



**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

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Agricultural News: Kentucky experienced very wet and windy conditions last week. Precipitation for the week totaled 1.20 inches, 0.43 in above normal. Temperature for the week averaged 56 degrees, 3 degrees warmer than normal. **Topsoil moisture** was rated 1 percent very short, 6 percent short, 79 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 1 percent very short, 11 percent short, 80 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 4.1 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 3, 83 percent of the **corn** crop had been harvested, compared to 98 percent last year and the five-year average of 93 percent. Ninety percent of **soybeans** were considered mature, compared to 99 percent for last year and the five-year average. Fifty-one percent of the soybean crop has been harvested, compared to 81 percent last year and 76 percent for the five-year average. Condition of the soybean crop was rated 1 percent very poor, 2 percent poor, 11 percent fair, 52 percent good, and 16 percent excellent.

Tobacco: Twenty-seven percent of burley tobacco has been stripped, compared to 25 percent last year and 26 percent for the five-year average. Condition of housed tobacco was rated at 1 percent very poor, 4 percent poor, 20 percent fair, 58 percent good, and 17 percent excellent. Condition of stripped tobacco was rated at 3 percent poor, 16 percent fair, 65 percent good, and 16 percent excellent. While tobacco is in mostly good condition, some producers

are reporting its weight is lighter than normal.

Other Crops: **Winter wheat** seeded was reported at 50 percent, compared to 73 percent last year and 68 percent for the five-year average. Twenty percent of the winter wheat crop was reported to be emerged. Condition of winter wheat was reported as 1 percent very poor, 1 percent poor, 27 percent fair, 53 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 11/03/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Harvested	83	76	98	93
Soybeans Mature	90	76	99	99
Soybeans Harvested	51	38	81	76
Winter Wheat Seeded	50	34	73	68
Winter Wheat Emerged	20	11	N/A	N/A
Burley Tobacco Stripped	27	18	25	26

SOIL MOISTURE for week ending 11/03/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	6	79	14
Subsoil	1	11	80	8

CROP CONDITIONS for week ending 11/03/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Soybeans	1	2	11	52	34
Wheat	1	1	27	53	18
Tobacco Harvested	1	4	20	58	17
Tobacco Stripped	-	3	16	65	16

KENTUCKY WEATHER SUMMARY, OCTOBER 28 – NOVEMBER 3, 2013:

Above Normal Temperatures and Rainfall:

A strong cold front making its way through the region made for a very wet and windy work week across the Ohio Valley. As low pressure approached the region earlier in the period, a warm front lifting north sparked widespread showers across the area. Temperatures then warmed significantly on Wednesday behind the frontal passage. Breezy southerly flow put highs back into the upper 60s to mid 70s. The front then swept through the region on Halloween and through the overnight. Winds increased drastically ahead of the boundary with wind gusts over 40 mph common across the state. Some severe wind gusts were recorded with even some isolated, weak tornados. Dry conditions then moved briefly into the Bluegrass State for the day Friday before scattered showers once again formed Saturday as an upper level disturbance passed through the eastern half of Kentucky. Overall, the Commonwealth averaged over an inch of rainfall over the course of the week, which is nearly a half inch above normal. This helped push Louisville to the wettest October on record.

Temperatures for the period averaged 56 degrees across the state which was 3 degrees warmer than normal and 12 degrees warmer than the previous period. High temperatures averaged from 66 in the West to 64 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 48 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 79 degrees at FORT CAMPBELL and the extreme low was 28 degrees at HARTFORD 3E.

Precipitation (liq. equ.) for the period totaled 1.20 inches statewide which was 0.43 inches above normal and 156% of normal. Precipitation totals by climate division, West 0.92 inches, Central 1.41 inches, Bluegrass 1.50 inches and East 0.97 inches, which was 0.06, 0.61, 0.79 and 0.26 inches above normal. By station, precipitation totals ranged from a low of 0.44 inches at BURKESVILLE 3W to a high of 2.36 inches at SHEPHERDSVILLE 6SE.

-Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, NOVEMBER 3, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Relative Humidity	
	Since Last Week	Last April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	High	Low	Avg.	Dev. From Normal	Average
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Percentage)
Bardstown	1.83	33.04	2.61	+5.99	+0.20	71	32	55	+3	98 41
Berea	1.52	32.15	3.22	+3.54	+0.58	70	34	56	+5	88 38
Bowling Green	1.35	39.15	2.08	+10.29	-0.80	78	31	58	+6	100 34
Bristol	0.36	32.18	0.94	+7.81	-1.44	75	32	57	+6	100 40
Buckhorn Lake	1.02	28.11	1.62	+0.77	-1.02	70	37	57	+6	100 34
Cape Girardeau	1.62	25.03	2.39	-2.06	-0.43	76	32	56	+1	100 42
Campbellsville	1.29	35.60	2.48	+3.38	-0.46	75	30	56	+4	96 53
Covington	1.16	32.85	1.83	+7.30	-0.82	65	33	53	+2	100 31
Cumberland Gap	0.82	35.83	1.47	+6.27	-1.62	77	35	58	+7	100 40
Dix Dam	1.34	38.99	2.36	+10.86	-0.31	70	35	55	+4	100 46
Evansville	1.23	29.13	1.80	+3.51	-0.89	75	33	54	-1	94 30
Glasgow	1.12	34.34	1.88	+3.43	-1.00	77	32	58	+6	100 38
Grayson	1.52	30.83	4.06	+4.43	+1.33	68	32	54	+3	97 51
Hardinsburg	0.97	29.66	1.28	+1.03	-1.59	78	28	56	+4	100 44
Henderson	0.88	27.79	1.24	+1.28	-1.41	78	32	56	+1	94 30
Huntington	0.66	27.15	1.92	+0.62	-0.80	75	35	56	+5	100 37
Jackson	0.98	34.63	2.50	+6.15	-0.23	71	38	57	+6	100 38
Lexington	1.72	39.35	2.32	+12.30	-0.09	69	35	55	+4	100 46
London	1.04	35.48	2.88	+8.98	+0.27	76	36	59	+8	94 37
Louisville	2.09	32.87	2.38	+6.27	-0.18	70	38	56	+4	100 31
Mayfield	0.46	42.08	1.01	+12.26	-2.39	76	34	58	+3	97 51
Nashville	0.83	30.00	1.26	+3.31	-1.26	80	36	59	+7	100 37
Nolin Lake	1.59	32.65	2.39	+2.08	-0.62	77	33	59	+7	100 38
Paducah	1.14	34.18	1.47	+5.53	-1.38	78	33	59	+4	94 34
Princeton	0.46	37.14	0.87	+8.39	-2.05	76	31	57	+2	97 51
Quicksand	0.99	29.05	2.26	+0.57	-0.47	74	36	56	+5	97 51
Somerset	1.58	30.95	2.50	+0.79	-0.56	74	33	56	+5	100 42
Spindletop	2.02	40.05	2.76	+13.00	+0.35	67	33	52	+1	100 46
Williamstown	1.67	35.77	2.29	+8.64	-0.48	67	34	53	+2	97 51