



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

Released: April 25, 2016

Issue: 08-16

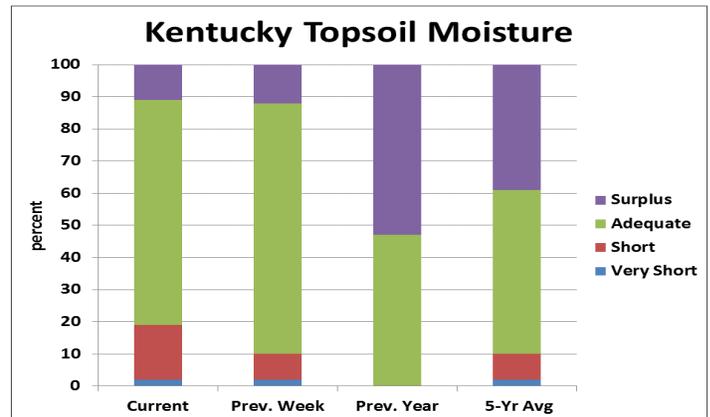
Agricultural News: Kentucky experienced well above normal temperatures and below normal precipitation over the past week. Precipitation for the week totaled 0.58 inches, 0.43 inches below normal. Temperatures averaged 64 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 17 percent short, 70 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 2 percent very short, 15 percent short, 76 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included preparing farm equipment for planting, planting corn and seeding tobacco transplants. Corn planting was in full swing, while soybean planting was just getting underway in many areas. Weather conditions allowed for significant planting progress last week. Canola has bloomed and the crop continues to look good. Wheat is still rated in mostly good condition. The average height of winter wheat was 21 inches, compared to 17 inches last week. Harvest of small grains utilized for hay and silage began in some locations.

Dry weather has put pressure on pasture and hay. Producers are need in more rainfall soon to promote growth. Alfalfa hay average height was 12 inches, compared to 8 inches last week. Forty-six percent of tobacco transplants were under 2 inches, with 34 percent between 2-4 inches, and 20 percent over 4 inches. Apple freeze damage was reported as 1 percent severe, 7 percent moderate, 26 percent light, with 66 percent experiencing none. Peach freeze damage was reported as 2 percent severe, 8 percent moderate, 22 percent light, with 68 percent experiencing none.

SOIL MOISTURE for week ending 04/24/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	17	70	11
Subsoil	2	15	76	7

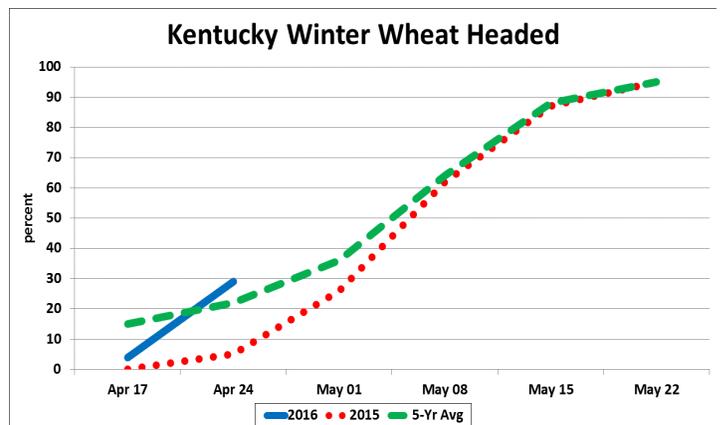
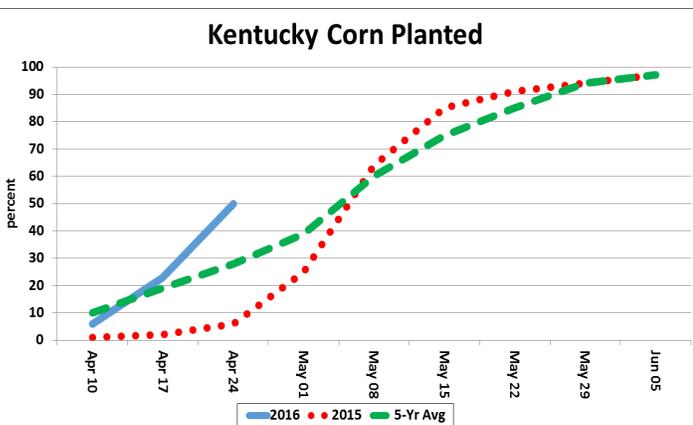


