



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 22, 2007

CROPS REMAIN FAIR OVERALL

Scattered showers again fell last week, but more rain is still needed across the State. Some of the major activities accomplished during the six days suitable for fieldwork last week were spraying weeds and insects, marketing cattle, and topping tobacco. Tobacco improved slightly from previous week, but remains in mostly fair-to-good condition, while growers topped an additional 12 percent of the crop. Over half of the State's corn crop has entered the dough stage and development was on pace with normal. Soybean development also continued to outpace the normal rate with almost three-fourths of the crop in the blooming stage and nearly half already setting pods. Cotton was developing virtually a week ahead of normal and continued to be rated in mostly good condition.

Topsoil moisture levels were rated 33 percent very short, 42 percent short, and 25 percent adequate. Subsoil moisture levels were rated 47 percent very short, 38 percent short, and 15 percent adequate. Across Tennessee, temperatures averaged near normal last week. Rainfall was above normal in the eastern portions of the State and the Plateau, but below normal in Middle and West Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2006	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Silking	96	93	99	97	Corn	19	28	36	17	0
Corn – Dough	58	34	56	55	Cotton	0	8	27	49	16
Corn – Dent	18	n/a	17	15	Hay	29	32	34	5	0
Cotton – Setting Bolls	75	38	60	56	Pastures	34	31	29	6	0
Soybeans – Blooming	71	55	80	59	Soybeans	7	17	36	34	6
Soybeans – Setting Pods	45	24	53	35	Tobacco	6	11	43	37	3
Tobacco – Topped	23	11	24	26						

n/a = not available

County Agent Comments

“The county is once again at a critical point of needing water. Prior rain events finally pulled the crops back to where they grew and set fruit but that water is gone and if we don't get more soon we will back in drought status. Insect and weed pest control are pretty much what is happening on the farm.”

Jerry Parker, Lauderdale County

“Tobacco producers made good ground on topping their crop this week. Scattered rains and cooler temperatures have improved some pasture conditions, while others are still under extreme stress. Many corn producers will be chopping some, or most, of their crop for silage due to the drought conditions. Producers continue to cull their herds very aggressively, while some are totally dispersing.”

Brad Greenfield, Dickson County

“Parts of Giles County continue to get some rain showers. Pastures in some areas are recovering, while others are still very dry will little quality grazing. Producers are continuing to sale cattle due to dry conditions and lack of hay.”

Kevin Rose, Giles County

“Pasture is burned up. It crunches when you walk through a field. Cows are now being fed hay regularly. Many folks are selling cows & calves to prevent starvation. Ponds are going dry. Second hay cutting is being delayed or postponed till September or later (if we get some future rains). Everyone is looking for hay to purchase. Corn is 3-4 ft. tall and finished! I've seen plenty of hot & dry Julys, but never one this dry! We hear thunder almost daily, but rain continues to skip us.”

John Goddard, Loudon County

“Most of the area received varying amounts of moisture during the week which gave some relief to both row crops and forage crops. Pastures look greener and are in slightly better shape than last week, however soybeans seems to have benefitted most from the moisture. Hay fields have shown some "green-up" but not a significant amount of growth. An available supply of hay remains a critical issue for livestock producers along with limited amounts of pasture and a diminishing water supply. Tomato Spotted Wilt Virus and Blackshank have been the primary diseases of burley tobacco.”

Bob Sliger, Monroe County

TEMPERATURES AND PRECIPITATION
For week ending: July 22, 2007 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION						
	Week Ending July 22, 2007				Current Week 07/22/07	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	93	59	79	-1	0.01	1	18.85	-12.26	11.21	-6.13	
Tri-City_RGNL_A	89	54	74	-2	0.82	4	13.48	-10.70	7.96	-5.85	
Brownsville_TN	94	61	80	-2	0.00	0	16.41	-14.71	8.62	-8.70	
Chattanooga/Lov	91	62	78	-2	1.24	5	17.35	-14.08	10.10	-5.60	
Clarksville_Sew	96	58	80	2	3.17	2	23.81	-5.47	14.69	-0.94	
Cookeville	92	53	76	1	0.46	3	18.92	-14.17	9.02	-9.04	
Covington	94	60	78	-3	0.00	0	20.76	-10.03	11.98	-5.13	
Crossville_AP	87	53	74	1	1.50	4	20.49	-12.23	13.47	-4.23	
Dayton	90	59	75	-3	1.09	2	18.20	-14.55	11.57	-5.16	
Dickson_AG	93	55	78	0	0.35	1	21.62	-9.98	12.03	-5.56	
Dover_1W	95	58	79	3	0.95	2	21.24	-9.31	10.86	-5.79	
Dyersburg	93	61	79	-3	0.20	1	18.96	-10.45	9.88	-6.71	
Erwin_1W	89	55	73	2	1.89	4	19.23	-9.68	13.61	-3.79	
Huntingdon_Wate	94	58	79	-1	1.20	1	16.54	-14.31	8.13	-8.96	
Jackson_Exp_Stn	94	62	79	0	0.02	1	17.27	-13.79	8.59	-9.19	
Kingston_AG	92	58	77	2	0.34	4	21.59	-12.63	13.39	-4.75	
Knoxville_AP	90	61	78	2	0.66	3	17.67	-10.89	10.63	-4.61	
Lewisburg	94	52	77	-1	0.81	4	20.20	-12.34	12.57	-5.39	
Lexington_TN	95	60	79	0	0.10	1	17.96	-12.05	8.37	-8.45	
Linden	94	58	78	1	0.98	4	19.25	-13.58	10.09	-7.75	
Martin	95	59	79	1	0.13	1	21.67	-9.32	10.70	-7.05	
Mc_Minnville_Tn	89	60	77	0	1.39	5	19.07	-12.57	12.05	-5.17	
Memphis_AG	94	63	81	-3	0.00	0	21.12	-9.09	13.15	-3.57	
Milan	94	54	78	-1	0.37	1	18.62	-13.13	10.38	-7.75	
Murfreesboro_5N	93	56	77	-2	0.90	3	21.02	-9.92	10.14	-7.02	
Nashville_Metro	95	62	81	2	0.04	2	16.40	-11.49	8.83	-6.82	
Newcomb	90	55	74	2	0.90	4	20.76	-11.19	12.75	-5.33	
Oneida	90	55	75	2	0.98	5	18.99	-12.96	11.49	-6.59	
Portland_TN	93	57	78	2	0.38	2	21.18	-9.25	11.82	-5.31	
Pulaski_Water_P	93	59	77	-3	0.13	3	17.27	-15.12	8.23	-8.77	
Savannah_6SW	97	57	80	0	0.03	1	17.98	-15.89	9.32	-9.09	
Sparta_TN	93	53	77	2	0.80	4	18.06	-14.18	9.67	-8.00	
Springfield	95	53	78	1	0.44	1	20.32	-8.95	11.43	-4.97	
Springhill	97	58	78	0	0.38	2	19.78	-12.76	10.28	-7.65	
Union_City	91	56	77	-2	0.25	1	21.62	-8.70	11.41	-5.73	
Waynesboro_TN	94	59	77	0	0.39	2	19.60	-14.61	11.41	-7.03	

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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