



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the Week Ending August 3, 2014

## MOST AREAS IN NEED OF RAIN; COTTON IN NEED OF HEAT

There is general consensus that a good, soaking rain is needed across most of the State to minimize plant and pasture stress. Even through these weather conditions, both corn and soybeans are expected to produce good yields. Cool temperatures last week limited heat units for cotton, causing some producer concern. There were 6.5 days suitable for field work last week. Topsoil moisture levels were rated 6 percent very short, 33 percent short, 59 percent adequate and 2 percent surplus. Subsoil moisture levels were rated 5 percent very short, 28 percent short, 64 percent adequate, and 3 percent surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2013	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	<b>Percent</b>					<b>Percent</b>				
Corn – Silking	99	96	95	98	Corn	1	4	19	54	22
Corn - Dough	71	46	71	78	Cotton	1	6	25	56	12
Cotton – Squaring	98	95	86	97	Soybeans	1	4	20	58	17
Cotton – Setting Bolls	69	55	45	72	Tobacco	1	3	36	48	12
Soybeans – Blooming	75	64	54	77	Pasture	1	12	35	49	3
Soybeans – Setting Pods	47	32	29	52						
Tobacco - Topped	50	32	47	48						
Wheat – Harvested	96	94	100	100						

### County Agent Comments

All crops are progressing well. Grain sorghum acres in general are looking good. Sorghum webworm and other worms are being found in grain sorghum, resulting in some insecticide spraying. Fungicide applications are being applied on early planted soybeans. Frog eye leaf spot remains light but is present in some fields. Corn continues to fill the ear. Some early planted corn beginning to show signs of firing up on bottom leaves of plant as it begins to reach maturity. Cotton progressing as well as expected; however, continued cool weather not helping with maturation processes. Growers continue to battle weed issues but overall have done a pretty decent job in controlling weeds so far this year.

**Tim Campbell, Dyer County**

Corn and soybeans are in excellent condition and should have good yields this fall. Cotton is in fair condition and simply needs more heat units for normal growth. Cattle and pastures are in good condition.

**J.C. Dupree, Lauderdale County**

The farmers in Fayette County had a good week spraying pests. The temperatures were cooler this week, not like July. All crops look good. Hay is being cut.

**Jeff Via, Fayette County**

The county is coming off of the first week in which rain activity did not stop work. Corn, soybeans, and pastures all look very good. Cotton, on the other hand, is in need of heat. It appears the county is repeating last year's weather. In regards to the corn crop all indicators are pointing to a bumper crop. In a side note, vegetable growers saw several incidents of split tomatoes due to infrequent rains.

**Walter Battle, Haywood County**

Dry weather conditions have soybeans wilting by mid-day in the eastern half of the county. It has been approximately two weeks since any measurable precipitation has fallen county wide. Cooler than normal temperatures are helping crops, but a general rain event would be most helpful. Producers are making the first herbicide application to double-crop soybeans and fungicide applications to select fields.

**Jeff Lannom, Weakley County**

We need RAIN.... badly.

**Laurie Mobley, Houston County**

We still have not had a general rainfall so moisture stress continues. Tobacco growers continue to irrigate, and cutting tobacco is underway. Pastures have rapidly depleted and opportunity for fall hay crop looks doubtful.

**Paul Hart, Robertson County**

Giles County is beginning to dry up. Very little rain has been received over the past two weeks.

**Kevin Rose, Giles County**

Things are looking pretty good overall, but cotton could benefit from more heat. Milo is headed out and warm season forages are growing well. Farmers took advantage of lower humidity this past week to put up hay and Bermuda and Johnson grass mixed hay.

**Mitchell Mote, Rutherford County**

Late soybeans are in need of rain. Silage corn is being chopped. The first tobacco was harvested this week.

**A. Ruth Correll, Wilson County**

We had another cooler than normal week with lows in the mid to upper 50's and highs in the low to mid 80's. Thunderstorms early Monday morning produced varied rain totals from 0.10 to nearly two inches in isolated areas, with .25 to .50 inch being the most common totals reported. The corn crop is 80% dough to dent stage. Soybeans continue to look good, but need rain in drier areas of the county. Producers continue to apply herbicides to double crop beans and fungicides to single crop beans. Pastures are holding, but could use a rain. Producers continue to harvest second cutting hay.

**Ed Burns, Franklin County**

During last week's storm some hail damage was reported on corn. Second-cutting hay harvest continues. Of recent, weekly rain has helped maintain good soil moisture for most of the county.

**John Wilson, Blount County**

Corn silage has begun with excellent yields being reported. Apple growers are picking a good crop of Ginger Gold and Gala. Homeowners are reporting a lot of leaf spot diseases on tomatoes, and there is plenty of great sweet corn.

**Patrick Sweatt, Bradley County**

Sunday 7-27-14. F3 tornado touched down in the Doaks Creek area of eastern Campbell County. Heavy rains and wind speeds of 143 mph but no hail. No crop damage other than some home gardens but approximately 5-6 miles of fencing will have to be replaced.

**Steve Edwards, Campbell County**

Most rain has missed us this week. Rain is needed. Some first cutting hay and much second cutting hay still uncut due to weather forecasts.

