



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 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 29, 2018

Issue: 13-18

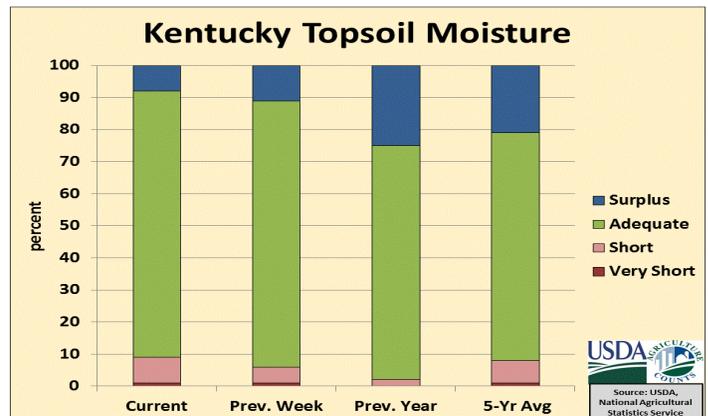
Agricultural News: Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.88 inches, 0.23 inches below normal. Temperatures averaged 74 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 8 percent short, 83 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 88 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible seven.

Primary activities for this week included planting corn, soybeans, and tobacco along with cutting hay and spraying. Although there was some rain this week, farmers were still able to make steady progress on field work. Corn planting was on par with last year while soybeans and tobacco are slightly ahead of 2017 for this juncture in the season. The average height of corn was 9 inches, matching last year. Winter wheat is 91 percent headed

Pasture and livestock are in mostly good condition at this time. Hay and roughage supplies were reported as 4 percent very short, 20 percent short, 72 percent adequate, and 4 percent surplus. The majority of hay was reported in good condition although a few producers expressed yield concerns due to a very wet season and late first cuttings.

SOIL MOISTURE for week ending 05/27/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	8	83	8
Subsoil	1	5	88	6



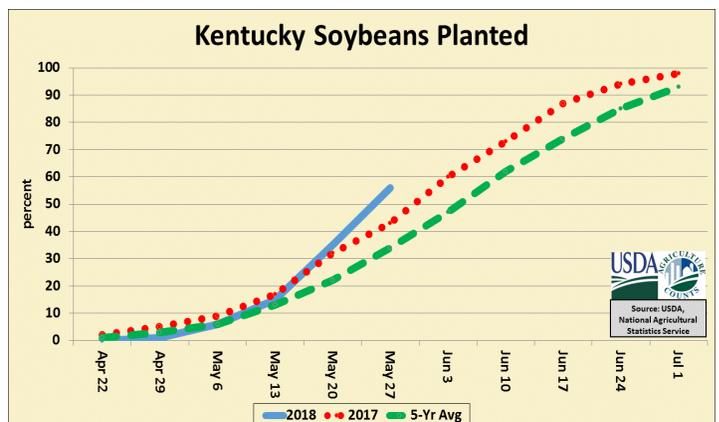
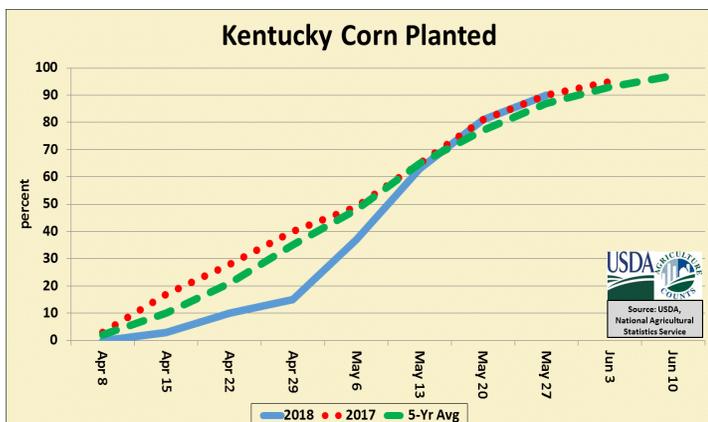
CROP PROGRESS for week ending 05/27/18

