



Tennessee Crop Weather

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For the Week Ending July 24, 2016

HOT, DRY WEATHER TAKES TOLL ON CROPS

While scattered showers brought much-needed moisture to some areas, hot, dry weather dominated most of the state. Corn and soybean producers were concerned about the dry conditions stressing their crops. Tobacco growers were reporting disease pressures. Summer haying continued with producers reporting reduced yields. Cattle producers in drier areas have had to start feeding hay and other supplements due to poor pasture condition. There were 6.3 days suitable for field work. Topsoil moisture was 12 percent very short, 33 percent short, 51 percent adequate and 4 percent surplus. Subsoil moisture levels were 11 percent very short, 35 percent short, 51 percent adequate, and 3 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 | 94 | 91 | 92 | 93 | Corn | 3 | 7 | 25 | 43 | 22 |
| Corn - Dough | 60 | 35 | 51 | 54 | Soybeans | 1 | 4 | 24 | 47 | 24 |
| Corn - Dented | 17 | N/A | N/A | N/A | Cotton | 1 | 2 | 20 | 58 | 19 |
| Cotton - Squaring | 92 | 83 | 84 | 86 | Pasture | 6 | 18 | 36 | 36 | 4 |
| Cotton – Setting Bolls | 55 | 33 | 41 | 42 | Tobacco | 2 | 29 | 26 | 31 | 12 |
| Soybeans - Blooming | 73 | 55 | 57 | 56 | | | | | | |
| Soybeans – Setting Pods | 40 | 28 | 31 | 29 | | | | | | |
| Tobacco - Topped | 32 | 21 | 34 | 30 | | | | | | |

County Agent Comments

All crops continue to progress well even though we are getting dry. Really need rainfall soon for crops not to experience stress conditions.
Tim Campbell, Dyer County

Overall, crops are looking good in the county with some areas much drier than others due to spotty rains. Producers are making needed spray applications on soybeans and cotton. Pastures and cows are in good conditions.
J. C. Dupree, Lauderdale County

Continued spotty rains throughout the county. Early planted corn is doing real well. Later planted corn not as well. Cotton is good but the height seems a little shorter than years past. Conventional soybeans are doing very well. Double-cropped beans appear to just be setting there. Pastures are what you would expect this time of the year as we have a lot of fescue in the county. The quality and prices of cow calf pairs and pregnant heifers going through the local sale barn the last couple of weeks may be an indication that pastures are getting short.
Kenny Herndon, Carroll County

All things considered, crops are moving along with the help of timely showers.
Walter Battle, Haywood County

General rain Friday. Beef producers feeding hay. Cattle will need to be sold in certain areas.
Ron Blair, Henderson County

Scattered thunderstorms brought much needed moisture to the drier parts of the county this week. Rainfall amounts ranged from .50"-1.00"+ which helped corn and soybeans alike. Irrigation systems are running due to high temperatures and excessive soil moisture depletion.
Jeff Lannom, Weakley County

Tobacco problems continue this week with disease pressure from black shank and weather flecking. Some growers have begun harvesting early due to damaged crops. Corn crop has excellent potential due to timely rainfall in July.
Paul Hart, Robertson County

An extremely hot and dry week has took its toll on all crops. Pastures are hurting and late beans are in desperate need of moisture. Some second cutting of hay completed with reports of below average yields.
Calvin C. Bryant III, Lawrence County

Lack of area rainfall and extremely high temperatures have created stressful conditions on both crops and pasture.

David Cook, Davidson County

Good week for crop and farm work. Hot and humid and cattle/livestock were shade bound. Some folks were mid-summer haying.

A. Ruth Correll, Wilson County

Corn crops are not performing due to the lack of moisture during development. Soybeans yields are most likely going to be impacted as well, but not to the extent of corn. Beef cattle producers are faring well, although some have started feeding hay and other supplements due to poor grazing conditions. I do not believe we are quite to the level of selling off cattle due to the drought, but if forage availability/quality drops much more it may be the best option for some.

Matthew Deist, Marion County

Extreme heat with no rain dominated the weather for the week. A few very isolated areas saw some thunder showers early in the week producing around a half inch. Crops in the Western half of the county are faring fairly well, but the eastern half has been less fortunate with moisture distribution and several areas showing drought stress. Producers are applying fungicides to single crop beans and finishing up post herbicide applications to wheat beans.

Ed Burns, Franklin County

.05 inch rain this week. All crops look good but rain is needed. 2nd cutting of hay started this week. Nothing is pollinating due to 90 degrees plus each way. No honeybees working.

