

State
New Jersey Crop Weather

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In Cooperation With:

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Agricultural Summary

A slow moving cold front stalled on the East Coast triggering showers and thunderstorms across the state over the weekend. Heavy rains replenished soil moisture levels while cooler temperatures brought relief from the recent heat wave. Days suitable for field work 6.0. Topsoil moisture supplies were rated 25% short and 75% adequate. Corn silked 88%. Corn dough 40%. Corn condition was rated 55% fair, and 45% good. Soybeans blooming 83%. Soybean condition was rated 70% fair, and 30% good. Producers continued cutting and baling hay as weather permitted. Activities included scouting and spraying for pests and diseases, and planting fall vegetable crops. Vegetable producers continued to make good progress harvesting sweet corn, fresh market tomatoes, peppers, cucumbers and eggplant. Crop condition was rated as mostly good. Summer potatoes, carrots, pumpkins and sweet potatoes were also rated in mostly good condition. Blueberries were rated in mostly good to excellent condition with harvest nearing completion in some localities. Peach harvest continued with the crop rated in mostly good condition, although some producers have reported minor pest and disease problems. Apples were also rated in mostly good condition by producers.

Climate summary for the week ending 8am 8/13/01

Temperatures averaged much above normal. Extremes were 104 degrees at Hammonton and Canoe Brook on the 10th and 64 degrees at Charlotteburg on the 9th. Weekly rainfall averaged 1.14 inches north, 1.53 inches central, and 1.53 inches south. The heaviest 24 hour total reported was 2.04 inches at Trenton on the 11th to 12th.

Estimated soil moisture, in percent of field capacity, this past week averaged 69 percent north, 63 percent central and 47 percent south. Four inch soil temperatures averaged 78 degrees north, 80 degrees central and 80 degrees south.

WEATHER STATIONS	R A I N F A L L			TEMPERATURE				GDD BASE50		MON
	WEEK	TOTAL	DEP	MX	MN	AVG	DEP	TOT	DEP	%FC
BELVIDERE BRIDGE	1.03	21.48	-.12	99	67	80.	9	2029	184	68
CANOE BROOK	1.20	22.27	-.44	104	69	82.	10	2166	318	70
CHARLOTTEBURG	.55	19.25	-3.66	98	64	77.	8	1777	318	58
FLEMINGTON	1.62	28.35	6.41	97	67	78.	6	1967	71	100
LONG VALLEY	1.87	21.35	-2.26	92	66	76.	6	1679	39	100
NEWTON	.55	18.82	-2.27	100	67	79.	9	1946	263	58
FREEHOLD	1.00	21.38	.05	101	71	83.	10	2314	290	70
LONG BRANCH	.78	21.65	.25	101	70	82.	9	2103	158	56
NEW BRUNSWICK	2.14	24.64	3.23	101	69	81.	8	2173	65	100
PEMBERTON	.70	18.11	-3.52	102	65	81.	7	2212	145	67
TOMS RIVER	.77	18.99	-3.00	102	68	81.	9	2181	245	64
TRENTON	3.81	24.65	4.23	99	69	81.	6	2287	83	100
ATLANTIC CITY MARINA	2.05	15.15	-3.26	95	72	81.	7	2285	324	99
CAPE MAY COURT HOUSE	1.42	17.87	-1.09	98	70	83.	8	2319	241	68
DOWNSTOWN	1.71	17.08	-2.97	100	68	82.	7	2246	31	81
GLASSBORO	1.56	20.65	-.37	100	73	83.	8	2470	282	77
HAMMONTON	1.70	16.32	-4.74	104	70	83.	8	2330	140	83
POMONA	.84	15.28	-3.94	103	70	84.	11	2248	205	52
SEABROOK	1.41	22.89	3.60	97	72	83.	8	2429	206	88
ATLANTIC CITY MARINA	2.05	15.15	-3.26	95	72	81.	7	2285	324	99
SOUTH HARRISON	1.55	20.96	-0.05	98	72	83	NA	2359	NA	NA

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

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