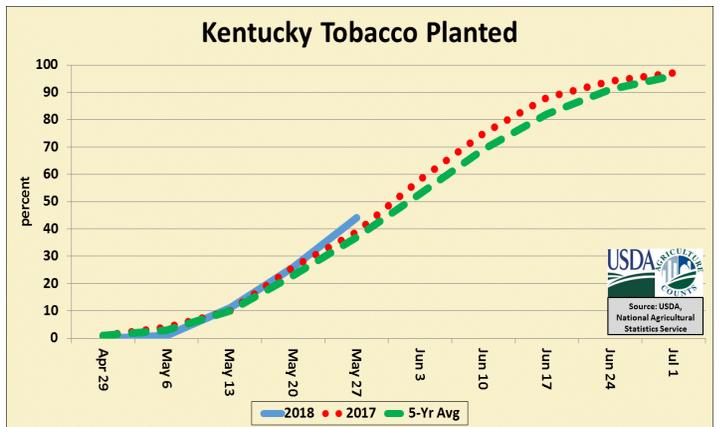
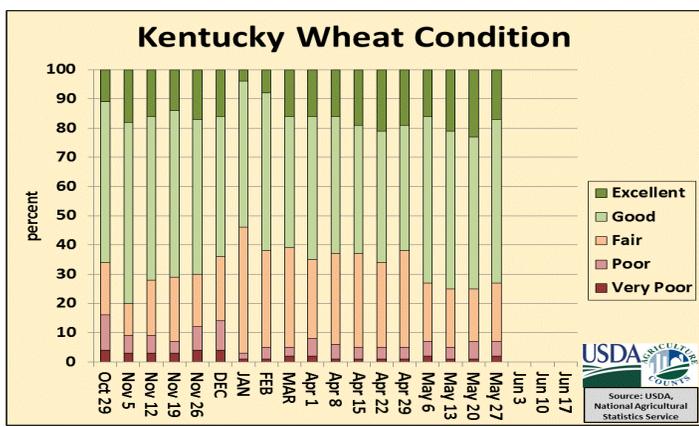
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	90	81	90	87
Corn Emerged	68	52	72	69
Soybeans Planted	56	35	43	34
Soybeans Emerged	33	13	24	17
Tobacco Set	44	26	39	37
Winter Wheat Headed	91	87	-1	-1

CROP CONDITIONS for week ending 05/27/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	2	12	69	16
Hay	2	9	27	51	11
Livestock	1	3	16	69	11
Pasture	1	5	22	59	13
Wheat	2	5	20	56	17

-1 Shown when data not available.





**Kentucky Climate Summary
For the Period May 21, 2018 to May 27, 2018**

Well Above Normal Temperatures and Below Normal Rainfall:

Kentucky remained situated within a hot and humid air mass this past week. High temperatures continued to run solidly in the 80s, topping out Friday and into the weekend with the majority of the state in the middle 80s to around 90. Normal high temperatures for late May run in the upper 70s to low 80s. The state has now gone four straight weeks with above normal temperatures in place. Just like the previous period, the Bluegrass State saw scattered showers and storms develop during the afternoon and evening hours throughout much of the week. With a very moist air mass in place, heavy down pours continued to be an issue, in addition to frequent lightning and gusty winds at times. Overall, the state averaged 0.88 inches, but that number may be a bit misleading as the scattered nature led to a wide range of accumulations. While some received less than a quarter inch for the week, others saw in excess of two.

Temperatures for the period averaged 74 degrees across the state which was 7 degrees warmer than normal and no change to the previous period. High temperatures averaged from 86 in the West to 83 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 66 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at EVANSVILLE ASOS and the extreme low was 53 degrees at BLACK MOUNTAIN ARC.

Precipitation (liq. equ.) for the period totaled 0.88 inches statewide which was 0.23 inches below normal and 79% of normal. Precipitation totals by climate division, West 0.54 inches, Central 0.85 inches, Bluegrass 1.02 inches and East 1.11 inches, which was 0.56, 0.31, 0.05 and 0.01 inches below normal. By station, precipitation totals ranged from a low of 0.03 inches at GREENVILLE 6N to a high of 3.23 inches at MOREHEAD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/27/18 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	0.21	26.21	7.97	79	70	88	60	75	6
Berea	0.25	26.21	7.71	--	--	85	56	73	5
Bowling Green	1.02	23.21	1.54	81	72	90	64	76	7
Bristol	2.47	23.38	6.31	--	--	86	60	74	6
Buckhorn Lake	0.66	21.00	2.20	--	--	85	58	73	5
Cape Girardeau	0.81	26.76	6.56	--	--	92	63	77	6
Campbellsville	0.51	24.78	2.99	--	--	87	58	73	4
Covington	1.31	23.26	6.26	--	--	91	57	74	6
Cumberland Gap	1.06	25.56	3.91	--	--	86	59	73	5
Dix Dam	0.12	25.87	6.80	--	--	86	58	74	6
Evansville	0.12	21.22	2.57	--	--	94	61	77	6
Glasgow	1.36	22.31	0.24	73	68	87	62	74	5
Grayson	3.23	28.42	11.92	--	--	85	54	73	5
Hardinsburg	0.52	25.40	4.88	--	--	89	59	75	6
Henderson	0.23	22.53	3.43	--	--	93	63	77	6
Huntington	0.16	20.80	4.38	--	--	88	55	74	6
Jackson	1.03	26.97	7.74	--	--	87	58	74	6
Lexington	0.95	28.40	10.16	74	70	89	59	75	7
London	0.82	23.20	4.07	--	--	88	61	74	6
Louisville	0.59	26.32	7.25	--	--	89	64	78	9
Mayfield	0.69	28.46	5.27	--	--	87	63	76	5
Nashville	0.61	27.80	6.92	--	--	91	66	77	8
Nolin Lake	1.53	26.20	4.88	--	--	91	60	75	6
Paducah	0.12	26.80	5.40	80	72	93	65	78	7
Princeton	0.50	24.70	2.41	78	71	89	62	76	5
Quicksand	0.34	24.02	4.79	--	--	87	57	73	5
Somerset	0.80	26.48	5.62	--	--	85	58	73	5
Spindletop	1.39	29.38	11.14	74	70	90	59	76	8
Williamstown	2.14	25.67	7.67	--	--	87	57	72	4

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