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 U.S. Department of Agriculture
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Agricultural Summary

Days suitable for field work 6.8. Topsoil moisture supplies were rated 58% adequate and 42% short. Corn dent 100%. Corn mature 97%. Corn harvested 40%. Corn condition was rated 42% fair, and 58% good. Corn silage harvested 85%. Soybean dropping leaves 93%. Soybeans harvested 26%. Soybean condition was rated 30% fair, 60% good and 10% excellent. Activities included harvesting fall vegetables, and planting cover crops and small grains. Heavy frost occurred in most northern and central portions of the Garden State. Harvest of fresh market tomatoes, summer potatoes and eggplant was winding down in most localities. Producers continued to make good progress harvesting sweet potatoes, fall snap beans, fall lettuce, and other greens. Crop condition was rated as mostly good. Pumpkins were also rated in mostly good condition with harvest rated as 72% complete. Cranberry harvest progressed to 75% complete. Apple harvest was rated as 62% complete as clear conditions provided excellent harvest conditions. The apple crop conditions continued to be rated mostly good by producers.

Climate summary for the week ending Sunday 10/14/01

Temperatures averaged above normal. Extremes were 82 degrees at Pemberton on the 14th and 26 degrees at Long Valley on the 9th. Weekly rainfall averaged 0.33 inches north, 0.23 inches central, and 0.15 inches south. The heaviest 24 hour total reported was 0.53 inches at Canoe Brook on the 14th to 15th.

Estimated soil moisture, in percent of field capacity, this past week averaged 76 percent north, 69 percent central and 58 percent south. Four inch soil temperatures averaged 50 degrees north, 56 degrees central and 56 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY 10/14/01

WEATHER STATIONS	R A I N F A L L			TEMPERATURE				GROWING 1/ DEGREE DAYS		SOIL 2/ MOISTURE
	WEEK	TOTAL	*DEP	MX	MN	AVG	*DEP	TOT	*DEP	%FC
BELVIDERE BRIDGE	.26	27.16	-2.96	77	30	55.	2	2994	304	75
CANOE BROOK	.53	28.81	-2.90	79	28	57.	4	3193	485	82
CHARLOTTEBURG	.48	25.37	-6.85	79	27	54.	3	2635	512	76
FLEMINGTON	.35	36.22	6.01	80	27	56.	3	2909	132	77
LONG VALLEY	.00	23.91	-8.85	74	26	52.	1	2246	-108	80
NEWTON	.34	22.51	-6.92	77	27	55.	4	2732	356	76
FREEHOLD	.19	25.36	-4.02	80	29	58.	3	3395	407	73
LONG BRANCH	.27	29.32	-.44	76	33	57.	1	3129	197	64
NEW BRUNSWICK	.31	29.65	-.15	78	29	57.	1	3221	101	83
PEMBERTON	.34	24.40	-5.56	82	29	60.	4	3493	431	65
TOMS RIVER	.01	28.84	-1.71	78	28	57.	1	3232	305	66
TRENTON	.26	27.71	-.39	79	30	58.	1	3348	95	66
ATLANTIC CITY MARINA	.33	17.61	-7.51	74	41	60.	3	3477	440	61
CAPE MAY COURT HOUSE	.00	23.27	-3.13	77	33	59.	0	3478	437	40
DOWNSTOWN	.07	21.06	-6.51	80	27	56.	-1	3306	22	62
GLASSBORO	.28	23.21	-5.89	79	33	58.	2	3642	409	60
HAMMONTON	.00	19.77	-9.23	79	28	57.	1	3446	209	54
POMONA	.08	18.25	-7.91	77	29	56.	0	3332	325	62
SEABROOK	.29	26.31	-.42	78	32	59.	2	3601	295	62
SOUTH HARRISON	.07	25.15	-3.30	78	33	59	NA	3499	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.

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