



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 or (615) 891-0903 • www.nass.usda.gov

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For the Week Ending July 1, 2018

WEATHER BRINGS CHALLENGES FOR LIVESTOCK, CROP PRODUCERS

Widespread showers, while helping tremendously with development of crops already in the ground, also limited some producer's ability to get back into the field to bale hay that had been cut. Rain also forced some producers to delay applying weed control applications and finish planting crops. There were also reports of pink eye in cattle. There were 3.8 days suitable for field work, compared to 4.8 last week. Topsoil moisture was 11 percent short, 69 percent adequate, and 20 percent surplus. Subsoil moisture was 1 percent very short, 9 percent short, 76 percent adequate, and 14 percent surplus. Hay and Roughage supplies were 12 percent short, 78 percent adequate, and 10 percent surplus.

| CROP PROGRESS | | | | | CONDITION | | | | | |
|--------------------------|-----------|-----------|------|-------------|-----------|-----------|------|------|------|-----------|
| Crop | This Week | Last Week | 2017 | 5 Year Avg. | Item | Very Poor | Poor | Fair | Good | Excellent |
| | Percent | | | | | Percent | | | | |
| Corn – Silking | 60 | 33 | 58 | 43 | Corn | 1 | 2 | 17 | 55 | 25 |
| Corn – Doughing | 3 | N/A | 4 | 1 | Tobacco | 0 | 4 | 19 | 74 | 3 |
| Cotton – Squaring | 72 | 54 | 51 | 45 | Cotton | 2 | 4 | 14 | 63 | 17 |
| Cotton – Setting Bolls | 8 | 1 | 8 | 4 | Pasture | 1 | 9 | 28 | 49 | 13 |
| Hay – First Cutting | 90 | 84 | 86 | 87 | Soybeans | 0 | 3 | 19 | 58 | 20 |
| Soybeans – Planted | 96 | 93 | 94 | 90 | Cattle | 0 | 5 | 19 | 61 | 15 |
| Soybeans – Emerged | 89 | 81 | 86 | 79 | Wheat | 1 | 3 | 36 | 48 | 12 |
| Soybeans – Blooming | 24 | 13 | 18 | 10 | | | | | | |
| Tobacco – Set | 98 | 94 | 91 | N/A | | | | | | |
| Winter Wheat – Mature | 99 | 98 | N/A | N/A | | | | | | |
| Winter Wheat – Harvested | 94 | 86 | 95 | 84 | | | | | | |

County Agent Comments

The farmers in Fayette County had a good week spraying pests, harvesting wheat and baling hay. Rain moved in later in the week. Temperatures were very hot. Crops look great!!!

Jeff Via, Fayette County

High temperatures and drying winds have been offset by timely afternoon and evening thunderstorms. Rain has been tremendous for pollinating corn, even with high heat and high humidity conditions. Soybeans and cotton are progressing well with producers making weed control applications. Only a few "wetter" river bottom locations remain to be planted to soybeans.

Jeff Lannom, Weakley County

Too much rain this week. Very little field work. Crops look really good overall.

Ronnie Barron, Cheatham County

We have had over 5 inches of rain this week that has stopped all field work. A lot of hay on the ground that can't be gotten out of the field yet. Everything is growing with plenty of water. We had a lot of storm damage on Thursday with power outages and several barns damaged.

Larry Moorehead, Moore County

Late week storm brought 2-4 inches of rain and some 60-70 mph winds that took down many trees along with some fences.

Kevin Rose, Giles County

Some significant rain this week which varied from 2 - 3.5 inches at recording stations across the county. Some corn tasseling. Soybeans look good with weed pressure being main issue. Cattle producers are commenting on heavy fly pressure and pink eye issues. Cattle producers are concerned regarding quantity and quality of hay so far this year.

A. Ruth Correll, Wilson County

Farmer in Morgan County who tracks rainfall measured 11 inches of rain between June 21 and June 28th.

Jenni Goodrich, Morgan County

*3.8 INCHES OF MUCH NEEDED RAIN THIS WEEK! No field work this week. Corn and beans look great!
Still have some hay to cut yet. Still have wheat to harvest yet.*

John Goddard, Loudon County

We got some much needed rain this past week.

James Blake Ramsey, Hawkins County

*Good rain. We are in the best shape we have been in since May. The entire area of Knox County has gotten
over 2 inches. Some parts of the county are over 4 inches.*

Neal Denton, Knox County

Hot days over 90 are negatively affecting cool season pastures.

