



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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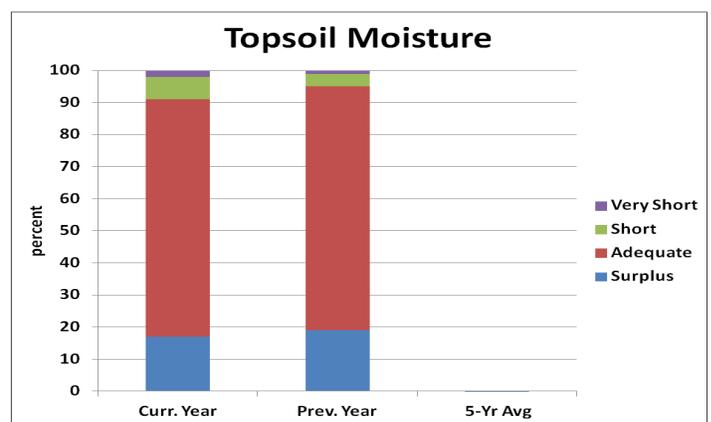
This is the last issue of the 2014 Weekly Crop Weather Report. We thank and are most appreciative of the farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Tom Priddy, Matthew 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 2015 series will begin about the first week of April.

**Agricultural News:** Kentucky experienced below normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.05 inches, 0.06 inches above normal. Temperatures averaged 35 degrees for the week, 11 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 7 percent short, 74 percent adequate and 17 percent surplus. **Subsoil moisture** was rated 2 percent very short, 9 percent short, 80 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.2 out of a possible seven. Hay and roughage supplies were reported as 1 percent very short, 12 percent short, 78 percent adequate, and 9 percent surplus. Primary activities this week included harvesting crops and stripping tobacco. Recent cold temperatures may impact young wheat depending on the timing of emergence.

**SOIL MOISTURE for week ending 11/23/14**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	7	74	17
Subsoil	2	9	80	9

- Represents zero.



**CROP PROGRESS for week ending 11/23/14**

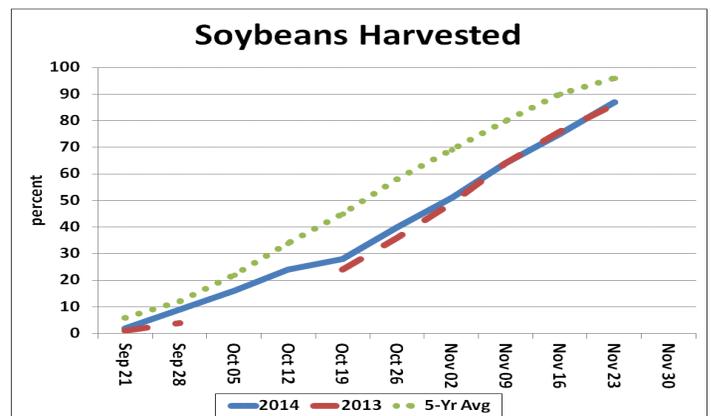
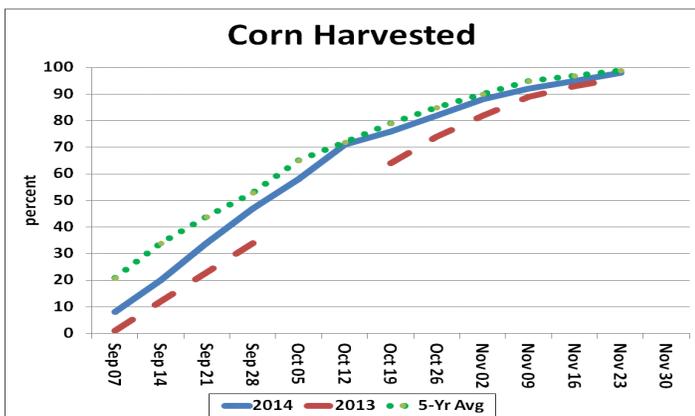
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	98	95	96	99
Soybeans Harvested	87	75	86	96
Tobacco Stripped	51	42	49	44
Winter Wheat Seeded	93	85	89	91
Winter Wheat Emerged	69	59	57	-

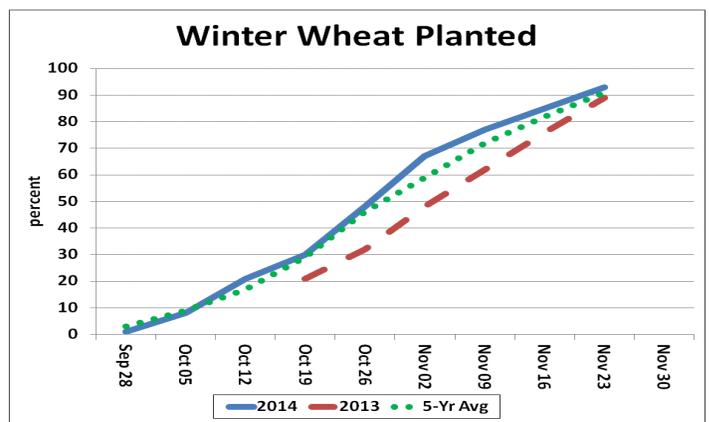
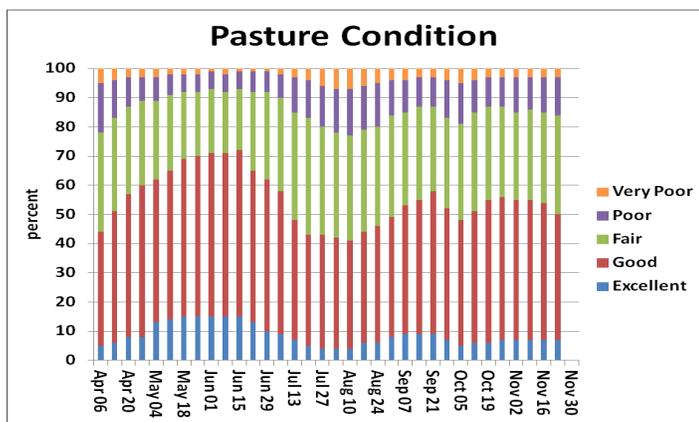
- Represents data not available.

