UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

# Tennessee Crop Weather

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

**Issued Monday 3:00 PM; September 25, 2017** **For the Week Ending September 24, 2017**

## Good Corn Yields Reported, Winter Wheat Planting Begins

Corn harvest was active last week, with some producers reporting corn for grain yields as good as or better than last year's average. Isolated showers in southern Middle Tennessee delayed some harvest efforts. Producers are planning their last cuttings of hay, adding to their winter stocks. Some winter wheat has been planted. Crops and pastures were in mostly good to excellent condition. There were 6.4 days suitable for field work. Topsoil moisture was 8 percent very short, 5 percent short, 83 percent adequate, and 4 percent surplus. Subsoil moisture was 9 percent very short, 8 percent short, 78 percent adequate and 5 percent surplus.

**CROP PROGRESS**

| Crop | This Week | Last Week | 2016 | 5 Year Avg. |
|---|---|---|---|---|
| | Percent | | | |
| Corn - Dented | 99 | 97 | 100 | 99 |
| Corn - Mature | 95 | 88 | 97 | 91 |
| Corn - Harvested | 59 | 46 | 76 | 61 |
| Soybeans – Dropping Leaves | 54 | 37 | 66 | 53 |
| Soybeans – Harvested | 6 | 3 | 13 | 9 |
| Cotton – Bolls Opening | 65 | 50 | 78 | 65 |
| Cotton - Harvested | 1 | N/A | 7 | 5 |
| Winter Wheat – Planted | 1 | N/A | 1 | 1 |
| Tobacco - Cut | 80 | 68 | 74 | 67 |

**CONDITION**

| Item | Very Poor | Poor | Fair | Good | Excellent |
|---|---|---|---|---|---|
| | Percent | | | | |
| Corn | 1 | 2 | 10 | 43 | 44 |
| Soybeans | 1 | 4 | 13 | 43 | 39 |
| Cotton | 1 | 5 | 9 | 53 | 32 |
| Pasture | 1 | 4 | 24 | 58 | 13 |

### *County Agent Comments*

*Corn harvest is progressing well. High humidity days created some issues with corn moisture being too high. Early maturity soybeans are close to being ready for harvest. Some acreages of early maturity Group 3 soybeans have already been harvested. Hearing really good yields on these Group 3's. Corn yields are turning out really good as well in many cases. Current warm days (85+ degrees) helping cotton to reach full maturity.*
**Tim Campbell, Dyer County**

*Farmers were busy this past week harvesting corn. I have talked to several farmers who indicated that some of their fields had corn yields 10 to upwards of 50 more bushels per acre this year than last. Beginning to see some cotton defoliation. Soybeans are turning yellow and some early planted fields are ready to harvest. Some hay was cut this past week.* **Kenny Herndon, Carroll County**

*The farmers in Fayette County have been busy this week harvesting corn, defoliating cotton, and baling hay. The corn yields are very good. Cotton harvest will start Monday.* **Jeff Via, Fayette County**

*Corn harvest is wide open, however some producers are experiencing a slow drop in grain moisture levels. Yields are well above average. Soybean harvest has started with increased activity next week.*
**Jeff Lannom, Weakley County**

*We have had 3 to 4 inches of rain this week which has hampered all harvesting. Pastures are looking good and we have some beans almost ready to harvest.* **Larry Moorehead, Moore County**

*Rains scattered throughout the county have halted crop harvest for many producers. Pastures look very good for this time of year.* **Kevin Rose, Giles County**

*Temperatures have been higher and humid this week. Field work resumed with some mature corn harvested. Some folks are harvesting their last hay for this year.* **A. Ruth Correll, Wilson County**

*Group 3-4 beans have dropped or are dropping leaves and harvest of them has begun. Corn harvest is a little over half completed with some farmers waiting on moisture levels to drop a bit. Hay harvest is 'wrapping up' with producers feeling quite comfortable about winter feeding. Everything's looking good here in Marion County. You all have a great rest of the week.* **Matthew Deist, Marion County**

*Isolated to scattered showers mid-week produced from a half inch to 1.5 inches in isolated areas creating some interruptions to field activities. Temperatures slightly above normal with lows in the upper 60's, low 70's and high's in the upper 80's, low 90's. Corn harvest continues where conditions allow with field average yields ranging from 200 to 225 bushels per acre common. A few soybeans have been harvested with yield reports in the 75 to 85 bushel range. Hay harvest remains active when weather permits. Cotton producers beginning to apply defoliants.* **Ed Burns, Franklin County**