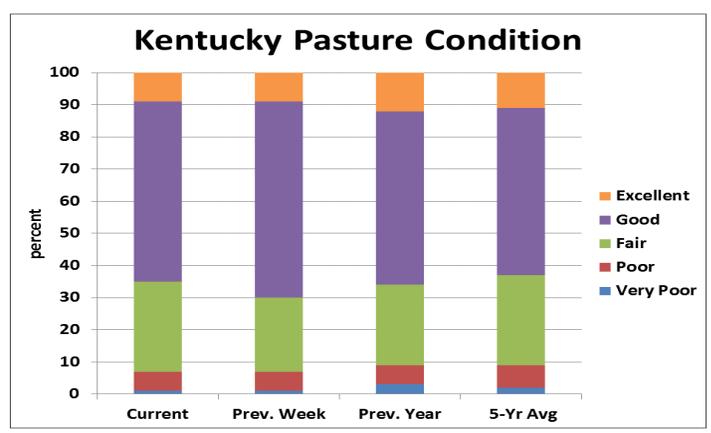
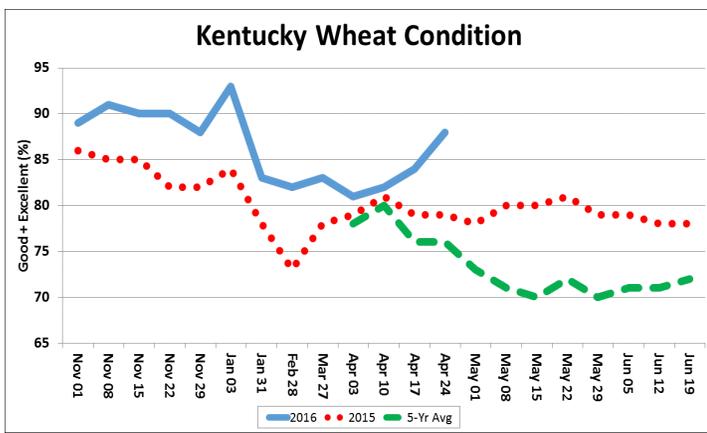
CROP PROGRESS for week ending 04/24/16

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	50	23	6	28
Corn Emerged	8	-	1	12
Soybeans Planted	3	-	-	2
Tobacco Transplants Seeded	91	82	89	91
Winter Wheat Headed	29	4	5	22

CROP CONDITIONS for week ending 04/24/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	6	28	56	9
Tobacco Transplants	1	2	12	72	13
Wheat	1	2	9	60	28





**Kentucky Climate Summary
For the Period April 18, 2016 to April 24, 2016**

Well Above Normal Temperatures and Below Normal Precipitation:

The latest update to the US Drought Monitor was released this past Thursday with nearly 40% of the state now showing signs of ‘Abnormally Dry Conditions’. Most of this area includes East-Central and Southeastern Kentucky, where precipitation has been lacking over the past 30 to 60 days. Looking at this previous week, an upper level disturbance slowly worked across the area over the second half of the work week. While Western Kentucky saw near normal rainfall, totals diminished farther east as Eastern Kentucky only saw an average of 0.42 inches, which was about a half inch below normal. The state has now seen below normal precipitation five of the past six weeks. Accompanying the dry conditions were unseasonably mild temperatures. Other than the unsettled end to the work week, the state was under the influence of high pressure. This feature brought the state mostly clear skies with highs rising into the 70s and 80s.

Temperatures for the period averaged 64 degrees across the state which was 7 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 75 in the West to 78 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 53 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at KOOMER RIDGE and the extreme low was 35 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.58 inches statewide which was 0.43 inches below normal and 57% of normal. Precipitation totals by climate division, West 1.16 inches, Central 0.41 inches, Bluegrass 0.32 inches and East 0.42 inches, which was 0.01, 0.61, 0.61 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.12 inches at FRANKFORT to a high of 2.85 inches at CAPE GIRARDEAU ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/24/16 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Air Temp. Dev. From Normal	
	Last Week	Since Jan 1		Soil		Air			Wkly. Avg.
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)		
Bardstown	0.30	11.09	-2.48	67	56	84	47	66	7
Berea	0.46	10.49	-2.97	--	--	85	38	62	4
Bowling Green	0.24	11.22	-5.29	67	57	84	45	66	7
Bristol	0.56	9.87	-3.14	--	--	85	40	63	5
Buckhorn Lake	0.62	10.12	-4.35	--	--	84	43	66	8
Cape Girardeau	2.85	13.58	-1.21	--	--	79	46	64	3
Campbellsville	0.16	11.74	-4.58	--	--	82	42	63	4
Covington	0.43	13.65	1.13	--	--	83	45	64	6
Cumberland Gap	0.38	14.04	-2.60	--	--	86	40	63	5
Dix Dam	0.27	9.39	-4.71	--	--	83	42	64	6
Evansville	1.16	14.73	1.02	--	--	83	44	64	3
Glasgow	0.27	15.77	-0.98	66	60	82	46	64	5
Grayson	0.13	11.19	-0.87	--	--	83	37	63	5
Hardinsburg	1.16	13.61	-1.81	--	--	85	44	63	4
Henderson	1.36	13.75	-0.54	--	--	83	45	64	3
Huntington	1.41	12.56	0.57	--	--	86	41	66	8
Jackson	0.44	13.52	-0.99	--	--	86	46	67	9
Lexington	0.26	9.53	-4.04	63	59	84	44	65	7
London	0.25	11.44	-3.20	--	--	85	42	64	6
Louisville	0.58	12.86	-1.34	--	--	87	51	68	9
Mayfield	1.72	22.25	4.43	--	--	79	44	63	2
Nashville	0.22	11.53	-4.23	--	--	85	48	67	8
Nolin Lake	0.31	12.11	-3.53	--	--	85	46	68	9
Paducah	0.39	15.78	-0.32	63	59	81	42	65	4
Princeton	1.50	15.43	-1.58	69	57	80	42	62	1
Quicksand	0.64	12.78	-1.73	--	--	86	39	63	5
Somerset	0.26	12.93	-2.64	--	--	84	41	64	6
Spindletop	0.43	13.08	-0.49	63	59	85	42	65	7
Williamstown	0.32	12.48	-0.85	--	--	82	46	64	6

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