



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending June 24, 2007

HOT TEMPERATURES OFFSET SHOWER BENEFITS

Two weather systems passed through Tennessee last week bringing much needed precipitation to the State's crops and livestock. However, the effectiveness of these rains was lessened by daytime highs reaching into the low-to-mid 90s in most areas. Condition ratings for the State's row crops all declined from the week earlier with corn and soybeans showing the largest increase in the very poor-to-poor categories. Nearly three-fourths of the State's pastures were rated in very poor-to-poor condition. Wheat growers took advantage of the hot weather to nearly wrap-up harvest, more than a week ahead of normal. Over half of the cotton acreage was squaring by week's end with the crop rated in mostly good-to-fair condition. Soybeans planted, at 97 percent, continued to outpace last year and the normal schedule. A small portion of the crop began blooming last week. Other agricultural activities included side-dressing cotton, transplanting tobacco, and feeding hay.

There were 6 days considered suitable for fieldwork. Topsoil moisture levels were rated 48 percent very short, 41 percent short, and 11 percent adequate. Subsoil moisture levels were rated 56 percent very short, 34 percent short, and 10 percent adequate. Temperatures averaged slightly above normal last week, while rainfall was above normal for the Plateau region, but below normal elsewhere.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2006	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Silking	41	14	47	40	Corn	24	31	34	11	0
Cotton – Squaring	65	40	56	53	Cotton	4	13	34	45	4
Tobacco – Transplanted	94	89	93	94	Hay	30	33	31	6	0
Soybeans – Planted	97	90	96	88	Pastures	40	32	22	6	0
Soybeans – Emerged	84	77	88	76	Soybeans	11	25	40	24	0
Soybeans – Blooming	7	n/a	14	7	Tobacco	7	16	47	29	1
Winter Wheat – Harvested	96	54	96	73						

n/a = not available

County Agent Comments

“There were a few showers in Shelby County, but not enough to quench the very dry crops; we need more rain!”

Becky Muller, Shelby County

“Much of our corn is beyond recovery even if rains come. Pastures are parched. Hay supplies are very limited. Some hay is being fed. Some are considering cutting corn for hay. Soybeans are not growing and in need of a drink. Some fields behind wheat will not be planted unless it rains. Farmers are selling cattle due to the lack of feed. Tobacco is being irrigated where possible.”

Ken J. Goddard, Henry County

“One inch of rain or less of rainfall this past week has raised hopes, if not much grass.”

Rich Ritter, Perry County

“Conditions continue to deteriorate. Scattered rains have done little to help. Concern for pasture and water for animals have caused widespread selling. The search is on for hay and/or feeding alternatives. Corn revived a bit with some of the rains, but it is short and heat and dryness will surely affect pollination. Soybeans are short and hurting. Morale of the farming community is low.”

John Teague, Bedford County

“Another week of no rain other than a few scattered short showers. Many are feeding hay and selling cows. Irrigation rigs are running where water is available. First tomatoes are showing up at local farmer's market. Hot, dry weather is sapping any available moisture from soil.”

J. Dale Beaty, Warren County

“Most of the area received 1.0 to 1.5 inches of rain on Tuesday, June 19, with some scattered showers over the area at other times. The moisture allowed crop conditions to remain very similar to last week. Black shank is showing up in some burley tobacco fields. Water for livestock is a continuing problem for producers. A large number of cattle producers are supplementing pastures with hay that was scheduled for next winter feeding. A supply of available 'dairy' quality hay has been difficult to locate.”

Bob Sliger, Monroe County

TEMPERATURES AND PRECIPITATION
For week ending: June 24, 2007 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION						
	Week Ending June 24, 2007				Current Week 06/24/07	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1	
	HI	LO	AVG	DFN							
Ames_Plantation	96	60	78	2	0.32	2	15.14	-12.17	7.50	-6.04	
Tri-City_RGNL_A	94	50	74	3	0.44	1	10.19	-10.09	4.67	-5.24	
Brownsville_TN	95	61	80	3	0.91	3	14.56	-12.86	6.77	-6.85	
Chattanooga/Lov	97	59	79	3	0.44	2	13.44	-13.70	6.19	-5.22	
Clarksville_Sew	93	58	77	2	0.67	3	17.13	-8.40	8.01	-3.87	
Cookeville	92	54	74	1	0.88	3	16.77	-11.60	6.87	-6.47	
Covington	94	63	79	2	0.53	2	16.32	-10.85	7.54	-5.95	
Crossville_AP	88	53	73	2	0.64	2	17.32	-10.88	10.30	-2.88	
Dayton	91	55	75	-1	1.82	3	14.00	-14.64	7.37	-5.25	
Dickson_AG	88	54	74	-2	0.35	3	16.29	-11.23	6.70	-6.81	
Dover_1W	94	58	78	3	0.37	2	18.36	-8.15	7.98	-4.63	
Dyersburg	97	64	81	3	0.07	1	15.10	-10.38	6.02	-6.64	
Erwin_1W	91	52	72	2	0.50	1	13.31	-10.49	7.69	-4.60	
Huntingdon_Wate	98	58	78	3	0.00	0	12.84	-13.84	4.43	-8.49	
Jackson_Exp_Stn	95	60	79	3	0.07	1	14.02	-13.11	5.34	-8.51	
Kingston_AG	92	54	75	2	2.58	3	19.27	-10.01	11.07	-2.13	
Knoxville_AP	93	58	77	4	0.55	3	14.66	-9.64	7.62	-3.36	
Lewisburg	96	54	75	1	2.29	2	16.08	-11.86	8.45	-4.91	
Lexington_TN	95	59	78	2	0.15	2	16.56	-9.27	6.97	-5.67	
Linden	96	55	76	2	0.84	3	16.40	-12.29	7.24	-6.46	
Martin	95	60	79	3	0.00	0	17.82	-8.65	6.85	-6.38	
Mc_Minnville_Tn	93	57	77	3	0.87	4	14.28	-13.01	7.26	-5.61	
Memphis_AG	96	64	80	-1	1.39	3	15.07	-11.72	7.10	-6.20	
Milan	96	55	78	2	0.12	1	15.02	-12.56	6.78	-7.18	
Murfreesboro_5N	94	55	76	1	0.83	2	17.50	-9.19	6.62	-6.29	
Nashville_Metro	95	59	78	2	0.82	3	14.92	-9.42	7.35	-4.75	
Newcomb	91	50	72	2	0.61	3	16.87	-10.34	8.86	-4.48	
Oneida	91	52	73	3	0.91	3	15.31	-11.90	7.81	-5.53	
Portland_TN	94	56	75	2	0.45	2	16.46	-10.05	7.10	-6.11	
Pulaski_Water_P	96	57	76	-1	0.82	2	15.37	-12.80	6.33	-6.45	
Savannah_6SW	98	57	76	-2	1.13	2	15.07	-14.88	6.41	-8.08	
Sparta_TN	93	54	76	3	1.12	2	16.39	-11.18	8.00	-5.00	
Springfield	96	56	76	2	0.35	2	17.18	-8.16	8.29	-4.18	
Springhill	95	56	77	3	1.77	3	16.52	-11.77	7.02	-6.66	
Union_City	94	59	78	2	0.47	1	16.41	-10.04	6.20	-7.07	
Waynesboro_TN	96	54	76	3	1.31	2	14.52	-15.15	6.33	-7.57	

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.

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