



# Crop Progress and Condition

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**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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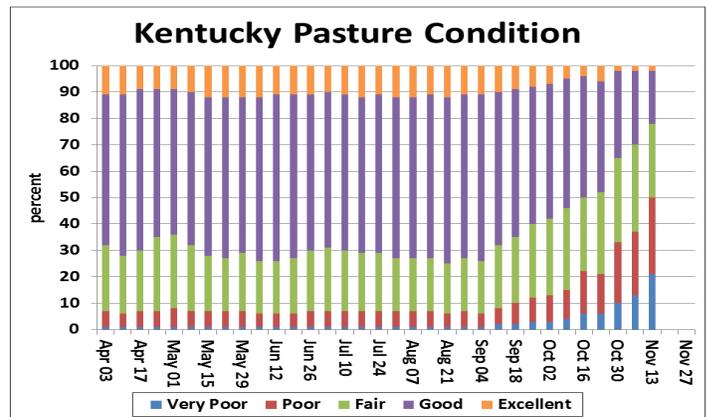
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**Agricultural News:** Kentucky experienced near normal temperatures and well below normal rainfall over the past week. Precipitation for the week totaled 0.14 inches, 0.68 inches below normal. Temperatures averaged 49 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 31 percent very short, 45 percent short, 23 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 28 percent very short, 43 percent short, 28 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.5 out of a possible seven.

Primary activities this week included harvesting soybeans, stripping tobacco, and seeding winter wheat. Most of the state remains under moderate drought conditions according to the US Drought Monitor, with southern and southeastern portions now in a severe drought. Very little growth is occurring for pastures, wheat, and cover crops due to the lack of moisture; frosts were also reported this week. Livestock producers continue to feed hay, and many are concerned about the water supply with ponds beginning to dry up.

**SOIL MOISTURE for week ending 11/13/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	31	45	23	1
Subsoil	28	43	28	1



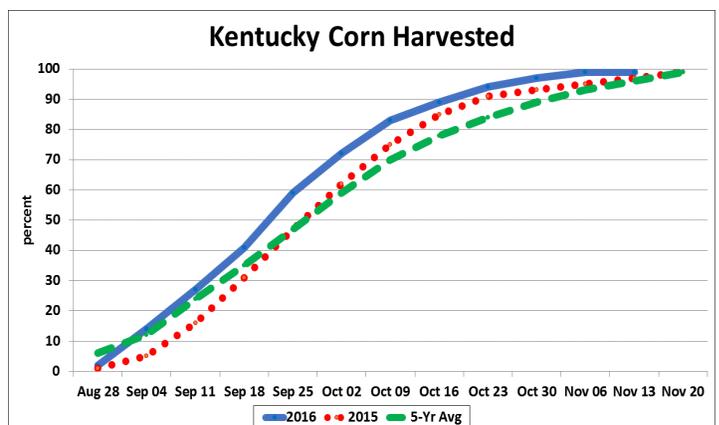
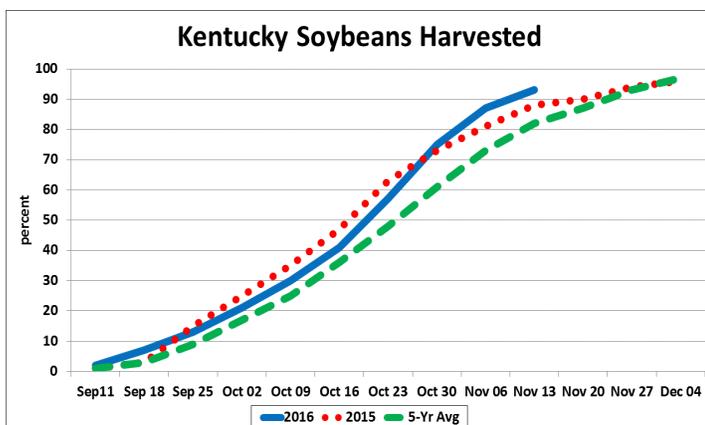
**CROP PROGRESS for week ending 11/13/16**

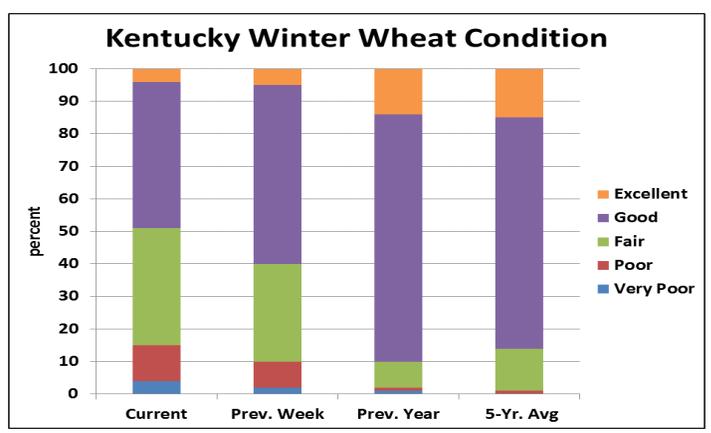
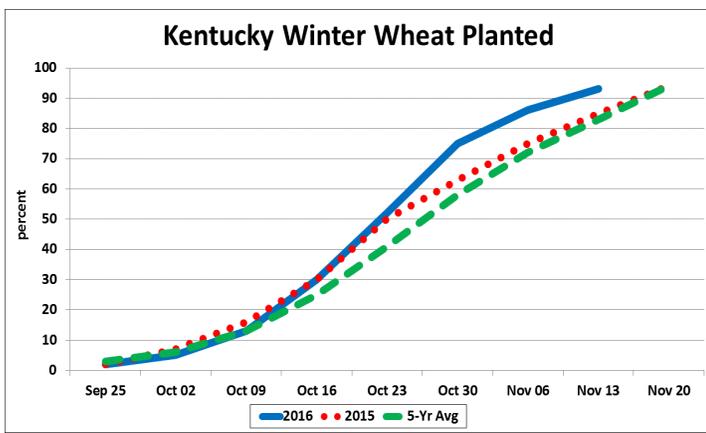
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	99	99	97	96
Soybeans Harvested	93	87	88	82
Tobacco Stripped	55	48	53	40
Winter Wheat Seeded	93	86	85	83
Winter Wheat Emerged	68	53	60	-

