



# 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 3, 2002*

*Rainfall amounts..none through tonight...tenth of an inch but with locally higher amounts possible Tuesday.*

*Winds for spraying...north 5 to 10 mph today...light and variable tonight...southeast around 10 mph Tuesday.*

*Relative humidity in percent...35 to 45 today...90 to 100 tonight...50 to 60 Tuesday.*

*Dew points...mid 40s today...low 50s tonight...mid 50s Tuesday.*

*Drying conditions...good today...fair at best Tuesday.*

*Frost freeze or dew...light dew tonight...no dew Tuesday night but wetting in showers is possible.*

*Percent of possible sunshine...90 today...30 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.*

*Hay cutting will remain good today but then with a risk of wetting in scattered showers for Tuesday through Thursday.*

*Estimated soils moisture in percent of field capacity is now below 50 percent over most of the south. Only scattered and light amounts of precipitation are expected over the next few days and therefore the need for irrigation will become more widespread.*

*Temperatures in the representative cranberry bogs should remain above freezing tonight and Tuesday night.*

*Growing degree day totals base 50 since March 1<sup>st</sup> now range from around 400 in the north to nearly 800 in the south. Totals continue to average ahead of normal.*

*The latest 6 to 10 day outlook for the period June 8th to 12th is calling for temperatures to average below normal and precipitation to total above normal.*

**Climate summary for the week ending 8am 6/3/02**

Temperatures averaged much above normal. Extremes were 89 degrees at Seabrook on June 1, 2002, and 44 degrees at Long Valley and Charlotteburg on June 3, 2002.

Weekly rainfall averaged 0.66 inches north, 0.56 inches central, and 0.15 inches south. The heaviest 24 hour total reported rainfall was 0.82 inches at Newton and Freehold May 31, 2002 thru June 1, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 71 percent north, 61 percent central, and 36 percent south.

Four inch soil temperatures averaged 66 degrees north, 67 degrees central, and 68 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 6/3/02**

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees - - Base 50°F -										
<b>NORTH</b>										
Belvidere Bridge	.62	12.62	.85	88	48	70	5	510	133	68
Canoe Brook	.53	14.62	1.66	88	47	71	6	572	222	71
Charlotteburg	.50	13.83	1.02	85	44	66	4	390	144	64
Flemington	.31	13.98	1.71	86	47	70	5	554	186	65
Long Valley	.80	12.96	-.26	80	44	66	3	395	109	76
Newton	1.21	12.64	1.23	86	48	70	7	464	173	79
<b>CENTRAL</b>										
Freehold	.82	11.62	-.61	87	51	70	4	645	210	73
Long Branch	.59	12.80	.23	87	55	68	3	555	170	56
New Brunswick	.45	12.53	.49	87	51	71	4	596	129	72
Pemberton	DATA NOT AVAILABLE									
Toms River	.44	12.80	.62	88	57	71	7	665	263	51
Trenton	.50	12.27	1.20	86	58	71	3	610	97	55
<b>SOUTH</b>										
A.C. Marina	.04	11.05	1.02	86	60	72	7	662	253	23
Cape May C.H.	.00	12.96	2.24	87	57	72	6	732	275	16
Downstown	.23	10.76	-.23	88	55	72	4	681	154	39
Glassboro	.16	11.12	-.61	88	60	73	6	741	234	40
Hammonton	.33	10.58	-.84	87	54	72	5	695	196	34
Pomona	.05	12.46	1.88	87	58	71	5	671	239	30
Seabrook	.27	12.76	2.60	89	57	74	6	779	247	40
South Harrison	.41	11.37	-.19	88	58	73	N/A	732	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 6.0. Top soil moisture was rated 58% short, 41% adequate and 1% surplus. Range and pasture condition was rated 90% good and 10% excellent. Small grains were rated in mostly good condition. Barley producers reported fields were ready for harvest in some areas. Corn planted 91%. Corn emerged 81%. Corn condition was rated 14% fair and 86% good. Soybeans planted 59%. Soybeans emerged 47%. Clear skies allowed producers to make good progress on the first cutting of alfalfa and other hay. Other activities included spraying, fertilizing, and cutting straw. Fair weather allowed vegetable producers to make good progress harvesting romaine lettuce, spinach, cabbage, beets, leeks, and peas. Producers also continued planting sweet potatoes, eggplant, and broccoli in some areas. Orchard producers thinned fruit and scouted trees for pests. Apples and peaches were rated in mostly fair to good condition. Some apple producers reported uneven pollination due to erratic weather during bloom stage. Blueberries were rated in mostly good condition. Strawberries were also rated in mostly good condition, with harvest winding down in some areas.

**SOIL MOISTURE TABLE**

	<b>THIS WEEK</b>	<b>LAST WEEK</b>	<b>PREVIOUS YEAR</b>
<b>VERY SHORT</b>	0%	0%	0%
<b>SHORT</b>	58%	0%	4%
<b>ADEQUATE</b>	41%	96%	66%
<b>SURPLUS</b>	1%	4%	30%

**RANGE AND PASTURE**

	<b>THIS WEEK</b>	<b>LAST WEEK</b>	<b>PREVIOUS YEAR</b>
<b>VERY POOR</b>	0%	0%	0%
<b>POOR</b>	0%	0%	0%
<b>FAIR</b>	0%	40%	15%
<b>GOOD</b>	90%	54%	80%
<b>EXCELLENT</b>	10%	6%	5%

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

**NEW JERSEY**  
**AGRICULTURAL STATISTICS SERVICE**  
Rm. 205 Health and Agriculture Bld.,  
P. O. Box 330  
Trenton, NJ 08625

**PRESORTED**  
**FIRST CLASS MAIL**  
**POSTAGE & FEES PAID**  
**USDA, TRENTON, NJ**  
**PERMIT NO. G-38**

