



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending August 30, 2009

## WARM DAYS AND COOL NIGHTS CONTINUE TO AID CROPS

Cooler and drier temperatures this past week aided in the continued growth and development of Tennessee crops. The corn crop is drying down with growers preparing combines. Soybeans progressed well last week, but could benefit from a good soaking rain. The cotton crop showed good growth; however, more heat units are needed. Producers were busy spraying fungicides and harvesting hay, tobacco and corn silage. Pastures continue to provide adequate grazing while some producers are getting a second cutting of hay. Crops remained rated in mostly good-to-excellent condition.

There were 6 days suitable for fieldwork. Topsoil moisture levels were rated 19 percent short, 74 percent adequate, and 7 percent surplus. Subsoil moisture levels were rated 17 percent short, 77 percent adequate, and 6 percent surplus. Temperatures across Tennessee last week averaged near normal. Rainfall averaged above normal across the East while the rest of the state experienced below average amounts.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2008	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	<b>Percent</b>					<b>Percent</b>				
Corn – Dough	97	93	100	100	Corn	3	5	14	53	25
Corn – Dent	82	74	94	97	Cotton	0	1	18	55	26
Corn – Mature	17	6	35	60	Pastures	0	4	18	58	20
Corn – Silage Harvested	64	44	68	71	Soybeans	1	2	14	55	28
Cotton – Bolls Opening	8	n/a	10	26	Tobacco	0	3	15	69	13
Soybeans – Setting Pods	96	86	92	95						
Tobacco – Topped	91	82	84	88						
Tobacco – Air-Cured Harvested	43	30	48	53						
Tobacco – Fire-Cured Harvested	40	28	38	46						
Tobacco – Burley Harvested	33	19	28	40						

n/a = not available

### County Agent Comments

*“Corn crop continues to show more signs of maturity as ears and lower leaves on early planted acres dry down. Cotton continues toward maturity but with still some concern of ample accumulation of degree day heat units to take crop to full maturity. Soybeans continue to progress well with setting pods and pod filling. Most early planted acreage beans are approaching or currently in growth stage R6-R7 with pod filling occurring. Some later planted beans are still receiving fungicide applications as they reach the R3 stage of maturity. At this point all crops could use a good shower or rain (1/2 to 1 inch) to help finish off crop. Nothing for the season has suffered for water with our current rainfall season. However, if we continue to be dry over the next few weeks as all crops mature, it could possibly have some effect on ending yields.”*

**Tim Campbell, Dyer County**

*“The farmers in Fayette County would like to see a shower this weekend on some of their beans. Corn harvest will be getting started next week as well as some defoliation in cotton. Hay is being harvested. The crops look good for the most part.”*

**Jeffery D. Via, Fayette County**

*“Crop conditions remain very good. Most of the tobacco is in the barn and drying. Pastures are great for this time of year. There’s an over abundance of hay this year. Corn silage harvest began last week.”*

**Allie R. Correll, Wilson County**

*“Soybeans and pasture look good to excellent. Corn crop is more variable. Some corn looks good to excellent while other early corn was hurt by hot, dry conditions as it was trying to pollinate. Corn silage yields are also very good. Farmers have an abundance of hay of varying quality. Cattle condition is good to very good...”*

**Richard Groce, Maury County**

*“Becoming extra dry and probably as dry as we have been about all summer..temps are moderate..need some moisture so as to keep everything green...”*

**Ron Johnson, Overton County**

*“This week has been the best opportunity farmers have had to put up second cutting hay. We have had an excellent growing season.”*

**Neal Denton, Knox County**

*“Pasture remains good with better than average soil moisture for late summer.”*

**Chris Ramsey, Sullivan County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: August 30, 2009 (with comparisons)**

