



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
P.O. Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

Prepared 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, State Statistician

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MJH 10-02

AGRICULTURAL NEWS: Farmers worked in their fields planting corn and soybeans and setting tobacco last week as weather permitted and fields dried. River bottoms and creek bottoms continue to be flooded or too wet for planting. Last week 4.2 days out of a possible 7 were suitable for farmers to do fieldwork. Low temperatures and frost occurred in various areas of the State early in the week. Some tender crops were hurt by the cold temperatures. **Topsoil moisture** as of Friday, May 24 was 2 percent short, 59 percent adequate and 39 percent surplus. **Subsoil moisture** was 2 percent short, 57 percent adequate and 41 percent surplus.

CORN: Planting of corn showed good advancement from the previous week. As of Sunday, May 26, 70 percent of the intended corn acreage had been planted. Last week 55 percent had been planted. The 2002 planting was down from 99 percent complete last year and 93 percent for the 5 year average. Emerged corn was 59 percent compared to 96 percent last year and the 5 year average 79 percent. Average height of the emerged corn was 10 inches with the tallest corn 17 inches. As of Friday condition of the emerged corn was 2 percent very poor, 11 percent poor, 27 percent fair, 45 percent good and 15 percent excellent. Some corn showed yellowing due to water damage and some insect damage had been reported.

TOBACCO: Farmers actively set their tobacco last week and as of Sunday had set 31 percent of their burley crop and 27 percent of their dark tobacco acreage. Last year at this time 46 percent of the burley had been set with a 5 year

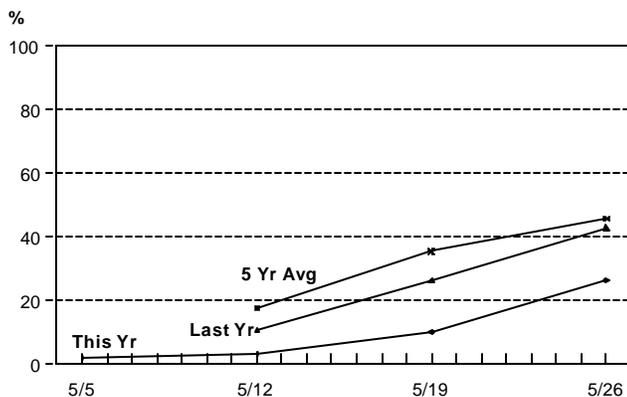
average of 43 percent. The dark tobacco was 58 percent set last year with a 5 year average of 47 percent. Condition of the set tobacco crop was 2 percent very poor, 11 percent poor, 40 percent fair, 40 percent good and 7 percent excellent.

SOYBEANS: Soybean planting advanced to 15 percent, up from 5 percent a week earlier. Compared to year earlier planting was 66 percent complete while the 5 year average was 44 percent. Soybeans emerged was 7 percent with 58 percent last year and 28 percent for average. Condition of the emerged soybeans was 2 percent very poor, 4 percent poor, 26 percent fair, 58 percent good and 10 percent excellent.

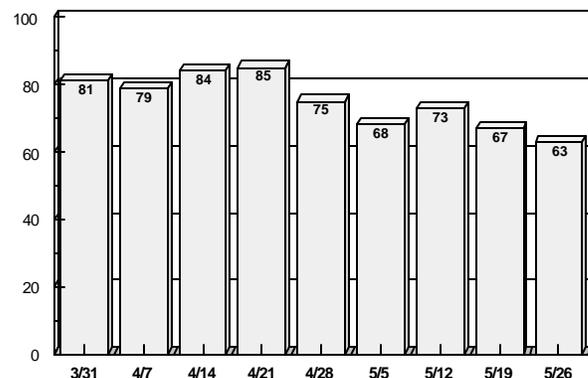
SMALL GRAINS: **Winter wheat** yields still look good but some disease had been reported. Condition of the winter wheat crop was 1 percent very poor, 9 percent poor, 27 percent fair, 45 percent good and 18 percent excellent. **Barley** harvest was just getting started with 5 percent complete.

