



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 20, 2008

Spotty Showers Leave State Needing More Rain

The plentiful rainfall from two weeks ago did not last, as seasonably dry, hot weather returned last week. Farmers across the State made good progress with field activities, but the dry weather is beginning to adversely impact the condition of crops. Just over a quarter of the corn crop has reached the dough stage, almost a week behind normal. Cotton remained in mostly good condition with nearly half of the crop setting bolls. Soybeans are beginning to stress, but the crop still remains in mostly good-to-fair condition. Over half of the crop was blooming with just under a third setting pods. Nearly a quarter of the State's tobacco has been topped and was rated in mostly good-to-fair condition. Some farmers were also able to make progress on their second cuttings of hay.

There were six days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 13 percent very short, 45 percent short, and 42 percent adequate. Subsoil moisture levels were rated 20 percent very short, 39 percent short, and 41 percent adequate. Temperatures across Tennessee last week average about 1 degree below normal and precipitation averaged well below normal.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2007	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Silking	88	77	95	95	Corn	2	7	28	47	16
Corn – Dough	26	6	51	49	Cotton	0	5	23	62	10
Cotton – Squaring	96	82	98	97	Hay	5	13	36	39	7
Cotton – Setting Bolls	46	14	64	52	Pastures	6	18	38	34	4
Soybeans – Blooming	54	38	66	58	Soybeans	4	10	26	49	11
Soybeans – Setting Pods	29	15	39	34	Tobacco	0	5	25	59	11
Tobacco – Topped	22	10	20	22						

County Agent Comments

“Corn is in full tassel and we are getting a few small showers to help. Soybean planting is done. Cattle producers are spraying cattle or fly tagging them to control flies.”

Steve Glass, Decatur County

“This past weekend brought much needed moisture with reports of 1.5 to 2.5 inches county wide. Some corn suffered too much heat and dry weather and will affect yields negatively. Soybeans have started blooming after receiving rain. Producers were able to start making post-emerge herbicide applications to double-crop soybeans. Additional rainfall will be needed soon to keep crops growing and to protect yields.”

Jeff Lannom, Weakley County

“Nearly 5 inches of rainfall blanketed the county last week, which drastically improved crop conditions. The rain did, however, bring some storms which caused some of our dark tobacco to be blown over, twisted, and damaged. Pastures are slowing looking better and all cultivated crops have greatly improved.”

Ronnie Barron, Cheatham County

“Giles County is getting in desperate need for moisture. Pastures are drying up fast. Corn is at critical time for water. Late planted beans have had very little moisture. Some areas of the county received rain last week where most did not.”

Kevin Rose, Giles County

“Continued hot and dry weather is taking its toll! Temperatures continue to hit the 90 plus mark, with little or no rain activity. Pastures are quickly running thin and beginning to brown. Producers are having to begin feeding hay to supplement declining pastures. Very little to no hay is being produced for second harvest, several fields being grazed rather than cut.”

Ed Burns, Franklin County

“Most of the area received much needed rain (1.5 to 2.25 inches) early in the week. All crops responded quite favorably, however crops need more moisture by the end of the week. Late planted soybeans behind wheat are up to a good stand and are making good growth. The situation with livestock water supplies has improved with the rains of the past two weeks. Producers are harvesting a short second cutting of hay with hay supplies better than this time last year.”

Bob Slinger, Monroe County

TEMPERATURES AND PRECIPITATION
For week ending: July 20, 2008 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION						
	Week Ending July 20, 2008				Current Week 7/20/08	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	97	59	77	-2	0.00	0	38.68	7.71	23.00	5.98	
Tri-City_RGNL_A	91	56	72	-3	0.26	1	19.80	-4.24	8.88	-4.68	
Brownsville_TN	96	63	79	-2	0.00	0	34.02	3.05	17.77	0.76	
Chattanooga/Lov	94	65	79	-1	0.50	1	23.26	-8.01	9.12	-6.25	
Clarksville_Sew	95	61	78	0	0.01	1	31.45	2.30	18.32	2.99	
Cookeville	90	57	74	-3	0.00	0	27.49	-5.42	14.57	-3.14	
Covington	94	62	77	-4	0.70	1	34.39	3.73	18.73	1.93	
Crossville_AP	88	56	73	-2	0.01	1	27.96	-4.59	14.79	-2.56	
Dayton	89	61	75	-2	0.92	1	23.63	-8.96	11.33	-5.06	
Dickson_AG	91	57	75	-4	0.00	0	33.74	2.28	18.82	1.54	
Dover_1W	92	60	76	-2	0.00	0	35.91	5.51	18.55	2.22	
Dyersburg	99	63	80	-2	0.00	0	25.56	-3.71	12.02	-4.27	
Erwin_1W	90	56	72	0	0.34	1	20.52	-8.21	10.73	-6.35	
Huntingdon_Wate	94	61	77	-3	0.00	0	35.25	4.55	18.65	1.87	
Jackson_Exp_Stn	95	61	78	-2	0.00	0	41.19	10.27	22.47	4.98	
Kingston_AG	91	59	76	0	0.30	1	24.84	-9.19	11.98	-5.80	
Knoxville_AP	92	64	76	-1	2.30	1	25.36	-3.05	13.14	-1.81	
Lewisburg	95	54	74	-3	0.14	1	25.96	-6.40	14.16	-3.46	
Lexington_TN	93	60	77	-3	0.90	1	41.48	11.62	24.12	7.61	
Linden	94	58	76	-3	0.09	1	37.57	4.89	20.48	2.96	
Martin	96	61	79	-1	0.00	0	34.38	3.55	16.54	-0.88	
Mc_Minnville_Tn	93	62	78	1	0.11	1	22.11	-9.37	12.02	-4.87	
Memphis_AG	97	61	80	-4	0.34	1	39.96	9.87	22.66	6.24	
Milan	96	60	77	-2	0.00	0	39.24	7.63	22.09	4.27	
Murfreesboro_5N	94	57	74	-5	0.12	1	26.35	-4.43	14.20	-2.64	
Nashville_Metro	93	63	78	-2	0.16	1	31.04	3.28	18.22	2.85	
Newcomb	89	55	72	-2	0.03	1	23.78	-7.99	13.25	-4.50	
Oneida	90	57	73	-1	0.11	1	18.62	-13.15	12.89	-4.86	
Portland_TN	92	62	77	-1	0.80	1	32.52	2.23	18.21	1.38	
Pulaski_Water_P	94	58	75	-5	0.00	0	30.15	-2.09	16.08	-0.59	
Savannah_6SW	95	59	78	-3	0.00	0	37.84	4.11	20.79	2.70	
Sparta_TN	92	56	74	-2	0.00	0	29.05	-3.00	17.03	-0.30	
Springfield	93	59	75	-2	0.05	1	32.05	2.91	18.59	2.48	
Springhill	94	59	75	-3	0.00	0	28.11	-4.27	16.48	-1.11	
Union_City	93	61	77	-3	0.00	0	31.98	1.79	15.78	-1.06	
Waynesboro_TN	95	54	75	-2	0.00	0	32.75	-1.29	18.55	0.47	

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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