John Goddard, Loudon County

Extremely Hot and Dry!!!!!!

Tom Stebbins, Hamilton County

Very dry in most of county.

Chris Ramsey, Sullivan County

Crops, livestock, and pasture all looked to be in really good shape. Rain the last couple of weeks has really helped. I have a number of producers who are starting on their second cutting of hay especially those who have Johnson grass in their hay fields.

Keith Jacob Boone, Hancock County

TEMPERATURES AND PRECIPITATION
For week ending: July 24, 2016 (with comparisons)

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | | |
|-----------------|------------------------------|----|-----|-----|-------------------------------|--------------|-------------------------------|---------------------------------------|-----------------------------|-------------------------------------|
| | Week Ending July 24, 2016 | | | | Current Week 07/24/2016 | 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 | 100 | 71 | 85 | 5 | 0.66 | 3 | 31.39 | -2.96 | 13.04 | -6.34 |
| Bolivar_Wtr_Wks | 98 | 71 | 84 | 5 | 0.84 | 3 | 30.08 | -2.94 | 13.16 | -5.32 |
| Brownsville | 97 | 73 | 85 | 5 | 0.49 | 1 | 42.75 | 10.40 | 20.63 | 2.39 |
| Covington_3SW | 95 | 69 | 82 | 2 | 2.71 | 3 | 36.99 | 4.90 | 19.01 | 0.99 |
| Dresden | 96 | 71 | 83 | 5 | 1.12 | 3 | 28.77 | -4.52 | 14.25 | -5.21 |
| Dyersburg_AP | 97 | 73 | 85 | 4 | 0.44 | 4 | 28.44 | -1.78 | 14.33 | -3.06 |
| Henderson_4W | 96 | 70 | 82 | 3 | 0.75 | 1 | 37.77 | 4.36 | 18.59 | -0.78 |
| Huntingdon_Wate | 95 | 72 | 83 | 7 | 0.67 | 4 | 31.82 | -0.46 | 13.76 | -4.18 |
| Jackson_Exp_Stn | 100 | 72 | 85 | 6 | 0.92 | 3 | 34.21 | 0.80 | 15.29 | -4.08 |
| Lexington_Ag | 97 | 72 | 84 | 4 | 1.02 | 3 | 26.64 | -4.66 | 12.48 | -5.32 |
| Memphis_WFO | 99 | 73 | 85 | 4 | 0.14 | 2 | 41.64 | 9.56 | 17.48 | -0.94 |
| Milan_Exp_Stn | 96 | 71 | 84 | 7 | 0.81 | 3 | 29.79 | -2.69 | 10.75 | -7.79 |
| Paris_2SE | 95 | 70 | 83 | 5 | 1.45 | 2 | 33.39 | 1.42 | 16.02 | -1.85 |
| Selmer | 100 | 72 | 85 | 6 | 0.05 | 2 | 27.05 | -7.73 | 12.39 | -6.89 |
| Union_City_AP | 99 | 70 | 84 | 5 | 0.34 | 4 | 31.07 | 0.18 | 16.86 | -1.17 |
| Middle | | | | | | | | | | |
| Bethpage_1S | 90 | 65 | 79 | -1 | 0.00 | 0 | 33.44 | 1.53 | 22.53 | 4.70 |
| Carthage | 94 | 68 | 82 | 5 | 0.40 | 4 | 27.81 | -4.15 | 17.06 | -0.62 |
| Centerville_4NE | 93 | 66 | 78 | 0 | 0.21 | 1 | 28.07 | -4.87 | 15.17 | -3.29 |
| Cheatham_L_D | 99 | 68 | 84 | 7 | 0.31 | 1 | 31.61 | -0.07 | 19.39 | 1.55 |
| Clarksville_AP | 95 | 71 | 83 | 4 | 0.14 | 1 | 33.61 | 2.67 | 20.24 | 3.16 |
| Coalmont | 91 | 65 | 78 | 3 | 0.17 | 1 | 32.90 | -4.87 | 17.48 | -2.13 |
