



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
Direct Sales Daily

RUTGERS WEEKLY FORECAST

*Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
7 am est Monday July 1, 2002*

Rainfall amounts...little expected through midday Tuesday then scattered totals of one to two tenths of an inch Tuesday afternoon.

Winds for spraying...southwest 5 to 10 mph today...light south wind tonight...west around 10 mph Tuesday.

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

Dew points...mid 60s today...upper 60s tonight...low 70s Tuesday.

Drying conditions...good today...good Tuesday.

Frost freeze or dew...light dew tonight and again Tuesday night.

Percent of possible sunshine...80 today...80 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 rainfree period after application.

Hay cutting will remain fairly good for the next few days but with the risk of scattered wetting in afternoon thundershower activity Tuesday through Thursday.

Estimated soil moisture in percent of field capacity will continue to decrease over much of the region with only scattered relief Tuesday and Wednesday afternoons.

The latest 6 to 10 day outlook for the period July 6, 2002 to July 10, 2002 is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8am 7/1/02

Temperatures averaged much above normal. Extremes were 95 degrees at Atlantic City Marina on the 25th and 56 degrees at Charlotteburg on June 30, 2002.

Weekly rainfall averaged 1.14 inches north, 0.40 inches central, and 0.45 inches south. The heaviest 24 hour total reported was 1.50 inches at Long Valley on the June 27, 2002 to June 28, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 71 percent north, 57 percent central and 41 percent south.

Four inch soil temperatures averaged 74 degrees north, 76 degrees central and 77 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 7/01/02

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week				Total	Dept.*	
		Total	Dept.*	Max.	Min.	Avg.	Dept.*			
- Inches -			- Degrees -				- Base 50°F -			
NORTH										
Belvidere Bridge	1.23	17.58	2.19	92	59	77	7	1074	184	71
Canoe Brook	1.04	19.36	2.85	95	60	79	8	1163	303	71
Charlotteburg	.72	18.67	1.95	92	56	75	7	880	205	59
Flemington	1.51	20.11	4.32	93	60	77	6	1120	229	85
Long Valley	1.59	17.60	.71	86	60	74	5	852	114	85
Newton	.67	16.55	1.47	89	58	75	6	989	233	62
CENTRAL										
Freehold	.08	15.22	-.26	94	63	79	7	1243	258	52
Long Branch	.33	16.94	1.43	92	64	77	5	1098	184	36
New Brunswick	.61	16.46	1.35	93	61	78	4	1178	130	69
Pemberton				DATA NOT AVAILABLE						
Toms River				DATA NOT AVAILABLE						
Trenton	.59	16.93	2.83	93	63	78.	4	1192	95	53
SOUTH										
A.C. Marina	.28	16.27	3.52	95	66	79	8	1251	324	24
Cape May C.H.				DATA NOT AVAILABLE						
Downstown				DATA NOT AVAILABLE						
Glassboro	.68	14.85	-.25	94	66	80	7	1382	289	51
Hammonton				DATA NOT AVAILABLE						
Pomona	.39	17.53	4.20	94	62	79	7	1236	239	35
Seabrook	.45	18.31	4.88	95	67	81	8	1441	320	38
South Harrison				DATA NOT AVAILABLE						

*Departure from normal.

1/ Growing degree days since March 1, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Temperatures averaged above normal as hot and humid weather settled across the region last week. Clear skies and dry weather allowed farmers to make good progress harvesting small grains and summer vegetables. Widely scattered afternoon and evening thunderstorms brought some relief from the heat toward the end of the week. Outdoor activities included cutting and baling hay, combining wheat, scouting for pests and spraying. Days suitable for field work averaged 5.7. Top soil moisture was rated 25% short, 72% adequate, and 3% surplus. Range and pasture condition was rated 1% fair, 93% good, and 6% excellent. Corn emerged 95%. Corn condition was rated 4% fair and 96% good. Soybeans planted 90% complete. Soybeans emerged 77%. Soybean condition was rated 2% fair and 98% good. Dry weather allowed hay producers to make good progress on their second cutting. Livestock producers reported a slight decrease in milk and egg production due to the hot and humid weather. Vegetable producers continued harvesting cucumbers, cabbage, snap beans, parsley, and cilantro. Good yields were reported for sweet corn in many localities. Producers also began harvesting fresh market tomatoes in some areas. Summer potatoes were rated in mostly good condition, with harvest expected to begin in the next few weeks. Producers also made good progress planting pumpkins, eggplant, peppers, and cantaloupe. Blueberry harvest was well underway in most areas, with crop condition rated as mostly good. Cranberries and grapes were also rated in mostly good condition by producers.

SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
VERY SHORT	0%	0%	0%
SHORT	25%	11%	5%
ADEQUATE	72%	84%	74%
SURPLUS	3%	5%	21%

RANGE AND PASTURE

	CURRENT	PREVIOUS WEEK	PREVIOUS YEAR
VERY POOR	0%	0%	3%
POOR	0%	0%	5%
FAIR	1%	2%	9%
GOOD	93%	95%	83%
EXCELLENT	6%	3%	0%

JERSEY FRESH AVAILABILITY FOR JULY 1, 2002

Blueberries – Mainly harvesting Duke now. Bluecrop variety beginning with volume by next week. Quality has been excellent.

Cabbage – Green, Red, and Savoy available in quantity and quality. Volume beginning to lessen with the hotter weather.

Collards & Escarole/Endive – Good quality and decreasing quantity available now. Expect hot weather to cause lighter quantities to be available in mid-Summer. Still being planted by growers though so will be available throughout the Summer.

Cucumbers - Good quality and large quantity available.

Green Beans – Began to harvest last week. Quality and quantity expected this week.

Herbs – Heavy quantity and excellent quality available now and for another week or so for Cilantro, Dill, Mint, Parsley, Arugula, and Baby Arugula. Although Basil and Mint like the hot weather, hot weather stretches will cause some mid-Summer light availability of other herbs. Expect most herbs other than Arugula to be available all Summer.

Leeks - Good quality and quantity of Southern transplants being dug now so the normal short in availability from mid-June until mid-July will not occur this year. Spring planted varieties due in mid-July. Getting ready to plant for Fall now.

Pickles (Kirby cucumbers) – Good quality and large quantity available.

Sweet Corn – Harvest began with minor volume of early varieties last week in South Jersey. Quality and some quantity of early varieties (6 ½" size), mainly for roadside market business, expected this week. Quantity for supermarket buyers (8" size) available next week. Peak of season should be around July 20th. Good wholesale availability until at least the week after Labor Day.

Yellow Squash – Good quality and large quantity available. We need to move product now.

Zucchini - Good quality and large quantity available.

JERSEY FRESH FORECAST

Tomatoes – Field grown began last week with limited quantities and higher prices. Volume available in mid-July.

Cantaloupes – Begin to become available next week. Volume available in two weeks.

Peppers and Eggplant – Harvest beginning this week. Volume available in another week to ten days.

Yellow Peaches - Sentry variety harvest beginning this week with excellent quality and good size and color. Will be available in quantity in another week. Red Haven and John Boy varieties showing good color and expected to be available in volume by third week of July.

White Peaches - Early varieties become available about the 20th of July with White Lady. Quality looks very good with excellent color. Blushing Star and Sugar Giant varieties should be available by mid-August followed a few days later by Lady Nancy. Snow Giant follows a few days later about the third week of August. Newer white varieties have better handling and shelf life characteristics than older varieties. Their lower acids create a different flavor profile and increasing demand from consumers have caused growers to increase plantings and volume produced by 10% a year for the last several years.

Nectarines - Early varieties such as Eastern Glo, and then Summer Beaut, beginning in mid-July, around the 15th. Mid-August is the heaviest volume time with great quantities of Red Gold and Fantasia varieties available then. Available through the end of August.

**Provided by the New Jersey State Department of Agriculture.*