OTHER CROPS: Farmers were actively cutting and baling **hay** between showers last week. Condition of the hay crop in the field was 1 percent very poor, 3 percent poor, 22 percent fair, 53 percent good and 21 percent excellent. **Pastures** were rated 1 percent very poor, 2 percent poor, 17 percent fair, 54 percent good and 26 percent excellent. **Grain sorghum** was 16 percent planted, behind both 67 percent of last year and 41 percent for the 5 year average.

BURLEY TOBACCO SET PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 26, 2002
WITH COMPARISONS

SOIL MOISTURE
WEEK ENDING MAY 24, 2002
WITH COMPARISONS

| Crop Stage | This Week | Previous Year | 5-Yr. Avg. | Previous Week | |
|--------------------|-----------|---------------|------------|---------------|------|
| | | | | KY | U.S. |
| Percentage | | | | | |
| Corn | | | | | |
| Planted | 70 | 99 | 93 | 55 | 70 |
| Emerged | 59 | 96 | 79 | 47 | 34 |
| Soybeans | | | | | |
| Planted | 15 | 66 | 44 | 5 | 30 |
| Emerged | 7 | 58 | 28 | 3 | 6 |
| Sorghum Planted | 16 | 67 | 41 | 1 | 36 |
| Burley Tobacco Set | 31 | 46 | 43 | 10 | NA |
| Dark Tobacco Set | 27 | 58 | 47 | 7 | NA |

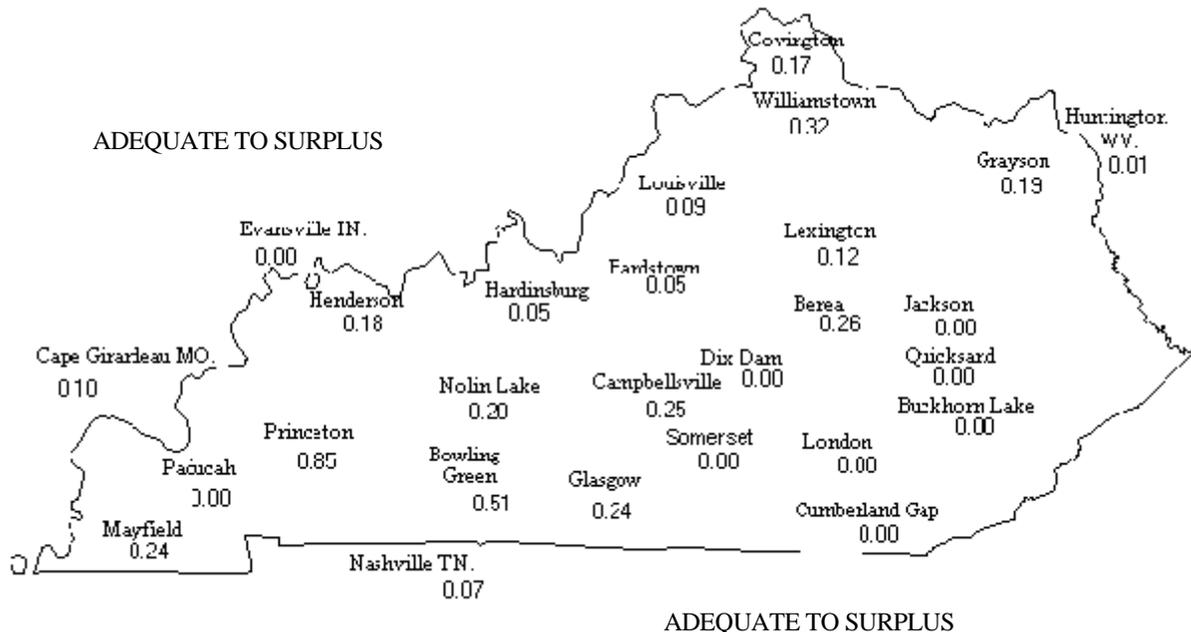
| | This Week | Previous Week |
|----------------|-----------|---------------|
| | | |
| TOPSOIL | | |
| Very Short | 0 | 0 |
| Short | 2 | 0 |
| Adequate | 59 | 27 |
| Surplus | 39 | 73 |
| SUBSOIL | | |
| Very Short | 0 | 0 |
| Short | 2 | 1 |
| Adequate | 57 | 33 |
| Surplus | 41 | 66 |

