



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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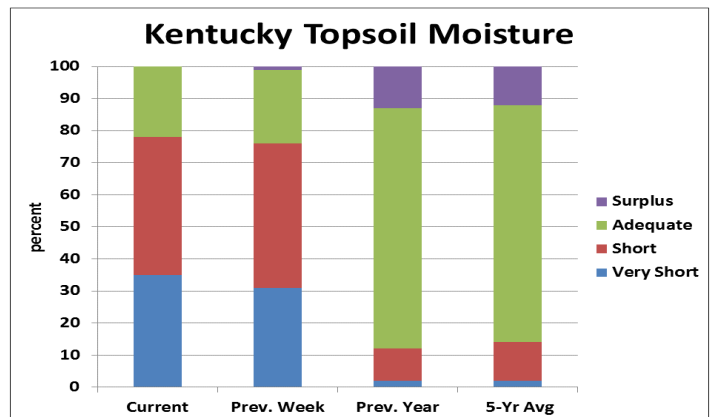
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.26 inches, 0.71 inches below normal. Temperatures averaged 50 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 35 percent very short, 43 percent short, and 22 percent adequate. **Subsoil moisture** was rated 33 percent very short, 43 percent short, and 24 percent adequate. Days suitable for fieldwork averaged 6.5 out of a possible seven.

Soybean harvest and winter wheat planting neared completion this week; tobacco stripping continued. Most of the state is now in a severe drought according to the US Drought Monitor, and burn bans remain in place for the majority of the state as well. Some precipitation fell towards the end of the week, but had little impact on reversing drought deficits. Soil and pasture conditions still remain very dry. Many cattle farmers are concerned about hay supplies through the winter as drought conditions forced early feeding. Fall breeding is ongoing.

SOIL MOISTURE for week ending 11/20/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	35	43	22	-
Subsoil	33	43	24	-

- Represents zero.



CROP PROGRESS for week ending 11/20/16

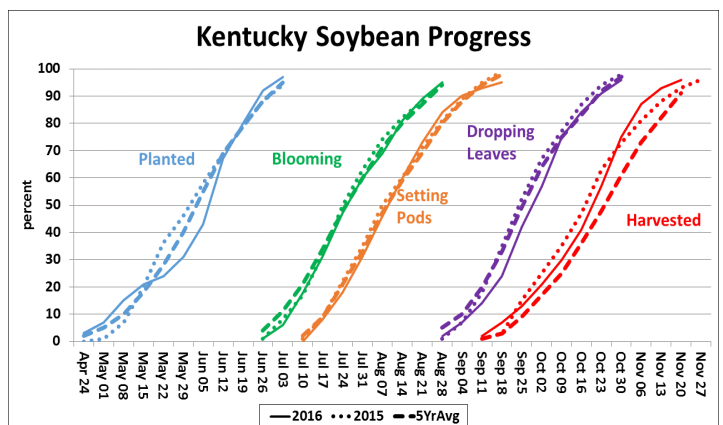
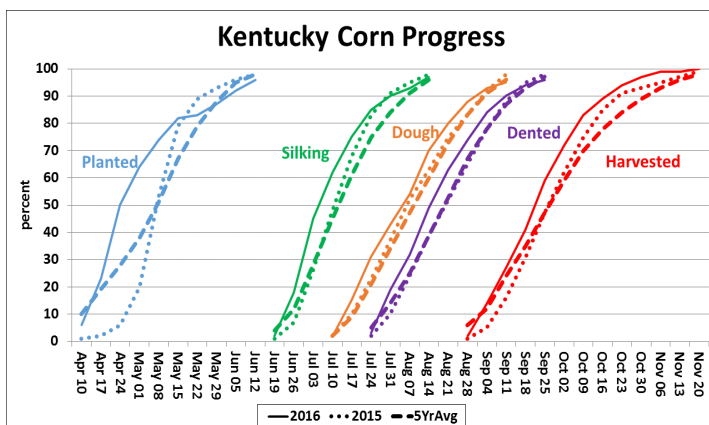
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	100	99	99	98
Soybeans Harvested	96	93	93	91
Tobacco Stripped	60	55	60	47
Winter Wheat Seeded	95	93	92	92
Winter Wheat Emerged	77	68	76	-

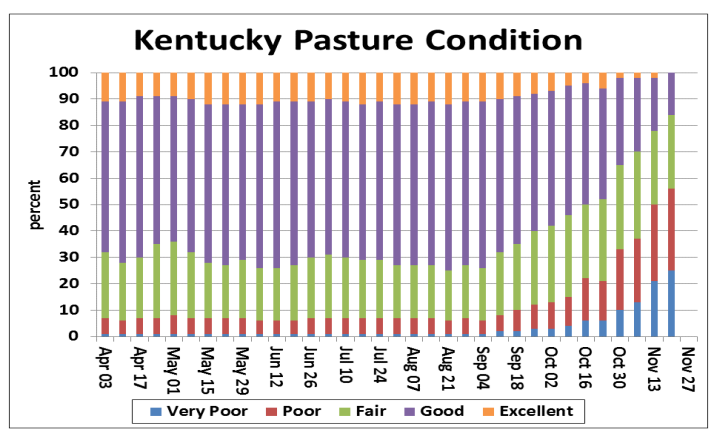
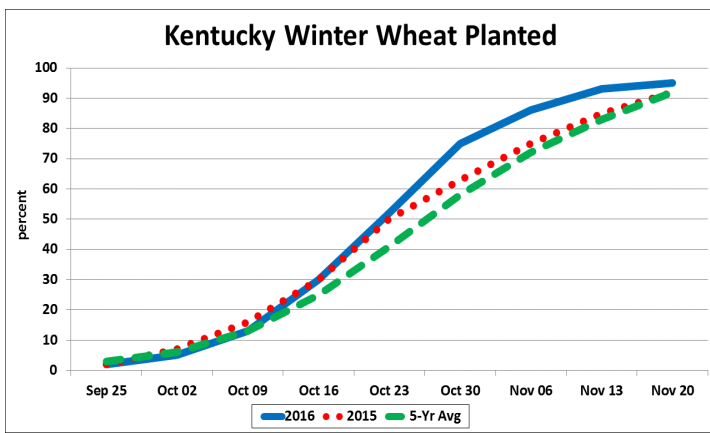
- Represents not available.