| Columbia_3WNW | 96 | 68 | 82 | 5 | 0.00 | 0 | 22.08 | -11.88 | 11.36 | -7.16 |
| Cookeville | 93 | 68 | 80 | 4 | 0.04 | 1 | 31.75 | -2.66 | 18.13 | -0.49 |
| Crossville_AP | 90 | 67 | 79 | 5 | 0.01 | 1 | 27.65 | -6.91 | 14.78 | -4.06 |
| Dover_1W | 94 | 72 | 83 | 5 | 0.52 | 4 | 39.63 | 8.03 | 23.37 | 6.10 |
| Fayetteville_Wt | 95 | 70 | 82 | 5 | 1.62 | 3 | 38.20 | 4.26 | 21.20 | 3.72 |
| Franklin | 93 | 64 | 79 | 2 | 1.76 | 2 | 27.22 | -5.16 | 15.81 | -2.00 |
| Hohenwald | 93 | 68 | 80 | 2 | 0.57 | 3 | 28.66 | -6.52 | 14.67 | -4.57 |
| Jamestown | 91 | 66 | 79 | 5 | 1.02 | 2 | 30.61 | -2.96 | 18.44 | -0.53 |
| Kingston_Spring | 98 | 71 | 83 | 6 | 0.74 | 4 | 27.81 | -3.22 | 15.44 | -1.66 |
| Lobelville | 96 | 68 | 82 | 4 | 2.03 | 4 | 31.91 | -2.69 | 16.06 | -3.11 |
| Monteagle | 95 | 67 | 78 | 4 | 0.16 | 1 | 30.80 | -6.97 | 14.94 | -4.67 |
| Murfreesboro_5N | 96 | 69 | 83 | 5 | 0.00 | 0 | 25.88 | -6.61 | 13.83 | -4.11 |
| Nashville_Metro | 97 | 73 | 85 | 6 | 0.00 | 0 | 24.20 | -4.51 | 13.36 | -2.68 |
| Shelbyville_Wtr | 96 | 71 | 83 | 6 | 1.15 | 1 | 29.15 | -4.94 | 14.66 | -3.70 |
| Sparta_WWTP | 95 | 69 | 81 | 4 | 0.76 | 1 | 29.98 | -3.93 | 17.69 | -0.52 |
| Springfield_Exp | 94 | 71 | 83 | 6 | 0.39 | 2 | 32.93 | 2.08 | 21.12 | 3.54 |
| Tennessee_Ridge | 95 | 71 | 83 | 6 | 0.66 | 4 | 35.19 | 1.48 | 19.70 | 1.02 |
| Wartrace_6E | 91 | 67 | 79 | 2 | 0.62 | 1 | 30.91 | -5.13 | 17.86 | -0.89 |
| Waynesboro_Ag | 96 | 69 | 81 | 5 | 0.88 | 2 | 29.85 | -7.04 | 15.28 | -5.17 |
| East | | | | | | | | | | |
| Athens | 97 | 70 | 83 | 6 | 0.22 | 4 | 28.23 | -6.67 | 14.73 | -2.66 |
| Chattanooga_Lov | 100 | 73 | 86 | 6 | 0.08 | 2 | 20.21 | -12.62 | 6.92 | -9.30 |
| Gatlinburg_2SW | 90 | 61 | 76 | 3 | 0.00 | 0 | 25.48 | -9.98 | 15.63 | -4.98 |
| Greeneville_Exp | 98 | 65 | 80 | 7 | 0.00 | 0 | 21.90 | -5.69 | 13.11 | -3.03 |
| Kingston_Ag | 95 | 68 | 82 | 7 | 3.45 | 2 | 28.16 | -8.49 | 14.36 | -5.35 |
| Knoxville_AP | 96 | 70 | 84 | 6 | 0.02 | 1 | 27.26 | -3.10 | 14.92 | -1.54 |
| Lenior_City | 95 | 65 | 81 | 2 | 0.42 | 3 | 26.48 | -6.25 | 13.19 | -3.88 |
| Morristown_Radi | 95 | 68 | 82 | 5 | 0.00 | 0 | 21.05 | -7.74 | 11.18 | -4.69 |
| Oak_Ridge | 97 | 73 | 85 | 8 | 0.18 | 2 | 28.11 | -5.62 | 13.74 | -4.48 |
| Roan_Mtn_2SE | 87 | 56 | 72 | 5 | 0.13 | 2 | 20.39 | -9.53 | 10.93 | -5.93 |
| Rogersville_1NE | 92 | 65 | 79 | 4 | 0.22 | 3 | 24.52 | -2.59 | 13.39 | -1.81 |
| Townsend_5S | 88 | 62 | 76 | 3 | 0.06 | 1 | 30.23 | -5.23 | 16.73 | -3.88 |
| Tri-City_RGNL_A | 98 | 63 | 80 | 6 | 0.00 | 0 | 19.34 | -6.40 | 11.10 | -3.70 |

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.