

NEW JERSEY CROP WEATHER

Week ending May 21, 2001

Issue
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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 6.7. Topsoil moisture supplies were rated 32% very short, and 68% short. Wheat and barley were rated in mostly good condition. Corn planted 75%. Soybeans planted 44%. Producers reported delayed emergence and uneven growth in some corn and soybean fields due to continued dry weather. Dry soil conditions caused some producers to halt planting until conditions improve. Hay harvest continued with many producers reporting lower than expected yields on their first cutting. Outdoor activities included irrigating, fertilizing, weeding, pest management, spraying and brush removal. Range and pasture condition was rated 12% very poor, 18% poor and 70% fair. Slow growth in pastures has caused some producers to begin supplementing livestock with hay until conditions improve. Vegetable producers throughout the state continued to irrigate where possible. Early planted sweet corn has emerged, although some producers reported slow growth due to dry weather conditions. Spinach and asparagus were rated in mostly good condition with harvest continuing on schedule. Lettuce, swiss chard and cilantro harvest was also underway in the southern counties. Crop condition was rated mostly good. Planting of sweet corn, snap beans and fresh market tomatoes continued. Some producers reported slow growth in sweet corn due to dry soil conditions. Blueberries and cranberries were rated in mostly good condition. Strawberries were also rated in mostly good condition, although a few producers reported problems with root rot in some fields.

Weather Summary

Temperatures averaged below normal. Extremes were 84 degrees at New Brunswick on the 20th and 38 degrees at Pemberton on the 15th. Weekly rainfall averaged 0.11 inches north, 0.08 inches central, and 0.27 inches south. The heaviest 24 hour total reported was 0.80 inches at Glassboro on the 20th to 21st.

Estimated soil moisture, in percent of field capacity, this past week averaged 67 percent North, 54 percent Central and 38 percent South. Four inch soil temperatures averaged 58 degrees North, 60 degrees Central and 60 degrees South.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 5/21/01

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	.16	7.01	-3.22	81	42	58.	-3	335	130	62
CANOE BROOK	.14	6.73	-4.56	82	42	59.	-2	388	204	69
CHARLOTTEBURG	.05	7.40	-3.72	81	41	57.	-1	285	171	59
LONG VALLEY	.12	5.17	-6.35	76	42	56.	-3	269	127	67
NEWTON	.08	8.08	-1.81	82	41	57.	-2	347	203	63
FREEHOLD	.03	10.14	-.53	81	45	59.	-3	460	213	64
LONG BRANCH	.00	11.06	.04	75	47	58.	-3	331	121	41
NEW BRUNSWICK	.03	8.80	-1.65	84	43	60.	-3	384	110	69

PEMBERTON	.32	7.35	-2.83	83	38	59.	-4	427	156	48
TOMS RIVER	.00	9.25	-1.43	77	40	58.	-4	388	156	38
TRENTON	.09	7.76	-1.90	82	46	60.	-4	421	114	45
ATLANTIC CITY MARINA	.19	5.38	-3.42	74	50	59.	-2	358	120	34
CAPE MAY COURT HOUSE	.13	6.29	-3.07	73	45	59.	-3	381	110	26
DOWNSTOWN	.10	7.59	-2.03	75	42	57.	-7	406	87	43
GLASSBORO	.85	7.67	-2.54	79	49	61.	-3	458	153	72
HAMMONTON	.04	7.45	-2.49	77	43	59.	-4	415	118	28
POMONA	.06	7.21	-2.10	75	42	58.	-4	371	122	35
SEABROOK	.54	8.21	-.56	76	44	59.	-5	448	124	59
SOUTH HARRISON	.10	8.30	-1.66	75	45	59	NA	423	NA	NA

Contact Information

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