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

| CROP | WEEK ENDING MAY 24, 2002 | | | | | WEEK ENDING MAY 17, 2002 | | | | |
|------------------|--------------------------|------|------|------|-----------|--------------------------|------|------|------|-----------|
| | VERY POOR | POOR | FAIR | GOOD | EXCELLENT | VERY POOR | POOR | FAIR | GOOD | EXCELLENT |
| Corn Emerged | 2 | 11 | 27 | 45 | 15 | 3 | 12 | 30 | 44 | 11 |
| Soybeans Emerged | 2 | 4 | 26 | 58 | 10 | - | - | - | - | - |
| Wheat | 1 | 9 | 27 | 45 | 18 | 2 | 7 | 24 | 54 | 13 |
| Pasture | 1 | 2 | 17 | 54 | 26 | 1 | 2 | 13 | 56 | 28 |
| Hay Crops | 1 | 3 | 22 | 53 | 21 | 1 | 4 | 18 | 56 | 21 |
| Tobacco Set | 2 | 11 | 40 | 40 | 7 | 2 | 7 | 34 | 52 | 5 |

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 26, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 24, 2002



KENTUCKY WEATHER SUMMARY, MAY 20 - 26, 2002:

BELOW Normal Temperatures and BELOW Normal Rainfall:

Record and near record low temperatures and frost occurred during the first half of the workweek after which a warming trend brought temperatures back to summertime level during the weekend. Rainfall was limited the entire week but the dry conditions were very beneficial and allowed agricultural operations to get back on track after an extended period of record, wet spring weather.

Temperatures for the past 7 days averaged 59 degrees across the State which was 10 degrees BELOW normal. High temperatures averaged from 72 in the West to 68 in the East. Departure from normal high temperatures ranged from 10 degrees BELOW normal in the West to 10 degrees BELOW normal in the East. Low temperatures averaged from 50 degrees in the West to 46 degrees in the East. Departure from normal low temperatures ranged from 9 degrees BELOW normal in the West to 11 degrees BELOW normal in the East. Extreme high temperatures were in the low to mid 80's and extreme low temperatures were in the low 30's.

Rainfall for the period totaled 0.15 inches statewide which was 0.91 inches BELOW normal. Rainfall totals by climate division, West 0.23 inches, Central 0.19 inches, Bluegrass 0.14 inches and East 0.03 inches, which was -0.88, -0.92, -0.88 and -0.98 inches respectively BELOW normal. By station, rainfall totals ranged from a low of 0.00 inches at Cumberland Gap to a high of 0.85 inches at Princeton.

