



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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Kentucky Department of Agriculture  
Cooperative Extension Service

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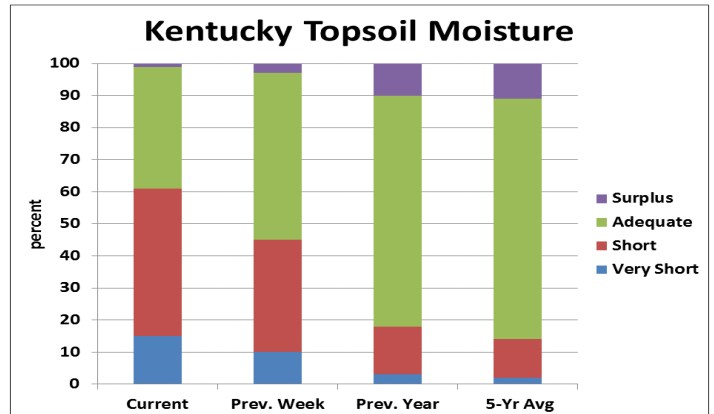
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**Agricultural News:** Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.02 inches, 0.74 inches below normal. Temperatures averaged 61 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 15 percent very short, 46 percent short, 38 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 13 percent very short, 45 percent short, 41 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.5 out of a possible seven.

Primary activities this week included harvesting corn and soybeans, planting wheat and cover crops, and stripping tobacco. Dry conditions allowed for harvest of corn and soybeans to advance ahead of normal. The lack of moisture continues to be a concern for germination of new seedings. Rain is needed to establish fall seeded crops. Pastures are also in need of rain as many livestock producers have started feeding hay earlier than normal.

**SOIL MOISTURE for week ending 10/30/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	15	46	38	1
Subsoil	13	45	41	1



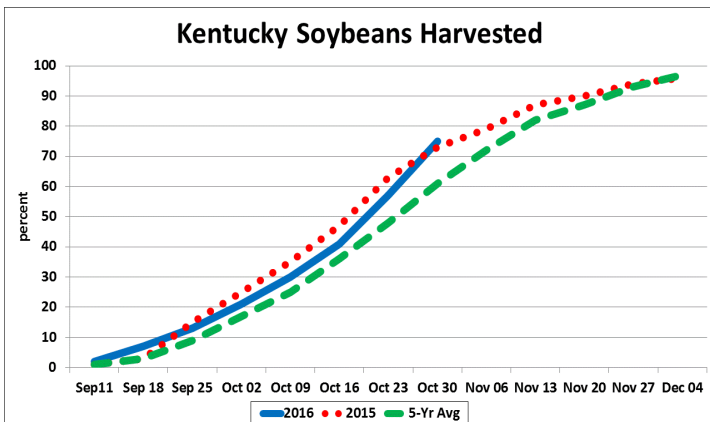
**CROP PROGRESS for week ending 10/30/16**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	97	94	93	89
Soybeans Dropping Leaves	96	91	98	97
Soybeans Harvested	75	57	73	61
Tobacco Stripped	39	31	37	24
Winter Wheat Seeded	75	52	63	58
Winter Wheat Emerged	41	26	32	15

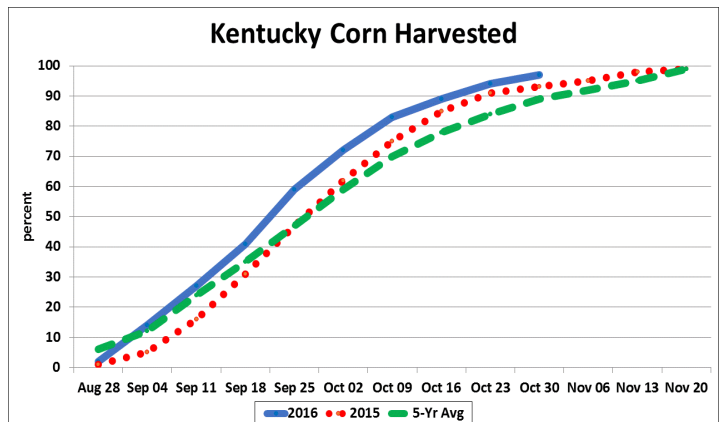
**CROP CONDITIONS for week ending 10/30/16**

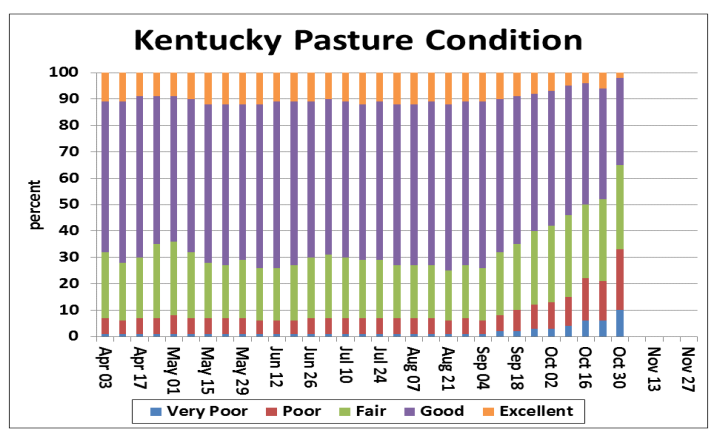
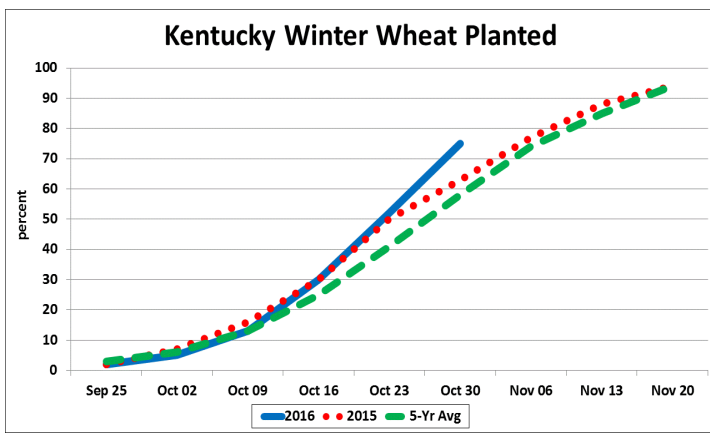
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	3	16	71	9
Pasture	10	23	32	33	2
Tobacco Housed	3	11	32	49	5
Wheat	2	5	21	63	9

