



**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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**AGRICULTURAL NEWS:** Kentucky had beautiful and much more comfortable weather last week, a welcome break from heat and high humidity. However, minimal rainfall was received and was scattered across the state. **Topsoil moisture** was rated as 11 percent very short, 36 percent short, 52 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 14 percent very short, 35 percent short and 51 percent adequate. There were 5.9 days suitable for fieldwork. Farm activities last week included topping, cutting or preparing to cut tobacco and other general farm work.

**TOBACCO:** Tobacco condition is mostly fair to excellent with 1 percent rated very poor, 6 percent poor, 23 percent fair, 52 percent good, and 18 percent excellent. There were still reports of black shank in some fields and reports of worms. As of Sunday, August 10, 45 percent of the burley had been topped, compared to 60 percent for a year ago and the five year average of 55 percent. Harvest is just beginning with 3 percent of burley tobacco cut, compared to 7 percent cut last year and 6 percent for the average. Seventy-five percent of the dark tobacco has been topped, compared to 82 percent last year and the average of 77 percent.

**CORN:** Corn condition was rated 1 percent very poor, 7 percent poor, 18 percent fair, 41 percent good, and 33 percent excellent. Ninety-seven percent of the corn has silked or was silking as of Sunday, August 10, behind both last year and the average of 99 percent. Seventy-seven percent of the corn was in the milk stage or beyond, compared to 83 percent a year ago and the five year average of 84 percent. Half of the crop was in the dough stage or beyond, behind last year's 66 percent and the five year average of 63 percent. Eighteen percent of the corn acreage was in the dent stage, compared to 42 percent for the previous year and the five year average of 39 percent.

**SOYBEANS:** Soybean condition improved where rains were received and was rated 1 percent very poor, 6 percent poor, 23 percent fair, 45 percent good, and 25 percent excellent. As of Sunday,

August 10, 78 percent of soybeans were blooming, behind last year's 88 percent, but slightly ahead of the five year average of 77 percent. Forty-one percent of the soybeans were setting pods, behind last year's 66 percent and the five year average of 54 percent. Although some rain was received, some areas are still very dry and producers of double-crop beans are especially concerned about pod fill.

**OTHER CROPS AND PASTURE:** Hay remains in mostly fair to good condition, with 4 percent very poor, 12 percent poor, 36 percent fair, 42 percent good, and 6 percent excellent. Pasture condition improved somewhat over the past week and was rated 4 percent very poor, 14 percent poor, 34 percent fair, 43 percent good, and 5 percent excellent.

### CROP PROGRESS for week ending 08/10/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	97	90	99	99
Corn Milked	77	57	83	84
Corn Dough	50	31	66	63
Corn Dent	18	6	42	39
Soybeans Blooming	78	64	88	77
Soybeans Setting Pods	41	24	66	54
Burley Tobacco Topped	45	21	60	55
Burley Tobacco Cut	3	NA	7	6
Dark Tobacco Topped	75	53	82	77

### SOIL MOISTURE for week ending 08/10/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	11	36	52	1
Subsoil	14	35	51	0

### CROP CONDITIONS for week ending 08/10/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	7	18	41	33
Soybeans	1	6	23	45	25
Pasture	4	14	34	43	5
Hay Crops	4	12	36	42	6
Tobacco	1	6	23	52	18

# **KENTUCKY WEATHER SUMMARY, AUGUST 4 - 10, 2008:**

**Below normal temperatures and rainfall:**

Aside from one weather system that affected the Commonwealth on August 5th and 6th, last week was relatively dry. The Bluegrass State seems to be trending towards below normal rainfall as 3 of the past 4 weeks have seen below normal values. An unseasonably cool air mass accompanied high pressure in the latter part of the period to continue the relatively mild summer. Above normal temperature values have not been reported in 7 of the past 8 weeks.