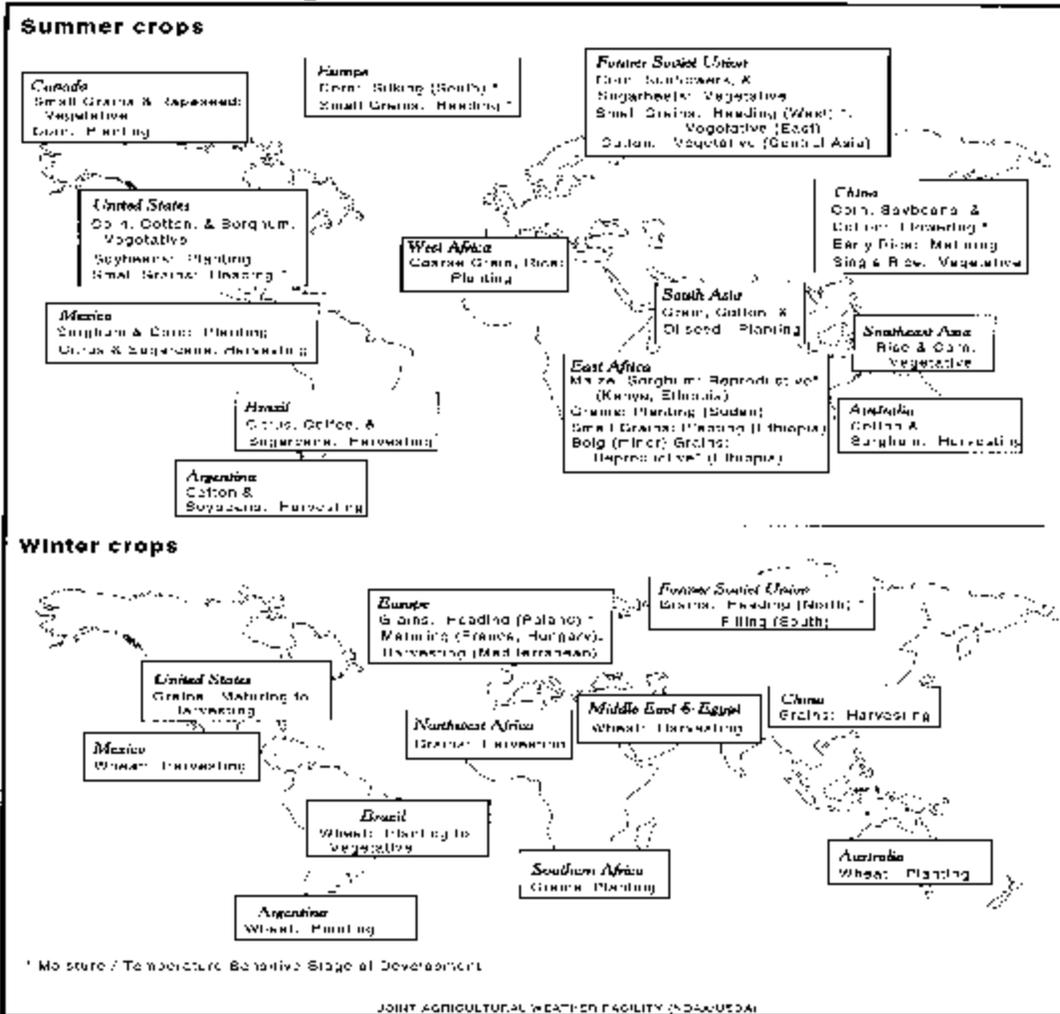
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 26, 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 | 0.05 | 14.37 | 7.28 | +6.74 | +3.27 | 80 | 37 | 59.4 | -9 | 82 | 711 | +21 |
| Berea | 0.26 | 13.96 | 8.92 | +5.67 | +4.60 | 83 | 36 | 58.8 | -9 | 78 | 759 | +43 |
| Bowling Green | 0.51 | 12.86 | 5.56 | +4.40 | +1.13 | 82 | 35 | 59.3 | -9 | 82 | 735 | +19 |
| Bristol | 0.00 | 3.26 | 2.28 | -3.31 | -1.21 | 84 | 31 | 56.0 | -11 | 75 | 718 | +84 |
| Buckhorn Lake | 0.00 | 8.15 | 4.74 | +0.95 | +1.04 | 82 | 36 | 56.1 | -11 | 64 | 667 | +33 |
| Cape Girardeau | 0.10 | 18.81 | 12.79 | +10.03 | +8.14 | 85 | 43 | 64.0 | -6 | 104 | 763 | +21 |
| Campbellsville | 0.25 | 11.13 | 6.54 | +2.04 | +1.87 | 81 | 34 | 58.0 | -10 | 80 | 772 | +56 |
| Covington | 0.17 | 12.84 | 6.91 | +5.50 | +3.07 | 80 | 33 | 57.4 | -10 | 72 | 549 | -55 |
| Cumberland Gap | 0.00 | 5.61 | 3.54 | -2.50 | -0.77 | 82 | 37 | 58.1 | -9 | 78 | 721 | +87 |
| Dix Dam | 0.00 | 13.13 | 7.33 | +4.93 | +3.07 | 81 | 36 | 57.0 | -10 | 72 | 695 | +5 |
| Evansville | 0.00 | 14.86 | 6.45 | +6.86 | +2.20 | 65 | 37 | 53.1 | -17 | 43 | 647 | -39 |
| Glasgow | 0.24 | 9.74 | 6.20 | +0.95 | +1.65 | 85 | 36 | 60.6 | -8 | 91 | 842 | +186 |
| Grayson | 0.19 | 9.57 | 4.41 | +2.37 | +0.60 | 83 | 34 | 55.7 | -12 | 60 | 639 | +61 |
| Hardinsburg | 0.05 | 13.19 | 5.59 | +4.80 | +1.22 | 82 | 36 | 58.6 | -10 | 79 | 704 | -12 |
| Henderson | 0.18 | 16.65 | 8.45 | +8.57 | +4.35 | 82 | 39 | 61.4 | -9 | 94 | 749 | +33 |
| Huntington | 0.01 | 9.48 | 4.16 | +2.31 | +0.35 | 83 | 30 | 57.1 | -10 | 75 | 652 | +18 |
