAKE A WEEK OR MORE FOR VOLUME.

LETTUCES & SPINACH – THE EXTREME HEAT OF LAST MONTH HAS CAUSED MANY GROWERS TO HAVE TO REPLANT THIS ACREAGE. AS A RESULT, GROWERS ARE EXPECTING A LATER HARVEST THIS FALL, ABOUT THE THIRD WEEK OF SEPTEMBER.

RADISHES & TURNIPS – THESE TEMPERATURE SENSITIVE VEGETABLES WILL BEGIN HARVESTING AGAIN NEXT MONTH.

SWEET POTATOES – SHOULD BEGIN HARVESTING IN MID-SEPTEMBER.