**John Goddard, Loudon County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: August 3, 2014 (with comparisons)**

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 3, 2014				Current Week 08/03/14	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	92	55	74	-6	0.00	0	46.89	11.79	32.30	11.70
Bolivar_Wtr_Wks	90	54	73	-8	0.01	1	39.92	5.92	24.00	4.36
Brownsville	93	57	75	-7	0.00	0	37.39	4.52	23.28	4.22
Covington_3SW	92	55	72	-9	0.18	1	34.79	1.71	22.71	3.52
Dresden	90	55	72	-7	0.00	0	36.28	1.78	23.90	3.06
Dyersburg_AP	93	55	74	-8	0.00	0	27.26	-4.00	18.83	0.24
Henderson_4W	91	53	72	-9	0.00	0	47.47	12.96	29.37	8.74
Huntingdon_Wate	94	55	73	-4	0.00	0	39.37	6.17	26.49	7.33
Jackson_Exp_Stn	93	54	73	-8	0.00	0	37.95	4.08	23.66	3.67
Lexington_Ag	92	54	73	-8	0.00	0	37.96	5.56	25.01	5.95
Memphis_WFO	92	58	76	-6	0.00	0	38.76	5.79	24.24	4.76
Milan_Exp_Stn	94	53	73	-5	0.00	0	33.03	-0.40	19.48	-0.17
Paris_2SE	91	54	72	-7	0.00	0	32.76	-0.24	18.60	-0.46
Selmer	92	54	74	-6	0.00	0	40.63	4.94	27.46	7.09
Union_City_AP	90	54	71	-8	0.00	0	26.03	-5.91	17.96	-1.28
Middle										
Bethpage_1S	96	53	72	-7	0.00	0	25.96	-6.56	13.36	-5.24
Carthage	92	53	73	-6	0.37	1	29.92	-3.38	18.13	-1.04
Centerville_4NE	89	54	70	-9	0.06	1	37.20	3.13	24.68	4.92
Cheatham_L_D	92	54	72	-6	0.13	1	27.26	-4.93	16.07	-2.43
Clarksville_AP	96	54	74	-6	0.00	0	20.22	-11.82	10.37	-7.96
Coalmont	85	48	67	-9	1.03	2	36.90	-2.27	24.52	3.31
Columbia_3WNW	92	54	72	-7	0.17	1	35.65	0.40	22.91	2.92
Cookeville	89	52	70	-7	0.56	1	27.45	-7.98	15.54	-4.27
Crossville_AP	87	51	70	-6	0.24	1	27.17	-8.76	18.34	-2.04
Dover_1W	94	58	74	-5	0.00	0	26.45	-4.92	12.45	-5.35
Fayetteville_Wt	90	53	74	-5	0.05	1	33.03	-1.60	22.96	4.29
Hohenwald	89	55	71	-9	0.00	0	41.98	5.71	28.69	8.17
Jamestown	88	50	68	-6	0.81	1	31.18	-3.53	19.34	-1.07
Kingston_Spring	94	54	73	-5	0.00	0	28.64	-3.42	17.40	-0.88
Lobelville	90	55	72	-7	0.05	1	42.13	6.56	28.89	8.58
Monteagle	86	53	69	-7	0.73	3	37.52	-1.47	24.78	3.75
Murfreesboro_5N	92	54	72	-8	0.33	2	34.56	1.15	22.66	3.64
Nashville_Metro	94	58	75	-5	0.24	1	29.90	0.19	17.84	0.66
Shelbyville_Wtr	88	56	74	-6	0.43	1	24.04	-8.31	12.54	-5.00
Sparta_WWTP	92	52	71	-7	0.70	1	38.17	3.03	24.63	5.03
Springfield_Exp	95	54	73	-5	0.36	1	30.20	-1.71	16.65	-2.14
Tennessee_Ridge	93	57	73	-6	0.25	1	27.43	-7.49	15.04	-5.02
Thompson_Statio	94	56	74	-6	0.12	2	36.09	0.79	24.02	4.46
Wartrace_6E	86	55	69	-9	0.00	0	27.96	-9.27	16.10	-4.03
Waynesboro_Ag	92	55	73	-5	0.08	2	36.38	-1.80	23.96	2.03
East										
Athens	92	55	73	-5	0.20	1	33.61	-2.47	22.55	3.79
Chattanooga_Lov	94	58	75	-6	0.70	3	25.02	-9.03	15.01	-2.60
Gatlinburg_2SW	87	49	67	-7	3.00	3	30.96	-5.87	19.38	-2.76
Greeneville_Exp	90	49	70	-4	1.16	1	23.16	-5.48	14.94	-2.50
Kingston_Ag	92	55	73	-3	0.46	2	32.95	-4.99	21.67	0.32
Knoxville_AP	90	54	72	-7	1.41	3	25.83	-5.69	15.56	-2.21
Lenior_City	92	52	71	-8	0.49	3	28.56	-5.38	17.78	-0.67
Morristown_Radi	85	52	70	-8	3.48	3	31.12	1.16	20.21	3.04
Oak_Ridge	92	54	74	-5	3.19	3	33.08	-1.61	21.41	1.75
Roan_Mtn_2SE	80	44	63	-5	1.04	5	22.75	-8.26	14.11	-3.99
Rogersville_1NE	84	50	69	-7	1.21	3	26.55	-1.70	16.56	0.10
Townsend_5S	84	48	66	-9	1.49	2	27.93	-9.08	16.86	-5.46
Tri-City_RGNL_A	84	51	70	-5	1.55	1	20.83	-5.98	13.50	-2.48

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) measured in inches.