



# 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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This is the last issue of the 2016 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. We will be converting to monthly reports for the winter season (*Release Dates: Jan 3, Jan 30, Feb 27 & Mar 27*). Publication of the 2017 weekly series will begin the first week of April.

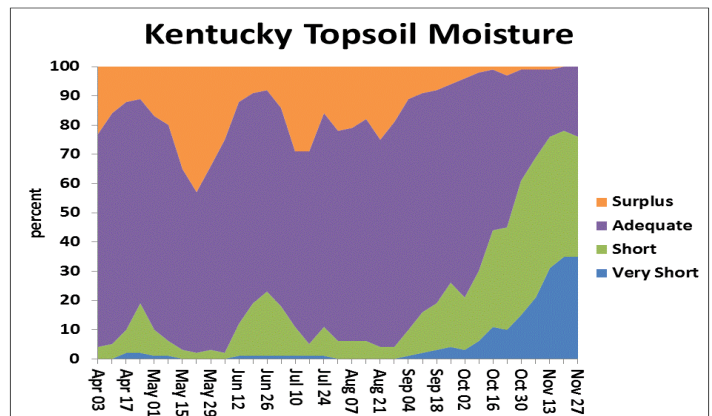
**Agricultural News:** Kentucky experienced below normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.23 inches, 0.81 inches below normal. Temperatures averaged 43 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 35 percent very short, 41 percent short, and 24 percent adequate. **Subsoil moisture** was rated 34 percent very short, 41 percent short, and 25 percent adequate. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities this week included harvesting crops and stripping tobacco. Light rainfall occurred, but soil and pasture conditions continue to remain very dry. Germination problems for cover crops and winter wheat have been reported due to the ongoing drought. Some farm ponds have dried up as well, causing water issues for livestock producers. Many farmers have been feeding hay earlier as a result of drought conditions late in the season. Hay and roughage supplies were reported as 2 percent very short, 12 percent short, 76 percent adequate, and 10 percent surplus.

**SOIL MOISTURE for week ending 11/27/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	35	41	24	-
Subsoil	34	41	25	-

- Represents zero.



**CROP PROGRESS for week ending 11/27/16**

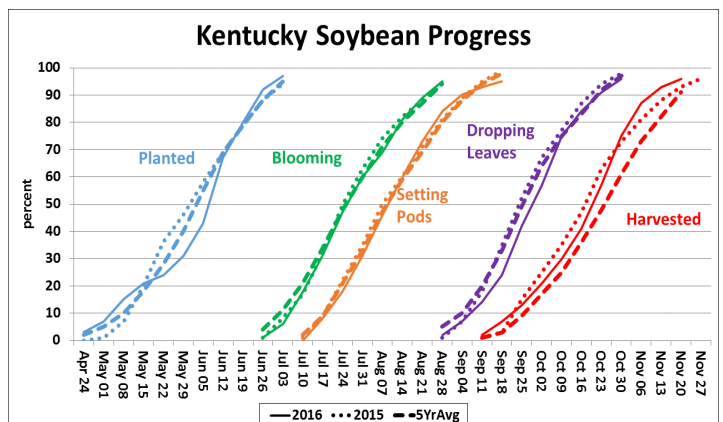
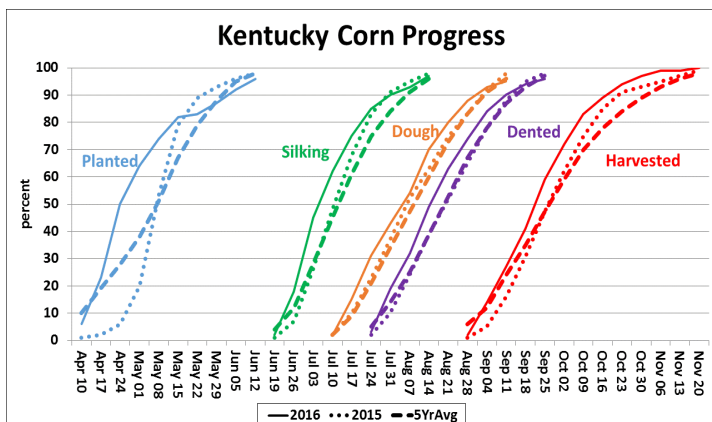
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Tobacco Stripped	67	60	66	53
Winter Wheat Emerged	83	77	81	-

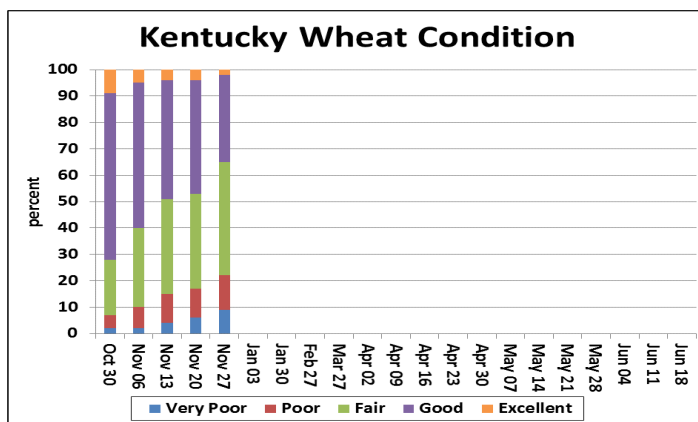
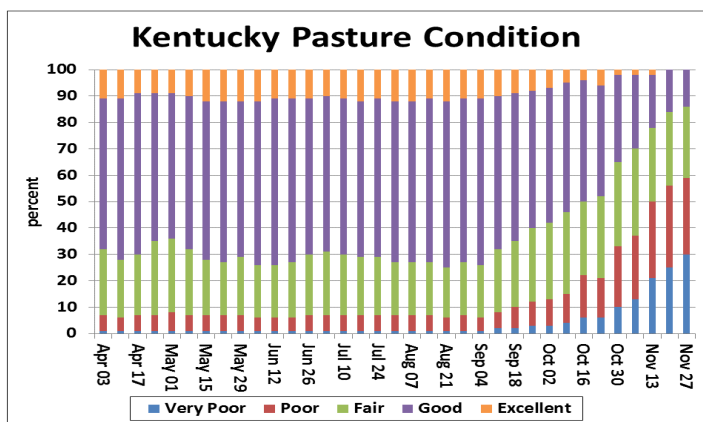
- Represents not available.

