



**NATIONAL
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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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6-09

AGRICULTURAL NEWS: Above normal temperatures and rainfall prevailed across the commonwealth this past week. Temperature average, at 64 degrees, was 2 degrees above normal for this point in the season. Total rainfall for the week was 3.19 inches, 2.06 inches above average. **Topsoil moisture** was rated as 1 percent short, 33 percent adequate, and 66 percent surplus. **Subsoil moisture** was rated as 1 percent very short, 2 percent short, 46 percent adequate, and 51 percent surplus. There was 1 day, out of a possible 7, suitable for fieldwork. Farmers were once again contending with the wet conditions.

TOBACCO: As of Sunday May 10, 12 percent of tobacco plants were less than 2 inches tall, 37 percent were 2 to 4 inches tall, and 51 percent were taller than 4 inches. Only 2 percent of burley tobacco acreage had been set, 6 percent under the five year average. Producers indicate that there will be adequate plants for tobacco setting in 96 percent of the State.

ROW CROPS: Corn planting progress was once again inhibited by the wet weather. Reported progress was 39 percent of intended acreage planted, down 28 percent from last year, and down 44 percent from the five year average. Corn emergence was reported at 27 percent, 10 percent below the previous year, and 34 percent below the five year average. Emerged corn condition was rated 4 percent very poor, 12 percent poor, 42 percent fair, 39 percent good, and 3 percent excellent. Some fields will need to be replanted due to standing water. Soybean planting progress was reported at 2 percent, 6 percent below last year, and 13 percent below the five year average.

SMALL GRAINS: Winter wheat condition was reported as 1 percent very poor, 6 percent poor, 27

percent fair, 53 percent good, and 13 percent excellent. Winter wheat headed was 70 percent, 36 percent ahead of last year, and 6 percent above the five year average. Some lodging was reported due to the rain.

OTHER CROPS AND PASTURE: For the week of May 10, hay crop condition was rated as 5 percent poor, 33 percent fair, 50 percent good, and 12 percent excellent. Pasture condition was rated as 2 percent very poor, 6 percent poor, 25 percent fair, 56 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 05/10/09

| Crop Stage | This Week | Last Week | Last Year | 5-Yr Avg |
|--------------------|-----------|-----------|-----------|----------|
| Percent | | | | |
| Corn Planted | 39 | 35 | 67 | 83 |
| Corn Emerged | 27 | 12 | 37 | 61 |
| Wheat Headed | 70 | 27 | 34 | 64 |
| Soybeans Planted | 2 | 1 | 8 | 15 |
| Soybeans Emerged | 1 | 0 | 0 | 0 |
| Burley Tobacco Set | 2 | 1 | 6 | 8 |
| Dark Tobacco Set | 0 | 0 | 6 | 7 |

SOIL MOISTURE for week ending 05/10/09

| | Very Short | Short | Adequate | Surplus |
|---------|------------|-------|----------|---------|
| Percent | | | | |
| Topsoil | 0 | 1 | 33 | 66 |
| Subsoil | 1 | 2 | 46 | 51 |

CROP CONDITIONS for week ending 05/10/09

| Crop | Very Poor | Poor | Fair | Good | Ex |
|--------------|-----------|------|------|------|----|
| Percent | | | | | |
| Corn Emerged | 4 | 12 | 42 | 39 | 3 |
| Wheat | 1 | 6 | 27 | 53 | 13 |
| Pasture | 2 | 6 | 25 | 56 | 11 |
| Hay Crops | 0 | 5 | 33 | 50 | 12 |

KENTUCKY WEATHER SUMMARY, MAY 4 - 10, 2009:

Above normal temperatures and rainfall:

The Commonwealth experienced yet another week of excessive rainfall as last week was the 6th week out of the past 7 with above normal rainfall. Consequently, this wet pattern has caused growers throughout the Bluegrass State to be continually delayed in field operations. In fact, several counties have reported areas of excessive flooding to the point that they are underwater. Temperatures continued on the warm trend as above normal values were reported for the 3rd straight week.

