



Tennessee Crop Weather

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For the Week Ending July 3, 2016

PASTURES IN NEED OF RAIN; GENERAL RAINFALL NEEDED

Rains at the beginning of the week in Middle Tennessee boosted crop conditions, improved soil conditions, and brought welcome relief from high humidity. The bulk of corn in the area is pollinating and soybean planting is coming to an end. Little rainfall over the eastern part of the State resulted in pastures remaining thin and some producers feeding hay for the third consecutive week. Despite limited rainfall in West Tennessee, crops are progressing well. There were 5.9 days suitable for field work. Topsoil moisture was 10 percent very short, 34 percent short, 53 percent adequate and 3 percent surplus. Subsoil moisture levels were 7 percent very short, 38 percent short, 54 percent adequate, and 1 percent surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2015	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	55	24	46	54	Wheat	0	2	14	49	35
Cotton - Squaring	50	40	45	49	Corn	1	7	22	47	23
Cotton – Setting Bolls	6	1	3	3	Soybeans	1	5	21	49	24
Soybeans - Emerged	92	78	81	82	Cotton	1	2	18	62	17
Soybeans - Blooming	15	6	10	14	Pasture	5	18	36	38	3
Wheat - Mature	99	97	98	99	Cattle	1	4	24	60	11
Wheat – Harvested	94	84	91	89						
Tobacco - Transplanted	94	82	92	94						
Hay – First Cutting	94	90	94	96						

County Agent Comments

- All crops progressing well. Could use a good general soaking rain.*

Tim Campbell, Dyer County
- Corn, cotton, and soybeans are looking good in the county but are in much need of a rain, especially newly planted soybeans and silking corn. Rain is in forecast. Overall, cattle and pastures are in good to excellent condition.*

J.C. Dupree, Lauderdale County
- The farmers in Fayette County had another dry week where they could spray pests. Crops look good but a rain would help.*

Jeff Via, Fayette County
- Scattered showers have helped some fields. Wheat harvesting is complete and soybean planting is nearing its end.*

Walter Battle, Haywood County
- Scattered rainfall left parts of the county with up to 1.5" of rain, while other areas received little to no precipitation. A couple of days of cooler temperatures have helped pollinating corn, but corn is suffering in those areas with depleted soil moisture. Soybean planting is complete with a few producers re-planting scattered acreage. Soybean post-emerge spraying is on-going.*

Jeff Lannom, Weakley County
- Early week rains helped boost crop conditions and significantly improved soil moisture levels throughout the county. This front also brought cooler and less humid air that was refreshing to all. Hay cutting and bean planting behind wheat were back in full swing by mid-week.*

Calvin C. Bryant, Lawrence County
- Our rain has been very spotted in some places to dry in othes. Where the rain has hit things look good but in other places they are looking bad. Some pastures have dried up and the second cutting of hay is not looking good.*

Larry Moorehead, Moore County
- Rain showers this week. Some areas received 2-3 inches and others less than an inch. Crops look good except for water-logged spots.*

A. Ruth Correll, Wilson County

Field crop conditions worsened just slightly last week as most of the county received little to no rainfall for the third week in a row. Late group four soybeans started blooming approximately two weeks ago and both wheat and first cutting hay harvests inched closer to completion. A few livestock producers began feeding hay as pasture grass growth has slowed. Overall, the county's condition was what would be expected of a U.S. Drought Monitor D2 (severe drought) classification.

Matthew Deist, Marion County

A front at the beginning of the week produced a line of thunderstorms that produced scattered to isolated rain ranging from a trace to about 0.75 inch in a few isolated areas. Temperatures behind the front have been more moderate with highs in the mid to upper 80's. The bulk of the corn is pollinating. Soybean planting finished up this week.

Ed Burns, Franklin County

One inch of rain this week! First cutting of hay is complete. Corn and beans look good now. Temperatures reaching the 90s for most of the week.

John Goddard, Loudon County

We have several producers in the third week of feeding hay.

Larry Mitchell, Meigs County

Continued dry over county. Less than 1 inch rain over last week in small areas. Crop loss occurring.

R. Greg Preston, Polk County

Finally received a wide spread inch of rain. Too late on a few things but huge help to pastures and wheat beans. Some cattle producer's already feeding hay. Many pastures are thin and cattle body conditions are beginning to suffer, especially cows with calves.

Mannie Bedwell, Hamblen County

This week we saw little rain again and starting to see some dry top soil in places. Corn and soybeans are doing okay right now but some rain would help. Hay fields are bouncing back and looking good for a second cut.

