



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: May 8, 2017

Issue: 10-17

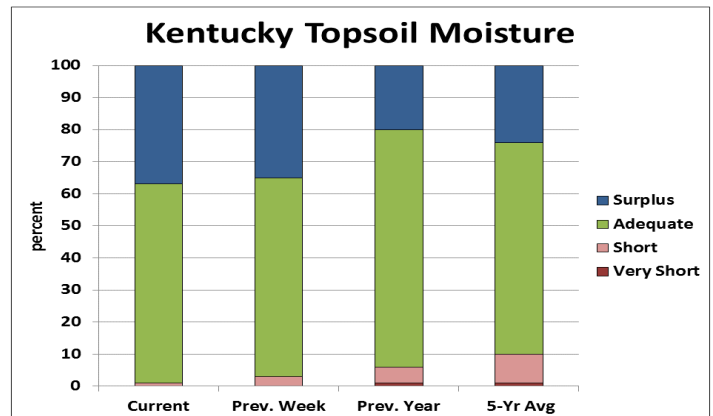
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.70 inches, 0.61 inches above normal. Temperatures averaged 56 degrees for the week, 5 degrees below normal. **Topsoil moisture** was rated 1 percent short, 62 percent adequate and 37 percent surplus. **Subsoil moisture** was rated 2 percent short, 72 percent adequate, and 26 percent surplus. Days suitable for fieldwork averaged 2.7 out of a possible seven.

Primary activities this week included the continuation of corn and soybean planting along with tobacco setting when the weather permitted. Excess precipitation and cool temperatures over the past week delayed planting progress for many producers across the state. While some farmers are optimistic about wheat production, others are expecting short yields due to a freeze in mid-March. That same March freeze may affect first cut Alfalfa yields as well. Tobacco transplant supplies were reported as 2 percent short, 92 percent adequate, and 6 percent surplus. Nineteen percent of tobacco transplants were under 2 inches, with 39 percent between 2-4 inches, and 42 percent over 4 inches.

SOIL MOISTURE for week ending 05/07/17

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	62	37
Subsoil	-	2	72	26

- Represents zero.

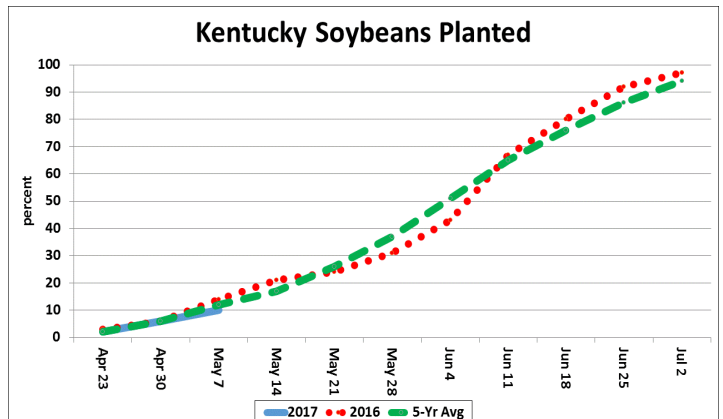
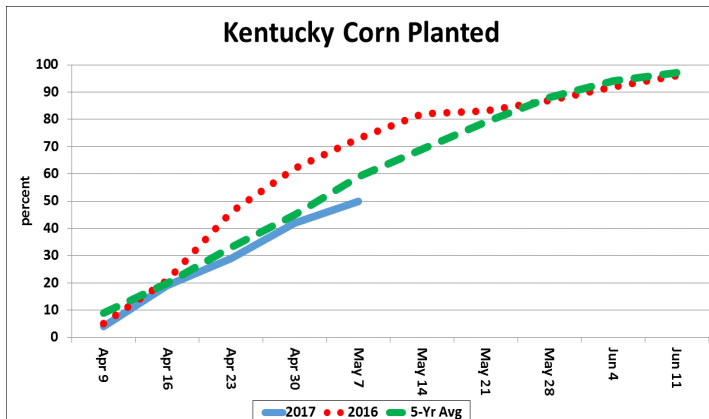


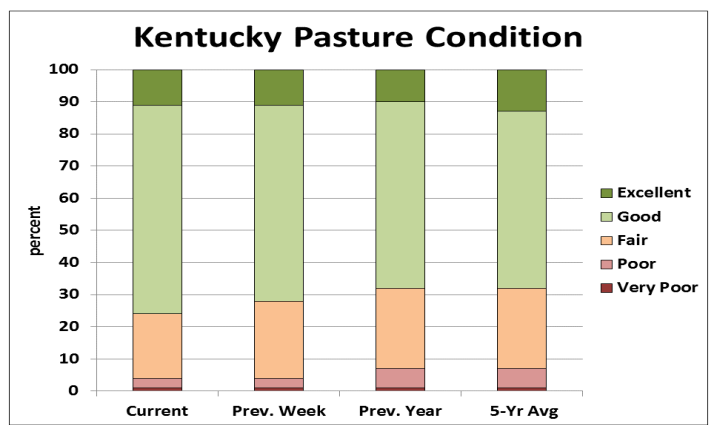
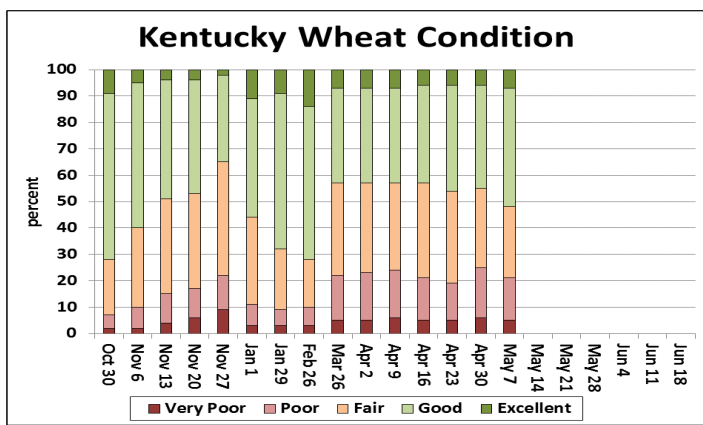
CROP PROGRESS for week ending 05/07/17

