



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: April 18, 2016

Issue: 07-16

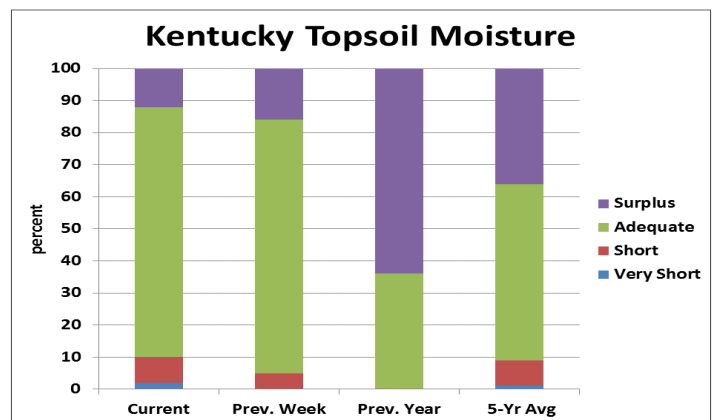
Agricultural News: Kentucky experienced above normal temperatures and below normal precipitation over the past week. Precipitation for the week totaled 0.47 inches, 0.53 inches below normal. Temperatures averaged 58 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 8 percent short, 78 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 2 percent very short, 8 percent short, 82 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included preparing farm equipment for planting, applying fertilizer and burndown applications, planting corn and seeding tobacco transplants. Soils are drying fast due to the warmer temperatures. Portions of eastern Kentucky and southern Bluegrass are dry and in need of rain. Some producers are still feeding livestock hay as dry conditions continue to affect pasture and hay growth. Late freeze has impacted fruit crops, but full extent is unknown at this time.

The average height of winter wheat was 17 inches. Wheat winter freeze damage was reported as 1 percent severe, 4 percent moderate, 12 percent light, with 83 percent experiencing none. Alfalfa hay average height was 8 inches. Alfalfa hay freeze damage was reported as 0 percent severe, 5 percent moderate, 20 percent light, with 75 percent experiencing none. Some weevil damage has been reported in Alfalfa due to early infestations. Fifty-four percent of tobacco transplants were under 2 inches, with 33 percent between 2-4 inches, and 13 percent over 4 inches.

SOIL MOISTURE for week ending 04/17/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	8	78	12
Subsoil	2	8	82	8



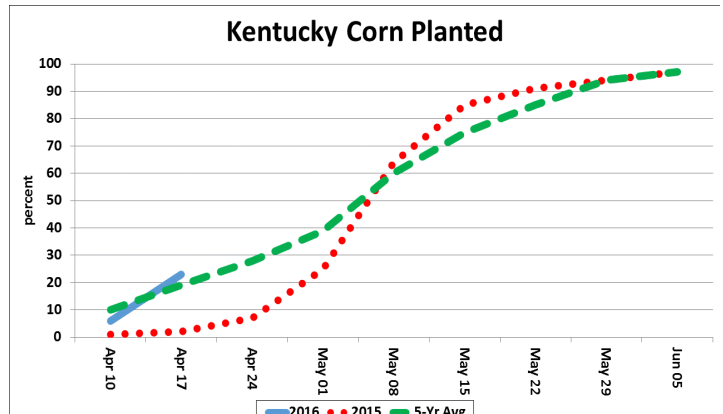
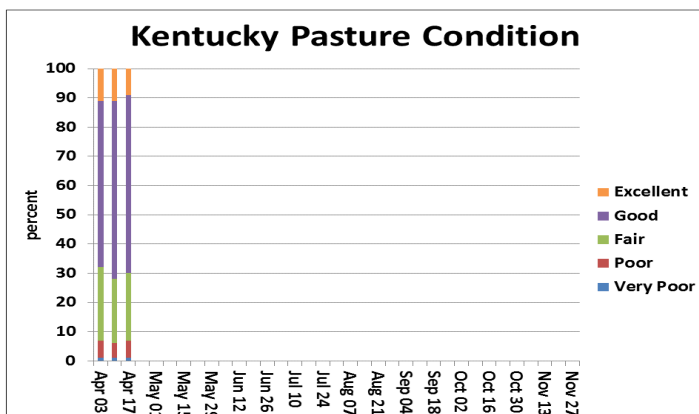
CROP PROGRESS for week ending 04/17/16