**CROP CONDITIONS for week ending 11/13/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	21	29	28	20	2
Wheat	4	11	36	45	4

- Represents not available.





**Kentucky Climate Summary  
For the Period November 7, 2016 to November 13, 2016**

Near Normal Temperatures and Well Below Normal Rainfall:

Much of South-Central and Southeastern Kentucky are now in a Severe Drought according to the latest update to the US Drought Monitor. The state only averaged a little over a tenth of an inch this past week with the passage of a cold front on Election Day. Going back the past 60 days, the state has only averaged 2.71 inches, which is nearly 4 inches below normal. While dry conditions continued, frost and freezing temperatures returned, bringing an official end to the growing season. The first occurrence came Thursday morning as lows dropped into the upper 20s to middle 30s with widespread frost formation. The coldest temperatures of the fall season were then seen on Saturday night and Sunday morning as high pressure of Canadian origin moved overhead, leading to a hard freeze across the state. Skies cleared and allowed lows to drop into the 20s for much of Kentucky. Some of the typical cooler spots even hit the upper teens.

Temperatures for the period averaged 49 degrees across the state which was near normal and 14 degrees cooler than the previous period. High temperatures averaged from 64 in the West to 61 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 37 degrees in the West to 36 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 77 degrees at BOWLING GREEN APT and the extreme low was 19 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.14 inches statewide which was 0.68 inches below normal and 17% of normal. Precipitation totals by climate division, West 0.10 inches, Central 0.12 inches, Bluegrass 0.22 inches and East 0.11 inches, which was 0.88, 0.74, 0.49 and 0.63 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 0.47 inches at CARLISLE 5SW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 11/13/16 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	0.27	31.69	1.50	3.51	-1.21	71	25	49	1	97	22
Berea	0.14	28.03	0.90	-1.86	-2.11	72	21	46	-1	88	38
Bowling Green	0.02	27.99	0.40	-2.35	-2.98	77	28	52	4	97	28
Bristol	0.01	18.06	0.54	-7.29	-1.99	70	26	50	3	100	24
Buckhorn Lake	0.00	27.13	1.25	-1.43	-1.69	71	27	49	2	90	22
Cape Girardeau	0.00	31.75	0.24	3.34	-2.93	72	23	50	0	100	23
Campbellsville	0.07	29.73	0.35	-3.83	-2.91	73	23	48	0	96	53
Covington	0.14	27.35	3.04	0.65	0.16	69	24	48	1	100	23
Cumberland Gap	0.00	31.05	0.94	0.06	-2.52	73	23	47	0	100	24
Dix Dam	0.19	26.80	0.87	-2.55	-2.10	73	23	49	2	96	25
Evansville	0.09	31.05	0.24	4.18	-2.77	73	26	51	1	93	27
Glasgow	0.05	38.52	0.38	6.09	-3.05	74	29	50	2	100	28
Grayson	0.29	31.37	1.25	3.92	-1.57	72	22	47	0	96	37
Hardinsburg	0.20	35.49	0.72	5.47	-2.55	75	24	50	2	100	44
Henderson	0.13	30.61	0.18	2.74	-2.94	74	26	51	1	93	27
Huntington	0.24	29.41	2.77	1.76	-0.12	75	26	49	2	100	33
Jackson	0.11	31.67	1.46	1.90	-1.63	72	32	50	3	96	23
Lexington	0.22	28.65	0.97	0.47	-1.74	73	25	49	2	96	25
London	0.05	27.08	0.89	-0.71	-2.12	70	26	48	1	92	21
Louisville	0.15	26.03	0.89	-1.80	-2.02	76	31	53	5	89	20
Mayfield	0.38	33.03	0.95	1.58	-2.92	74	26	52	2	96	37
Nashville	0.01	18.63	0.37	-9.44	-2.68	70	33	54	6	100	33
Nolin Lake	0.10	33.09	0.59	1.02	-2.90	78	27	53	5	100	28
Paducah	0.05	29.22	0.29	-0.87	-3.03	73	23	52	2	96	24
Princeton	0.03	32.50	0.27	2.20	-3.21	74	25	50	0	96	37
Quicksand	0.05	31.32	1.06	1.55	-2.03	73	21	46	-1	96	37
Somerset	0.12	31.09	0.51	-0.47	-2.89	73	24	48	1	100	23
Spindletop	0.47	33.18	0.89	5.00	-1.82	75	23	50	3	97	26
Williamstown	0.28	26.75	1.49	-1.56	-1.50	70	25	48	1	96	37

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