**Kentucky Soybeans Harvested**



**Kentucky Corn Harvested**





**Kentucky Climate Summary  
For the Period October 24, 2016 to October 30, 2016**

Much Above Normal Temperatures and Well Below Normal Rainfall:

Dry conditions continue to persist across the Lower Ohio Valley. Most of the state did not see any rainfall this past week as high pressure remained in control. Any locations that did see precipitation with a frontal passage midweek, only saw a couple hundredths for the most part. Long-term deficits continue to worsen with six straight weeks of below normal rainfall. The state is nearly 2.5 inches below normal for the month of October and over 3.5 inches for the past 60 days. While the US Drought Monitor kept much of the state under ‘Abnormally Dry’ conditions, ‘Moderate Drought’ was expanded into Southcentral Kentucky. Temperatures also continued to run well above normal. Over the weekend, gusty southwest flow pushed highs into the low to middle 80s, breaking several records across the state. Normal high temperatures for the last week of October are in the low to middle 60s. Climatologically speaking, most of Kentucky has now surpassed the average date of first freeze.

Temperatures for the period averaged 61 degrees across the state which was 7 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 77 in the West to 74 in the East. Departure from normal high temperatures ranged from 10 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 49 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at PADUCAH ASOS and the extreme low was 32 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.02 inches statewide which was 0.74 inches below normal and 3% of normal. Precipitation totals by climate division, West 0.03 inches, Central 0.01 inches, Bluegrass 0.01 inches and East 0.01 inches, which was 0.82, 0.77, 0.68 and 0.7 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 0.27 inches at CARBONDALE ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/30/16 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	0.02	31.26	1.09	4.63	-1.23	80	39	61	8	97	27
Berea	0.02	27.70	0.57	-0.44	-1.96	80	37	59	7	88	38
Bowling Green	0.01	27.97	0.56	-0.35	-2.17	85	42	64	11	100	26
Bristol	0.02	18.01	0.49	-5.99	-1.85	79	34	58	6	100	19
Buckhorn Lake	0.00	27.12	1.27	0.23	-1.28	81	39	64	12	93	31
Cape Girardeau	0.10	31.75	0.64	5.16	-2.07	84	38	62	6	100	26
Campbellsville	0.02	29.66	0.28	-2.06	-2.57	82	40	60	7	96	53
Covington	0.00	27.17	2.90	2.06	0.32	79	41	59	7	90	42
Cumberland Gap	0.00	30.95	0.85	1.93	-2.13	82	34	61	9	100	19
Dix Dam	0.00	26.41	0.49	-1.26	-2.09	81	37	61	9	93	30
Evansville	0.00	30.96	0.15	5.80	-2.44	84	41	62	6	100	10
Glasgow	0.01	38.47	0.40	8.12	-2.32	82	43	64	11	100	29
Grayson	0.01	30.85	0.73	4.87	-1.97	81	36	58	6	96	38
Hardinsburg	0.00	35.26	0.50	7.14	-2.25	83	39	61	8	100	44
Henderson	0.00	30.47	0.13	4.46	-2.38	83	39	62	6	100	10
Huntington	0.05	28.85	2.27	2.76	-0.40	81	36	59	7	99	24
Jackson	0.00	31.53	1.51	3.53	-1.12	82	43	63	11	86	31
Lexington	0.00	28.37	0.69	1.74	-1.63	82	37	61	9	93	30
London	0.00	27.01	0.90	0.99	-1.59	81	40	61	9	90	22
Louisville	0.00	25.79	0.65	-0.35	-1.80	84	44	63	10	86	30
Mayfield	0.00	32.33	0.54	3.12	-2.72	83	43	65	9	96	38
Nashville	0.00	18.62	0.36	-7.58	-2.01	86	46	67	14	99	24
Nolin Lake	0.00	32.99	0.50	2.97	-2.36	85	43	66	13	100	29
Paducah	0.03	29.17	0.34	1.05	-2.37	85	41	64	8	96	31
Princeton	0.02	32.47	0.24	4.28	-2.51	83	41	62	6	96	38
Quicksand	0.00	31.25	1.00	3.25	-1.63	82	33	59	7	96	38
Somerset	0.01	30.89	0.31	1.26	-2.64	81	39	61	9	100	26
Spindletop	0.02	32.58	0.29	5.95	-2.03	82	38	61	9	98	32
Williamstown	0.03	26.40	1.14	-0.27	-1.56	79	37	60	8	96	38

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