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 30, 2009				Current Week 8/30/09	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	91	56	75	-3	0.00	0	41.70	6.45	29.25	7.77
Brownsville_TN	90	58	75	-3	0.09	1	38.37	3.06	28.09	6.58
Covington	88	57	73	-4	0.19	1	41.87	7.53	30.31	9.65
Dyersburg	90	57	74	-4	0.00	0	41.27	7.54	32.51	11.60
Huntingdon_Wate	89	56	73	-3	0.10	1	41.20	5.89	28.36	6.81
Jackson_Exp_Stn	91	56	75	-2	0.00	0	36.09	1.12	24.97	3.28
Lexington_TN	89	57	73	-4	0.10	1	34.96	0.79	24.89	3.91
Martin	92	56	74	-3	0.11	1	38.43	2.83	25.79	3.43
Memphis_AG	92	59	76	-4	0.17	1	45.02	10.42	31.43	10.32
Milan	92	54	74	-2	0.00	0	35.59	-0.73	24.62	1.92
Paris	89	55	73	-3	0.12	1	35.93	0.68	23.03	1.29
Savannah_6SW	91	55	74	-4	0.02	1	33.45	-4.77	21.63	-1.13
Selmer	91	56	74	-2	0.17	2	37.34	-0.08	26.79	4.61
Union_City	88	54	71	-4	0.00	0	43.02	8.30	31.11	9.57
Middle										
Clarksville_Sew	91	56	73	-2	0.01	1	38.65	4.48	25.15	4.63
Cookeville	86	57	71	-3	0.01	1	43.49	4.78	29.35	5.67
Crossville_AP	84	58	70	-2	0.56	3	46.00	7.84	31.90	8.76
Dickson_AG	88	57	73	-3	0.02	1	41.70	5.34	28.93	6.58
Dover_1W	89	58	73	-3	0.14	1	43.97	8.60	29.60	8.13
Fayetteville_TN	91	54	75	-1	0.23	3	34.44	-1.90	22.44	1.38
Jamestown	85	55	70	-2	0.02	1	46.80	9.32	32.70	9.06
Kingston_Spring	92	54	73	-2	0.01	1	38.31	3.48	26.04	5.18
Lawrenceburg_Fl	88	55	72	-2	0.17	2	32.48	-5.21	23.29	1.42
Lewisburg	90	52	72	-4	0.25	1	32.45	-4.64	23.46	0.95
Linden	89	54	72	-3	0.68	2	40.83	3.20	31.02	8.38
Livingston_WLIV	87	58	71	-3	0.07	1	47.87	11.79	33.73	11.17
Murfreesboro_5N	90	57	73	-4	1.96	3	37.75	1.79	26.57	4.39
Nashville_Metro	90	58	75	-3	0.10	2	35.64	3.27	25.30	5.17
Oneida	87	55	69	-3	1.27	3	47.13	9.57	35.55	11.86
Portland_TN	90	57	72	-3	0.92	1	41.39	6.21	27.29	5.41
Pulaski_Water_P	88	56	72	-5	0.09	1	35.68	-1.31	25.47	3.87
Shelbyville	91	55	75	-2	0.63	1	33.15	-4.08	22.25	-0.10
Sparta_TN	88	54	72	-3	0.40	3	46.00	8.54	30.88	7.99
Springfield	91	54	73	-2	1.06	1	35.45	1.72	25.80	4.94
Springhill	90	56	73	-3	0.70	3	38.36	1.03	27.77	5.05
Tullahoma	88	56	73	-3	0.06	1	33.56	-4.77	21.95	-0.41
East										
Chattanooga/Lov	91	64	77	-1	1.76	4	31.14	-5.05	17.99	-2.47
Cleveland_6NNE	88	62	74	-2	1.06	5	38.75	1.64	28.44	6.89
Dayton	88	59	74	-2	0.47	2	36.55	-1.54	26.00	3.93
Erwin_1W	86	61	72	3	0.53	5	35.43	0.77	26.87	3.72
Gatlinburg_2SW	85	59	71	0	1.24	4	43.67	3.91	30.94	5.12
Greeneville	88	58	72	-1	0.96	3	31.30	1.23	22.13	2.75
Kingston_AG	88	62	74	2	0.74	2	42.18	2.14	29.03	5.07
Knoxville_AP	89	62	74	-2	3.74	3	41.85	9.01	28.96	9.44
Newcomb	87	57	71	0	0.52	3	45.92	8.36	32.30	8.61
Norris_4NE	85	57	71	-4	0.53	3	42.84	6.48	28.80	6.33
Tri-City_RGNL_A	88	58	72	0	0.15	3	31.02	2.58	20.88	2.81

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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