



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending August 16, 2009

## NO "DOG DAYS OF AUGUST" YET

Most areas across the state again experienced moderate temperatures and light showers which allowed farmers to continue normal field activities. Producers were active last week harvesting corn silage and tobacco, spraying pesticides and cutting hay. The cotton crop development was progressing well, although more heat units are desirable. The corn crop is beginning to dry down. The soybean crop exhibited rapid growth last week. Cattle are in good condition but are being bothered by flies and some pinkeye. Crops remain in mostly good condition.

There were 6 days suitable for fieldwork. Topsoil moisture levels were rated 9 percent short, 84 percent adequate, and 7 percent surplus. Subsoil moisture levels were rated 13 percent short, 83 percent adequate, and 4 percent surplus. Temperatures for Middle and Eastern parts of the state were above normal, while West Tennessee experienced below normal temperatures. The state remained mostly dry with only a few areas receiving light precipitation.

| CROP PROGRESS                  |           |           |      |                | CONDITION |           |      |      |      |           |
|--------------------------------|-----------|-----------|------|----------------|-----------|-----------|------|------|------|-----------|
| Crop                           | This Week | Last Week | 2008 | Five Year Avg. | Item      | Very Poor | Poor | Fair | Good | Excellent |
|                                | Percent   |           |      |                |           | Percent   |      |      |      |           |
| Corn – Dough                   | 88        | 78        | 95   | 97             | Corn      | 3         | 6    | 16   | 51   | 24        |
| Corn – Dent                    | 60        | 34        | 72   | 85             | Cotton    | 0         | 2    | 22   | 58   | 18        |
| Corn – Silage Harvested        | 24        | 9         | 41   | 45             | Pastures  | 0         | 4    | 19   | 55   | 22        |
| Cotton – Setting Bolls         | 95        | 87        | 99   | 99             | Soybeans  | 1         | 3    | 15   | 56   | 25        |
| Soybeans – Blooming            | 91        | 84        | 91   | 95             | Tobacco   | 0         | 3    | 19   | 64   | 14        |
| Soybeans – Setting Pods        | 72        | 58        | 76   | 86             |           |           |      |      |      |           |
| Tobacco – Topped               | 71        | 54        | 67   | 74             |           |           |      |      |      |           |
| Tobacco – Air-Cured Harvested  | 16        | 4         | 21   | 23             |           |           |      |      |      |           |
| Tobacco – Fire-Cured Harvested | 15        | 5         | 19   | 23             |           |           |      |      |      |           |
| Tobacco – Burley Harvested     | 11        | 4         | 8    | 18             |           |           |      |      |      |           |

### County Agent Comments

*“All crops progressing well. Ample rainfall in July and early August coupled with moderately warm temperatures has all crops looking very good at this time. Cotton still needs to accumulate more heat units in order to mature properly. Early signs of corn maturity appearing in some early planted fields that survived as they are beginning to dry up on lower leaves of the plant. Soybeans doing well, flowering and setting pods. No reports of any major insect problems at this time in any crop.”*

**Tim Campbell, Dyer County**

*“Good growing week with little rain. Lots of hay was cut after midweek. Pink eye in cattle is bad now. Fungicides are being applied to soybeans this week. Crops look real good, but some fields will have wet drowned out spots due to all the summer rain.”*

**Steve Glass, Decatur County**

*“Another good rain this week has kept the crops and forages progressing extremely well. Many have said they can't remember the last time it was this green and wet during the "Dog Days of August". Soybean diseases are showing up and producers are spraying fungicides. Corn silage harvest is underway.”*

**Calvin Bryant, Lawrence County**

*“Crops remain in good to excellent condition. Pastures are in the best conditions for this time of year in recent memory.”*

**Ruth Correll, Wilson County**

*“Another dry week could use a rain. Flies real heavy on cattle, farmer's ready to go with silage and early corn harvest. Farmer's market running over with produce...”*

**J. Dale Beaty, Warren County**

*“Hay & pasture growth are very good. Much cut hay is receiving sporadic rain showers. Very little hay has been baled without receiving rainfall after cutting. Hay quality overall is low but quantity is high. Tobacco fertilizer has leached out due to an abundance of rainfall. Corn is ready to chop-fields are still too wet. Soybeans look great. It has rained 6 out of last 7 days.”*