**CROP CONDITIONS for week ending 11/23/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	13	34	43	7
Tobacco Stripped	1	7	22	57	13
Wheat	1	3	14	71	11

- Represents zero.





**Kentucky Climate Summary  
For the Period November 17, 2014 to November 23, 2014**

Much Below Normal Temperatures and Above Normal Precipitation:

A winter-like weather pattern was the highlight of this past period. The work week started off with an early season winter storm as low pressure meandered along the Appalachian Mountains. Record cold air filtered into Kentucky on the backside of the system, transitioning any rain to snow as Monday morning progressed. Snowfall totals were most significant along the Ohio River, where most locations saw 3 to 5 inches. Accumulations then gradually decreased to the southeast. Attention then turned toward the northwest as the Commonwealth got another shot of Arctic air. Lows fell into the teens Monday and Tuesday night. Some locations even dipped into the single digits. Highs on Tuesday were only in the 20s, which was roughly 30 degrees below normal. Wind chills dipped into the single digits for an extended period of time, prompting the livestock cold stress index to fall into the emergency category. Temperatures were finally on the upward swing on Friday and eventually went above normal over the weekend. Widespread rain showers developed on Sunday and helped to end a 4 week span of below normal precipitation as the state averaged slightly more than an inch.

Temperatures for the period averaged 35 degrees across the state which was 11 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 46 in the West to 45 in the East. Departure from normal high temperatures ranged from 11 degrees cooler than normal in the West to 11 degrees cooler than normal in the East. Low temperatures averaged from 27 degrees in the West to 25 degrees in the East. Departure from normal low temperature ranged from 10 degrees cooler than normal in the West to 8 degrees cooler than normal in the East. The extreme high temperature for the period was 67 degrees at CADIZ 4SW and the extreme low was 2 degrees at HENDERSON 5E. Kentucky has experienced 5 straight weeks of below normal temperatures.

Precipitation (liq. equ.) for the period totaled 1.05 inches statewide which was 0.06 inches above normal and 106% of normal. Precipitation totals by climate division, West 0.95 inches, Central 1.12 inches, Bluegrass 1.08 inches and East 1.04 inches, which was -0.19, 0.07, 0.22 and 0.14 inches respectively from normal. By station, precipitation totals ranged from a low of 0.52 inches at FORT CAMPBELL to a high of 1.59 inches at ALBANY 1N.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 11/23/14 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	1.02	25.87	2.32	-3.44	-0.69	61	10	34	-11	97	25
Berea	0.98	35.37	2.78	4.20	-0.61	61	11	33	-10	88	38
Bowling Green	0.85	34.02	2.63	2.20	-1.25	65	16	38	-7	90	27
Bristol	0.93	27.52	2.45	1.19	-0.22	60	13	35	-8	100	16
Buckhorn Lake	0.89	34.95	3.73	5.18	0.48	61	15	35	-8	96	15
Cape Girardeau	1.03	35.03	2.23	5.30	-1.29	64	8	35	-12	100	30
Campbellsville	1.45	36.36	3.28	1.47	-0.30	62	14	35	-10	96	53
Covington	0.92	30.21	1.39	2.36	-1.72	60	11	31	-12	89	12
Cumberland Gap	1.12	34.64	5.07	2.21	1.24	60	16	36	-7	100	16
Dix Dam	1.36	30.27	2.96	-0.30	-0.31	63	11	34	-9	100	15
Evansville	1.45	33.95	2.23	5.84	-1.09	64	9	34	-13	94	36
Glasgow	0.99	32.65	2.85	-1.30	-1.13	63	15	37	-8	100	28
Grayson	0.87	30.06	2.34	1.56	-0.56	64	12	33	-10	96	40
Hardinsburg	0.69	29.09	1.46	-2.31	-2.21	66	12	36	-9	100	44
Henderson	1.22	31.72	2.17	2.48	-1.41	65	11	35	-12	94	36
Huntington	0.85	35.56	3.44	6.79	0.38	66	12	34	-9	100	29
Jackson	1.25	37.91	3.97	6.85	0.53	63	15	36	-7	97	9
Lexington	1.49	41.53	2.92	12.22	-0.09	63	11	33	-10	100	15
London	1.10	35.49	4.44	6.41	1.03	60	16	36	-7	93	14
Louisville	1.22	31.23	1.77	2.16	-1.50	65	16	35	-10	96	16
Mayfield	0.86	34.13	2.14	1.04	-2.20	66	14	38	-9	96	40
Nashville	0.90	38.05	4.18	8.61	0.60	66	18	41	-4	100	29
Nolin Lake	1.03	29.23	2.62	-4.35	-1.35	64	15	39	-6	100	28
Paducah	1.40	33.76	2.78	2.23	-1.02	67	10	37	-10	97	28
Princeton	1.06	31.63	2.03	-0.21	-2.01	65	11	36	-11	96	40
Quicksand	1.23	36.08	4.07	5.02	0.63	64	16	35	-8	96	40
Somerset	1.32	34.47	3.33	1.52	-0.41	61	14	35	-8	100	30
Spindletop	2.06	36.02	3.66	6.71	0.65	63	14	34	-9	99	31
Williamstown	1.24	32.15	1.99	2.66	-1.21	60	11	32	-11	96	40

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.