Temperatures for the period averaged 64 degrees across the state which was 2 degrees above normal. High temperatures averaged from 73 in the West to 70 in the East. Departure from normal high temperatures ranged from 6 degrees below normal in the West to 3 degrees below normal in the East. Low temperatures averaged from 57 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 3.19 inches statewide which was 2.06 inches from normal. Rainfall totals by climate division, West 3.01 inches, Central 3.19 inches, Bluegrass 2.71 inches and East 3.64 inches, which was 1.93, 2.01, 1.62 and 2.51 inches respectively above normal. By station, rainfall totals ranged from a low of 0.05 inches at Buckhorn Lake to a high of 6.00 inches at Jackson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 10, 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 | 2.41 | 9.03 | 5.44 | +3.71 | +1.67 | 75 | 52 | 64.9 | +1 | 102 | 450 | +0 |
| Berea | 2.74 | 8.22 | 5.23 | +2.41 | +1.12 | 77 | 51 | 62.4 | -0 | 85 | 432 | -28 |
| Bowling Green | 1.61 | 7.59 | 4.39 | +1.68 | +0.20 | 80 | 50 | 65.9 | +2 | 109 | 463 | +3 |
| Bristol | 2.23 | 5.46 | 3.47 | +0.90 | +0.23 | 77 | 51 | 64.8 | +2 | 102 | 415 | +5 |
| Buckhorn Lake | 0.05 | 3.83 | 2.24 | -1.25 | -1.34 | 76 | 54 | 63.6 | +1 | 93 | 409 | -1 |
| Cape Girardeau | 0.73 | 6.79 | 5.43 | +0.69 | +1.10 | 81 | 52 | 65.7 | -0 | 109 | 456 | -14 |
| Campbellsville | 1.69 | 9.24 | 5.66 | +2.83 | +1.14 | 75 | 52 | 62.6 | -1 | 86 | 427 | -33 |
| Covington | 0.83 | 4.86 | 3.04 | -0.27 | -0.59 | 73 | 46 | 62.9 | +0 | 91 | 385 | +5 |
| Cumberland Gap | 0.79 | 6.84 | 4.06 | +1.21 | +0.06 | 76 | 54 | 63.6 | +1 | 93 | 409 | -1 |
| Dix Dam | 2.66 | 8.23 | 5.34 | +2.48 | +1.28 | 75 | 52 | 62.5 | -0 | 86 | 411 | -39 |
| Evansville | 2.09 | 9.33 | 7.12 | +3.78 | +3.18 | 79 | 50 | 64.3 | -2 | 98 | 448 | +18 |
| Glasgow | 1.65 | 9.85 | 5.04 | +3.67 | +0.68 | 79 | 47 | 64.4 | +1 | 100 | 472 | +72 |
| Grayson | 2.34 | 6.43 | 4.72 | +1.43 | +1.17 | 76 | 51 | 61.9 | -1 | 80 | 414 | +44 |
| Hardinsburg | 3.44 | 11.71 | 9.31 | +5.83 | +5.15 | 77 | 53 | 64.2 | +0 | 99 | 423 | -37 |
| Henderson | 1.15 | 7.77 | 5.08 | +2.04 | +1.06 | 78 | 54 | 64.1 | -2 | 97 | 436 | -24 |
| Huntington | 2.94 | 6.92 | 4.78 | +1.95 | +1.25 | 76 | 46 | 62.1 | -1 | 85 | 409 | -1 |
| Jackson | 6.00 | 10.61 | 8.43 | +5.06 | +4.52 | 78 | 50 | 62.2 | -0 | 83 | 419 | +9 |
| Lexington | 2.42 | 7.74 | 4.93 | +2.42 | +1.16 | 75 | 48 | 63.1 | +0 | 92 | 388 | +8 |
| London | 4.62 | 9.85 | 7.56 | +4.56 | +3.83 | 80 | 49 | 63.3 | +1 | 93 | 417 | +7 |
| Louisville | 2.33 | 6.77 | 5.27 | +1.05 | +1.24 | 75 | 51 | 64.2 | +0 | 97 | 441 | +11 |
| Mayfield | 1.05 | 5.85 | 4.70 | -0.82 | +0.05 | 76 | 54 | 63.6 | -2 | 93 | 418 | -82 |
| Nashville | 2.66 | 10.49 | 7.88 | +4.55 | +3.68 | 82 | 54 | 66.3 | +2 | 112 | 497 | -3 |
| Nolin Lake | 3.28 | 10.40 | 7.28 | +4.10 | +2.79 | 79 | 53 | 64.7 | +1 | 101 | 457 | +7 |
| Paducah | 1.42 | 7.26 | 5.88 | +0.66 | +1.28 | 82 | 52 | 66.1 | +0 | 111 | 481 | +11 |
| Princeton | 1.90 | 8.98 | 5.99 | +2.58 | +1.51 | 81 | 50 | 65.7 | -0 | 108 | 475 | -15 |
| Quicksand | 5.76 | 10.02 | 7.82 | +4.47 | +3.91 | 76 | 54 | 63.6 | +1 | 93 | 407 | -3 |
| Somerset | 2.46 | 9.74 | 6.65 | +3.75 | +2.40 | 78 | 49 | 62.6 | -0 | 87 | 384 | -66 |
| Spindletop | 1.82 | 7.14 | 4.41 | +1.82 | +0.64 | 75 | 47 | 62.0 | -1 | 85 | 379 | -1 |
| Williamstown | 2.16 | 8.80 | 5.65 | +3.23 | +1.74 | 74 | 54 | 63.1 | +0 | 90 | 394 | +14 |

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/>