



# Tennessee Crop Weather

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For the Week Ending July 31, 2016

## SHOWERS BRING RELIEF

Widespread showers brought much-needed moisture to much of the state, improving most row crop conditions. Major activities included spraying for pests and preparing for corn harvest. The rains aided pasture conditions, which, in turn, helped livestock conditions. Some tobacco growers were reporting that conditions were unfavorably damp for dark tobacco. There were 4.5 days suitable for field work. Topsoil moisture was 10 percent very short, 27 percent short, 56 percent adequate and 7 percent surplus. Subsoil moisture levels were 10 percent very short, 31 percent short, 55 percent adequate, and 4 percent surplus.

### County Agent Comments

| CROP PROGRESS           |           |           |      |                | CONDITION |           |      |      |      |           |
|-------------------------|-----------|-----------|------|----------------|-----------|-----------|------|------|------|-----------|
| Crop                    | This Week | Last Week | 2015 | Five Year Avg. | Item      | Very Poor | Poor | Fair | Good | Excellent |
|                         | Percent   |           |      |                |           | Percent   |      |      |      |           |
| Corn – Silking          | 97        | 94        | 96   | 97             | Corn      | 3         | 8    | 25   | 41   | 23        |
| Corn - Dough            | 79        | 60        | 70   | 70             | Soybeans  | 1         | 4    | 21   | 48   | 26        |
| Corn - Dented           | 34        | 17        | N/A  | N/A            | Cotton    | 1         | 2    | 19   | 58   | 20        |
| Cotton - Squaring       | 95        | 92        | 89   | 92             | Pasture   | 6         | 17   | 35   | 37   | 5         |
| Cotton – Setting Bolls  | 68        | 55        | 55   | 58             | Tobacco   | 2         | 28   | 25   | 33   | 12        |
| Soybeans - Blooming     | 81        | 73        | 69   | 70             | Hay       | 4         | 16   | 35   | 36   | 9         |
| Soybeans – Setting Pods | 55        | 40        | 45   | 43             |           |           |      |      |      |           |
| Tobacco - Topped        | 50        | 32        | 43   | 43             |           |           |      |      |      |           |

All crops continue to progress well. Rainfall this week brought some relief for drought conditions. Still need more.

**Tim Campbell, Dyer County**

Crops were aided by cooler weather and patchy rains throughout the week with some reported rainfall amounts over 2 inches. The rain and slightly cooler weather has reduced the late summer slump we see in area pastures. Some producers got their third cutting of hay last week. Some of the earlier planted corn appears to be about two weeks from harvest.

**Kenny Herndon, Carroll County**

The farmers in Fayette County received rain last week. Activities included spraying for pests.

**Jeff Via, Fayette County**

All crops benefitted from the rains this week.

**Walter Battle, Haywood County**

Scattered thunderstorms this week have dropped 2-3" of much needed precipitation. While these rain events came too late for corn in the drier southern part of the county, it continues to improve corn in the northern part of the county and has supplied a tremendous boost to soybeans county-wide. Some fungicide applications in soybeans occurred this week and will likely continue based on available moisture.

**Jeff Lannom, Weakley County**

Too wet for Dark Tobacco.

**Joseph Griffy, Stewart County**

We were hot and dry last week in most places. Corn is beginning to turn in a lot of early planted fields. We need rain on our hay.

**Larry Moorehead, Moore County**

Scattered showers throughout the county have provided ample soil moisture for only selected pastures.

**David Cook, Davidson County**

Rain showers with some areas over 3 inches. Row crops look good and pastures are in good condition. Part of week had high 90's temperatures so cattle are spending lots of time in the shade.

**A. Ruth Correll, Wilson County**

*Continued hot temperatures with scattered to isolated thunderstorms throughout the week producing from .5 to over two inches in a few very isolated areas. Several reporting receiving an inch total for the week. The corn crop is on its way to maturity with about a fourth in the dent stage. Wheat beans are beginning to bloom and a few early maturing single crop beans are approaching R6. Insect and disease pressure has been moderate to slight.*

**Ed Burns, Franklin County**

*Some much needed rain came in Thursday evening (7/28) across the southern tip of the Cumberland Plateau. This will help, but farmers in this area are fearing a bad corn crop as rains may not have come early enough.*

**Creig Kimbro, Grundy County**

*1.75 inches of rain this week! Temps in the 90s all week. Crops look much better with the rainfall this week!*

**John Goddard, Loudon County**

*Rains have improved soil moisture, but have these rains have been uneven and have given different quantities of rain depending on area.*

**Chris Ramsey, Sullivan County**

*We have had a good rainfall almost all week with two really good rains that have helped those with crops. Hay looks to be in good shape and a number of producers are getting ready for the second cut. Pasture is decent in places and better in others, but a lot has to do with pasture management. Livestock overall are good and seemed to have good body condition scores everywhere I look.*

