



# 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

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**Agricultural News:** Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.23 inches, 0.09 inches above normal. Temperatures averaged 74 degrees for the week, 9 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 5 percent short, 83 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 3 percent short, 88 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible seven.

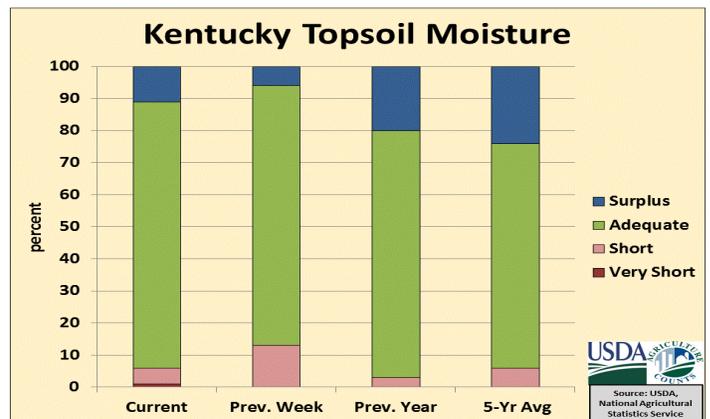
Primary activities this week included planting corn and soybeans, setting tobacco, and spraying fields. Periodic afternoon rainfall postponed fieldwork at times. Tobacco transplant supplies were reported as 2 percent short, 91 percent adequate, and 7 percent surplus.

Hay cutting continued this week for areas that experienced good drying conditions, although producers are noting lower yields. Scattered thunderstorms delayed some farmers from fieldwork, mostly in far eastern and western counties where precipitation totals were higher. There are concerns of forages becoming over mature and leading to lower quality, due to rainfall delays in cutting. Spring breeding of cattle is underway.

**SOIL MOISTURE for week ending 05/20/18**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	5	83	11
Subsoil	-	3	88	9

- Represents zero.



**CROP PROGRESS for week ending 05/20/18**

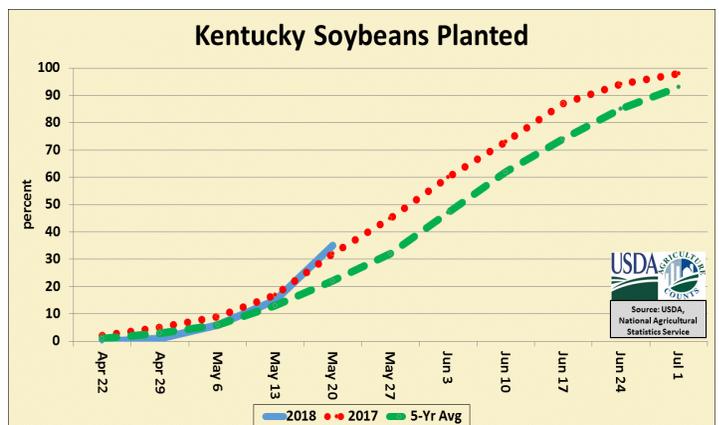
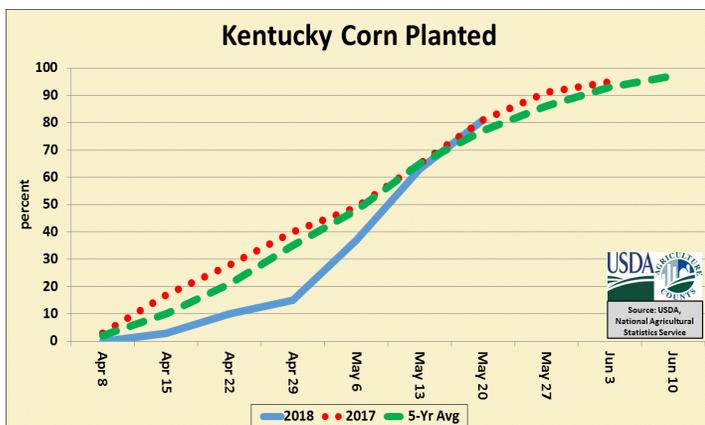
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	81	63	81	77
Corn Emerged	52	30	58	56
Soybeans Planted	35	15	32	22
Soybeans Emerged	13	2	12	8
Tobacco Set	26	11	26	23
Winter Wheat Headed	87	75	-	-