Chris Ramsey, Sullivan County

TEMPERATURES AND PRECIPITATION
For week ending: July 1, 2018 (with comparisons)

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | | | |
|------------------|--------------------------|----|-----|-----|----------------------------|-----------|----------------------------|------------------------------------|--------------------------|----------------------------------|--|
| | Week Ending July 1, 2018 | | | | Current Week 07/01/2018 | 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 | 96 | 68 | 82 | 4 | 1.00 | 2 | 46.63 | 17.20 | 20.28 | 4.66 | |
| Bolivar_Wtr_Wks | 95 | 68 | 82 | 4 | 0.78 | 1 | 48.74 | 19.99 | 25.09 | 9.93 | |
| Brownsville | 98 | 70 | 83 | 3 | 1.89 | 3 | 34.59 | 6.03 | 11.96 | -3.26 | |
| Covington_3SW | 95 | 68 | 81 | 2 | 0.77 | 2 | 45.30 | 17.14 | 17.64 | 2.62 | |
| Dresden | 92 | 68 | 80 | 2 | 1.12 | 3 | 34.80 | 6.59 | 15.79 | 0.50 | |
| Dyersburg_Muni | 93 | 69 | 82 | 3 | 0.40 | 3 | 21.43 | -5.04 | 9.55 | -4.23 | |
| Henderson_4W | 93 | 68 | 80 | 3 | 1.12 | 2 | 49.83 | 19.44 | 19.14 | 3.44 | |
| Huntingdon | 93 | 68 | 80 | 2 | 1.26 | 3 | 29.41 | 1.95 | 13.41 | -0.89 | |
| Jackson_Exp_Stn | 94 | 69 | 82 | 3 | 1.70 | 3 | 43.98 | 15.46 | 18.85 | 3.56 | |
| Lexington | 92 | 68 | 80 | 2 | 0.87 | 2 | 43.92 | 16.81 | 18.80 | 4.79 | |
| Memphis_WFO | 97 | 68 | 83 | 3 | 0.80 | 2 | 40.23 | 11.93 | 15.92 | 1.20 | |
| Milan_Exp_Stn | 94 | 65 | 81 | 3 | 1.07 | 3 | 43.99 | 16.00 | 18.74 | 3.56 | |
| Paris | 91 | 68 | 80 | 3 | 0.34 | 3 | 27.85 | 0.00 | 13.53 | -1.24 | |
| Selmer | 95 | 68 | 83 | 4 | 1.35 | 1 | 43.18 | 13.02 | 16.58 | 0.78 | |
| Union_City | 91 | 67 | 80 | 2 | 2.29 | 3 | 32.87 | 5.44 | 13.40 | -1.41 | |
| Middle | | | | | | | | | | | |
| Bethpage_1S | 92 | 63 | 79 | 3 | 2.40 | 3 | 31.81 | 3.90 | 13.29 | -1.62 | |
| Carthage | 93 | 66 | 78 | 1 | 3.42 | 2 | 32.34 | 5.41 | 13.75 | -0.28 | |
| Centerville_4NE | 88 | 63 | 77 | 2 | 2.02 | 2 | 31.28 | 0.92 | 14.30 | -2.08 | |
| Cheatham_L_D | 94 | 68 | 80 | 3 | 1.50 | 1 | 32.93 | 5.52 | 15.81 | 0.72 | |
| Clarksville OUT | 93 | 68 | 79 | 2 | 3.29 | 4 | 37.49 | 11.27 | 19.49 | 4.82 | |
| Coalmont | 84 | 64 | 73 | 0 | 3.46 | 5 | 43.07 | 13.46 | 24.74 | 10.16 | |
| Columbia_3WNW | 93 | 66 | 79 | 2 | 3.05 | 3 | 35.47 | 5.93 | 15.99 | 0.72 | |
| Cookeville | 92 | 65 | 76 | 1 | 4.00 | 4 | 36.28 | 6.64 | 18.20 | 3.34 | |
| Crossville MEM | 85 | 64 | 71 | -2 | 4.38 | 5 | 40.66 | 11.52 | 23.22 | 8.28 | |
| Dover_1W | 90 | 67 | 79 | 2 | 4.00 | 2 | 36.76 | 9.26 | 21.46 | 6.85 | |