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	50	42	73	59
Corn Emerged	33	24	46	35
Soybeans Planted	10	6	14	12
Tobacco Set	5	1	4	5
Winter Wheat Headed	88	76	76	55

CROP CONDITIONS for week ending 05/07/17

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	3	20	65	11
Wheat	5	16	27	45	7





**Kentucky Climate Summary
For the Period May 1, 2017 to May 7, 2017**

Below Normal Temperatures and Above Normal Rainfall:

The wet pattern continued across the Bluegrass State, but this time, high accumulations were seen statewide. After a very active week, the state averaged 1.70 inches, which was over a half inch above normal. Most fell over the second half of the workweek as low pressure slowly worked across the area, leading to multiple rounds of widespread showers. Following a fast moving disturbance on Saturday and some lingering light showers, conditions finally dried off for the latter half of the weekend. The unsettled pattern kept temperatures running below normal for much of the period. Highs only rose into the middle 50s to low 60s on Friday, which was well below normal for this time of year. Skies cleared Saturday night and led to lows dropping into the 30s for much of Central/Eastern Kentucky and the Bluegrass. This period marked only the third time this year that the Bluegrass State had temperatures average below normal.

Temperatures for the period averaged 56 degrees across the state which was 5 degrees cooler than normal and 12 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 66 in the East. Departure from normal high temperatures ranged from 8 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 47 degrees in the West to 48 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 81 degrees at LOUISA 1S and the extreme low was 33 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.70 inches statewide which was 0.61 inches above normal and 156% of normal. Precipitation totals by climate division, West 1.64 inches, Central 1.83 inches, Bluegrass 1.66 inches and East 1.66 inches, which was 0.44, 0.7, 0.65 and 0.64 inches above normal. By station, precipitation totals ranged from a low of 0.60 inches at HINDMAN 5N to a high of 3.55 inches at WHITLEY CITY 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/07/17 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)	(Degrees Fahrenheit)	
Bardstown	1.89	14.93	-0.43	64	54	71	36	55	-8
Berea	1.72	13.88	-1.52	--	--	73	37	56	-6
Bowling Green	1.20	16.18	-2.31	70	54	77	38	58	-5
Bristol	1.00	9.41	-5.14	--	--	78	40	59	-3
Buckhorn Lake	0.60	14.95	-1.20	--	--	77	38	58	-4
Cape Girardeau	2.37	21.40	4.55	--	--	76	43	56	-9
Campbellsville	1.48	18.43	-0.01	--	--	73	36	56	-7
Covington	2.03	19.04	4.80	--	--	70	35	53	-9
Cumberland Gap	1.84	20.50	1.95	--	--	75	34	58	-4
Dix Dam	0.96	12.74	-3.27	--	--	71	39	55	-7
Evansville	2.75	19.18	3.60	--	--	73	40	56	-9
Glasgow	1.09	14.26	-4.54	71	51	73	38	57	-6
Grayson	1.12	16.09	2.34	--	--	75	35	56	-6
Hardinsburg	1.55	15.28	-2.10	--	--	74	37	56	-7
Henderson	2.27	14.87	-1.30	--	--	73	42	57	-8
Huntington	0.74	11.55	-2.12	--	--	78	40	58	-4
Jackson	1.09	17.62	1.28	--	--	75	38	58	-4
Lexington	1.70	14.84	-0.52	68	54	72	37	56	-6
London	2.34	18.36	1.98	--	--	75	35	57	-5
Louisville	2.27	16.45	0.36	--	--	74	41	57	-6
Mayfield	1.20	18.30	-1.66	--	--	74	41	58	-7
Nashville	0.94	11.25	-6.48	--	--	73	42	58	-5
Nolin Lake	1.55	17.44	-0.35	--	--	83	38	59	-4
Paducah	2.49	19.84	1.62	--	--	76	43	58	-7
Princeton	2.06	15.39	-3.70	71	50	73	40	57	-8
Quicksand	1.12	16.36	0.02	--	--	77	36	58	-4
Somerset	2.37	16.79	-0.79	--	--	73	33	56	-6
Spindletop	2.87	21.65	6.29	68	54	71	37	55	-7
Williamstown	1.20	17.09	1.93	--	--	68	38	54	-8

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