**Keith Jacob Boone, Hancock County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: July 31, 2016 (with comparisons)**

| LOCATION        | TEMPERATURE                  |    |     |     | PRECIPITATION                 |              |                               |                                       |                             |                                     |
|-----------------|------------------------------|----|-----|-----|-------------------------------|--------------|-------------------------------|---------------------------------------|-----------------------------|-------------------------------------|
|                 | Week Ending<br>July 31, 2016 |    |     |     | Current<br>Week<br>07/31/2016 | Rain<br>Days | Current<br>Since<br>January 1 | Departure<br>From Normal<br>January 1 | Current<br>Since<br>April 1 | Departure<br>From Normal<br>April 1 |
|                 | HI                           | LO | AVG | DFN |                               |              |                               |                                       |                             |                                     |
| West            |                              |    |     |     |                               |              |                               |                                       |                             |                                     |
| Ames_Plantation | 96                           | 69 | 82  | 3   | 2.73                          | 5            | 34.12                         | -1.05                                 | 15.77                       | -4.43                               |
| Bolivar_Wtr_Wks | 96                           | 69 | 82  | 4   | 1.73                          | 5            | 31.81                         | -1.99                                 | 14.89                       | -4.37                               |
| Brownsville     | 95                           | 72 | 83  | 3   | 1.57                          | 3            | 44.32                         | 11.14                                 | 22.20                       | 3.13                                |
| Covington_3SW   | 92                           | 69 | 81  | 0   | 0.73                          | 3            | 37.72                         | 4.84                                  | 19.74                       | 0.93                                |
| Dresden         | 93                           | 71 | 81  | 3   | 1.54                          | 6            | 30.31                         | -3.94                                 | 15.79                       | -4.63                               |
| Dyersburg_AP    | 95                           | 71 | 82  | 1   | 1.63                          | 6            | 30.07                         | -0.97                                 | 15.96                       | -2.25                               |
| Henderson_4W    | 94                           | 69 | 80  | 0   | 3.64                          | 6            | 41.41                         | 7.12                                  | 22.23                       | 1.98                                |
| Huntingdon_Wate | 95                           | 72 | 82  | 6   | 1.42                          | 3            | 33.24                         | -0.01                                 | 15.18                       | -3.73                               |
| Jackson_Exp_Stn | 97                           | 71 | 82  | 3   | 1.29                          | 5            | 35.50                         | 1.21                                  | 16.58                       | -3.67                               |
| Lexington_Ag    | 96                           | 71 | 81  | 2   | 2.67                          | 5            | 29.31                         | -2.87                                 | 15.15                       | -3.53                               |
| Memphis_WFO     | 97                           | 71 | 83  | 3   | 2.88                          | 5            | 44.52                         | 11.59                                 | 20.36                       | 1.09                                |
| Milan_Exp_Stn   | 97                           | 71 | 83  | 6   | 1.57                          | 3            | 31.36                         | -2.01                                 | 12.32                       | -7.11                               |
| Paris_2SE       | 94                           | 70 | 81  | 4   | 1.26                          | 5            | 34.65                         | 1.74                                  | 17.28                       | -1.53                               |
| Selmer          | 100                          | 68 | 83  | 4   | 1.07                          | 5            | 28.12                         | -7.53                                 | 13.46                       | -6.69                               |
| Union_City_AP   | 95                           | 70 | 82  | 4   | 1.72                          | 6            | 32.79                         | 1.07                                  | 18.58                       | -0.28                               |
| Middle          |                              |    |     |     |                               |              |                               |                                       |                             |                                     |
| Bethpage_1S     | 92                           | 69 | 80  | 1   | 2.09                          | 4            | 35.53                         | 2.70                                  | 24.62                       | 5.87                                |
| Carthage        | 94                           | 69 | 80  | 3   | 2.37                          | 5            | 29.83                         | -3.19                                 | 19.08                       | 0.34                                |
| Centerville_4NE | 93                           | 64 | 77  | -2  | 1.44                          | 2            | 29.51                         | -4.34                                 | 16.61                       | -2.76                               |
| Cheatham_L_D    | 99                           | 70 | 83  | 6   | 1.08                          | 2            | 32.69                         | 0.17                                  | 20.47                       | 1.79                                |
| Clarksville_AP  | 94                           | 70 | 81  | 2   | 4.98                          | 5            | 38.59                         | 6.78                                  | 25.22                       | 7.27                                |
| Coalmont        | 94                           | 65 | 77  | 3   | 0.61                          | 1            | 33.51                         | -5.37                                 | 18.09                       | -2.63                               |
| Columbia_3WNW   | 100                          | 68 | 81  | 5   | 0.47                          | 3            | 22.55                         | -12.44                                | 11.83                       | -7.72                               |
| Cookeville      | 93                           | 70 | 80  | 4   | 1.60                          | 5            | 32.99                         | -2.52                                 | 19.37                       | -0.35                               |
| Crossville_AP   | 89                           | 69 | 78  | 4   | 1.27                          | 3            | 28.92                         | -6.72                                 | 16.05                       | -3.87                               |
