



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:

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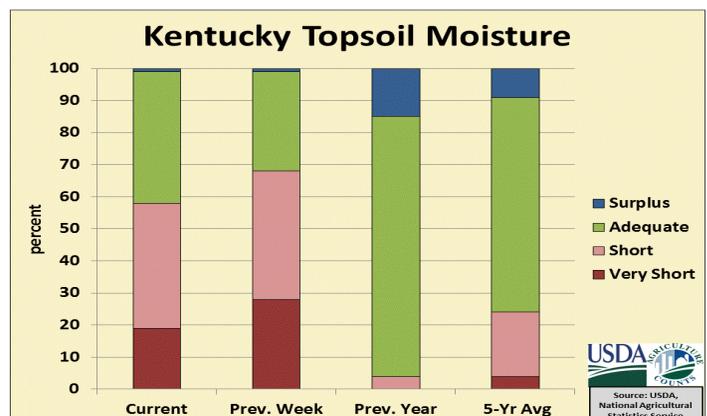
Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 0.81 inches, 0.10 inches above normal. Temperatures averaged 55 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 19 percent very short, 39 percent short, 41 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 20 percent very short, 42 percent short, 37 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities for this week included harvesting corn and soybeans, stripping tobacco, and seeding winter wheat. Much of the state received needed rain this week, however there are still a few areas that remain very dry. The rain was an impediment to the row crop harvest, but was needed to promote pasture growth as temperatures remain cool.

Despite the recent precipitation, many farmers are still feeding hay at this juncture putting stress on winter supplies. Pasture condition has improved, but the necessity to supplement still exists. Soybeans and housed tobacco are both in mostly good condition.

SOIL MOISTURE for week ending 10/20/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	19	39	41	1
Subsoil	20	42	37	1



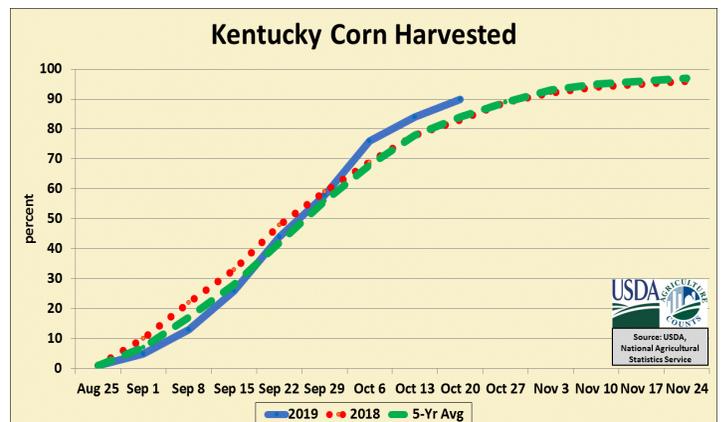
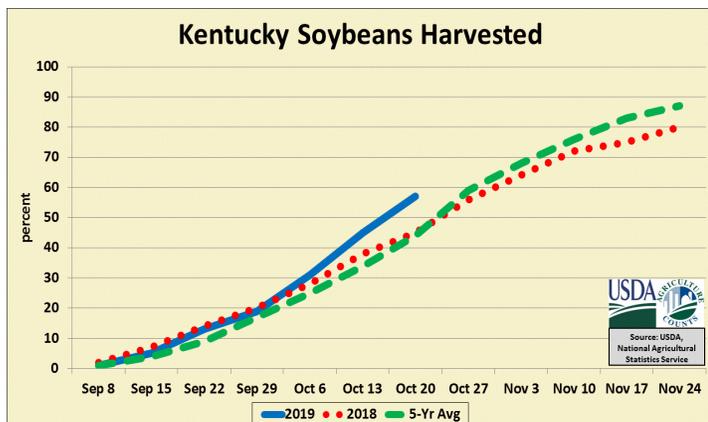
CROP PROGRESS for week ending 10/20/19

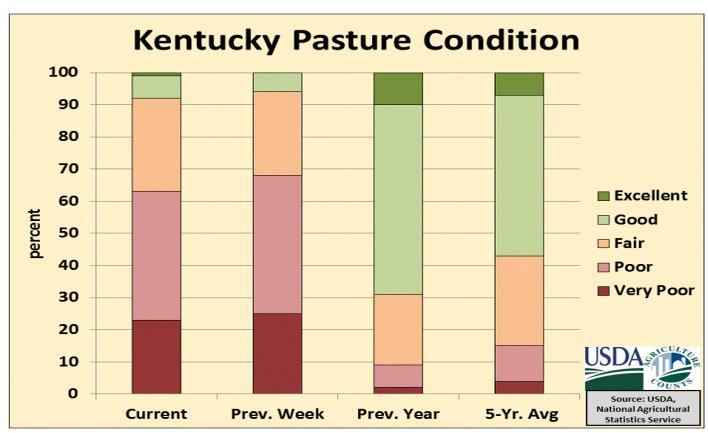
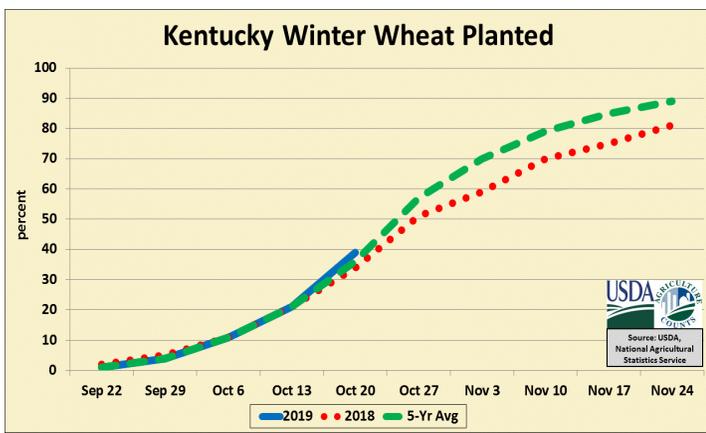
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	90	84	83	84
Soybeans Coloring	96	92	95	-1
Soybeans Dropping Leaves	89	80	89	86
Soybeans Harvested	57	45	45	44
Tobacco Stripped	26	17	31	25
Winter Wheat Seeded	39	21	34	36
Winter Wheat Emerged	13	9	12	13