Keith Jacob Boone, Hancock County

TEMPERATURES AND PRECIPITATION
 For week ending: July 3, 2016 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 3, 2016				Current Week 07/03/2016	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	95	60	80	2	0.35	2	29.97	-1.33	11.62	-4.71
Bolivar_Wtr_Wks	95	60	79	1	0.44	3	28.85	-1.35	11.93	-3.73
Brownsville	93	63	80	2	0.27	2	38.13	8.82	16.01	0.81
Covington_3SW	91	63	78	-3	0.25	2	32.35	3.14	14.37	-0.77
Dresden	92	59	77	-2	1.01	4	26.48	-3.39	11.96	-4.08
Dyersburg_AP	91	63	79	-2	0.40	5	25.53	-1.78	11.42	-3.06
Henderson_4W	92	58	78	-2	0.90	2	34.80	4.69	15.62	-0.45
Huntingdon_Wate	94	57	78	3	0.39	3	26.94	-1.92	8.88	-5.64
Jackson_Exp_Stn	94	60	79	2	0.23	2	31.94	1.83	13.02	-3.05
Lexington_Ag	95	57	78	-1	0.15	1	23.97	-4.22	9.81	-4.88
Memphis_WFO	95	65	81	2	1.28	2	39.50	10.68	15.34	0.18
Milan_Exp_Stn	94	58	78	3	1.08	3	28.02	-1.21	8.98	-6.31
Paris_2SE	92	57	76	-2	1.17	4	30.68	1.81	13.31	-1.46
Selmer	98	60	80	3	0.05	1	24.64	-6.86	9.98	-6.02
Union_City_AP	93	61	77	-1	0.55	5	26.25	-1.79	12.04	-3.14

Middle										
Bethpage_1S	90	58	75	-3	1.09	2	26.23	-2.61	15.32	0.56
Carthage	93	57	76	0	0.62	2	23.33	-5.21	12.58	-1.68
Centerville_4NE	91	55	74	-4	0.50	2	24.32	-5.34	11.42	-3.76
Cheatham_L_D	99	56	76	0	2.35	2	28.33	-0.22	16.11	1.40
Clarksville_AP	93	55	77	-2	1.27	3	26.16	-1.84	12.79	-1.35
Coalmont	87	52	73	-2	0.01	1	29.73	-4.27	14.31	-1.53
Columbia_3WNW	94	55	76	1	0.30	2	20.82	-9.63	10.10	-4.91
Cookeville	93	56	74	-2	1.94	2	27.11	-3.81	13.49	-1.64
Crossville_AP	86	54	73	0	0.39	2	23.25	-7.77	10.38	-4.92
Dover_1W	93	57	78	2	2.09	4	31.04	2.47	14.78	0.54
Fayetteville_Wt	93	57	77	1	0.59	3	32.50	1.46	15.50	0.92
Franklin	87	53	72	-5	0.84	3	21.22	-7.94	9.81	-4.78
Hohenwald	91	55	75	-3	1.46	2	26.00	-5.61	12.01	-3.66
Jamestown	88	54	73	1	1.51	2	23.74	-6.33	11.57	-3.90
Kingston_Spring	96	55	77	1	0.42	5	23.28	-4.97	10.91	-3.41
Lobelville	95	56	77	0	1.19	3	28.00	-3.33	12.15	-3.75
Monteagle	87	56	73	-1	1.41	1	28.29	-5.71	12.43	-3.41
Murfreesboro_5N	93	56	77	0	0.20	2	23.01	-6.06	10.96	-3.56
Nashville_Metro	95	59	79	2	0.56	4	19.24	-6.89	8.40	-5.06
Shelbyville_Wtr	92	58	78	2	0.03	1	23.62	-6.96	9.13	-5.72
Sparta_WWTP	93	56	75	-2	0.36	2	25.29	-5.52	13.00	-2.11
Springfield_Exp	95	57	77	1	0.67	2	25.82	-2.15	14.01	-0.69
Tennessee_Ridge	93	57	77	0	1.05	5	27.61	-2.90	12.12	-3.36
Wartrace_6E	88	58	74	-3	0.30	1	25.88	-6.82	12.83	-2.58
Waynesboro_Ag	92	55	78	3	1.50	1	28.05	-5.16	13.48	-3.29

East										
Athens	94	60	78	3	1.33	2	25.74	-5.92	12.24	-1.91
Chattanooga_Lov	97	64	82	5	0.03	2	18.99	-10.55	5.70	-7.23
Gatlinburg_2SW	90	56	73	2	0.05	1	21.22	-10.03	11.37	-5.03
Greeneville_Exp	95	55	76	4	0.64	2	19.52	-4.81	10.73	-2.15
Kingston_Ag	92	61	77	3	0.35	2	23.22	-9.62	9.42	-6.48
Knoxville_AP	94	63	80	4	0.26	1	23.76	-3.30	11.42	-1.74
Lenior_City	94	60	77	0	1.06	4	23.49	-6.17	10.20	-3.80
Morristown_Radi	92	61	78	3	0.03	1	18.59	-6.96	8.72	-3.91
Oak_Ridge	94	62	80	5	0.05	1	25.65	-4.48	11.28	-3.34
Roan_Mtn_2SE	85	52	69	4	0.51	3	17.28	-9.70	7.82	-6.10
Rogersville_1NE	90	59	76	2	0.03	1	20.56	-3.76	9.43	-2.98
Townsend_5S	86	51	70	-3	0.08	1	28.17	-3.08	14.67	-1.73
Tri-City_RGNL_A	92	59	77	4	0.30	1	17.76	-5.07	9.52	-2.37

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.