



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 28, 2019

Issue: 11-19

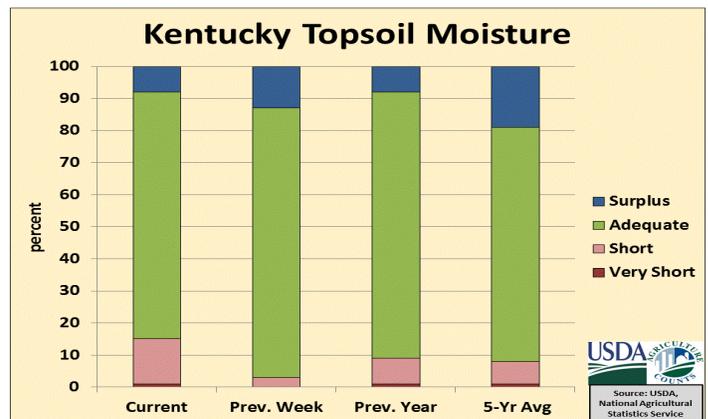
Agricultural News: Kentucky experienced well above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.61 inches, 0.50 inches below normal. Temperatures averaged 74 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 14 percent short, 77 percent adequate and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 82 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included planting corn and soybeans, setting tobacco, and cutting hay. Some producers reported quality concerns in the first cutting of hay, noting that recent humidity led to hay not drying well. Hay and roughage supplies were reported as 12 percent very short, 26 percent short, 58 percent adequate, and 4 percent surplus.

Limited rainfall allowed for more fieldwork to take place, but along with higher temperatures this contributed to fields drying out. The average height of emerged corn was 9 inches, consistent with the previous year.

SOIL MOISTURE for week ending 05/26/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	14	77	8
Subsoil	1	10	82	7

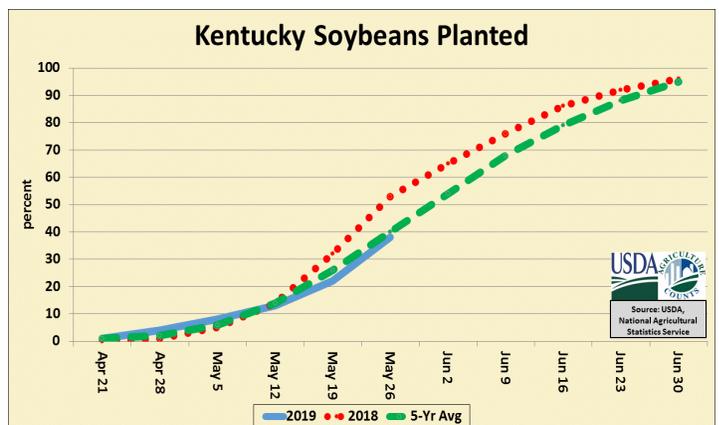
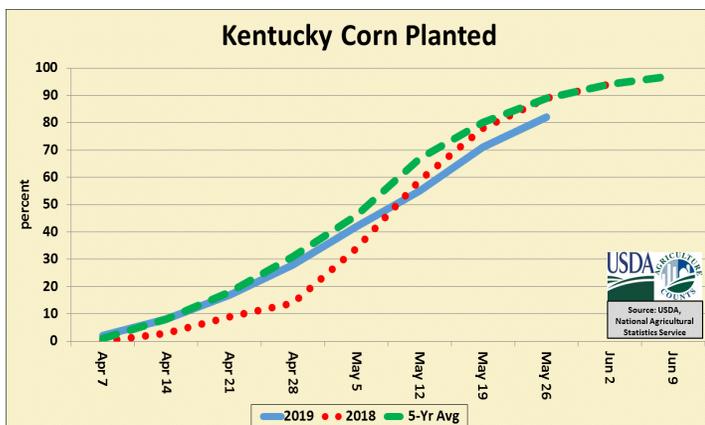


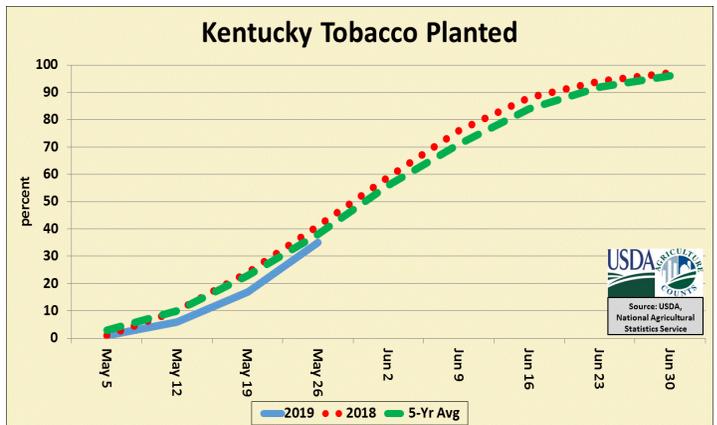
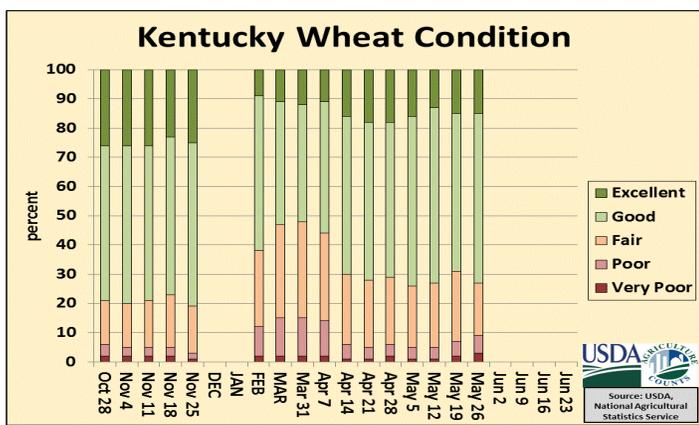
CROP PROGRESS for week ending 05/26/19

