



# 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  
Auction Sales Mon-Wed-Fri-7pm

**Climate summary for the week ending 8 am 04/05/04**

Temperatures averaged below normal north and much below normal central and south, averaging 43 degrees north, 44 degrees central, and 43 degrees south. Extremes were 61 degrees at Glassboro on April 2, 2004, and 25 degrees at Newton on April 5, 2004.

Weekly rainfall averaged 1.09 inches north, 1.39 inches central, and 1.29 inches south. The heaviest 24 hour total reported was 0.93 inches at Glassboro on April 2, 2004 to April 3, 2004.

Estimated soil moisture, in percent of field capacity, this past week averaged 96 percent north, 94 percent central, and 75 percent south.

Four inch soil temperatures averaged 45 degrees north, 46 degrees central, and 46 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 04/05/04**

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 -			
<b>NORTH</b>										
Belvidere Bridge	.95	3.39	-1.08	51	27	43	-3	11	11	100
Canoe Brook	1.04	4.53	-.65	54	28	44	-2	19	19	100
Charlotteburg	.96	3.88	-.94	55	26	43	0	20	20	95
Flemington	1.40	4.63	-.22	57	27	43	-3	20	20	100
Long Valley	1.07	3.39	-1.76	54	26	42	-2	12	12	100
Newton	1.10	3.21	-.97	56	25	42	-2	16	16	100
<b>CENTRAL</b>										
Freehold	1.27	4.88	-.18	57	30	44	-3	40	40	100
Long Branch	DATA NOT AVAILABLE									
New Brunswick	.89	4.10	-.57	55	30	44	-4	27	27	100
Toms River	2.47	6.44	1.50	58	33	43	-4	38	38	100
Trenton	.95	3.72	-.86	59	32	43	-6	36	36	100
<b>SOUTH</b>										
Cape May C.H.	.73	3.88	-.58	49	33	41	-8	34	34	63
Downstown	1.25	4.39	-.18	57	31	43	-6	46	46	100
Glassboro	2.24	5.62	.84	61	31	45	-4	57	57	100
Hammonton	1.14	5.15	.56	59	30	43	-6	51	51	95
Pomona	.80	3.24	-1.33	53	33	43	-5	39	39	89
Seabrook	1.59	4.87	.88	59	31	44	-5	51	51	100
South Harrison	2.29	5.48	1.26	58	33	44	NA	60	NA	NA

\*Departure from normal.

1/ Growing degree days since March 1, 2004, total and departure from normal or long term average.

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

## Weather Limits Field Work

Days suitable for field work were 1.9. Top soil moisture was rated 55% adequate and 45% surplus. Irrigation water supplies were rated 8% adequate and 92% surplus. Planting and plowing activities were limited due to wet and cool weather conditions. Spring season vegetables and potatoes were planted in some southern localities where conditions allowed. Warmer weather is needed before transplanting greenhouse vegetables. Many pastures were too wet for grazing. Other major activities included maintaining farm structures and caring for livestock.

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