

State  
New Jersey Crop Weather

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**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 6.2. Topsoil moisture supplies were rated 9% very short, 14% short, 73% adequate, and 4% surplus. Corn silked 93%. Corn dough 46%. Corn condition was rated 1% very poor, 20% poor, 28% fair, 49% good, and 2% excellent. Soybeans blooming 90%. Soybean condition was rated 60% fair, and 40% good. Hay harvest continued with some producers making good progress on their third cutting of alfalfa. Activities included irrigating, planting fall vegetable crops, and spraying fields. Vegetable producers continued harvesting sweet corn, fresh market tomatoes, peppers, cucumbers and snap beans, all of which were rated in mostly good condition. Summer potatoes, carrots, pumpkins and sweet potatoes were also rated in mostly good condition. Blueberry harvest was nearly complete in some localities. Cranberries were rated in mostly good condition by producers. Orchards continued to make good progress harvesting peaches. Crop condition was rated as mostly good, although some producers have reported minor pest and disease problems. Apples were rated in mostly good condition with some producers beginning to harvest early varieties..

**Climate summary for the week ending 8am 8/20/01**

Temperatures averaged much above normal. Extremes were 90 degrees at Glassboro on the 15th and 57 degrees at charlotteburg on the 16<sup>th</sup>. Weekly rainfall averaged 0.71 inches north, 0.95 inches central, and 0.60 inches south. The heaviest 24 hour total reported was 1.36 inches at Toms River on the 13th to 14<sup>th</sup>.

Estimated soil moisture, in percent of field capacity, this past week averaged 78 percent north, 82 percent central and 68 percent south. Four inch soil temperatures averaged 74 degrees north, 77 degrees central and 77 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 8/20/01**

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	.07	21.55	-1.14	87	59	74.	4	2200	212	60
CANOE BROOK	.46	22.73	-1.09	89	61	75.	5	2342	346	74
CHARLOTTEBURG	.95	20.20	-3.84	86	57	72.	5	1930	354	68
FLEMINGTON	1.31	29.66	6.68	85	59	73.	2	2129	82	82
LONG VALLEY	1.25	22.60	-2.19	80	60	70.	2	1816	46	78
NEWTON	.21	19.03	-3.14	86	59	73.	5	2107	292	60
FREEHOLD	.24	21.62	-.76	87	62	75.	3	2493	311	64
LONG BRANCH	1.76	23.41	.85	87	62	74.	2	2273	170	100
NEW BRUNSWICK	.65	25.29	2.77	86	61	75.	2	2350	81	85
PEMBERTON	MISSING									
TOMS RIVER	1.81	21.81	-1.30	88	59	75.	4	2360	273	78
TRENTON	.31	24.96	3.53	85	62	75.	2	2463	90	61
ATLANTIC CITY MARINA	.17	15.32	-4.12	85	69	76.	3	2469	345	59
CAPE MAY COURT HOUSE	1.38	19.99	.04	87	61	76.	2	2496	446	63
DOWNSTOWN	.85	17.08	-4.02	87	59	76.	3	2432	54	66
GLASSBORO	.07	20.72	-1.34	90	64	77.	4	2660	304	54
HAMMONTON	.79	15.93	-6.16	88	60	76.	3	2524	165	48
POMONA	.24	15.52	-4.76	87	60	76.	4	2430	230	43
SEABROOK	.72	23.61	3.37	88	62	76.	3	2614	223	72
SOUTH HARRISON	.32	21.28	-0.65	85	63	76	NA	2543	NA	NA

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

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