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	82	71	89	89
Corn Emerged	65	50	66	70
Soybeans Planted	38	22	53	40
Soybeans Emerged	17	8	30	21
Tobacco Set	35	17	41	38
Winter Wheat Headed	94	90	90	95

CROP CONDITIONS for week ending 05/26/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	12	69	15
Hay	2	5	25	60	8
Livestock	2	7	21	62	8
Pasture	1	6	21	64	8
Wheat	3	6	18	58	15





**Kentucky Climate Summary
For the Period May 20, 2019 to May 26, 2019**

Well Above Normal Temperatures and Below Normal Rainfall:

Kentucky has now went three straight weeks with below normal rainfall. The state only averaged 0.61 inches for the week with higher totals across the Purchase area, North Central Kentucky, and the Bluegrass. Totals diminished across Southern and Southeastern Kentucky. The brunt of the activity came on Sunday as a disturbance sparked scattered to numerous storms across primarily the northern half of Kentucky. Storms were capable of heavy rain, frequent lightning, and some gusty winds. Otherwise, the rest of the week featured hit-or-miss activity with most of the state staying dry. Looking at temperatures, summer-like heat returned over the second half of the week with highs jumping into the upper 80s to low 90s. This marked the ninth straight week of near to above normal temperatures for the Bluegrass State.

Temperatures for the period averaged 74 degrees across the state which was 8 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 66 degrees in the West to 62 degrees in the East. Departure from normal low temperatures ranged from 9 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at BURKESVILLE 3W and the extreme low was 48 degrees at ALEXANDRIA 5NW.

Precipitation (liq. equ.) for the period totaled 0.61 inches statewide which was 0.5 inches below normal and 55% of normal. Precipitation totals by climate division, West 0.69 inches, Central 0.58 inches, Bluegrass 0.98 inches and East 0.20 inches, which was 0.41, 0.57, 0.09 and 0.92 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 3.13 inches at POPLAR BLUFF ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/26/19 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	0.74	23.29	5.19	75	65	92	53	74	6
Berea	0.32	20.57	2.23	--	--	91	51	73	6
Bowling Green	0.20	23.79	2.28	83	66	92	58	78	10
Bristol	0.04	24.89	7.95	--	--	89	52	74	7
Buckhorn Lake	0.15	22.97	4.30	--	--	89	53	74	7
Cape Girardeau	2.71	29.33	9.30	--	--	90	55	76	6
Campbellsville	0.70	23.17	1.55	--	--	88	53	73	5
Covington	2.13	26.37	9.51	--	--	88	50	72	5
Cumberland Gap	0.01	36.62	15.13	--	--	76	52	66	-1
Dix Dam	0.52	19.29	0.37	--	--	89	52	74	7
Evansville	1.51	28.28	9.79	--	--	89	54	74	4
Glasgow	0.02	23.81	1.91	77	65	89	56	76	8
Grayson	0.07	18.41	2.05	--	--	90	52	73	6
Hardinsburg	0.90	28.00	7.64	--	--	88	54	75	7
Henderson	0.70	25.34	6.38	--	--	91	56	76	6
Huntington	0.45	19.30	3.02	--	--	89	51	70	3
Jackson	0.46	22.45	3.36	--	--	89	52	75	8
Lexington	1.32	21.56	3.46	74	64	90	52	75	8
London	0.22	26.70	7.71	--	--	89	55	74	7
Louisville	0.82	25.21	6.29	--	--	91	55	77	9
Mayfield	0.25	32.26	9.23	--	--	91	54	76	6
Nashville	0.01	27.29	6.57	--	--	93	60	79	11
Nolin Lake	0.42	25.40	4.25	--	--	94	54	75	7
Paducah	0.73	35.28	14.04	77	68	91	56	76	6
Princeton	0.05	25.04	2.91	83	68	89	56	76	6
Quicksand	0.29	20.65	1.56	--	--	89	51	72	5
Somerseset	0.39	28.20	7.51	--	--	88	52	73	6
Spindletop	1.66	23.42	5.32	74	63	92	51	75	8
Williamstown	0.64	27.15	9.29	--	--	86	49	71	4

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