



# 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: October 15, 2019

Issue: 31-19

**Agricultural News:** Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.67 inches, 0.92 inches above normal. Temperatures averaged 59 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 28 percent very short, 40 percent short, 31 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 31 percent very short, 42 percent short, and 27 percent adequate. Days suitable for fieldwork averaged 5.4 out of a possible seven.

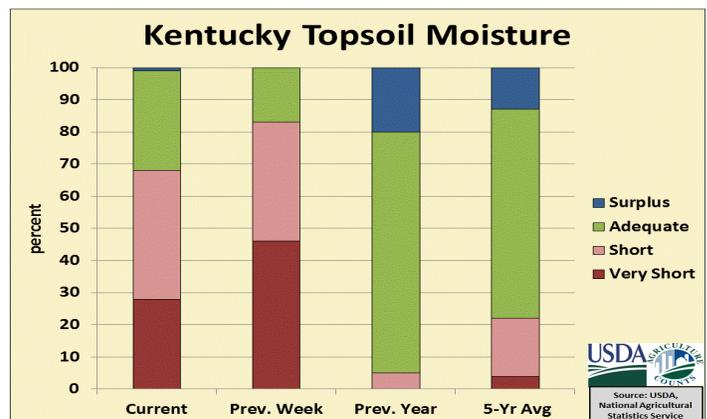
Primary activities for this week included harvesting corn, soybeans, and tobacco along with seeding winter wheat. While the week began with continued drought, the weekend brought some much needed rain for most of the state. The precipitation was a hindrance to fieldwork, but welcomed nonetheless. Temperatures have been cooler and more typical of the season.

The widespread rain should promote pasture growth and replenish ponds, however many farmers will still need to supplement with hay. Pasture condition was reported as 25 percent very poor, 43 percent poor, 26 percent fair, and 6 percent good. Tobacco houseburn was reported as 3 percent severe, 7 percent moderate, 21 percent light, and 69 percent none evident.

**SOIL MOISTURE for week ending 10/13/19**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	28	40	31	1
Subsoil	31	42	27	-

- Represents zero.



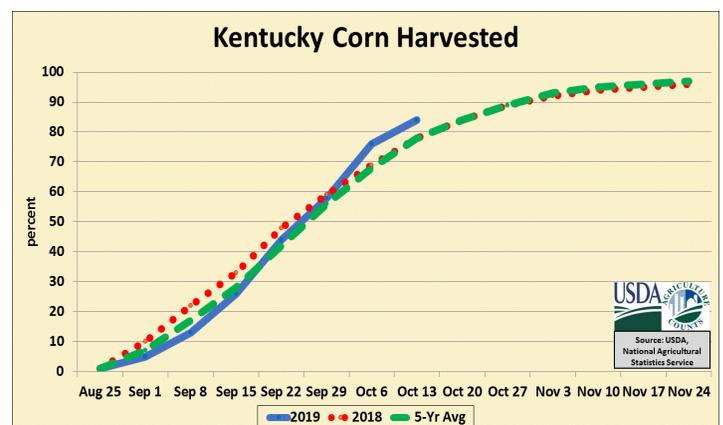
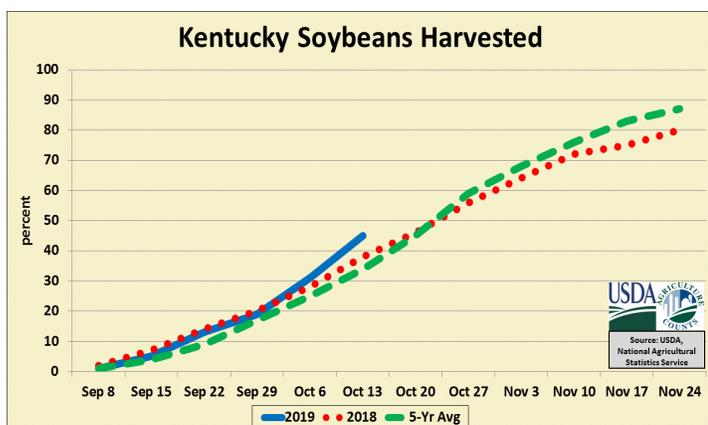
**CROP PROGRESS for week ending 10/13/19**

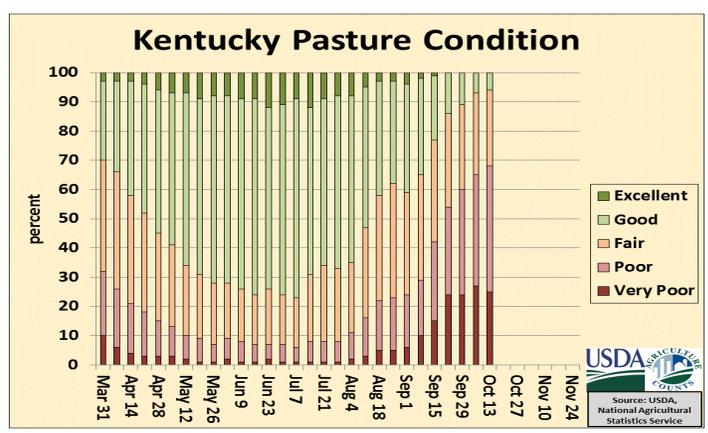
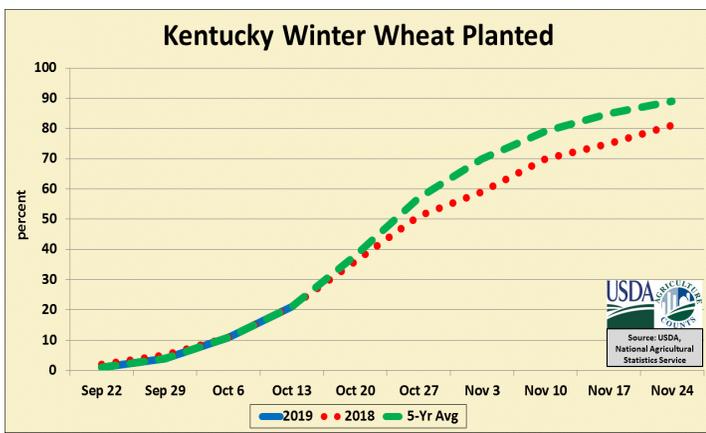
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	84	76	78	78
Soybeans Coloring	92	87	94	93
Soybeans Dropping Leaves	80	69	80	78
Soybeans Harvested	45	31	38	34
Tobacco Cut	97	92	92	95
Tobacco Stripped	17	10	21	18
Winter Wheat Seeded	21	11	21	21
Winter Wheat Emerged	9	1	5	5