**John Goddard, Loudon County**

**TEMPERATURES AND PRECIPITATION**  
**For week ending: August 16, 2009 (with comparisons)**

| LOCATION        | TEMPERATURE                    |    |     |     | PRECIPITATION              |              |                               |                                       |                             |                                     |
|-----------------|--------------------------------|----|-----|-----|----------------------------|--------------|-------------------------------|---------------------------------------|-----------------------------|-------------------------------------|
|                 | Week Ending<br>August 16, 2009 |    |     |     | Current<br>Week<br>8/16/09 | 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 | 95                             | 61 | 79  | 1   | 0.02                       | 1            | 40.55                         | 6.70                                  | 28.10                       | 8.02                                |
| Brownsville_TN  | 92                             | 64 | 79  | -2  | 0.19                       | 1            | 37.83                         | 3.92                                  | 27.55                       | 7.44                                |
| Covington       | 93                             | 61 | 77  | -2  | 0.22                       | 1            | 40.78                         | 7.63                                  | 29.22                       | 9.75                                |
| Dyersburg       | 93                             | 61 | 78  | -2  | 0.12                       | 1            | 40.70                         | 8.40                                  | 31.94                       | 12.46                               |
| Huntingdon_Wate | 92                             | 61 | 78  | 1   | 0.00                       | 0            | 41.05                         | 7.25                                  | 28.21                       | 8.17                                |
| Jackson_Exp_Stn | 92                             | 62 | 79  | 1   | 0.88                       | 2            | 35.61                         | 1.95                                  | 24.49                       | 4.11                                |
| Lexington_TN    | 91                             | 62 | 78  | 1   | 0.00                       | 0            | 32.84                         | -0.04                                 | 22.77                       | 3.08                                |
| Martin          | 93                             | 60 | 78  | 1   | 0.00                       | 0            | 37.79                         | 3.65                                  | 25.15                       | 4.25                                |
| Memphis_AG      | 95                             | 64 | 80  | -2  | 0.20                       | 1            | 40.68                         | 7.63                                  | 27.09                       | 7.53                                |
| Milan           | 93                             | 59 | 78  | 1   | 0.00                       | 0            | 35.20                         | 0.48                                  | 24.23                       | 3.13                                |
| Paris           | 91                             | 59 | 78  | 1   | 0.02                       | 1            | 35.33                         | 1.90                                  | 22.43                       | 2.51                                |
| Savannah_6SW    | 93                             | 63 | 79  | 0   | 0.29                       | 1            | 33.16                         | -3.58                                 | 21.34                       | 0.06                                |
| Selmer          | 93                             | 63 | 79  | 2   | 0.30                       | 2            | 36.19                         | -0.07                                 | 25.64                       | 4.62                                |
| Union_City      | 91                             | 58 | 76  | 0   | 0.05                       | 1            | 41.13                         | 7.91                                  | 29.22                       | 9.18                                |
| Middle          |                                |    |     |     |                            |              |                               |                                       |                             |                                     |
| Clarksville_Sew | 93                             | 61 | 79  | 2   | 0.02                       | 1            | 36.28                         | 3.79                                  | 22.78                       | 3.94                                |
| Cookeville      | 90                             | 63 | 77  | 3   | 0.01                       | 1            | 42.69                         | 5.81                                  | 28.55                       | 6.70                                |
| Crossville_AP   | 86                             | 63 | 76  | 3   | 0.07                       | 2            | 44.41                         | 7.99                                  | 30.31                       | 8.91                                |
| Dickson_AG      | 92                             | 60 | 78  | 2   | 0.03                       | 1            | 40.29                         | 5.58                                  | 27.52                       | 6.82                                |
| Dover_1W        | 91                             | 65 | 78  | 2   | 0.00                       | 0            | 42.95                         | 9.21                                  | 28.58                       | 8.74                                |
| Fayetteville_TN | 92                             | 64 | 79  | 4   | 0.62                       | 2            | 33.26                         | -1.72                                 | 21.26                       | 1.56                                |
| Jamestown       | 87                             | 60 | 75  | 2   | 0.27                       | 2            | 46.21                         | 10.66                                 | 32.11                       | 10.40                               |
| Kingston_Spring | 93                             | 61 | 79  | 3   | 0.16                       | 2            | 37.43                         | 4.27                                  | 25.16                       | 5.97                                |