Temperatures for the period averaged 75 degrees across the state which was 1 degree below normal. High temperatures averaged from 87 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 65 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 1 degree below normal in the East.

Rainfall for the period totaled 0.35 inches statewide which was 0.65 inches below normal. Rainfall totals by climate division, West 0.17 inches, Central 0.13 inches, Bluegrass 0.59 inches and East 0.348 inches, which was 0.81, 0.84, 0.42 and 0.56 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Cape Girardeau to a high of 1.41 inches at Williamstown.

**Tom Priddy**

## **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 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	0.50	17.92	3.05	-0.36	-1.12	90	54	74.4	-1	165	2415	+16
Berea	0.66	18.38	4.12	-0.35	+0.27	88	55	74.4	-0	168	2409	-62
Bowling Green	0.13	17.64	2.70	-1.66	-1.18	94	58	77.1	+2	178	2646	+145
Bristol	0.30	11.65	2.83	-4.43	-0.70	90	55	73.6	-1	158	2349	+72
Buckhorn Lake	0.05	14.45	2.79	-3.58	-1.20	90	56	74.7	+0	167	2424	+258
Cape Girardeau	0.00	19.23	1.64	+1.47	-1.54	93	55	76.6	-0	175	2575	-59
Campbellsville	0.16	16.10	2.34	-4.83	-2.25	92	54	74.8	-0	163	2468	+27
Covington	1.20	18.64	2.29	+1.45	-1.25	87	56	72.8	-2	157	2258	+10
Cumberland Gap	0.00	13.97	2.48	-5.85	-1.98	90	56	74.7	+0	167	2438	+191
Dix Dam	0.64	16.92	2.83	-1.93	-1.31	89	55	74.3	-0	166	2367	-42
Evansville	0.73	21.81	2.17	+4.51	-1.18	89	56	75.7	-1	175	2510	+8
Glasgow	0.04	20.91	2.92	+0.09	-1.46	95	54	75.9	+1	166	2610	+199
Grayson	0.77	17.26	1.86	-0.54	-2.17	87	56	73.0	-1	158	2304	+189
Hardinsburg	0.96	26.38	5.26	+7.42	+1.27	96	58	75.9	+1	169	2506	+5
Henderson	0.78	20.93	3.84	+3.22	+0.44	93	57	76.0	-1	172	2512	-20
Huntington	0.53	17.17	1.57	-0.59	-2.56	87	56	72.9	-1	158	2306	+28
Jackson	0.09	17.40	2.34	-1.54	-2.00	85	57	72.4	-2	154	2336	+170
Lexington	0.39	17.61	2.67	-0.67	-1.50	89	55	74.1	-0	165	2336	+58
London	0.40	15.61	3.52	-2.02	-0.31	90	56	74.5	+0	166	2450	+203
Louisville	0.19	19.75	2.84	+1.79	-0.92	92	63	78.6	+3	191	2675	+163
Mayfield	0.00	11.38	1.26	-7.78	-2.58	90	56	74.7	-2	167	2440	-122
Nashville	0.00	19.20	1.33	+1.29	-2.09	96	56	77.9	+3	181	2746	+72
Nolin Lake	0.26	21.76	3.39	+1.57	-0.75	94	57	76.4	+1	171	2579	+271
Paducah	0.00	23.33	4.66	+4.06	+1.15	93	58	77.1	+0	179	2653	+50
Princeton	0.00	19.11	1.88	-0.08	-1.90	95	56	76.7	-0	173	2642	+70
Quicksand	0.08	15.68	2.17	-3.26	-2.17	90	56	74.7	+0	167	2426	+260
Somerset	0.80	21.00	5.63	+1.19	+1.53	90	54	73.4	-1	155	2330	-8
Spindletop	0.39	16.83	2.21	-1.45	-1.96	90	56	74.1	-0	165	2330	+52
Williamstown	1.41	23.19	3.71	+5.13	-0.12	88	56	73.4	-1	161	2282	+4

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/>