| Jackson | 0.00 | 9.23 | 5.22 | +1.37 | +1.19 | 81 | 38 | 58.5 | -9 | 76 | 674 | +40 |
| Lexington | 0.12 | 9.14 | 3.78 | +1.51 | -0.23 | 82 | 37 | 59.1 | -8 | 78 | 622 | +18 |
| London | 0.00 | 7.58 | 4.60 | +0.09 | +0.77 | 82 | 33 | 56.6 | -11 | 72 | 660 | +26 |
| Louisville | 0.09 | 13.05 | 6.64 | +4.95 | +2.48 | 82 | 36 | 59.1 | -9 | 83 | 675 | -11 |
| Mayfield | 0.24 | 12.04 | 6.59 | +2.79 | +2.05 | 85 | 38 | 59.4 | -11 | 85 | 702 | -70 |
| Nashville | 0.07 | 8.21 | 5.21 | -0.25 | +0.83 | 84 | 41 | 62.1 | -6 | 94 | 813 | +41 |
| Nolin Lake | 0.20 | 12.73 | 5.63 | +3.60 | +0.73 | 82 | 36 | 58.4 | -10 | 79 | 714 | +24 |
| Paducah | 0.00 | 15.71 | 9.93 | +6.56 | +5.45 | 86 | 42 | 64.2 | -6 | 107 | 777 | +35 |
| Princeton | 0.85 | 13.72 | 8.00 | +4.76 | +3.52 | 83 | 40 | 62.7 | -8 | 98 | 859 | +113 |
| Quicksand | 0.00 | 8.95 | 5.11 | +1.09 | +1.08 | 81 | 36 | 55.9 | -11 | 62 | 665 | +31 |
| Somerset | 0.00 | 9.42 | 5.63 | +0.82 | +1.09 | 81 | 33 | 54.4 | -13 | 62 | 682 | -8 |
| Spindletop | 0.00 | 8.55 | 4.36 | +0.92 | +0.35 | 79 | 36 | 58.6 | -9 | 77 | 604 | +0 |
| Williamstown | 0.32 | 10.15 | 5.44 | +2.30 | +1.46 | 82 | 37 | 59.8 | -8 | 83 | 674 | +70 |

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: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

June normal crop calendar



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**UNITED STATES DEPARTMENT OF AGRICULTURE
KENTUCKY AGRICULTURAL STATISTICS SERVICE
AGRICULTURAL STATISTICIAN
POST OFFICE BOX 1120
LOUISVILLE, KENTUCKY 40201-1120**

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