



# 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

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**Agricultural News:** Kentucky experienced above normal temperatures and near normal rainfall over the past week. Precipitation for the week totaled 1.02 inches, 0.04 inches above normal. Temperatures averaged 68 degrees for the week, 9 degrees above normal. **Topsoil moisture** was rated 3 percent short, 62 percent adequate and 35 percent surplus. **Subsoil moisture** was rated 7 percent short, 65 percent adequate, and 28 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven.

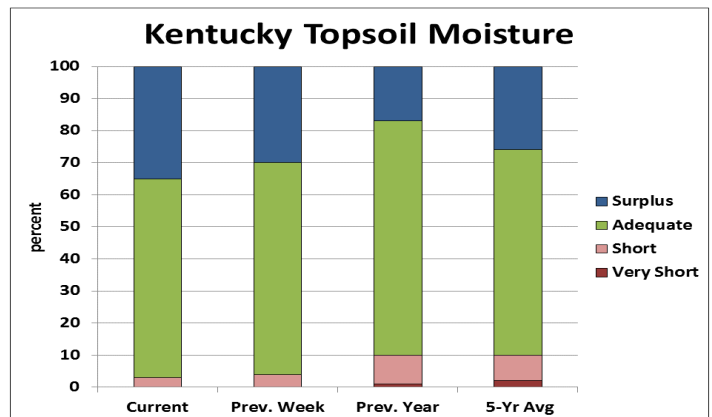
Primary activities this week included planting corn and soybeans. Portions of the state continue to deal with wet conditions halting progress in the fields. Producers sprayed wheat for head scab and stripe rust when weather permitted. The average height of winter wheat was 26 inches, compared to 24 inches last week.

Most hay has not been cut at this point as producers are awaiting a break in the wet weather. Alfalfa hay average height was 13 inches, compared to 10 inches last week. Hay and roughage supplies were reported as 2 percent very short, 12 percent short, 74 percent adequate, and 12 percent surplus. Tobacco transplant supplies were reported as 3 percent short, 89 percent adequate, and 8 percent surplus. Twenty-six percent of tobacco transplants were under 2 inches, with 46 percent between 2-4 inches, and 28 percent over 4 inches.

**SOIL MOISTURE for week ending 04/30/17**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	62	35
Subsoil	-	7	65	28

- Represents zero.



**CROP PROGRESS for week ending 04/30/17**

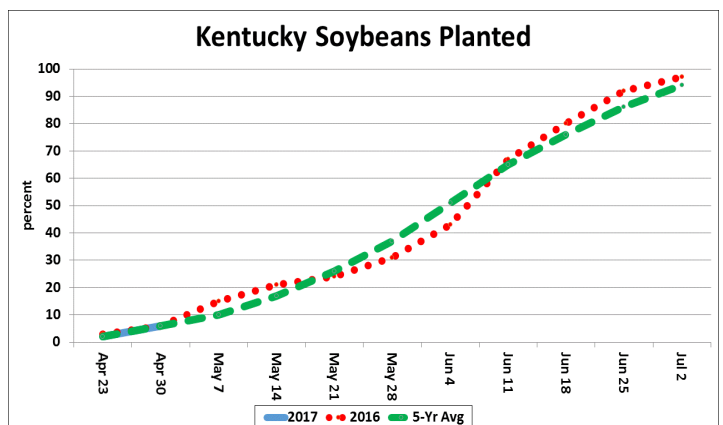
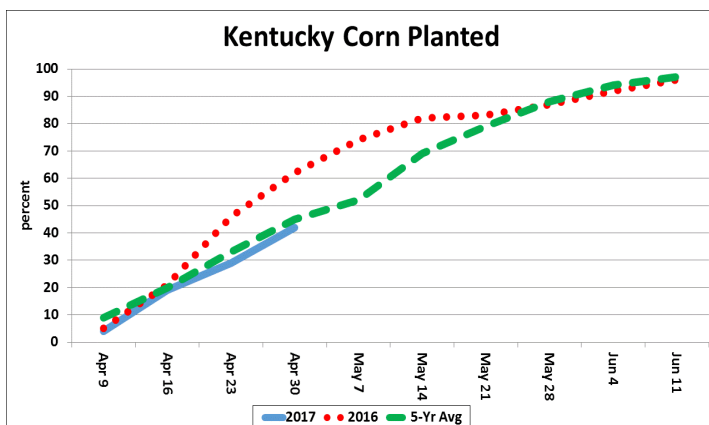
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	42	29	62	45
Corn Emerged	24	10	26	21
Soybeans Planted	6	2	6	6
Tobacco Set	1	-	1	1
Winter Wheat Headed	76	45	50	34

