



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 27, 2008

## SHOWERS HELP OFFSET HIGH TEMPERATURES

Several upper level disturbances moved across the State last week bringing rounds of scattered showers and thunderstorms to many areas. This rainfall helped balance the hot temperatures which reached 100 degrees in some spots. The State's row crops remained in mostly good-to-fair condition with tobacco showing the largest boost from the added moisture. Corn development made good progress last week as nearly all of the acreage had reached or surpassed the silking stage. Soybeans were blooming and setting pods near the normal pace. The recent showers provided timely moisture for the growth of double-cropped soybeans. Nearly three quarters of the cotton crop was setting bolls, slightly ahead of the normal pace. Tobacco growers have topped about a third of their crop and condition ratings increased slightly from the week earlier, although problems with black shank continued to surface. Pastures were rated in mostly fair-to-good condition.

There were six days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 15 percent very short, 44 percent short, and 41 percent adequate. Subsoil moisture levels were rated 23 percent very short, 41 percent short, and 36 percent adequate. Temperatures across Tennessee last week averaged around normal to slightly above normal. Rainfall averaged mostly below normal across the State, except for a few locations.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2007	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Silking	96	88	98	98	Corn	3	9	31	43	14
Corn – Dough	56	26	72	71	Cotton	0	7	28	59	6
Cotton – Setting Bolls	74	46	84	72	Hay	6	15	38	36	5
Soybeans – Blooming	70	54	79	71	Pastures	7	19	42	29	3
Soybeans – Setting Pods	47	29	56	49	Soybeans	5	12	31	42	10
Tobacco – Topped	30	22	29	36	Tobacco	0	4	22	60	14

### County Agent Comments

*“We are getting very dry. Spotty showers have occurred, but we need rain.”*

**Becky Muller, Shelby County**

*“The farmers in Fayette County are still in need of more rain. Certain parts of the county received some this week but as indicated more is needed. Cotton is blooming out the top in some fields and corn is maturing rapidly. Crops look fair to good but need a rain.”*

**Jeffery D. Via, Fayette County**

*“The county has received some rain in the form of isolated showers. Places that have gotten a few of those are still doing very well in terms of moisture; those that haven't are dry. We're not to the point we were in 2007, but hot sunny days with a steady dry wind; dry the ground in a hurry.”*

**Mitchell Mote, Rutherford County**

*“Scattered showers helped many over the weekend. Those that have had some rain have good crop prospects, those that haven't are looking at low yields in corn and soybeans. Some folks will have second cutting hay others won't. Farmer's Market full of produce, beans are in short supply.”*

**J. Dale Beaty, Warren County**

*“The forecasted rainfall last week passed us by. We had a couple of spotty showers, but nothing significant. Things are getting critical with late corn and double-crop beans suffering greatly. Pastures have stayed green pretty well but will brown this week if rain doesn't come. On a good note, peach harvest is in full gear with excellent yields and quality. Apple growers are reporting a super crop on the trees, but they need rainfall with no hail - please!”*

**Kim Frady, Bradley County**

*“Corn looks better now than it has in 2 years. Double cropped soybeans are up and looking good. Early beans that looked like doom a couple weeks ago, have recovered. Rainfall has varied from 3 inches to .10 inch for the week. Showers have been spotty. There looks to be a second crop of hay in our future, although thin. I've had lots of vegetable issues, especially blossom end rot.”*

**John J. Goddard, Loudon County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: July 27, 2008 (with comparisons)**

LOCATION	TEMPERATURE				PRECIPITATION						
	Week Ending July 27, 2008				Current Week 7/27/08	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	100	66	82	4	0.67	3	39.35	7.45	23.67	5.72	
Tri-City_RGNL_A	93	57	75	0	1.39	3	21.19	-3.80	10.27	-4.24	
Brownsville_TN	98	67	83	3	0.43	3	34.45	2.54	18.20	0.25	
Chattanooga/Lov	100	63	79	1	3.24	6	26.50	-5.86	12.36	-4.10	
Clarksville_Sew	97	60	80	2	2.01	2	33.46	3.40	20.33	4.09	
Cookeville	93	56	75	-2	0.90	4	28.39	-5.74	15.47	-3.46	
Covington	97	66	82	3	0.17	1	34.56	3.04	18.90	1.24	
Crossville_AP	91	56	77	4	0.24	4	28.20	-5.52	15.03	-3.49	
Dayton	98	59	78	2	1.61	4	25.24	-8.45	12.94	-4.55	
Dickson_AG	95	65	78	0	0.52	2	34.26	1.83	19.34	1.09	
Dover_1W	96	60	79	2	0.43	3	36.34	4.95	18.98	1.66	
Dyersburg	99	64	82	2	1.12	3	26.68	-3.53	13.14	-4.09	
Erwin_1W	93	60	76	4	0.21	5	20.73	-9.24	10.94	-7.38	
Huntingdon_Wate	96	62	80	3	1.27	4	36.52	4.82	19.92	2.14	
Jackson_Exp_Stn	96	64	81	3	1.67	2	42.86	11.05	24.14	5.76	
Kingston_AG	96	60	78	3	1.67	5	26.51	-8.81	13.65	-5.42	
Knoxville_AP	95	62	78	2	1.51	4	26.87	-2.55	14.65	-1.31	
Lewisburg	99	57	78	2	1.24	4	27.20	-6.30	15.40	-3.36	
Lexington_TN	96	64	81	2	1.36	2	42.84	11.97	25.48	7.96	
Linden	98	58	80	3	0.93	3	38.50	4.79	21.41	2.86	
Martin	98	61	80	2	1.14	3	35.52	3.63	17.68	-0.80	
Mc_Minnville_Tn	97	62	80	4	1.18	5	23.29	-9.24	13.20	-4.74	
Memphis_AG	100	69	84	2	0.39	3	40.35	9.42	23.05	5.79	
Milan	99	60	81	3	1.63	3	40.87	8.31	23.72	4.95	
Murfreesboro_5N	98	56	78	-2	0.81	2	27.16	-4.71	15.01	-2.92	
Nashville_Metro	97	64	81	2	0.99	2	32.03	3.36	19.21	2.93	
Newcomb	93	56	75	2	1.29	4	25.07	-7.89	14.54	-4.40	
Oneida	93	56	75	2	1.08	6	19.70	-13.26	13.97	-4.97	
Portland_TN	96	61	78	2	2.65	5	35.17	3.93	20.86	3.08	
Pulaski_Water_P	100	62	79	-1	1.33	4	31.48	-1.78	17.41	-0.28	
Savannah_6SW	98	64	82	2	2.21	4	40.05	5.38	23.00	3.97	
Sparta_TN	95	60	77	2	2.96	3	32.01	-1.24	19.99	1.46	
Springfield	97	57	78	1	2.01	2	34.06	3.97	20.60	3.54	
Springhill	95	58	78	1	0.60	2	28.71	-4.75	17.08	-1.59	
Union_City	95	58	78	-1	0.95	2	32.93	1.84	16.73	-1.01	
Waynesboro_TN	97	58	79	3	0.77	2	33.52	-1.69	19.32	0.07	

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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