*1/2 inch of rain this week. Corn and hay harvested this week* **John Goddard, Loudon County**

*Nitrate levels in corn seem to be normal. It had turned dry so some nitrate test were performed.* **Anthony Carver, Grainger County**

*Small areas of the county with shallow soils are getting dry. Corn dry down has been slow in some areas.* **Mannie Bedwell, Hamblen County**

**TEMPERATURES AND PRECIPITATION**
**For week ending: September 24, 2017 (with comparisons)**

| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Week Ending September 24, 2017 | | | | Current Week 09/24/17 | 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 | 91 | 64 | 78 | 8 | 0.00 | 0 | 47.53 | 6.54 | 34.98 | 8.78 |
| Bolivar_Wtr_Wks | 91 | 65 | 79 | 9 | 0.00 | 0 | 39.58 | -0.54 | 27.36 | 1.60 |
| Brownsville | 93 | 66 | 81 | 11 | 0.00 | 0 | 40.49 | 1.83 | 28.22 | 3.50 |
| Covington_3SW | 91 | 66 | 78 | 8 | 0.06 | 1 | 41.02 | 2.62 | 26.54 | 2.04 |
| Dresden | 91 | 65 | 78 | 9 | 0.03 | 1 | 38.11 | -2.50 | 26.11 | -0.83 |
| Dyersburg_AP | 91 | 66 | 80 | 9 | 0.27 | 2 | 34.84 | -1.40 | 24.80 | 1.23 |
| Henderson_4W | 90 | 63 | 77 | 7 | 0.00 | 0 | 53.06 | 12.84 | 36.17 | 9.82 |
| Huntingdon_Wate | 92 | 66 | 79 | 13 | 0.00 | 0 | 46.05 | 6.12 | 32.31 | 6.55 |
| Jackson_Exp_Stn | 93 | 65 | 80 | 10 | 0.00 | 0 | 40.02 | -0.20 | 25.93 | -0.42 |
| Lexington_Ag | 91 | 65 | 78 | 8 | 0.02 | 1 | 46.14 | 8.51 | 32.51 | 8.22 |
| Memphis_WFO | 94 | 68 | 81 | 10 | 0.00 | 0 | 40.24 | 2.21 | 29.82 | 5.28 |
| Milan_Exp_Stn | 93 | 65 | 79 | 12 | 0.00 | 0 | 43.81 | 4.12 | 29.87 | 3.96 |
| Paris_2SE | 92 | 65 | 78 | 10 | 0.00 | 0 | 43.95 | 4.28 | 32.18 | 6.44 |
| Selmer | 92 | 65 | 79 | 10 | 0.05 | 1 | 44.39 | 2.58 | 31.93 | 5.44 |
| Union_City_AP | 91 | 62 | 78 | 10 | 0.36 | 3 | 34.67 | -2.68 | 24.91 | 0.27 |
| **Middle** | | | | | | | | | | |
| Bethpage_1S | 89 | 59 | 75 | 6 | 0.75 | 1 | 44.49 | 5.19 | 33.67 | 8.28 |
| Carthage | 90 | 61 | 75 | 7 | 1.28 | 2 | 47.83 | 8.13 | 36.19 | 10.60 |
| Centerville_4NE | 86 | 64 | 75 | 7 | 0.17 | 2 | 45.00 | 5.18 | 32.24 | 6.72 |
| Cheatham_L_D | 95 | 64 | 79 | 12 | 0.00 | 0 | 49.83 | 11.58 | 39.40 | 14.81 |
| Clarksville_AP | 91 | 63 | 77 | 8 | 0.10 | 1 | 45.36 | 7.34 | 32.94 | 8.61 |
| Coalmont | 87 | 52 | 71 | 4 | 0.58 | 3 | 53.02 | 6.30 | 36.29 | 7.52 |
| Columbia_3WNW | 89 | 61 | 75 | 8 | 0.00 | 0 | 46.38 | 4.93 | 32.04 | 5.84 |
| Cookeville | 88 | 58 | 73 | 6 | 0.15 | 2 | 51.96 | 9.02 | 38.56 | 11.23 |