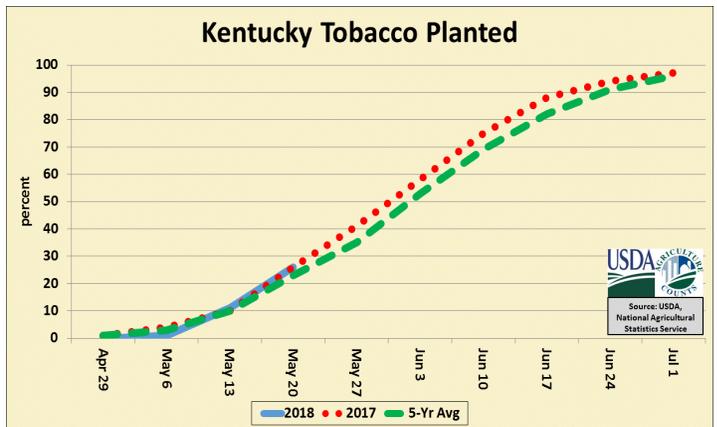
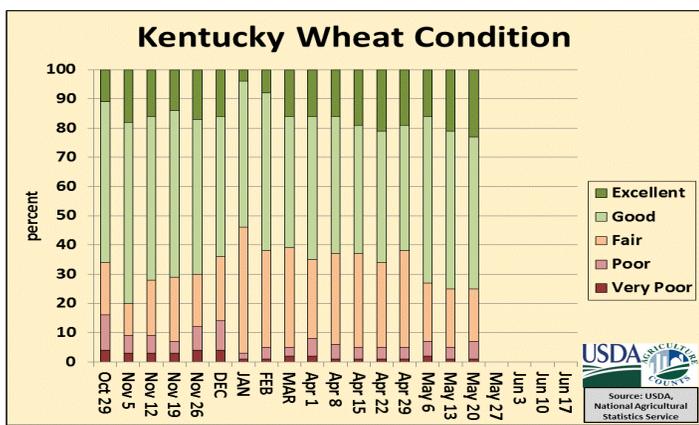
- Represents not available.

**CROP CONDITIONS for week ending 05/20/18**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	1	14	68	17
Pasture	1	10	26	52	11
Strawberries	2	3	26	60	9
Wheat	1	6	18	52	23

- Represents zero.





**Kentucky Climate Summary  
For the Period May 14, 2018 to May 20, 2018**

Well Above Normal Temperatures and Above Normal Rainfall:

A summerlike pattern continued for a second straight week, but unlike the previous period, Kentucky saw daily rounds of showers and storms. Each day was a near replay of the previous as scattered showers and storms fired each afternoon and evening, before diminishing overnight. While coverage was not widespread, much of Kentucky still managed to pick up more than inch for the week. This was mostly due to the very moist and unstable atmosphere in place, which led to torrential rainfall at times and in turn, localized flooding. Temperatures remained very warm for this time of year, peaking early in the week. Kentucky saw record heat on Monday as highs pushed into the upper 80s to low 90s statewide.

Temperatures for the period averaged 74 degrees across the state which was 9 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 85 in the West to 83 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 63 degrees in the East. Departure from normal low temperatures ranged from 10 degrees warmer than normal in the West to 13 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at HENDERSON 5E and the extreme low was 58 degrees at BARBOURVILLE 3E.

Precipitation (liq. equ.) for the period totaled 1.23 inches statewide which was 0.09 inches above normal and 108% of normal. Precipitation totals by climate division, West 1.35 inches, Central 0.71 inches, Bluegrass 1.57 inches and East 1.29 inches, which was 0.19, -0.48, 0.49 and 0.18 inches respectively from normal. By station, precipitation totals ranged from a low of 0.24 inches at HARDINSBURG 5SW to a high of 3.19 inches at MOREHEAD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/20/18 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	0.54	26.00	8.77	76	68	90	59	74	7
Berea	2.59	25.96	8.55	--	--	87	60	72	6
Bowling Green	0.45	22.19	1.63	79	69	92	63	77	10
Bristol	2.52	20.91	4.72	--	--	88	57	72	6
Buckhorn Lake	1.57	20.34	2.47	--	--	88	60	73	7
Cape Girardeau	1.41	25.95	6.92	--	--	90	63	75	6
Campbellsville	0.53	24.27	3.65	--	--	88	60	73	6
Covington	0.89	21.95	5.92	--	--	90	64	74	8
Cumberland Gap	2.74	24.50	3.94	--	--	88	58	73	7
Dix Dam	2.76	25.75	7.75	--	--	88	64	74	8
Evansville	1.06	21.10	3.53	--	--	92	64	75	6
Glasgow	0.40	20.95	0.03	72	66	89	62	75	8
Grayson	3.19	25.19	9.65	--	--	88	61	73	7
Hardinsburg	1.06	24.88	5.46	--	--	90	62	74	7
Henderson	2.36	22.30	4.22	--	--	92	65	76	7
Huntington	1.10	20.64	5.18	--	--	91	64	75	9
Jackson	1.65	25.94	7.72	--	--	89	62	74	8
Lexington	2.94	27.45	10.22	72	68	90	65	75	9
London	0.72	22.38	4.21	--	--	88	61	74	8
Louisville	0.30	25.73	7.70	--	--	92	67	78	11
Mayfield	0.32	27.77	5.71	--	--	89	62	74	5
Nashville	2.88	27.19	7.41	--	--	93	64	76	9
Nolin Lake	1.75	24.67	4.58	--	--	92	63	76	9
Paducah	1.84	26.68	6.39	79	69	92	65	76	7
Princeton	0.95	24.20	3.03	77	66	88	63	75	6
Quicksand	1.50	23.68	5.46	--	--	89	58	73	7
Somerseset	0.37	25.68	5.97	--	--	87	60	72	6
Spindletop	3.03	27.99	10.76	72	68	90	64	75	9
Williamstown	2.34	23.53	6.52	--	--	87	62	73	7

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