

nj-crop-weather

State
New Jersey Crop Weather

Released
September 10, 2001

Week Ending
September 9, 2001

Issue
NJ-CW3601

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 6.4. Topsoil moisture supplies were rated 12% very short, 67% short and 21% adequate. Corn dough 95%. Corn dent 40%. Corn condition was rated 4% poor, 42% fair, and 54% good. Corn silage harvested 20%. Soybean condition was rated 30% fair, 60% good, and 10% excellent. Producers continued to make good progress cutting and baling alfalfa hay, although dry conditions and slow growth have caused some producers to delay further harvest of grass hay. Some producers began feeding livestock to supplement short pasture forage. Activities included re-seeding pastures, irrigating fields, and harvesting summer vegetables. Producers made good progress harvesting late sweet corn. Some reported smaller ears and reduced yields due to dry weather. Crop condition was rated mostly good to fair. Pepper and fresh market tomato harvest continued with crop condition rated as mostly good to fair. Producers also made good progress harvesting summer potatoes although yields were lower than expected in some areas due to dry conditions. Pumpkin harvest began in some localities with crop condition rated mostly good to fair. Sweet potatoes were rated in mostly good condition with some producers beginning harvest. Apple harvest continued with producers reporting fruit of good size and quality. Peach harvest was winding down in most localities.

Climate summary for the week ending Sunday 9/9/01

Temperatures averaged slightly above normal. Extremes were 89 degrees at Pemberton on the 9th and 43 degrees at Charlotteburg on the 6th. Weekly rainfall averaged 0.47 inches north, 0.21 inches central, and 0.12 inches south. The heaviest 24 hour total reported was 1.55 inches at belvidere on the 4th to 5th.

Estimated soil moisture, in percent of field capacity, this past week averaged 72 percent north, 60 percent central and 39 percent south. Four inch soil temperatures averaged 66 degrees north, 68 degrees central and 69 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY 9/9/01

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	1.55	23.37	-2.38	85	48	68.	3	2626	277	83
CANOE BROOK	.00	23.34	-3.67	88	50	70.	4	2801	428	60
CHARLOTTEBURG	.02	21.14	-6.14	86	43	65.	3	2299	413	55
FLEMINGTON	1.08	31.52	5.60	86	48	68.	2	2542	108	79
LONG VALLEY	.08	23.10	-4.95	78	46	63.	0	2141	47	58
NEWTON	.10	20.22	-4.96	85	47	68.	5	2507	369	67
FREEHOLD	.04	22.12	-3.12	87	50	70.	3	2969	394	56
LONG BRANCH	.00	24.59	-1.00	81	53	68.	0	2708	191	39
NEW BRUNSWICK	.00	25.41	-.16	88	49	69.	1	2802	89	64
PEMBERTON	.55	21.37	-4.55	89	45	69.	1	3042	398	51
TOMS RIVER	.66	24.86	-1.28	84	50	68.	-1	2815	300	67
TRENTON	.01	25.16	.93	85	50	70.	1	2915	104	36
CAPE MAY COURT HOUSE	.00	20.88	-1.75	85	54	70.	0	2987	471	18
DOWNSTOWN	.67	18.30	-5.55	86	49	68.	-1	2895	76	58
GLASSBORO	.00	20.72	-4.23	86	55	72.	3	3179	382	31
HAMMONTON	.04	16.94	-8.00	86	49	69.	0	3004	205	35
POMONA	.00	16.09	-6.76	85	51	69.	2	2892	281	25
SEABROOK	.15	24.32	1.45	85	53	71.	2	3106	272	44
ATLANTIC CITY MARINA	.00	15.86	-6.10	82	61	73.	4	2971	409	17
SOUTH HARRISON	.29	22.52	-2.01	85	54	71	NA	3032	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.

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

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