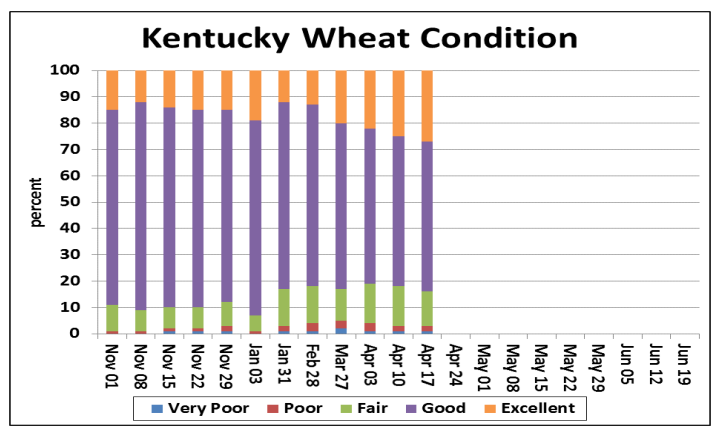
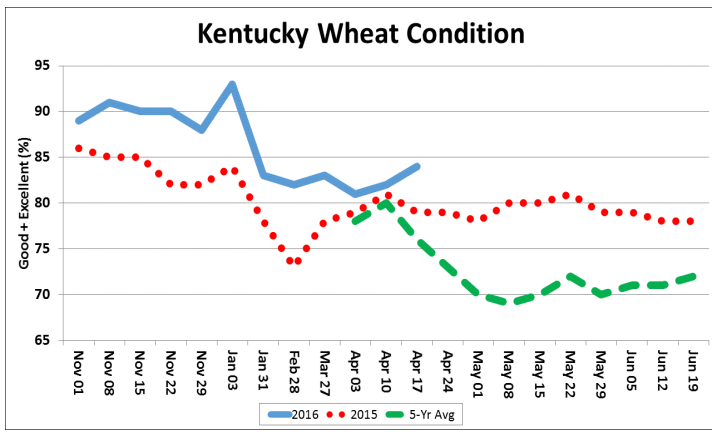
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	23	6	2	19
Tobacco Transplants Seeded	82	73	83	86
Winter Wheat Headed	4	-	-	15

- Represents zero.

CROP CONDITIONS for week ending 04/17/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	6	23	61	9
Tobacco Transplants	1	2	12	72	13
Wheat	1	2	13	57	27





**Kentucky Climate Summary
For the Period April 11, 2016 to April 17, 2016**

Above Normal Temperatures and Below Normal Precipitation:

The Bluegrass State saw yet another period with below normal precipitation over this past week. Other than a solid band of showers and a few thunderstorms on Monday, the remainder of the period was mostly dry. Looking back at the past five weeks, four of the five have seen below normal rainfall for the state of Kentucky. Over the past 30 days, the state is on average, 1.62 inches below normal. The dry conditions are even more magnified in Eastern Kentucky where the area is 2.17 inches below normal for the 30 day period. In relation, the US Drought Monitor introduced abnormally dry conditions to portions of Eastern Kentucky and the Southern Bluegrass. While it was a dry week, conditions were favorable for outdoor activities. By the weekend, high pressure at the surface and aloft resulted in clear skies with highs rising into the upper 70s to middle 80s.

Temperatures for the period averaged 58 degrees across the state which was 2 degrees warmer than normal and 12 degrees warmer than the previous period. High temperatures averaged from 72 in the West to 73 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 47 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 84 degrees at KOOMER RIDGE and the extreme low was 27 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.47 inches statewide which was 0.53 inches below normal and 47% of normal. Precipitation totals by climate division, West 0.53 inches, Central 0.43 inches, Bluegrass 0.73 inches and East 0.20 inches, which was 0.6, 0.59, 0.18 and 0.75 inches below normal. By station, precipitation totals ranged from a low of 0.01 inches at MIDDLESBORO AWOS to a high of 1.41 inches at ALEXANDRIA 5NW.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/17/16 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	0.73	10.79	-1.88	65	51	80	35	58	2
Berea	0.13	10.03	-2.43	--	--	78	29	56	1
Bowling Green	0.50	10.98	-4.52	62	51	81	37	60	4
Bristol	0.37	9.31	-2.93	--	--	80	32	56	1
Buckhorn Lake	0.17	9.50	-4.10	--	--	79	37	60	5
Cape Girardeau	0.25	10.73	-3.03	--	--	80	35	59	0
Campbellsville	0.35	11.58	-3.64	--	--	78	36	57	1
Covington	1.25	13.22	1.58	--	--	81	33	56	1
Cumberland Gap	0.45	13.66	-2.03	--	--	82	29	58	3
Dix Dam	0.42	9.12	-3.99	--	--	78	32	56	1
Evansville	1.12	13.57	0.80	--	--	82	34	58	-1
Glasgow	0.54	15.50	-0.19	59	51	79	35	59	3
Grayson	0.39	11.06	-0.16	--	--	81	35	57	2
Hardinsburg	0.26	12.45	-1.96	--	--	83	33	60	4
Henderson	0.73	12.39	-0.90	--	--	84	37	59	0
Huntington	0.24	11.15	0.00	--	--	82	32	58	3
Jackson	0.16	13.08	-0.47	--	--	82	37	61	6
Lexington	0.67	9.27	-3.40	59	51	80	34	57	2
London	0.19	11.19	-2.53	--	--	81	37	59	4
Louisville	0.82	12.28	-0.94	--	--	84	37	60	4
Mayfield	0.91	20.53	3.89	--	--	79	35	59	0
Nashville	0.03	11.31	-3.43	--	--	82	41	62	6
Nolin Lake	0.58	11.80	-2.79	--	--	80	38	61	5
Paducah	0.45	15.39	0.46	59	51	82	37	60	1
Princeton	0.74	13.93	-1.96	59	51	79	34	59	0
Quicksand	0.11	12.14	-1.41	--	--	82	28	57	2
Somerset	0.15	12.67	-1.88	--	--	80	34	58	3
Spindletop	1.10	12.65	-0.02	57	47	81	35	57	2
Williamstown	1.06	12.16	-0.20	--	--	80	35	56	1

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