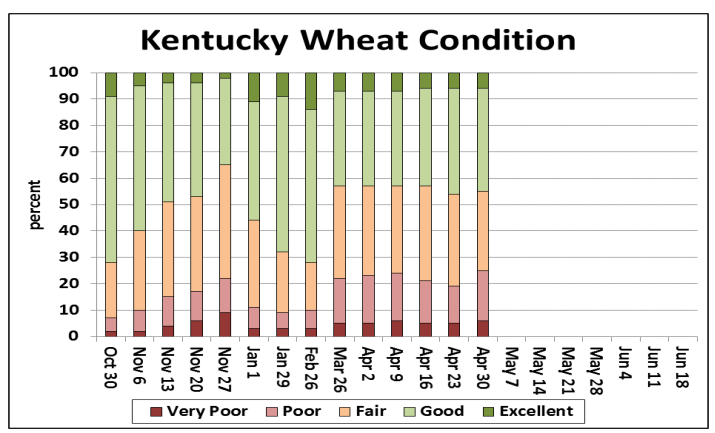
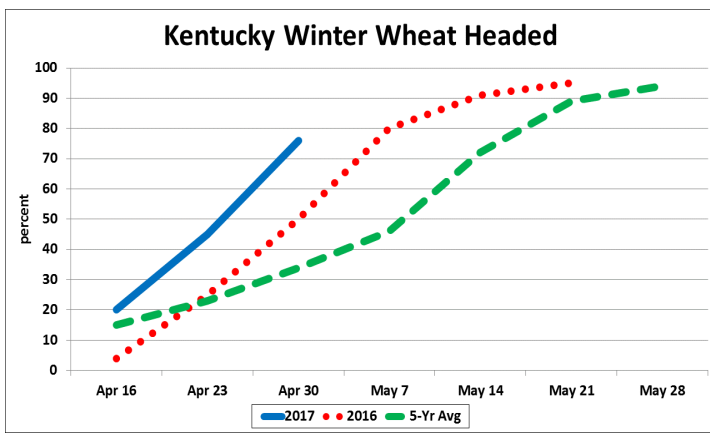
- Represents not available.

**CROP CONDITIONS for week ending 04/30/17**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	1	3	24	58	14
Livestock	1	2	16	65	16
Pasture	1	3	24	61	11
Strawberries	1	2	22	66	9
Tobacco Transplants	-	1	14	74	11
Wheat	6	19	30	39	6

- Represents zero.





**Kentucky Climate Summary  
For the Period April 24, 2017 to April 30, 2017**

Above Normal Temperatures and Near Normal Rainfall:

Depending on location, it was either a very wet or a dry week in Kentucky. Portions of the Commonwealth along the Ohio River, running from Western Kentucky and up into the Northern Bluegrass, saw the highest accumulations for the period. Western Kentucky averaged over 2 inches for a second straight week. In fact, the western-most couple tiers of counties accumulated 3 to 4+ inches. These totals diminished rapidly farther east as Eastern Kentucky averaged just 0.26 inches for the week. Most of the showers and storms passed through Kentucky Wednesday night/Thursday morning and another few rounds over the weekend. As the state sat within a very moist air mass, storms were capable of producing very heavy rainfall. Combined with repeated rounds of thunderstorms, this led to numerous reports of flash flooding for the areas mentioned above.

Temperatures for the period averaged 68 degrees across the state which was 9 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 76 in the West to 79 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 57 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at BURKESVILLE 3W and the extreme low was 42 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.02 inches statewide which was 0.04 inches below normal and 96% of normal. Precipitation totals by climate division, West 2.09 inches, Central 0.54 inches, Bluegrass 1.20 inches and East 0.26 inches, which was 0.89, -0.54, 0.23 and -0.72 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at RICHMOND 8E to a high of 5.96 inches at EVANSVILLE ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/30/17 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)		
Bardstown	0.45	13.04	-1.31	69	57	85	46	68	7
Berea	0.00	12.16	-2.15	--	--	84	44	67	8
Bowling Green	0.50	14.98	-2.39	77	58	89	49	69	8
Bristol	0.33	8.41	-5.26	--	--	84	48	66	7
Buckhorn Lake	0.08	14.35	-0.87	--	--	87	49	69	10
Cape Girardeau	6.34	19.03	3.35	--	--	83	47	65	2
Campbellsville	0.45	16.95	-0.32	--	--	88	46	68	7
Covington	2.63	17.01	3.74	--	--	81	45	66	7
Cumberland Gap	0.13	18.66	1.20	--	--	88	47	68	9
Dix Dam	0.19	11.78	-3.16	--	--	84	46	67	8
Evansville	6.58	16.43	1.92	--	--	84	48	66	3
Glasgow	0.60	13.17	-4.49	78	57	87	48	68	7
Grayson	0.09	14.97	2.18	--	--	85	43	67	8
Hardinsburg	0.45	13.73	-2.55	--	--	86	46	67	6
Henderson	2.03	12.60	-2.54	--	--	85	49	66	3
Huntington	0.13	10.81	-1.90	--	--	89	48	67	8
Jackson	0.07	16.53	1.20	--	--	88	48	69	10
Lexington	0.10	13.14	-1.21	72	57	86	45	68	9
London	0.22	16.02	0.60	--	--	88	49	68	9
Louisville	1.57	14.18	-0.87	--	--	86	51	70	9
Mayfield	1.55	17.10	-1.73	--	--	86	45	66	3
Nashville	0.21	10.31	-6.32	--	--	84	52	68	7
Nolin Lake	0.31	15.89	-0.66	--	--	90	48	71	10
Paducah	4.85	17.35	0.25	--	--	86	47	68	5
Princeton	1.29	13.33	-4.64	79	58	86	47	68	5
Quicksand	0.06	15.24	-0.09	--	--	89	49	67	8
Somerset	0.19	14.42	-2.02	--	--	87	46	67	8
Spindletop	0.62	18.78	4.43	72	57	85	46	67	8
Williamstown	2.71	15.89	1.73	--	--	82	43	66	7

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