-1 Represents not available.

CROP CONDITIONS for week ending 10/20/19

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	23	40	29	7	1
Soybeans	5	14	29	46	6
Tobacco Housed	2	7	24	60	7





**Kentucky Climate Summary
For the Period October 14, 2019 to October 20, 2019**

Below Normal Temperatures and Above Normal Rainfall:

The state averaged 0.81 inches for the period, marking a second straight week of above normal rainfall. The higher totals was a result of two events. The first event came Tuesday night as a cold front moved through the area. This boundary sparked a quick hitting round of widespread showers with embedded storms. Accumulations were generally between a half and one inch for most of the state. This was followed by the second event on Saturday as moisture streaming into the state around Tropical Storm Nestor sparked showers across primarily Southeastern Kentucky. For the week, this area saw 1 to 2 inches of rainfall, which was especially beneficial with recent dry conditions. While most of the state had seen major improvements in recent weeks, Southeastern Kentucky actually saw drought worsen with 'Extreme' drought expanding across this area. Bottom line, after a record breaking dry September, October is going in the opposite direction.

Temperatures for the period averaged 55 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 70 in the West to 66 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 42 degrees in the West to 42 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to near normal in the East. The extreme high temperature for the period was 80 degrees at OWENSBORO AWSS and the extreme low was 29 degrees at HENDERSON 5E.

Precipitation (liq. equ.) for the period totaled 0.81 inches statewide which was 0.1 inches above normal and 115% of normal. Precipitation totals by climate division, West 0.82 inches, Central 0.80 inches, Bluegrass 0.64 inches and East 0.97 inches, which was 0.07, 0.08, -0.03 and 0.29 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CARBONDALE ASOS to a high of 2.89 inches at BENTON 4N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/20/19 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	1.31	28.49	4.09	2.69	1.58	73	34	56	-2	98	28
Berea	0.74	28.84	4.60	1.60	1.73	75	32	53	-3	100	33
Bowling Green	0.66	26.68	1.52	-0.67	-1.42	78	38	58	0	92	31
Bristol	2.94	27.42	3.66	4.26	1.12	76	34	54	-2	100	28
Buckhorn Lake	1.66	26.50	4.01	0.52	1.21	76	34	54	-2	92	22
Cape Girardeau	0.02	34.45	2.18	8.82	-0.71	75	35	55	-5	100	24
Campbellsville	0.41	25.01	3.18	-5.69	-0.09	74	32	53	-5	100	39
Covington	0.43	27.52	1.22	3.33	-1.39	77	36	56	0	90	26
Cumberland Gap	1.48	31.38	2.38	3.42	-0.57	64	31	49	-7	100	29
Dix Dam	1.06	25.90	3.32	-0.85	0.57	76	34	56	0	87	24
Evansville	0.62	28.46	1.11	4.23	-1.53	78	34	55	-5	100	27
Glasgow	0.63	28.11	3.79	-1.27	0.81	75	35	56	-2	100	35
Grayson	0.76	29.98	5.08	4.96	2.42	78	34	54	-2	100	27
Hardinsburg	0.76	31.30	3.16	4.16	0.22	77	34	55	-3	100	27
Henderson	0.20	22.08	0.61	-3.03	-2.11	79	29	54	-6	100	27
Huntington	0.59	26.60	3.38	1.46	0.72	76	31	53	-3	96	16
Jackson	0.94	27.17	2.88	0.11	0.06	77	35	55	-1	100	33
Lexington	1.12	25.62	3.64	-0.18	1.13	77	36	57	1	87	24
London	0.97	31.58	4.65	6.45	1.94	74	34	54	-2	100	29
Louisville	0.70	25.52	2.47	0.25	-0.12	78	40	59	1	87	21
Mayfield	0.65	27.35	1.62	-0.70	-1.77	77	32	55	-5	100	26
Nashville	0.36	26.08	2.86	0.73	0.26	79	40	60	2	100	29
Nolin Lake	0.51	31.60	3.34	2.60	0.17	76	35	56	-2	100	30
Paducah	0.43	35.04	1.78	7.88	-1.14	76	35	57	-3	100	29
Princeton	1.35	26.80	2.93	-0.41	0.07	76	35	55	-5	100	31
Quicksand	1.03	26.32	3.62	-0.74	0.80	77	35	54	-2	97	39
Somerset	0.65	28.41	2.47	-0.17	-0.71	73	32	52	-4	100	34
Spindletop	1.05	24.80	3.52	-1.00	1.01	78	37	57	1	96	25
Williamstown	0.59	29.62	2.68	3.91	-0.10	74	34	54	-2	100	28

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