



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov
In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; July 28, 2014

For the Week Ending July 27, 2014

COTTON IN NEED OF HEAT UNITS

The past week was very favorable for field work. Rains varied greatly across the State, providing some crops with needed moisture while leaving others stressed. With temperatures remaining cooler than normal, however, cotton growers are still concerned that the crop will not receive adequate heat units. A good general rain is still needed in some parts of the State. There were 6.0 days suitable for field work last week. Topsoil moisture levels were rated 3 percent very short, 21 percent short, 71 percent adequate and 5 percent surplus. Subsoil moisture levels were rated 2 percent very short, 20 percent short, 73 percent adequate, and 5 percent surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2013	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Silking	96	90	91	96	Corn	1	4	19	54	22
Corn - Dough	46	29	54	64	Cotton	2	5	23	58	12
Cotton – Squaring	95	82	76	92	Soybeans	1	2	18	63	16
Cotton – Setting Bolls	55	30	19	54	Tobacco	1	3	30	54	12
Soybeans – Blooming	64	47	39	66	Pasture	1	9	31	54	5
Soybeans – Setting Pods	32	16	18	38						
Tobacco - Topped	32	13	27	34						
Wheat – Harvested	94	91	100	100						

County Agent Comments

The farmers in Fayette County have been busy spraying pests. Other activities included adding fertilizer to milo. Hay harvest is taking place. Crops look good for the most part. Many acres were lost to flooding.

Jeff Via, Fayette County

Everything is benefitting from the light rains. The corn crop is shaping-up very nicely. Rains have caused considerable late plantings in soybeans. The cotton crop just simply needs some warmer weather.

Walter Battle, Haywood County

A dry week across the county allowed some soybean producers a chance to replant fields with poor stands. Fungicide has been applied to some full-season soybeans and herbicide applications are being made to soybeans planted behind wheat. Corn is moving toward maturity with many producers excited about yield prospects.

Jeff Lannom, Weakley County

We got 2 to 3 inches of rain last week and things are looking good. Pastures and hay made a big turn around and will help future hay reserves.

Larry Moorehead, Moore County

Good steady soaking rain last weekend supplied from 2-3 inches of welcome moisture and scattered showers of 0.25 to nearly an inch Wednesday night has greened up grass and given a boost to most everything. Many home gardeners are seeing a fair amount of disease and insect pressure.

Mitchell Mote, Rutherford County

Lack of adequate rainfall and high temperatures during the last three weeks has depleted the topsoil and subsoil moisture levels. Pastures are showing signs of moisture stress.

David Cook, Davidson County

Rains continue but amounts vary greatly, showers and storms the first half of the week produced from less than a half inch to as much as two inches in isolated areas. Temperatures continue to be cooler than normal. Soybean producers are busy applying herbicides to double crop beans and finishing fungicide applications to single crop beans. Single crop beans range from R3 to R6, wheat beans are early vegetative to R1. The corn crop is all but made with 40% in the dent, 50% in the dough and 10% in the roasting ear stage. Producers continue to harvest second cutting of hay and pastures are lush to short depending on rainfall.

Ed Burns, Franklin County

Rain seen throughout the county this week and the temperatures were favorably cool in the low 80's. Crops in general are looking good even those planted a tad late. All corn should be through the silking stage (R1) and the blister stage (R2). Some farmers report some corn already in the dent stage (R5). Soybeans are blooming and some have started setting pods. This year be aware of a pest that has made its presence known, the kudzu bug. Once positively ID'd (call your county agent) treating with Bifenthrin 6.4 oz/acre (20 acre/gal)(0.10 lbs AI/Acre) when immatures are first detected at 1 nymph/sweep should provide ideal control. Thereafter, use 2 bugs/sweep if populations build again (CREDIT: CLEMSON EXT.)

Matthew Deist, Marion County

Producers are cutting second-crop hay as weather permits. Overall hay crop is reported as much shorter than normal. Double-crop soybeans are making good progress with the recent rain showers.

John Wilson, Blount County

Pasture has greatly improved.

