



**NATIONAL  
AGRICULTURAL  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

**LELAND E. BROWN, Director**

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**AGRICULTURAL NEWS:** After only a one week break, rain was back again, bringing another week of above normal precipitation. However, days suitable for fieldwork remained unchanged from the week before averaging 5.2 days out of a possible 7 days. Farm activities last week included topping, cutting or preparing to cut tobacco, harvesting hay and preparing equipment for corn harvest. **Topsoil moisture** was rated as 1 percent very short, 10 percent short, 82 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 82 percent adequate, and 8 percent surplus.

**TOBACCO:** Tobacco condition is mostly good to excellent with 1 percent rated very poor, 5 percent poor, 14 percent fair, 52 percent good, and 28 percent excellent. Blue mold and black shank continues to be reported as being present in some fields. As of Sunday, August 23, 81 percent of the burley had been topped, ahead of last year's 76 percent, but just behind the average of 82 percent. Twenty percent of burley tobacco has been cut, behind both the 26 percent cut last year, and 33 percent for the five year average. Ninety-four percent of the dark tobacco was topped, compared to 87 percent last year and the average of 91 percent. Twelve percent of the dark tobacco has been cut, compared to 28 percent last year and the average of 29 percent.

**CORN:** Producers rated corn condition as mostly good to excellent with 2 percent rated poor, 9 percent fair, 47 percent good, and 42 percent excellent. Seventy-four percent was in the dough stage or beyond, behind last year's 81 percent and the five year average of 91 percent. Just over half of the corn acreage was in the dent stage at 51 percent, compared to 52 percent for the previous year and the five year average of 69 percent. Just 5 percent of the corn acreage was considered mature, compared to 11 percent for the previous year and well behind the five year average of 29 percent.

**SOYBEANS:** Soybean condition was rated 1 percent very poor, 2 percent poor, 14 percent fair, 46 percent good, and 37 percent excellent. As of

Sunday, August 23, 94 percent of soybeans were blooming, slightly ahead of the 92 percent for last year and tied with the five year average. Seventy-nine percent of the soybeans were setting pods, ahead of both last year's 73 percent and the five year average of 78 percent.

**OTHER CROPS AND PASTURE:** Hay harvest continued last week between rains. Hay remains in mostly good to excellent condition with 1 percent very poor, 4 percent poor, 13 percent fair, 57 percent good, and 25 percent excellent. Pasture condition was also rated mostly good to excellent with 1 percent very poor, 4 percent poor, 12 percent fair, 56 percent good, and 27 percent excellent.

### CROP PROGRESS for week ending 08/23/09

| Crop Stage            | This Week | Last Week | Last Year | 5-Yr Avg |
|-----------------------|-----------|-----------|-----------|----------|
| Percent               |           |           |           |          |
| Corn Dough            | 74        | 53        | 81        | 91       |
| Corn Dent             | 51        | 30        | 52        | 69       |
| Corn Mature           | 5         | NA        | 11        | 29       |
| Soybeans Blooming     | 94        | 85        | 92        | 94       |
| Soybeans Setting Pods | 79        | 63        | 73        | 78       |
| Burley Tobacco Topped | 81        | 66        | 76        | 82       |
| Burley Tobacco Cut    | 20        | 12        | 26        | 33       |
| Dark Tobacco Topped   | 94        | 81        | 87        | 91       |
| Dark Tobacco Cut      | 12        | NA        | 28        | 29       |

### SOIL MOISTURE for week ending 08/23/09

|         | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| Percent |            |       |          |         |
| Topsoil | 1          | 10    | 82       | 7       |
| Subsoil | 1          | 9     | 82       | 8       |

### CROP CONDITIONS for week ending 08/23/09

| Crop      | Very Poor | Poor | Fair | Good | Ex |
|-----------|-----------|------|------|------|----|
| Percent   |           |      |      |      |    |
| Corn      | 0         | 2    | 9    | 47   | 42 |
| Soybeans  | 1         | 2    | 14   | 46   | 37 |
| Pasture   | 1         | 4    | 12   | 56   | 27 |
| Hay Crops | 1         | 4    | 13   | 57   | 25 |
| Tobacco   | 1         | 5    | 14   | 52   | 28 |

# KENTUCKY WEATHER SUMMARY, AUGUST 17 - 23, 2009:

Above normal temperatures and rainfall:

A slow-moving weather system moved through the Ohio Valley during the middle of last week and provided the Commonwealth with above normal rainfall for the 5th time in 6 weeks. Above normal temperatures also continued for the 2nd straight week despite high temperatures in the 70s over the weekend.

Temperatures for the period averaged 76 degrees across the state which was 1 degree above normal. High temperatures averaged from 83 in the West to 81 in the East. Departure from normal high temperatures ranged from 4 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 65 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 5 degrees below normal in the East.