| Crossville_AP | 84 | 55 | 72 | 7 | 0.16 | 1 | 46.80 | 4.08 | 31.94 | 4.76 |
| Dover_1W | 89 | 64 | 78 | 11 | 0.02 | 1 | 44.24 | 5.10 | 30.68 | 5.70 |
| Fayetteville_Wt | 89 | 62 | 75 | 7 | 0.93 | 5 | 55.90 | 14.87 | 40.45 | 15.51 |
| Franklin | 93 | 63 | 78 | 11 | 0.51 | 1 | 47.45 | 7.54 | 35.57 | 10.05 |
| Hohenwald | 89 | 63 | 75 | 6 | 0.54 | 2 | 49.96 | 7.02 | 35.31 | 8.11 |
| Jamestown | 85 | 56 | 71 | 6 | 0.09 | 2 | 50.68 | 8.49 | 37.85 | 10.09 |
| Kingston_Spring | 92 | 62 | 78 | 11 | 0.05 | 3 | 43.20 | 4.97 | 32.82 | 8.35 |
| Lobelville | 90 | 62 | 77 | 9 | 0.17 | 1 | 47.99 | 6.02 | 35.92 | 9.20 |
| Monteagle | 84 | 60 | 71 | 4 | 0.65 | 2 | 57.43 | 10.71 | 40.77 | 12.00 |
| Murfreesboro_5N | 91 | 59 | 75 | 7 | 0.47 | 2 | 43.06 | 2.42 | 30.94 | 4.68 |
| Nashville_Metro | 91 | 64 | 79 | 10 | 0.68 | 2 | 40.91 | 5.34 | 31.83 | 8.78 |
| Shelbyville_Wtr | 90 | 63 | 76 | 7 | 0.66 | 4 | 47.03 | 5.35 | 36.38 | 10.07 |
| Sparta_WWTP | 92 | 58 | 74 | 6 | 0.86 | 3 | 47.79 | 6.08 | 33.16 | 6.97 |
| Springfield_Exp | 91 | 64 | 78 | 11 | 0.05 | 1 | 50.86 | 13.15 | 39.07 | 14.47 |
| Tennessee_Ridge | 89 | 64 | 77 | 10 | 0.06 | 1 | 42.70 | 1.02 | 31.84 | 5.00 |
| Wartrace_6E | 89 | 59 | 75 | 7 | 0.55 | 3 | 45.31 | 1.49 | 32.48 | 5.75 |
| Waynesboro_Ag | 91 | 57 | 76 | 8 | 0.27 | 2 | 43.86 | -0.66 | 28.98 | 0.70 |
| **East** | | | | | | | | | | |
| Athens | 88 | 59 | 74 | 6 | 0.09 | 2 | 47.52 | 4.04 | 34.66 | 8.50 |
| Chattanooga_Lov | 91 | 63 | 77 | 7 | 0.38 | 2 | 47.62 | 6.89 | 34.83 | 10.52 |
| Gatlinburg_2SW | 83 | 56 | 69 | 4 | 0.00 | 0 | 45.38 | 0.49 | 32.38 | 2.17 |
| Greeneville_Exp | 89 | 53 | 73 | 9 | 0.00 | 0 | 30.95 | -3.95 | 20.36 | -3.23 |
| Kingston_Ag | 89 | 61 | 75 | 8 | 0.24 | 1 | 43.15 | -1.91 | 29.85 | 1.54 |
| Knoxville_AP | 89 | 60 | 75 | 6 | 0.08 | 1 | 39.36 | 2.90 | 27.67 | 4.95 |
| Lenior_City | 87 | 60 | 74 | 5 | 0.25 | 2 | 40.58 | 0.87 | 25.54 | 1.31 |
| Morristown_Radi | 90 | 58 | 74 | 7 | 0.00 | 0 | 31.07 | -4.72 | 19.63 | -3.39 |
| Oak_Ridge | 91 | 62 | 76 | 8 | 0.14 | 1 | 48.71 | 7.71 | 36.28 | 10.61 |
| Roan_Mtn_2SE | 80 | 49 | 64 | 5 | 0.02 | 1 | 44.89 | 6.52 | 31.83 | 6.37 |
| Rogersville_1NE | 89 | 57 | 74 | 7 | 0.00 | 0 | 36.73 | 2.84 | 25.02 | 2.91 |
| Townsend_5S | 82 | 55 | 69 | 4 | 0.00 | 0 | 44.25 | -0.64 | 30.59 | 0.38 |
| Tri-City_RGNL_A | 90 | 54 | 72 | 7 | 0.00 | 0 | 35.82 | 3.85 | 26.62 | 5.46 |

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.

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