



# 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 June 17, 2002*

*Rainfall amounts...scattered totals of a tenth of an inch but with some local higher amounts this afternoon and again Tuesday afternoon.*

*Winds for spraying...west 10 to 15 mph today...light west tonight...southwest 5 to 10 mph Tuesday.*

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

*Dew points...low to mid 50s today...mid 50s tonight...upper 50s Tuesday.*

*Drying conditions...fair to good today and again Tuesday.*

*Frost freeze or dew...moderate dew tonight and again Tuesday night.*

*Percent of possible sunshine...70 today...80 Tuesday.*

*There is a 40 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 see improved conditions for the next several days but there is still a chance of scattered wetting in showers and thundershowers this afternoon and again Tuesday afternoon.*

*Growing degree day totals base 50 since march first now range from around 600 in the north to over 1000 in the south. Totals are running ahead of normal.*

*Estimated soil moisture in percent of field capacity is generally above 90 percent across the entire region with the exception of extreme southern new jersey where totals are around 80 percent.*

*The latest 6 to 10 day outlook for the period June 22, 2002 to June 26, 2002 is calling for temperatures to average above normal and precipitation to total near normal.*

**Climate summary for the week ending 8am 6/17/02**

Temperatures averaged below normal. Extremes were 91 degrees at several locations on June 13, 2002 and 48 degrees at charlotteburg on June 17, 2002.

Weekly rainfall averaged 1.25 inches north, 1.61 inches central, and 1.94 inches south. The heaviest 24 hour total reported was 1.44 inches at Seabrook on June 13, 2002 to June 14, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 90 percent north, 92 percent central and 86 percent south.

Four inch soil temperatures averaged 67 degrees north, 68 degrees central and 69 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 6/17/02**

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 -			
<b>NORTH</b>										
Belvidere Bridge	1.02	16.08	2.51	89	53	67	-1	749	129	88
Canoe Brook	1.38	18.05	3.32	91	52	67	-1	813	229	100
Charlotteburg	1.39	17.94	3.18	89	48	63	-3	581	140	98
Flemington	1.55	17.59	3.57	89	52	66	-3	788	179	96
Long Valley	.93	15.89	.84	84	52	62	-4	571	79	92
Newton	1.21	15.76	2.51	89	51	65	-2	675	171	96
<b>CENTRAL</b>										
Freehold	1.43	14.97	1.12	90	55	67	-3	890	199	95
Long Branch	1.52	16.57	2.54	90	54	66	-3	773	144	90
New Brunswick	1.35	15.58	2.02	90	53	67	-4	838	105	96
Pemberton	DATA NOT AVAILABLE									
Toms River	1.98	16.41	2.64	91	54	68	0	902	277	93
Trenton	1.78	15.74	3.18	90	53	68	-3	858	79	90
<b>SOUTH</b>										
A.C. Marina	3.14	15.99	4.62	88	59	68	-1	899	253	87
Cape May C.H.	.87	15.81	3.62	91	56	70	0	999	302	81
Downstown	2.23	15.56	3.11	90	55	69	-2	936	135	90
Glassboro	1.46	13.66	.25	91	57	69	-2	1013	232	94
Hammonton	1.30	13.60	.55	90	55	68	-3	947	175	94
Pomona	2.52	17.08	5.11	90	56	69	-1	911	208	90
Seabrook	2.09	17.70	5.92	91	59	71	0	1071	264	88
South Harrison	2.14	15.52	2.19	89	58	70	N/A	1001	N/A	N/A

\*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

Days suitable for field work averaged 4.0. Top soil moisture was rated 67% adequate and 33% surplus. Range and pasture condition was rated 4% fair, 92% good and 4% excellent. Corn planted 97%. Corn emerged 89%. Corn condition was rated 6% fair and 94% good. Soybeans planted 77%. Soybeans emerged 62%. Soybean condition was rated 4% fair and 96% good. Activities included cutting and baling straw, cultivating, fertilizing, and planting summer vegetables. Vegetable producers planted pumpkins, eggplant, peppers, cucumbers and tomatoes as weather permitted. Producers began harvesting snap beans in some localities. Spinach and pea harvest was nearing completion in most areas. Orchard producers thinned fruit and sprayed as weather permitted. Apples and peaches were rated in mostly fair to good condition by producers. Blueberries were rated in mostly good condition with harvest beginning in some areas. Cranberries were reported in bloom stage by producers.

### SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
<b>VERY SHORT</b>	0%	0%	0%
<b>SHORT</b>	0%	25%	13%
<b>ADEQUATE</b>	67%	37%	74%
<b>SURPLUS</b>	33%	38%	13%

### RANGE AND PASTURE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
<b>VERY POOR</b>	0%	0%	0%
<b>POOR</b>	0%	0%	3%
<b>FAIR</b>	4%	14%	25%
<b>GOOD</b>	92%	79%	68%
<b>EXCELLENT</b>	4%	7%	4%