Rainfall for the period totaled 1.00 inch statewide which was 0.30 inches above normal. Rainfall totals by climate division, West 1.00 inches, Central 0.68 inches, Bluegrass 0.94 inches and East 1.26 inches, which was respectively 0.45, 0.02, 0.26 and 0.40 inches above normal. By station, rainfall totals ranged from a low of 0.05 inches at Covington to a high of 2.28 inches at Lexington.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 23, 7:00 P.M.

| Weather Station | Rainfall  |               |               | Deviation From       |                 | Air Temperature |     |            |                | Growing Degree Days |              |                   |
|-----------------|-----------|---------------|---------------|----------------------|-----------------|-----------------|-----|------------|----------------|---------------------|--------------|-------------------|
|                 | Last Week | Since April 1 | Last Four Wks | Norm Since Apr. 1    | Norm Last 4 Wks | High            | Low | Wkly. Avg. | Dev. From Norm | Last Week           | Since Apr. 1 | Dev. Since Apr. 1 |
|                 | (Inches)  |               |               | (Degrees Fahrenheit) |                 |                 |     |            |                |                     |              |                   |
| Bardstown       | 0.21      | 27.35         | 2.58          | +7.42                | -1.14           | 88              | 57  | 74.2       | +1             | 166                 | 2717         | +19               |
| Berea           | 0.36      | 18.11         | 2.73          | -2.29                | -0.94           | 85              | 58  | 72.9       | +0             | 159                 | 2572         | -211              |
| Bowling Green   | 0.35      | 28.84         | 3.85          | +8.07                | +0.48           | 93              | 60  | 76.3       | +3             | 178                 | 2984         | +171              |
| Bristol         | 0.25      | 19.09         | 4.28          | +1.68                | +1.23           | 88              | 61  | 74.2       | +1             | 166                 | 2620         | +44               |
| Buckhorn Lake   | 0.22      | 18.46         | 4.09          | -1.10                | +0.60           | 84              | 56  | 72.7       | -0             | 158                 | 2520         | +81               |
| Cape Girardeau  | 0.59      | 15.78         | 1.05          | -3.44                | -2.11           | 89              | 52  | 73.2       | -2             | 158                 | 2935         | -24               |
| Campbellsville  | 1.42      | 23.12         | 4.93          | +0.27                | +0.67           | 87              | 56  | 73.1       | -0             | 158                 | 2636         | -117              |
| Covington       | 0.05      | 22.76         | 3.79          | +4.16                | +0.62           | 87              | 57  | 73.4       | +1             | 161                 | 2553         | +6                |
| Cumberland Gap  | 0.41      | 21.12         | 3.79          | -0.51                | -0.27           | 87              | 59  | 74.8       | +2             | 170                 | 2658         | +112              |
| Dix Dam         | 0.10      | 18.61         | 2.76          | -1.87                | -0.93           | 87              | 59  | 73.4       | +1             | 162                 | 2581         | -140              |
| Evansville      | 0.59      | 22.47         | 2.61          | +3.86                | -0.35           | 90              | 56  | 74.9       | -0             | 168                 | 2868         | +54               |
| Glasgow         | 0.13      | 25.50         | 1.92          | +2.99                | -1.93           | 91              | 55  | 76.6       | +3             | 178                 | 2918         | +195              |
| Grayson         | 0.58      | 19.77         | 4.14          | +0.40                | +0.57           | 87              | 57  | 73.6       | +1             | 162                 | 2472         | +71               |
| Hardinsburg     | 1.38      | 28.72         | 5.21          | +8.18                | +1.64           | 91              | 58  | 75.1       | +2             | 171                 | 2713         | -100              |
| Henderson       | 0.89      | 19.67         | 2.64          | +0.63                | -0.37           | 87              | 56  | 73.3       | -2             | 159                 | 2724         | -120              |
| Huntington      | 0.49      | 24.55         | 5.71          | +5.14                | +1.99           | 87              | 60  | 75.1       | +2             | 173                 | 2596         | +19               |
| Jackson         | 0.33      | 29.53         | 6.08          | +8.90                | +2.26           | 84              | 59  | 73.9       | +1             | 166                 | 2612         | +173              |
| Lexington       | 2.28      | 27.80         | 7.69          | +7.87                | +3.97           | 88              | 59  | 73.4       | +1             | 161                 | 2654         | +77               |
| London          | 1.60      | 27.60         | 4.89          | +8.58                | +1.67           | 87              | 58  | 74.5       | +2             | 170                 | 2709         | +163              |
| Louisville      | 0.45      | 30.12         | 9.10          | +10.67               | +5.75           | 89              | 61  | 76.4       | +3             | 180                 | 2870         | +33               |
| Mayfield        | 0.44      | 16.92         | 3.75          | -3.84                | +0.18           | 88              | 55  | 73.9       | -1             | 163                 | 2803         | -71               |
| Nashville       | 0.84      | 24.93         | 2.99          | +5.57                | -0.22           | 90              | 60  | 75.9       | +2             | 177                 | 3083         | +71               |
| Nolin Lake      | 1.01      | 26.90         | 5.01          | +5.14                | +1.41           | 88              | 57  | 73.2       | -0             | 159                 | 2699         | +92               |
| Paducah         | 0.79      | 25.67         | 5.14          | +5.00                | +1.99           | 89              | 55  | 74.4       | -1             | 166                 | 3028         | +100              |
| Princeton       | 0.91      | 29.32         | 4.33          | +8.44                | +0.66           | 91              | 54  | 73.5       | -2             | 157                 | 2892         | -5                |
| Quicksand       | 0.24      | 22.68         | 3.36          | +2.05                | -0.46           | 87              | 59  | 74.4       | +2             | 167                 | 2614         | +175              |
| Somerset        | 0.87      | 21.08         | 2.29          | -0.38                | -1.41           | 87              | 56  | 72.8       | +0             | 157                 | 2596         | -41               |
| Spindletop      | 1.82      | 25.57         | 7.40          | +5.64                | +3.68           | 88              | 59  | 73.9       | +1             | 164                 | 2606         | +29               |
| Williamstown    | 0.69      | 27.93         | 6.84          | +8.30                | +3.34           | 85              | 58  | 72.6       | -0             | 156                 | 2486         | -91               |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>