**CROP CONDITIONS for week ending 11/27/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	4	17	68	10
Pasture	30	29	27	14	-
Wheat	9	13	43	33	2

- Represents zero.





**Kentucky Climate Summary  
For the Period November 21, 2016 to November 27, 2016**

Below Normal Temperatures and Below Normal Rainfall:

Cooler temperatures stuck around for much of this period, ending a streak of 7 straight weeks of near to above normal temperatures. The coldest readings were seen early in the work week, following a strong cold front from the weekend before. Temperatures by Monday morning were in the upper teens to middle 20s for much of Kentucky. As high pressure shifted east, southerly flow brought those temperatures up over the next couple days. Rain showers then returned Wednesday and into Thursday as a system passed through the Ohio Valley. This brought the area widespread, light rain showers. Accumulations were highest in Western Kentucky, around a half inch. Those numbers dropped as the system moved east with Eastern Kentucky averaging under a tenth of an inch. According to data with the Ag Weather Center, the state has only averaged 1.86 inches over the past 60 days, which is over 5 inches below normal. While most of Kentucky remained under a ‘Severe’ drought with the latest update to the US Drought Monitor, portions of South-Central and Southeastern Kentucky were put into an ‘Extreme’ drought.

Temperatures for the period averaged 43 degrees across the state which was 1 degree cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 52 in the West to 53 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 35 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 70 degrees at BURKESVILLE 3W and the extreme low was 14 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 0.23 inches statewide which was 0.81 inches below normal and 22% of normal. Precipitation totals by climate division, West 0.50 inches, Central 0.22 inches, Bluegrass 0.17 inches and East 0.03 inches, which was 0.7, 0.88, 0.72 and 0.93 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 1.58 inches at POPLAR BLUFF ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 11/27/16 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)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.17	32.14	0.88	2.38	-2.25	64	22	42	-1	98	22
Berea	0.15	28.39	0.69	-3.29	-2.85	62	18	41	0	88	38
Bowling Green	0.23	28.43	0.46	-3.98	-3.62	68	23	45	2	97	16
Bristol	0.03	18.18	0.17	-8.55	-2.56	65	18	43	2	100	21
Buckhorn Lake	0.02	27.34	0.22	-2.92	-3.15	64	21	43	2	93	23
Cape Girardeau	1.03	32.95	1.20	2.70	-2.46	57	23	43	-2	100	20
Campbellsville	0.25	30.12	0.46	-5.31	-3.25	67	19	42	-1	96	53
Covington	0.21	27.75	0.58	-0.56	-2.63	53	24	41	0	100	41
Cumberland Gap	0.00	31.32	0.37	-1.68	-3.61	67	17	43	2	100	21
Dix Dam	0.15	27.05	0.64	-4.00	-2.75	62	17	41	0	96	24
Evansville	0.58	32.24	1.28	3.63	-2.17	54	22	43	-2	87	36
Glasgow	0.40	39.08	0.61	4.53	-3.59	68	21	44	1	100	17
Grayson	0.10	31.71	0.86	2.79	-2.08	57	20	40	-1	96	38
Hardinsburg	0.20	36.02	0.76	4.07	-3.07	63	18	43	0	100	44
Henderson	0.42	31.40	0.93	1.62	-2.84	54	21	43	-2	87	36
Huntington	0.16	29.69	0.84	0.47	-2.29	58	22	41	0	100	28
Jackson	0.01	31.94	0.41	0.36	-3.18	63	24	44	3	97	20
Lexington	0.13	28.91	0.54	-0.85	-2.59	61	21	42	1	96	24
London	0.00	27.26	0.25	-2.33	-3.32	65	20	44	3	93	17
Louisville	0.32	26.55	0.76	-3.01	-2.66	65	28	45	2	93	21
Mayfield	0.99	35.19	2.86	1.45	-1.67	57	24	44	-1	96	38
Nashville	0.01	18.77	0.15	-11.22	-3.64	71	26	47	4	100	28
Nolin Lake	0.23	33.57	0.58	-0.61	-3.58	68	21	46	3	100	17
Paducah	0.60	30.05	0.88	-2.06	-3.10	57	23	44	-1	93	25
Princeton	0.40	33.86	1.39	1.40	-2.88	56	22	44	-1	96	38
Quicksand	0.01	31.59	0.34	0.01	-3.25	65	18	42	1	96	38
Somersset	0.26	31.56	0.67	-1.95	-3.21	64	17	42	1	100	20
Spindletop	0.15	33.48	0.90	3.72	-2.23	61	21	42	1	97	28
Williamstown	0.27	27.19	0.79	-2.78	-2.50	57	22	40	-1	96	38

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