



# 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, May 6, 2002*

*Rainfall amounts...none today...tenth of an inch possible tonight...one to two tenths of an inch with locally higher amounts possible Tuesday.*

*Winds for spraying...light south wind this morning becoming 10 to 15 mph by this afternoon...south 10 to 15 mph early tonight then light later...southwest 5 to 10 mph Tuesday.*

*Relative humidity in percent...40 to 50 today...90 to 100 tonight...50 to 60 Tuesday.*

*Dew points...low 50s today...mid 50s tonight...near 60 Tuesday.*

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

*Frost freeze or dew...little expected tonight and Tuesday night but wetting in a shower is possible both nights.*

*Percent of possible sunshine...90 today...40 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.*

*Four inch soil temperatures are generally in the mid 50s north, upper 50s central, and low 60s south. Soil temperatures will continue to increase over the next few of days.*

*Hay cutting will see good drying conditions today but then scattered wetting possible for each of the next several days with no extended drying period expected for most of the week.*

*Temperatures in the representative cranberry bogs should remain above freezing for the next several nights.*

*The latest 6 to 10 day outlook for the period May 11th to May 15th is calling for temperatures to average above normal and precipitation to total near normal.*

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 5/6/02**

Temperatures averaged below normal. Extremes were 78 degrees at Glassboro on May 3, 2002 and 31 degrees at Charlotteburg on May 1, 2002.

Weekly rainfall averaged 0.77 inches north, 0.76 inches central, and 0.88 inches south. The heaviest 24 hour total reported was 1.58 inches at Cape May Courthouse on May 2, 2002 to May 3, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 99 percent north, 98 percent central, and 96 percent south.

Four inch soil temperatures averaged 50 degrees north, 54 degrees central, and 57 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 5/6/02**

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	.47	9.47	.98	73	36	51	-6	208	138	95
Canoe Brook	.77	9.58	.23	73	35	51	-5	245	188	96
Charlotteburg	.53	9.83	.63	73	31	49	-5	173	151	95
Flemington	1.09	9.25	.32	73	32	51	-5	240	177	97
Long Valley	.90	9.08	-.47	68	32	47	-8	168	132	96
Newton	.86	7.83	-.37	72	33	49	-6	192	157	96
<b>CENTRAL</b>										
Freehold	.70	7.55	-1.31	70	36	54	-4	313	220	95
Long Branch	.59	9.29	.13	67	37	53	-4	244	170	92
New Brunswick	1.07	8.23	-.33	73	34	53	-5	270	158	96
Pemberton	DATA NOT AVAILABLE									
Toms River	.69	9.51	.58	76	35	56	-1	323	243	89
Trenton	.75	7.70	-.33	70	34	54	-5	287	154	91
<b>SOUTH</b>										
A.C. Marina	.60	9.30	1.91	71	42	57.	0	268	168	89
Cape May C.H.	1.67	11.31	3.52	77	41	57.	-1	338	224	94
Downstown	.67	7.93	-.09	77	35	56.	-3	311	170	91
Glassboro	.85	7.90	-.57	78	41	57.	-2	345	212	90
Hammononton	.75	8.00	-.24	77	36	57.	-2	323	195	89
Pomona	.62	10.32	2.49	74	37	55.	-3	310	214	94
Seabrook	.99	9.58	2.37	77	40	57.	-2	350	206	96
South Harrison	1.02	8.93	.81	77	38	57.	N/A	339	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

An approaching cold front triggered heavy rains and thunderstorms along much of the east coast last Thursday. Some storms were quite strong with wind gusts as high as 40 mph reported in some localities. The heavy rains replenished surface reservoirs, with capacity reported at 64% on average. However, the drought emergency remained in effect as ground water and stream flow levels were reported well below normal in many areas. Farming activities included field preparation, spraying, and planting field corn and summer vegetables. Days suitable for field work averaged 4.4. Top soil moisture was rated 79% adequate and 21% surplus. Range and pasture condition was rated 92% good and 8% excellent. Corn planted 12%. Winter wheat and barley were rated in mostly good condition by producers. Lodging was reported in some fields due to recent storms. Hay producers scouted fields and sprayed for pests. Livestock producers reported good pasture growth due to recent rains. Vegetable producers planted sweet corn, squash, peppers, beans, and other summer vegetables as weather permitted. Producers made good progress harvesting asparagus, lettuce, leeks, kale, scallions, and spinach. Peas were reported in flower. Apples and peaches were rated in mostly good condition. Some producers reported frost damage to buds and blooms due to the recent cold snap. Strawberry producers began harvesting early varieties. Vineyard producers reported grape vines were leafing out in some areas. Cranberry producers began draining water off bogs.

### SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
<b>VERY SHORT</b>	0%	0%	16%
<b>SHORT</b>	0%	0%	80%
<b>ADEQUATE</b>	79%	100%	4%
<b>SURPLUS</b>	21%	0%	0%

### RANGE AND PASTURE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
<b>VERY POOR</b>	0%	0%	0%
<b>POOR</b>	0%	0%	0%
<b>FAIR</b>	0%	30%	51%
<b>GOOD</b>	92%	70%	49%
<b>EXCELLENT</b>	8%	0%	0%