



**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

DAVID KNOPF, Director

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Agricultural News: Kentucky experienced very dry conditions last week. Precipitation for the week totaled 0.47 inches, 0.31 in below normal. Temperature for the week averaged 50 degrees, 1 degree cooler than normal. **Topsoil moisture** was rated 1 percent very short, 5 percent short, 80 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 8 percent short, 82 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible seven. Primary activities this week included harvesting corn and soybeans, stripping tobacco and seeding winter wheat.

Crops: As of Sunday, November 10, 90 percent of the **corn** crop had been harvested, compared to 100 percent last year and the five-year average of 97 percent. Sixty-six percent of the **soybean** crop has been harvested, compared to 90 percent last year and 86 percent for the five-year average.

Tobacco: Thirty-five percent of burley tobacco has been stripped, compared to 32 percent last year and 34 percent for the five-year average. Condition of stripped tobacco was rated at 1 percent very poor, 3 percent poor, 17 percent fair, 62 percent good, and 17 percent excellent.

Other Crops: **Winter wheat** seeded was reported at 64 percent, compared to 84 percent last year and

79 percent for the five-year average. Thirty-three percent of the winter wheat crop was reported to be emerged. Condition of winter wheat was reported as 30 percent fair, 47 percent good, and 23 percent excellent.

CROP PROGRESS for week ending 11/10/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Harvested	90	83	100	97
Soybeans Harvested	66	51	90	86
Winter Wheat Seeded	64	50	84	79
Winter Wheat Emerged	33	20	N/A	N/A
Burley Tobacco Stripped	35	27	32	34

SOIL MOISTURE for week ending 11/10/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	5	80	14
Subsoil	-	8	82	10

CROP CONDITIONS for week ending 11/10/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	-	-	30	47	23
Tobacco Stripped	1	3	17	62	17

KENTUCKY WEATHER SUMMARY, NOVEMBER 4 - 10, 2013:

Below Normal Temperatures and Rainfall:

Dry conditions were in control across the state for much of this past period. High pressure sitting over southeastern portions of the US kept the Commonwealth warm and dry for the first half of the work week behind breezy southerly flow. Temperatures warmed to around normal by Tuesday with highs in the low to mid 60s. A cold front then swept through the region on Wednesday with winds ahead of the boundary becoming quite breezy. Wind speeds of 20 mph with gusts around 30 were common. The front passed through the region during the afternoon and evening hours with rainfall totals between a quarter and half inch. This ended up being the only rainfall event for the week. Out of the past 10 weeks, this period marked the 7th time the state has seen below normal rainfall. High pressure then moved in for the remainder of the period with clear skies and highs hovering in the 50s.

Temperatures for the period averaged 50 degrees across the state which was 1 degree cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 61 in the West to 61 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 37 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 77 degrees at LOUISA 1S and the extreme low was 24 degrees at BOONEVILLE 2S.

Precipitation (liq. equ.) for the period totaled 0.47 inches statewide which was 0.31 inches below normal and 61% of normal. Precipitation totals by climate division, West 0.38 inches, Central 0.51 inches, Bluegrass 0.48 inches and East 0.49 inches, which was 0.51, 0.3, 0.21 and 0.22 inches below normal. By station, precipitation totals ranged from a low of 0.23 inches at FORT CAMPBELL to a high of 0.91 inches at LOUISA 1S.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, NOVEMBER 10, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Relative Humidity		
	Last Week	Since April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	High	Low	Avg.	Dev. From Normal	Average High Low	
	(Inches)			(Degrees Fahrenheit)							
Bardstown	0.59	33.63	2.95	+5.79	+0.33	69	28	50	0	97 28	
Berea	0.64	32.79	3.15	+3.28	+0.25	73	27	49	+1	88 38	
Bowling Green	0.59	39.74	2.67	+9.84	-0.56	71	28	50	0	100 20	
Bristol	0.18	32.36	0.71	+7.30	-1.77	74	26	47	-1	100 28	
Buckhorn Lake	0.40	28.51	1.85	+0.32	-1.00	72	30	50	+2	93 30	
Cape Girardeau	0.23	25.26	2.10	-2.75	-0.96	64	33	53	+1	100 23	
Campbellsville	0.52	36.12	2.80	+2.96	-0.37	71	25	48	-2	96 53	
Covington	0.44	33.29	2.22	+6.94	-0.59	66	28	49	+1	100 33	
Cumberland Gap	0.49	36.32	1.60	+5.76	-1.75	73	26	49	+1	100 28	
Dix Dam	0.51	39.50	2.48	+10.52	-0.40	70	28	49	+1	93 26	
Evansville	0.34	29.47	2.14	+2.98	-0.77	65	29	49	-3	94 30	
Glasgow	0.59	34.93	2.47	+2.96	-0.80	73	28	51	+1	100 25	
Grayson	0.67	31.50	3.30	+4.37	+0.51	72	27	48	0	94 39	
Hardinsburg	0.27	29.93	1.55	+0.33	-1.60	70	26	50	0	100 44	
Henderson	0.28	28.07	1.52	+0.61	-1.46	64	29	50	-2	94 30	
Huntington	0.59	27.74	2.10	+0.43	-0.74	75	29	49	+1	100 29	
Jackson	0.40	35.03	2.27	+5.65	-0.71	73	31	51	+3	93 24	
Lexington	0.68	40.03	2.99	+12.19	+0.37	71	32	51	+3	93 26	
London	0.35	35.83	2.11	+8.43	-0.78	73	29	50	+2	93 25	
Louisville	0.25	33.12	2.63	+5.66	-0.18	69	32	51	+1	93 28	
Mayfield	0.50	42.58	1.51	+11.62	-2.22	67	30	51	-1	94 39	
Nashville	0.03	30.03	1.29	+2.38	-1.60	71	30	51	+1	100 29	
Nolin Lake	0.80	33.45	3.08	+1.83	-0.26	73	28	53	+3	100 25	
Paducah	0.34	34.52	1.81	+4.86	-1.37	66	30	52	0	97 26	
Princeton	0.39	37.53	1.26	+7.70	-2.05	68	28	50	-2	94 39	
Quicksand	0.38	29.43	2.05	+0.05	-0.93	75	25	47	-1	94 39	
Somerset	0.87	31.82	3.37	+0.68	+0.07	73	25	48	0	100 23	
Spindletop	0.68	40.73	3.44	+12.89	+0.82	71	30	48	0	97 33	
Williamstown	0.42	36.19	2.66	+8.24	-0.26	69	29	49	+1	94 39	

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr' 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/>