| Lawrenceburg_FI | 91                             | 63 | 78  | 3   | 1.60                       | 1            | 31.64                         | -4.47                                 | 22.45                       | 2.16                                |
| Lewisburg       | 93                             | 58 | 78  | 2   | 0.38                       | 2            | 31.48                         | -4.29                                 | 22.49                       | 1.30                                |
| Linden          | 92                             | 61 | 78  | 2   | 0.40                       | 1            | 39.14                         | 3.08                                  | 29.33                       | 8.26                                |
| Livingston_WLIV | 90                             | 63 | 77  | 3   | 0.64                       | 1            | 46.82                         | 12.45                                 | 32.68                       | 11.83                               |
| Murfreesboro_5N | 93                             | 63 | 79  | 2   | 0.12                       | 1            | 35.03                         | 0.74                                  | 23.85                       | 3.34                                |
| Nashville_Metro | 94                             | 65 | 81  | 3   | 0.05                       | 2            | 34.70                         | 3.87                                  | 24.36                       | 5.77                                |
| Oneida          | 87                             | 60 | 74  | 2   | 1.35                       | 2            | 45.12                         | 9.38                                  | 33.54                       | 11.67                               |
| Portland_TN     | 92                             | 64 | 80  | 5   | 0.02                       | 1            | 40.18                         | 6.62                                  | 26.08                       | 5.82                                |
| Pulaski_Water_P | 91                             | 64 | 78  | -1  | 1.49                       | 1            | 34.68                         | -0.79                                 | 24.47                       | 4.39                                |
| Shelbyville     | 92                             | 64 | 80  | 3   | 0.62                       | 1            | 31.96                         | -3.82                                 | 21.06                       | 0.16                                |
| Sparta_TN       | 94                             | 64 | 79  | 5   | 0.08                       | 3            | 44.65                         | 8.82                                  | 29.53                       | 8.27                                |
| Springfield     | 92                             | 60 | 78  | 3   | 0.00                       | 0            | 34.05                         | 1.78                                  | 24.40                       | 5.00                                |
| Springhill      | 92                             | 63 | 78  | 2   | 0.83                       | 3            | 37.09                         | 1.28                                  | 26.50                       | 5.30                                |
| Tullahoma       | 90                             | 64 | 77  | 0   | 0.39                       | 1            | 33.24                         | -3.63                                 | 21.63                       | 0.73                                |
| East            |                                |    |     |     |                            |              |                               |                                       |                             |                                     |
| Chattanooga/Lov | 95                             | 68 | 82  | 4   | 0.35                       | 2            | 29.14                         | -5.50                                 | 15.99                       | -2.92                               |
| Cleveland_6NNE  | 92                             | 63 | 78  | 2   | 1.88                       | 2            | 36.51                         | 0.93                                  | 26.20                       | 6.18                                |
| Dayton          | 94                             | 66 | 80  | 4   | 0.21                       | 1            | 34.06                         | -2.21                                 | 23.51                       | 3.26                                |
| Erwin_1W        | 90                             | 63 | 76  | 4   | 1.23                       | 4            | 32.88                         | 0.04                                  | 24.32                       | 2.99                                |
| Gatlinburg_2SW  | 90                             | 61 | 75  | 3   | 1.13                       | 3            | 40.77                         | 3.12                                  | 28.04                       | 4.33                                |
| Greeneville     | 90                             | 58 | 75  | 2   | 0.43                       | 2            | 29.30                         | 0.69                                  | 20.13                       | 2.21                                |
| Kingston_AG     | 91                             | 66 | 79  | 5   | 1.08                       | 2            | 39.24                         | 1.02                                  | 26.09                       | 3.95                                |
| Knoxville_AP    | 91                             | 65 | 79  | 4   | 0.75                       | 2            | 37.13                         | 5.57                                  | 24.24                       | 6.00                                |
| Newcomb         | 89                             | 62 | 76  | 4   | 1.31                       | 1            | 44.40                         | 8.66                                  | 30.78                       | 8.91                                |
| Norris_4NE      | 88                             | 62 | 75  | 1   | 1.99                       | 3            | 40.43                         | 5.94                                  | 26.39                       | 5.79                                |
| Tri-City_RGNL_A | 89                             | 61 | 75  | 2   | 0.41                       | 2            | 30.62                         | 3.54                                  | 20.48                       | 3.77                                |

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) in inches.  
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