

nj-crop-weather

State  
New Jersey Crop Weather

Released  
October 29, 2001

Week Ending  
October 28, 2001

Issue  
NJ-CW4301

**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

**Agricultural Summary**

Days suitable for field work 6.6. Topsoil moisture supplies were rated 7% very short, 52% short, and 41% adequate. Corn harvested 72%. Soybeans harvested 53%. Producers reported highly variable yields for corn and soybeans due to uneven soil moisture and weather conditions during the growing season. Producers in the northern counties also reported some small grain fields were showing signs of stress due to continued dry conditions. Activities included planting cover crops, field clean-up, fertilizing and liming fields, and equipment maintenance. Pumpkin and sweet potato harvest has been completed in most localities. Sweet potato yields were lower than expected in some areas due to weather conditions. Clear skies allowed vegetable producers to make good progress harvesting broccoli, spinach, cabbage, lettuce, and other fall greens. Cranberry harvest continued with producers reporting fruit of good color and size.

**Climate summary for the week ending Sunday 10/21/01**

Temperatures averaged much above normal. Extremes were 86 degrees at Pemberton on the 24<sup>th</sup> and 24 degrees at Charlotteburg on the 29<sup>th</sup>. Weekly rainfall averaged 0.00 inches north, 0.00 inches central, and 0.00 inches south. The heaviest 24 hour total reported was 0.00 inches.

Estimated soil moisture, in percent of field capacity, this past week averaged 73 percent north, 65 percent central and 47 percent south. Four inch soil temperatures averaged 54 degrees north, 58 degrees central and 59 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY 10/21/01**

WEATHER STATIONS	R A I N F A L L			TEMPERATURE				GROWING 1/ SOIL 2/ DEGREE DAYS MOISTURE		
	WEEK	TOTAL	*DEP	MX	MN	AVG	*DEP	TOT	*DEP	%FC
BELVIDERE BRIDGE	.00	27.21	-4.47	77	26	54.	6	3066	364	71
CANOE BROOK	.00	28.81	-4.56	83	25	54.	5	3262	539	76
CHARLOTTEBURG	.00	25.37	-8.72	80	24	52.	6	2692	568	66
FLEMINGTON	.00	36.22	4.45	81	25	54.	5	2985	193	73
LONG VALLEY	.00	23.91	-10.62	78	26	52.	5	2298	-58	73
NEWTON	.00	22.52	-8.44	81	26	53.	7	2804	428	70
FREEHOLD	.00	25.40	-5.56	83	27	55.	4	3490	456	72
LONG BRANCH	.00	29.36	-2.02	79	30	56.	4	3220	238	53
NEW BRUNSWICK	.00	29.69	-1.62	83	28	56.	5	3311	141	81
PEMBERTON	.00	24.40	-7.05	86	27	58.	7	3613	503	46
TOMS RIVER	.00	29.26	-3.06	84	31	57.	6	3327	350	62
TRENTON	.00	27.71	-1.72	82	29	57.	5	3449	138	56
ATLANTIC CITY MARINA	.00	17.68	-8.68	79	37	59.	6	3617	504	33
CAPE MAY COURT HOUSE	.00	23.60	-4.22	82	34	60.	5	3597	460	34
DOWNSTOWN	.00	21.23	-7.77	82	30	58.	6	3403	53	50
GLASSBORO	.00	23.27	-7.38	83	27	58.	6	3746	457	54
HAMMONTON	.00	19.96	-10.53	84	30	59.	7	3555	265	38
POMONA	.00	18.45	-9.09	81	34	58.	7	3434	383	48
SEABROOK	.00	26.37	-1.84	82	30	59.	6	3719	345	49
SOUTH HARRISON	.00	25.38	-4.55	82	35	59	NA	3616	NA	NA

\*Departure from normal.

\*\*Some values for Flemington were estimated for the period April-May

"Woodstown normals used for South Harrison"

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.

**Contact Information**

Judy McDermott      Vic Tolomeo  
Agricultural Statistician      State Statistician

New Jersey Agricultural Statistics Service  
PO Box 330  
Trenton, NJ 08625  
Phone (609)292-6385      Fax (609)633-9231  
E-mail: nass-nj@nass.usda.gov