Chris Ramsey, Sullivan County

TEMPERATURES AND PRECIPITATION
For week ending: July 27, 2014 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 27, 2014				Current Week 07/27/14	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	59	76	-5	2.37	1	46.89	12.57	32.30	12.48
Bolivar_Wtr_Wks	90	60	75	-5	0.54	1	39.91	6.65	23.99	5.09
Brownsville	93	61	77	-5	0.00	0	37.39	5.31	23.28	5.01
Covington_3SW	92	59	75	-7	0.00	0	34.61	2.28	22.53	4.09
Dresden	91	60	75	-5	0.00	0	36.28	2.70	23.90	3.98
Dyersburg_AP	93	61	77	-5	0.41	1	27.26	-3.20	18.83	1.04
Henderson_4W	90	57	74	-7	0.75	1	47.47	13.79	29.37	9.57
Huntingdon_Wate	92	59	75	-3	0.00	0	39.37	7.10	26.49	8.26
Jackson_Exp_Stn	92	59	76	-5	1.19	1	37.95	4.91	23.66	4.50
Lexington_Ag	90	59	74	-7	2.02	1	37.96	6.39	25.01	6.78
Memphis_WFO	94	61	77	-5	0.00	0	38.76	6.58	24.24	5.55
Milan_Exp_Stn	93	58	76	-2	0.00	0	33.05	0.46	19.50	0.69
Paris_2SE	91	57	74	-5	0.00	0	32.76	0.68	18.60	0.46
Selmer	92	59	76	-4	0.00	0	40.63	5.75	27.46	7.90
Union_City_AP	91	57	74	-6	0.37	1	26.03	-5.10	17.96	-0.47
Middle										
Bethpage_1S	93	56	76	-4	0.01	1	25.96	-5.66	13.36	-4.34
Carthage	90	59	76	-2	0.37	5	29.55	-2.72	17.76	-0.38
Centerville_4NE	86	60	73	-6	0.06	1	37.14	3.92	24.62	5.71
Cheatham_L_D	91	57	76	-3	0.30	2	27.13	-4.27	15.94	-1.77
Clarksville_AP	93	54	78	-2	0.00	0	20.22	-10.98	10.37	-7.12
Coalmont	85	54	71	-5	2.97	3	35.87	-2.23	23.49	3.35
Columbia_3WNW	90	58	74	-4	0.33	1	35.48	1.21	22.74	3.73
Cookeville	88	57	74	-4	0.73	4	26.89	-7.46	14.98	-3.75
Crossville_AP	84	57	73	-2	2.10	3	26.93	-7.95	18.10	-1.23
Dover_1W	92	58	77	-2	0.00	0	26.45	-4.02	12.45	-4.45
Fayetteville_Wt	91	61	77	-1	0.08	2	32.98	-0.88	22.91	5.01
Hohenwald	87	59	74	-6	0.01	1	41.98	6.69	28.69	9.15
Jamestown	86	54	72	-2	0.87	3	30.37	-3.22	18.53	-0.76
Kingston_Spring	92	57	76	-3	0.00	0	28.64	-2.63	17.40	-0.09
Lobelville	89	58	75	-5	0.00	0	42.08	7.37	28.84	9.39
Monteagle	84	56	72	-4	3.45	4	36.79	-1.13	24.05	4.09
Murfreesboro_5N	89	58	75	-4	2.96	2	34.23	1.76	22.33	4.25
Nashville_Metro	92	62	79	-1	0.08	1	29.66	0.72	17.60	1.19
Shelbyville_Wtr	92	60	78	-2	1.23	2	23.61	-7.80	12.11	-4.49
Sparta_WWTP	90	58	75	-4	1.46	2	37.47	3.28	23.93	5.28
Springfield_Exp	93	56	77	-1	0.14	1	29.84	-1.26	16.29	-1.69
Tennessee_Ridge	92	59	76	-3	0.00	0	27.18	-6.81	14.79	-4.34
Thompson_Statio	91	63	78	-1	0.09	1	35.97	1.62	23.90	5.29
Wartrace_6E	84	61	72	-6	0.86	2	27.96	-8.36	16.10	-3.12
Waynesboro_Ag	90	59	74	-4	0.36	2	36.30	-0.90	23.88	2.93
East										
Athens	88	61	76	-1	1.81	4	33.41	-1.77	22.35	4.49
Chattanooga_Lov	92	65	79	-2	0.05	1	24.32	-8.80	14.31	-2.37
Gatlinburg_2SW	82	59	71	-3	1.30	5	27.96	-7.68	16.38	-4.57
Greeneville_Exp	89	59	75	1	1.33	2	22.00	-5.65	13.78	-2.67
Kingston_Ag	88	61	77	0	1.15	2	32.49	-4.32	21.21	0.99
Knoxville_AP	88	62	77	-2	0.26	3	24.02	-6.62	13.75	-3.14
Lenior_City	88	60	76	-5	0.68	3	28.07	-4.94	17.29	-0.23
Morristown_Radi	86	60	75	-3	0.39	4	27.64	-1.30	16.73	0.58
Oak_Ridge	89	62	78	1	2.02	2	29.89	-3.82	18.22	-0.46
Roan_Mtn_2SE	81	57	69	2	0.74	5	21.71	-8.34	13.07	-4.07
Rogersville_1NE	86	57	73	-3	0.33	2	25.46	-1.91	15.47	-0.11
Townsend_5S	81	57	70	-4	1.10	5	26.44	-9.38	15.37	-5.76
Tri-City_RGNL_A	90	59	75	1	0.59	3	19.28	-6.72	11.95	-3.22

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.