| Fayetteville_Wt | 92 | 65 | 79 | 1 | 1.06 | 6 | 36.81 | 7.86 | 17.40 | 3.38 | |
| Franklin | 94 | 69 | 81 | 3 | 3.76 | 3 | 33.66 | 5.77 | 17.07 | 2.52 | |
| Hohenwald | 90 | 67 | 78 | 2 | 1.56 | 2 | 41.61 | 11.82 | 18.35 | 2.98 | |
| Jamestown | 88 | 65 | 75 | 2 | 6.52 | 5 | 35.83 | 6.15 | 19.74 | 3.93 | |
| Kingston_Spring | 96 | 68 | 80 | 3 | 0.98 | 3 | 24.88 | -1.64 | 11.07 | -2.79 | |
| Lobelville | 89 | 69 | 78 | 2 | 0.10 | 2 | 42.49 | 13.19 | 18.20 | 2.78 | |
| Monteagle | 89 | 63 | 74 | 0 | 1.48 | 5 | 40.18 | 8.59 | 22.31 | 6.72 | |
| Murfreesboro_5 | 92 | 69 | 80 | 2 | 1.26 | 2 | 31.73 | 3.78 | 14.73 | 0.24 | |
| Nashville INTL | 94 | 70 | 81 | 2 | 0.97 | 5 | 41.53 | 15.96 | 24.16 | 10.39 | |
| Shelbyville_Wtr | 94 | 68 | 80 | 3 | 0.67 | 1 | 31.52 | 1.83 | 13.75 | -0.90 | |
| Sparta_WWTP | 92 | 65 | 77 | 1 | 6.69 | 4 | 38.07 | 9.04 | 19.58 | 4.96 | |
| Springfield_Exp | 91 | 68 | 81 | 4 | 1.31 | 3 | 32.91 | 5.74 | 16.49 | 1.90 | |
| Tennessee_Ridge | 93 | 67 | 79 | 1 | 2.42 | 3 | 37.06 | 9.63 | 15.83 | 0.88 | |
| Tullahoma | 89 | 67 | 77 | 1 | 1.80 | 3 | 36.04 | 4.77 | 17.57 | 2.36 | |
| Waynesboro | 93 | 67 | 80 | 4 | 0.37 | 4 | 41.51 | 10.37 | 18.09 | 1.73 | |
| East | | | | | | | | | | | |
| Athens | 93 | 62 | 78 | 4 | 3.31 | 4 | 34.54 | 6.71 | 18.32 | 5.57 | |
| Bristol Tri-City | 91 | 67 | 76 | 3 | 0.32 | 4 | 29.79 | 9.32 | 16.65 | 6.44 | |
| Chattanooga_Lov | 93 | 69 | 79 | 1 | 1.44 | 5 | 30.55 | 4.55 | 16.95 | 5.68 | |
| Gatlinburg_2SW | 86 | 61 | 74 | 2 | 1.51 | 5 | 31.85 | 3.51 | 12.38 | -2.16 | |
| Greeneville_Exp | 93 | 64 | 77 | 3 | 0.92 | 4 | 22.79 | 1.35 | 11.00 | -0.21 | |
| Kingston_Ag | 94 | 68 | 79 | 3 | 0.41 | 2 | 30.45 | 2.87 | 11.44 | -1.07 | |
| Knoxville_AP | 94 | 69 | 78 | 2 | 1.64 | 4 | 27.11 | 2.71 | 12.16 | 0.68 | |
| Lenior_City | 92 | 67 | 76 | 0 | 0.86 | 4 | 21.78 | -4.53 | 8.19 | -4.05 | |
| Morristown_Radi | 91 | 67 | 78 | 4 | 1.52 | 4 | 25.58 | 2.38 | 9.54 | -1.51 | |
| Oak_Ridge | 95 | 70 | 79 | 2 | 0.87 | 5 | 28.05 | 2.08 | 9.80 | -2.00 | |
| Roan_Mtn_3SW | 82 | 58 | 70 | 4 | 0.31 | 2 | 30.49 | 6.49 | 16.27 | 3.49 | |
| Rogersville_1N | 90 | 66 | 78 | 5 | 0.45 | 1 | 29.77 | 7.07 | 11.46 | 0.48 | |
| Townsend_5S | 85 | 62 | 73 | 2 | 1.57 | 5 | 26.87 | -1.17 | 12.07 | -1.36 | |

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

Notice please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics. Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

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