CROP CONDITIONS for week ending 11/20/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	25	31	28	16	-
Wheat	6	11	36	43	4

- Represents zero.





**Kentucky Climate Summary
For the Period November 14, 2016 to November 20, 2016**

Above Normal Temperatures and Below Normal Rainfall:

Kentucky saw a major change in the weather pattern this past week as record warmth on Friday was followed by a plunge in the thermometer over the weekend. Through the second half of the work week, winds steadily increased from the south, leading to a warming trend for the area. By Friday, winds were gusting to around 25 to 30 mph, pushing high temperatures into the middle 70s to around 80 for much of Kentucky. This was roughly 20 to 25 degrees above normal for this time of year. The record warmth was followed by a strong cold front pushing through the Commonwealth late Friday and into Friday night. A band of showers formed along and behind the front with statewide accumulations around a couple tenths to half inch, highest readings in Western Kentucky. While it was the highest totals seen in quite a while, it was still not near enough to cut into drought deficits. According to the latest update to the US Drought Monitor, nearly 83% of the state is now under a Severe Drought. Temperatures dropped drastically behind the front over the weekend. Highs by Sunday were only in the upper 30s to middle 40s.

Temperatures for the period averaged 50 degrees across the state which was 3 degrees warmer than normal and no change to the previous period. High temperatures averaged from 65 in the West to 63 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. Low temperatures averaged from 39 degrees in the West to 35 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 81 degrees at GREENVILLE 6N and the extreme low was 19 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.26 inches statewide which was 0.71 inches below normal and 27% of normal. Precipitation totals by climate division, West 0.47 inches, Central 0.19 inches, Bluegrass 0.16 inches and East 0.21 inches, which was 0.65, 0.83, 0.68 and 0.68 inches below normal. By station, precipitation totals ranged from a low of 0.01 inches at POPLAR BLUFF ASOS to a high of 1.17 inches at MURRAY 1W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/20/16 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	0.28	31.97	0.73	3.00	-2.19	77	23	51	5	97	26
Berea	0.21	28.24	0.56	-2.54	-2.72	77	23	46	2	88	38
Bowling Green	0.21	28.20	0.24	-3.17	-3.49	80	28	52	6	97	27
Bristol	0.09	18.15	0.16	-7.89	-2.47	76	27	46	2	100	27
Buckhorn Lake	0.19	27.32	0.20	-2.09	-2.95	78	30	50	6	89	23
Cape Girardeau	0.17	31.92	0.27	2.59	-3.14	79	25	51	3	100	25
Campbellsville	0.14	29.87	0.23	-4.62	-3.26	77	25	48	2	96	53
Covington	0.19	27.54	0.37	0.03	-2.67	76	26	47	3	100	27
Cumberland Gap	0.27	31.32	0.37	-0.68	-3.35	78	24	47	3	100	27
Dix Dam	0.10	26.90	0.49	-3.30	-2.69	78	24	50	6	93	21
Evansville	0.61	31.66	0.70	3.92	-2.53	80	25	50	2	87	31
Glasgow	0.16	38.68	0.22	5.19	-3.60	77	26	50	4	100	26
Grayson	0.24	31.61	0.77	3.42	-2.11	78	24	46	2	97	39
Hardinsburg	0.33	35.82	0.56	4.83	-2.99	80	23	50	4	100	44
Henderson	0.37	30.98	0.51	2.15	-2.93	76	26	52	4	87	31
Huntington	0.12	29.53	0.73	1.09	-2.28	79	28	49	5	94	25
Jackson	0.26	31.93	0.40	1.25	-2.94	79	29	51	7	89	24
Lexington	0.13	28.78	0.41	-0.19	-2.51	78	25	50	6	93	21
London	0.18	27.26	0.25	-1.43	-3.04	78	26	48	4	89	21
Louisville	0.20	26.23	0.44	-2.47	-2.73	81	27	51	5	89	21
Mayfield	1.17	34.20	1.87	1.60	-2.33	77	25	52	4	97	39
Nashville	0.13	18.76	0.14	-10.27	-3.28	81	30	55	9	94	25
Nolin Lake	0.25	33.34	0.35	0.21	-3.47	80	26	54	8	100	26
Paducah	0.23	29.45	0.31	-1.65	-3.34	77	27	54	6	96	25
Princeton	0.96	33.46	1.01	2.08	-2.86	78	25	52	4	97	39
Quicksand	0.26	31.58	0.33	0.90	-3.01	79	23	46	2	97	39
Somersets	0.21	31.30	0.42	-1.23	-3.22	76	25	48	4	100	25
Spindletop	0.15	33.33	0.77	4.36	-2.15	78	25	51	7	97	25
Williamstown	0.17	26.92	0.55	-2.22	-2.59	77	26	48	4	97	39

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