



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: October 17, 2016

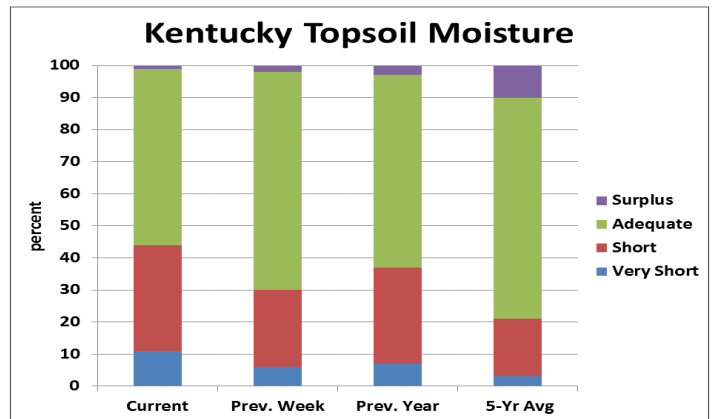
Issue: 33-16

Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.05 inches, 0.67 inches below normal. Temperatures averaged 62 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 11 percent very short, 33 percent short, 55 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 8 percent very short, 29 percent short, 62 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.5 out of a possible seven.

Dry conditions continued throughout the state. Primary activities this week included harvesting corn and soybeans, sowing wheat and stripping tobacco. Weather conditions have not been optimal for tobacco curing. Some livestock producers have begun feeding hay due to deteriorating pasture conditions. Rain would be welcome to improve pasture conditions, bring tobacco in case and for establishment of newly seeded fields.

SOIL MOISTURE for week ending 10/16/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	11	33	55	1
Subsoil	8	29	62	1



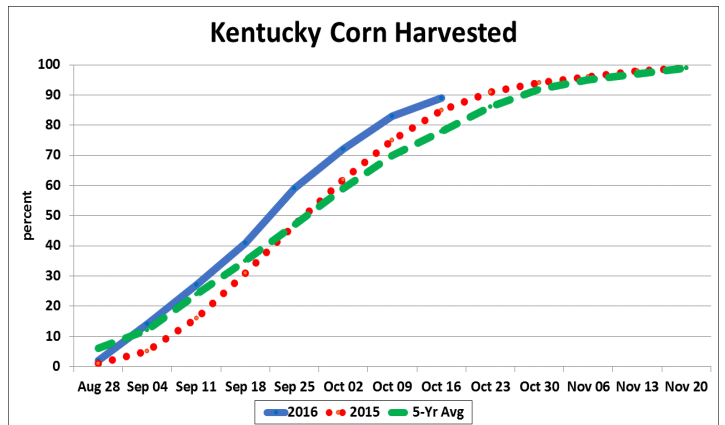
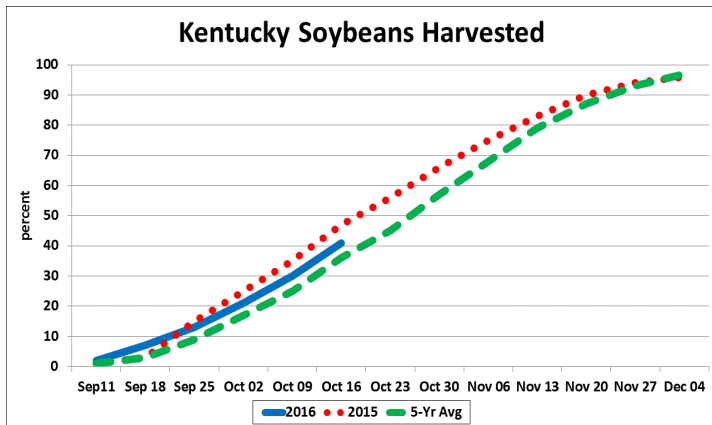
CROP PROGRESS for week ending 10/16/16

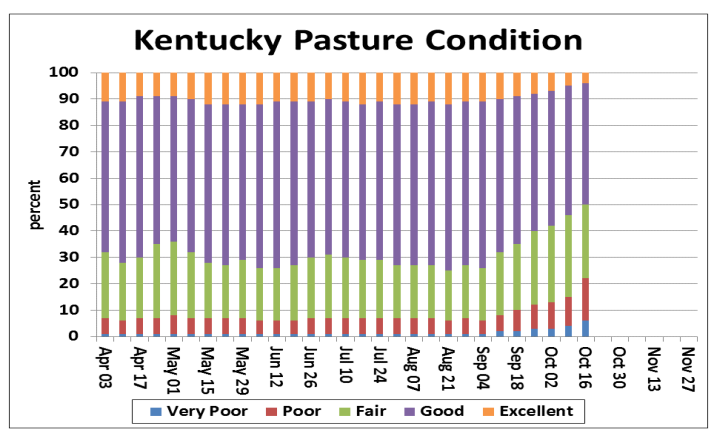
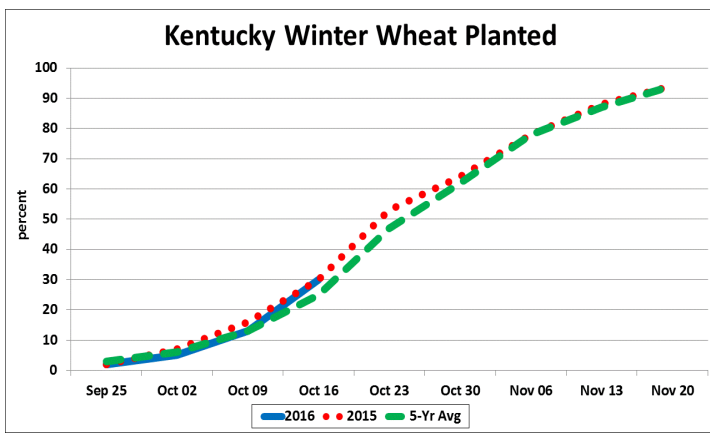
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	99	97	100	98
Corn Harvested	89	83	85	78
Soybeans Coloring	95	90	96	-
Soybeans Dropping Leaves	84	75	87	83
Soybeans Harvested	41	30	47	36
Tobacco Stripped	23	17	20	12
Winter Wheat Seeded	30	13	30	25
Winter Wheat Emerged	9	2	9	3