| Dover_1W        | 94                           | 70 | 82  | 4   | 3.38                          | 6            | 43.01                         | 10.50                                 | 26.75                       | 8.57                                |
| Fayetteville_Wt | 96                           | 69 | 81  | 4   | 2.26                          | 4            | 40.46                         | 5.72                                  | 23.46                       | 5.18                                |
| Franklin        | 91                           | 65 | 77  | -2  | 0.45                          | 4            | 27.67                         | -5.68                                 | 16.26                       | -2.52                               |
| Hohenwald       | 93                           | 67 | 79  | 0   | 0.45                          | 4            | 29.11                         | -7.10                                 | 15.12                       | -5.15                               |
| Jamestown       | 91                           | 66 | 78  | 5   | 1.69                          | 5            | 32.30                         | -2.39                                 | 20.13                       | 0.04                                |
| Kingston_Spring | 97                           | 69 | 82  | 6   | 1.45                          | 5            | 29.26                         | -2.58                                 | 16.89                       | -1.02                               |
| Lobelville      | 97                           | 69 | 81  | 3   | 2.47                          | 4            | 33.70                         | -1.81                                 | 17.85                       | -2.23                               |
| Monteagle       | 91                           | 66 | 77  | 2   | 1.09                          | 5            | 31.89                         | -6.99                                 | 16.03                       | -4.69                               |
| Murfreesboro_5N | 95                           | 70 | 81  | 4   | 1.52                          | 6            | 27.36                         | -6.11                                 | 15.31                       | -3.61                               |
| Nashville_Metro | 97                           | 73 | 83  | 4   | 0.94                          | 3            | 25.14                         | -4.35                                 | 14.30                       | -2.52                               |
| Shelbyville_Wtr | 97                           | 69 | 82  | 4   | 1.02                          | 3            | 30.21                         | -4.87                                 | 15.72                       | -3.63                               |
| Sparta_WWTP     | 95                           | 70 | 81  | 4   | 0.93                          | 3            | 30.91                         | -3.97                                 | 18.62                       | -0.56                               |
| Springfield_Exp | 95                           | 72 | 82  | 6   | 2.34                          | 4            | 34.88                         | 3.19                                  | 23.07                       | 4.65                                |
| Tennessee_Ridge | 94                           | 70 | 81  | 4   | 2.39                          | 6            | 37.58                         | 2.92                                  | 22.09                       | 2.46                                |
| Wartrace_6E     | 94                           | 68 | 77  | -1  | 0.72                          | 2            | 31.63                         | -5.36                                 | 18.58                       | -1.12                               |
| Waynesboro_Ag   | 96                           | 70 | 81  | 5   | 2.14                          | 7            | 31.89                         | -6.03                                 | 17.32                       | -4.16                               |
| East            |                              |    |     |     |                               |              |                               |                                       |                             |                                     |
| Athens          | 98                           | 68 | 82  | 5   | 1.86                          | 4            | 30.09                         | -5.75                                 | 16.59                       | -1.74                               |
| Chattanooga_Lov | 98                           | 73 | 84  | 5   | 0.95                          | 3            | 21.16                         | -12.64                                | 7.87                        | -9.32                               |
| Gatlinburg_2SW  | 89                           | 65 | 77  | 4   | 0.59                          | 5            | 26.07                         | -10.62                                | 16.22                       | -5.62                               |
| Greeneville_Exp | 97                           | 68 | 81  | 8   | 0.93                          | 5            | 22.83                         | -5.77                                 | 14.04                       | -3.11                               |
| Kingston_Ag     | 94                           | 62 | 80  | 5   | 1.29                          | 3            | 29.45                         | -8.36                                 | 15.65                       | -5.22                               |
| Knoxville_AP    | 97                           | 71 | 84  | 6   | 1.00                          | 3            | 28.26                         | -3.03                                 | 15.92                       | -1.47                               |
| Lenior_City     | 96                           | 68 | 81  | 3   | 0.69                          | 4            | 26.98                         | -6.70                                 | 13.69                       | -4.33                               |
| Morristown_Radi | 97                           | 68 | 82  | 5   | 0.88                          | 3            | 21.93                         | -7.90                                 | 12.06                       | -4.85                               |
| Oak_Ridge       | 98                           | 72 | 85  | 7   | 1.00                          | 2            | 29.11                         | -5.64                                 | 14.74                       | -4.50                               |
| Roan_Mtn_2SE    | 87                           | 60 | 73  | 7   | 1.64                          | 6            | 22.03                         | -8.86                                 | 12.57                       | -5.26                               |
| Rogersville_1NE | 95                           | 67 | 80  | 5   | 1.31                          | 4            | 25.63                         | -2.38                                 | 14.50                       | -1.60                               |
| Townsend_5S     | 86                           | 64 | 75  | 2   | 0.66                          | 3            | 30.89                         | -5.80                                 | 17.39                       | -4.45                               |
| Tri-City_RGNL_A | 98                           | 68 | 81  | 8   | 1.31                          | 5            | 20.65                         | -5.94                                 | 12.41                       | -3.24                               |

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.