**CROP CONDITIONS for week ending 10/13/19**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	25	43	26	6	-
Soybeans	6	15	31	44	4
Tobacco Housed	2	6	25	61	6

- Represents zero.





**Kentucky Climate Summary  
For the Period October 7, 2019 to October 13, 2019**

Near Normal Temperatures and Above Normal Rainfall:

Carrying over from the previous period, a cold front continued to work through the area on Monday morning. This boundary sparked numerous to widespread light to moderate showers, leading to significant accumulations across the area. This was followed by secondary cold front progressing through the area on Friday. Overall, the state has averaged over two inches since the start of the month. This period broke a five week streak of below normal rainfall. The significant rainfall led the US Drought Monitor to make some improvements with roughly 17% of the state now under a 'severe' drought, down from 58% last week. The bigger highlight with the frontal passage on Friday was the significant drop in temperatures, which led to frost advisories issued across the area and state's first real taste of fall. Temperatures dropped well into the 30s over the weekend, Western Kentucky on Friday night and more statewide on Saturday night. Henderson and Mayfield were the coolest spots, each dropping down to 29.

Temperatures for the period averaged 59 degrees across the state which was near normal and 16 degrees cooler than the previous period. High temperatures averaged from 73 in the West to 71 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 45 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at HICKMAN 2E and the extreme low was 29 degrees at HENDERSON 5E.

Precipitation (liq. equ.) for the period totaled 1.67 inches statewide which was 0.92 inches above normal and 221% of normal. Precipitation totals by climate division, West 1.10 inches, Central 2.13 inches, Bluegrass 1.79 inches and East 1.64 inches, which was 0.34, 1.35, 1.07 and 0.88 inches above normal. By station, precipitation totals ranged from a low of 0.05 inches at MIDDLESBORO AWOS to a high of 4.59 inches at COLUMBIA 3N.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 10/13/19 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	2.51	27.18	2.78	1.96	0.10	82	33	57	-3	98	28
Berea	2.20	28.10	3.86	1.50	0.69	81	32	59	0	100	29
Bowling Green	0.29	26.02	0.86	-0.65	-2.27	83	36	62	2	93	24
Bristol	0.31	24.48	0.72	1.90	-2.00	81	50	66	7	100	36
Buckhorn Lake	2.24	24.84	2.35	-0.50	-0.66	81	32	60	1	93	27
Cape Girardeau	0.75	34.43	4.41	9.48	1.37	85	34	59	-3	100	21
Campbellsville	1.30	24.60	2.77	-5.39	-0.87	81	32	58	-2	100	32
Covington	0.58	27.09	0.79	3.55	-1.85	80	34	60	1	97	25
Cumberland Gap	0.30	29.90	0.90	2.69	-2.02	68	42	56	-3	100	8
Dix Dam	2.02	24.84	2.26	-1.26	-0.64	82	35	59	0	93	22
Evansville	0.33	27.84	0.49	4.26	-2.20	85	34	59	-3	100	26
Glasgow	1.59	27.48	3.16	-1.22	-0.05	81	34	59	-1	100	32
Grayson	2.94	29.22	4.32	4.88	1.69	83	37	61	2	100	39
Hardinsburg	0.92	30.54	2.40	4.09	-0.70	82	35	57	-3	100	32
Henderson	0.23	21.88	0.41	-2.61	-2.49	86	29	56	-6	100	26
Huntington	1.90	26.01	2.79	1.54	0.15	81	34	60	1	100	37
Jackson	1.62	26.23	1.94	-0.17	-1.04	81	34	61	2	100	29
Lexington	2.21	24.50	2.52	-0.72	-0.16	84	36	60	1	93	22
London	1.72	30.61	3.68	6.10	0.78	80	33	60	1	97	28
Louisville	0.80	24.82	1.77	0.16	-0.95	84	39	61	1	96	26
Mayfield	0.53	26.70	0.97	-0.53	-2.53	86	29	56	-6	100	27
Nashville	2.27	25.72	2.50	0.96	-0.30	86	38	65	5	100	26
Nolin Lake	2.12	31.09	2.83	2.81	-0.61	84	33	62	2	100	30
Paducah	0.54	34.61	1.35	8.13	-1.75	87	33	60	-2	97	25
Princeton	0.41	25.45	1.58	-1.07	-1.36	84	33	58	-4	100	31
Quicksand	2.01	25.29	2.59	-1.11	-0.39	82	36	61	2	96	39
Somerset	1.42	27.76	1.82	-0.08	-1.55	80	31	60	1	100	23
Spindletop	2.27	23.75	2.47	-1.47	-0.21	84	36	58	-1	98	25
Williamstown	0.67	29.03	2.33	4.00	-0.52	80	32	56	-3	100	29

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