- Represents not available.

CROP CONDITIONS for week ending 10/16/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	6	16	28	46	4
Soybeans	2	5	19	56	18
Tobacco Housed	2	10	31	51	6





**Kentucky Climate Summary
For the Period October 10, 2016 to October 16, 2016**

Above Normal Temperatures and Well Below Normal Rainfall:

The Commonwealth didn't see much rainfall for a second straight week. High pressure kept the area mostly dry with any passing disturbances not amounting to much in the way of rainfall. Over the past 30 days, data at the UK Ag Weather Center shows the state has only averaged 1.71 inches, which is 1.69 inches below normal for that time span. The US Drought Monitor greatly expanded the area of Kentucky now showing signs of 'Abnormally Dry' conditions, now accounting for nearly 62% of the state. A small section of Southeastern Kentucky was even upgraded to a 'Moderate Drought'. In addition, temperatures continued to run above normal for a second straight week. Weekend highs rose into the upper 70s to lower 80s for much of the area.

Temperatures for the period averaged 62 degrees across the state which was 4 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 73 in the West to 72 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 53 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 84 degrees at BOWLING GREEN APT and the extreme low was 36 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 0.05 inches statewide which was 0.67 inches below normal and 7% of normal. Precipitation totals by climate division, West 0.10 inches, Central 0.04 inches, Bluegrass 0.01 inches and East 0.04 inches, which was 0.64, 0.69, 0.68 and 0.67 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.76 inches at POPLAR BLUFF ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/16/16 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	30.19	0.98	4.72	-1.63	81	47	64	5	97	33
Berea	0.00	27.13	0.48	0.25	-2.57	82	41	62	5	88	38
Bowling Green	0.18	27.59	0.73	0.63	-2.32	84	45	66	7	100	26
Bristol	0.00	17.52	0.67	-5.31	-1.97	81	39	61	4	100	26
Buckhorn Lake	0.00	25.88	0.50	0.26	-2.42	87	41	64	7	90	34
Cape Girardeau	0.34	31.51	0.44	6.27	-2.54	84	42	64	3	100	29
Campbellsville	0.00	29.38	0.45	-0.92	-3.03	81	45	63	4	96	53
Covington	0.04	24.31	1.31	0.49	-1.32	80	46	62	5	97	37
Cumberland Gap	0.00	30.11	0.09	2.58	-2.85	84	37	63	6	100	26
Dix Dam	0.01	25.93	1.07	-0.45	-1.77	82	46	63	6	86	28
Evansville	0.00	30.81	1.92	6.95	-0.75	84	45	64	3	94	32
Glasgow	0.07	38.14	0.49	9.15	-2.62	81	47	64	5	100	26
Grayson	0.00	30.12	0.56	5.49	-2.08	82	39	61	4	96	40
Hardinsburg	0.01	34.77	0.91	8.03	-2.12	84	49	63	4	100	44
Henderson	0.09	30.43	1.32	5.68	-1.50	84	48	64	3	94	32
Huntington	0.06	26.64	1.57	1.88	-1.08	82	40	61	4	100	32
Jackson	0.17	30.21	0.57	3.53	-2.34	82	46	63	6	100	24
Lexington	0.00	27.68	1.16	2.21	-1.45	82	46	64	7	86	28
London	0.08	26.19	0.20	1.42	-2.62	82	41	62	5	93	25
Louisville	0.00	25.14	1.60	0.22	-1.06	84	49	66	7	86	31
Mayfield	0.29	32.08	1.35	4.50	-2.10	84	43	65	4	96	40
Nashville	0.00	18.26	0.23	-6.75	-2.49	84	47	66	7	100	32
Nolin Lake	0.01	32.50	0.53	3.91	-2.79	83	46	66	7	100	26
Paducah	0.10	28.93	0.27	2.16	-2.75	84	43	66	5	93	30
Princeton	0.00	32.23	0.45	5.42	-2.46	84	43	65	4	96	40
Quicksand	0.00	30.26	0.42	3.58	-2.49	83	37	62	5	96	40
Somerset	0.00	30.58	0.56	2.42	-2.73	83	40	62	5	100	29
Spindletop	0.00	32.29	1.28	6.82	-1.33	84	44	64	7	94	28
Williamstown	0.00	25.26	1.14	-0.06	-1.68	82	44	63	6	96	40

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