



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

Released weekly April - November

Issued 4:00 P.M., July 7, 2008

15-08

AGRICULTURAL NEWS: Kentucky weather was practically picture perfect for wheat harvest last week being cooler and dry for most of the week. However, there is some apprehension about soil moisture levels and concern about the lack of rain for crop development. **Topsoil moisture** was rated as 9 percent very short, 27 percent short, 61 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 8 percent very short, 25 percent short, 63 percent adequate, and 4 percent surplus. There were 5.3 days suitable for fieldwork. Farmers were busy this past week finishing small grain harvest, planting double-crop soybeans and cutting hay.

TOBACCO: As of Sunday, July 6, the tobacco crop condition was reported as 4 percent poor, 26 percent fair, 51 percent good, and 19 percent excellent. About 46 percent of tobacco plants were under 12 inches high, with 36 percent 12-24 inches in height, and 18 percent were over 24 inches. Tobacco is doing well overall with no wide spread disease problems and only a couple of reports of hornworms.

CORN: Corn condition was rated 1 percent very poor, 3 percent poor, 20 percent fair, 54 percent good, and 22 percent excellent. Thirty-one percent of the corn has tasseled or is tasseling. Sixteen percent of the corn has silked or was silking as of Sunday, July 6, well behind both last year's 62 percent and the five-year average of 59 percent. Lack of rain is becoming an increasing concern in central Kentucky and a few western counties. There were very few reports about insect or disease damage.

SOYBEANS: As of Sunday, July 6, single crop soybean planting is virtually complete with 100 percent reported planted, tied with the 100 percent reported for both last year and the five-year average. Ninety-one percent of double crop soybeans have been planted, slightly ahead of both last year and the average at 90 and 89 percent respectively. Eight percent of soybeans were blooming, significantly behind last year's 20 percent and the five-year average of 21 percent. Ninety-four percent of the soybeans have emerged which was behind last year's 100 percent, but ahead of the five-year average of 90 percent. The average height of

emerged soybeans was 10 inches. Soybean condition was rated 2 percent very poor, 7 percent poor, 24 percent fair, 56 percent good, and 11 percent excellent. Some producers, especially in central and some western counties, are concerned that dry soils will slow crop development for emerged double-crop soybeans.

SMALL GRAINS: Wheat harvest is beginning to wind down with 93 percent of the crop harvested, ahead of the 89 percent harvested last year, but just behind the five-year average of 94 percent. Reporters are extremely positive about yields.

OTHER CROPS AND PASTURE: Pasture condition was rated 2 percent very poor, 9 percent poor, 37 percent fair, 41 percent good, and 11 percent excellent. The condition of hay in the field was rated 3 percent very poor, 9 percent poor, 30 percent fair, 45 percent good, and 13 percent excellent.

CROP PROGRESS for week ending 07/06/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Tasseling	31	10	NA	NA
Corn Silking	16	7	62	59
Soybeans Emerged	94	84	100	90
Soybeans Blooming	8	0	20	21
Wheat Harvested	93	78	89	94

SOIL MOISTURE for week ending 07/06/08

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	9	27	61	3
Subsoil	8	25	63	4

CROP CONDITIONS for week ending 07/06/08

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	3	20	54	22
Soybeans	2	7	24	56	11
Pasture	2	9	37	41	11
Hay Crops	3	9	30	45	13
Tobacco	0	4	26	51	19

KENTUCKY WEATHER SUMMARY, JUNE 30 – JULY 6, 2008:

Below Normal Temperature and Below Normal Rainfall:

Cool temperatures and mostly dry conditions dominated the Bluegrass state last week with scattered showers and thunderstorms at the start of the week and on Friday and Saturday which continued the below normal rainfall pattern.

Temperatures for the period averaged 73 degrees across the state which was 3 degrees below normal. High temperatures averaged from 84 in the West to 81 in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 64 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 3 degrees below normal in the East.

Precipitation (liq. equ.) for the period totaled 0.61 inches statewide which was 0.42 inches below normal. Precipitation totals by climate division, West 0.46 inches, Central 0.86 inches, Bluegrass 0.50 inches and East 0.62 inches, which was 0.46, 0.22, 0.54 and 0.47 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Mayfield to a high of 1.40 inches at Jackson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 6, 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	0.58	14.20	2.94	+1.22	-0.71	86	53	71.3	-4	147	1540	-29
Berea	0.52	13.76	2.51	-0.12	-1.24	84	52	71.4	-4	148	1551	-55
Bowling Green	1.17	13.14	2.00	-1.21	-1.98	91	59	75.3	-0	169	1709	+73
Bristol	0.80	6.88	2.45	-4.70	-0.98	87	50	70.6	-4	142	1522	+50
Buckhorn Lake	0.63	11.06	3.60	-1.89	-0.38	85	54	71.5	-3	149	1540	+134
Cape Girardeau	0.03	16.34	2.17	+2.56	-1.06	90	58	74.4	-3	165	1641	-68
Campbellsville	0.44	11.87	1.82	-3.26	-2.27	86	53	72.0	-4	152	1590	+14
Covington	0.51	14.76	2.12	+2.07	-1.52	85	47	70.4	-5	142	1406	-12
Cumberland Gap	0.18	9.79	2.59	-4.38	-1.55	87	54	71.6	-3	150	1555	+113
Dix Dam	0.54	13.45	2.90	-0.14	-0.75	85	52	71.4	-3	148	1494	-75
Evansville	0.69	17.82	3.32	+4.78	-0.02	88	59	73.9	-4	166	1589	-23
Glasgow	0.15	14.13	1.47	-1.11	-2.93	90	50	73.9	-2	161	1724	+178
Grayson	0.62	14.06	2.53	+1.39	-1.23	84	53	71.0	-4	146	1460	+115
Hardinsburg	1.11	17.99	4.31	+4.10	+0.61	87	53	73.6	-2	162	1610	-26
Henderson	0.65	15.62	2.64	+2.23	-0.93	88	54	73.6	-4	162	1599	-43
Huntington	0.53	15.04	3.20	+2.53	-0.47	84	51	70.9	-4	145	1468	+20
Jackson	1.40	12.19	3.79	-1.23	-0.03	84	54	70.1	-5	140	1502	+96
Lexington	0.52	14.31	3.03	+1.33	-0.62	86	51	71.6	-3	150	1466	+18
London	0.58	10.70	2.11	-2.02	-1.47	87	54	71.9	-3	151	1583	+141
Louisville	0.93	16.62	3.25	+3.44	-0.16	86	58	73.1	-3	161	1683	+71
Mayfield	0.00	9.20	1.41	-5.10	-1.93	86	54	72.3	-5	155	1553	-144
Nashville	0.25	15.13	1.76	+1.54	-1.63	90	60	76.4	+1	178	1786	+47
Nolin Lake	1.20	17.25	2.51	+2.34	-1.34	89	56	74.3	-1	166	1666	+163
Paducah	0.00	16.41	2.87	+1.60	-0.91	90	58	75.4	-2	173	1708	+5
Princeton	1.40	15.39	2.64	+0.95	-1.01	89	56	74.5	-3	166	1733	+61
Quicksand	0.39	10.64	2.80	-2.78	-1.02	85	54	71.5	-3	150	1542	+136
Somerset	0.67	14.02	3.43	-0.59	-0.63	85	52	71.4	-4	148	1481	-52
Spindletop	0.38	14.20	2.84	+1.22	-0.81	85	53	71.6	-3	149	1459	+11
Williamstown	0.51	18.66	3.39	+5.45	-0.25	85	49	70.9	-4	145	1420	-28

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/>