



**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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This is the last issue of the 2013 Weekly Crop Weather Report. We thank and are most appreciative of the many farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Tom Priddy, Matthew Dixon, and the U.K. Ag Weather Center for supplying the weather data for this report. Also, thanks to the agricultural news media for the professional manner in which they distribute agricultural news across the State. Publication of the 2014 series will begin about the first week of April.

Agricultural News: Kentucky experienced dry conditions last week. Precipitation for the week totaled 0.53 inches, 0.47 in below normal. Temperature for the week averaged 42 degrees, 3 degrees cooler than normal. **Topsoil moisture** was rated 1 percent very short, 4 percent short, 76 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 5 percent short, 83 percent adequate, and 12 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 24, 96 percent of the **corn** crop had been harvested, compared to 100 percent for last year and the five-year average. Eighty-seven percent of the **soybean** crop has been harvested, compared to 99 percent for last year and the five-year average.

Tobacco: Fifty percent of burley tobacco has been stripped, compared to 43 percent last year and 61 percent for the five-year average. Condition of stripped tobacco was rated at 1 percent very poor, 4 percent poor, 21 percent fair, 61 percent good, and 13 percent excellent.

Other Crops: **Winter wheat** seeded was reported at 91 percent, compared to 95 percent last year and 94 percent for the five-year average. Fifty-nine percent of the winter wheat crop was reported to be emerged. Condition of winter wheat was rated at 18 percent fair, 64 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 11/24/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Corn Harvested	96	94	100	100
Soybeans Harvested	87	78	99	99
Winter Wheat Seeded	91	78	95	94
Winter Wheat Emerged	59	44	N/A	N/A
Burley Tobacco Stripped	50	42	43	61

SOIL MOISTURE for week ending 11/24/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	1	4	76	19
Subsoil	-	5	83	12

CROP CONDITIONS for week ending 11/24/13

Crop	Very Poor	Poor	Fair	Good	Ex
Wheat	-	-	18	64	18
Tobacco Stripped	1	4	21	61	13

KENTUCKY WEATHER SUMMARY, NOVEMBER 18 - 24, 2013:

Below Normal Temperatures and Precipitation:

Dry conditions returned to the Bluegrass State this past period. Surface high pressure was dominant through the early stages of the work week with clear skies evident on a daily basis. Highs generally stayed in the upper 40s to mid 50s with lows dropping into the upper 20s to low 30s. Clouds then began to increase Wednesday night ahead of an approaching cold front. While rainfall was mostly confined to northern portions of the state later in the day on Thursday, coverage became more widespread on Friday. Rainfall totals ranged mostly between a quarter and half inch across the state. Strong, Arctic high pressure then moved in for the weekend. High temperatures on Saturday only made it into the upper 30s to mid 40s behind breezy northwesterly flow. Many awoke to temperatures in the upper teens to low 20s Sunday morning before only rising into the 30s during the day. This helped push the Bluegrass State to a third straight week of below normal temperatures.

Temperatures for the period averaged 42 degrees across the state which was 3 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 52 in the West to 51 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 34 degrees in the West to 34 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 68 degrees at HINDMAN 5N and the extreme low was 11 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 0.53 inches statewide which was 0.47 inches below normal and 53% of normal. Precipitation totals by climate division, West 0.45 inches, Central 0.59 inches, Bluegrass 0.37 inches and East 0.72 inches, which was 0.7, 0.47, 0.5 and 0.19 inches below normal. By station, precipitation totals ranged from a low of 0.04 inches at OWENSBORO AWSS to a high of 1.27 inches at ALBANY 1N.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, NOVEMBER 25, 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.	Wkly. High	Low	Avg.	Dev. From Normal	Average	
		1	Wks.	Apr 1	4 Wks.					High	Low
	(Inches)			(Degrees Fahrenheit)							
Bardstown	0.37	36.78	5.57	+7.36	+2.53	66	17	44	0	98	20
Berea	1.08	35.09	4.46	+3.80	+1.03	62	17	41	-2	88	38
Bowling Green	0.58	41.67	3.87	+9.71	-0.06	64	19	44	0	97	26
Bristol	0.53	33.31	1.49	+6.88	-1.20	69	19	45	+2	100	32
Buckhorn Lake	0.59	29.42	2.33	-0.47	-0.95	68	16	43	0	100	27
Cape Girardeau	0.00	26.34	2.93	-3.52	-0.63	60	18	42	-5	100	30
Campbellsville	0.45	38.25	3.94	+3.22	+0.33	63	18	42	-2	96	53
Covington	0.57	35.07	3.38	+7.10	+0.24	55	15	40	-3	100	39
Cumberland Gap	0.88	37.50	2.49	+4.93	-1.38	64	19	44	+1	100	32
Dix Dam	0.28	40.90	3.25	+10.21	-0.05	63	17	41	-2	97	29
Evansville	0.03	30.86	2.96	+2.63	-0.39	63	18	40	-7	94	37
Glasgow	0.99	37.40	4.18	+3.30	+0.14	64	18	43	-1	100	25
Grayson	0.46	33.09	3.78	+4.48	+0.87	60	17	41	-2	97	40
Hardinsburg	0.23	30.85	2.16	-0.69	-1.55	66	16	43	-1	100	44
Henderson	0.22	28.93	2.02	-0.44	-1.61	60	17	41	-6	94	37
Huntington	0.29	28.89	2.40	0.00	-0.68	61	18	42	-1	100	30
Jackson	0.73	36.12	2.47	+4.93	-1.01	64	17	44	+1	97	30
Lexington	0.45	41.45	3.82	+12.03	+0.78	63	18	42	-1	97	29
London	0.57	36.73	2.29	+7.52	-1.16	62	19	44	+1	90	27
Louisville	0.19	36.13	5.35	+6.94	+2.04	65	20	44	0	96	26
Mayfield	0.73	44.33	2.71	+11.08	-1.68	65	18	45	-2	97	40
Nashville	0.97	32.21	3.04	+2.63	-0.59	66	20	45	+1	100	30
Nolin Lake	1.07	36.20	5.14	+2.47	+1.12	68	17	48	+4	100	25
Paducah	0.32	36.42	3.38	+4.74	-0.46	62	19	44	-3	93	29
Princeton	0.32	38.21	1.53	+6.22	-2.57	65	17	43	-4	97	40
Quicksand	0.96	30.76	2.70	-0.43	-0.78	65	18	42	-1	97	40
Somerset	1.02	33.77	4.40	+0.68	+0.63	62	19	42	-1	100	30
Spindletop	0.45	42.05	4.02	+12.63	+0.98	58	15	38	-5	100	40
Williamstown	0.13	38.58	4.48	+8.97	+1.25	58	16	40	-3	97	40