



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.06 inches, 0.36 inches above normal. Temperatures averaged 50 degrees for the week, 7 degrees below normal. **Topsoil moisture** was rated 4 percent short, 81 percent adequate, and 15 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 82 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven.

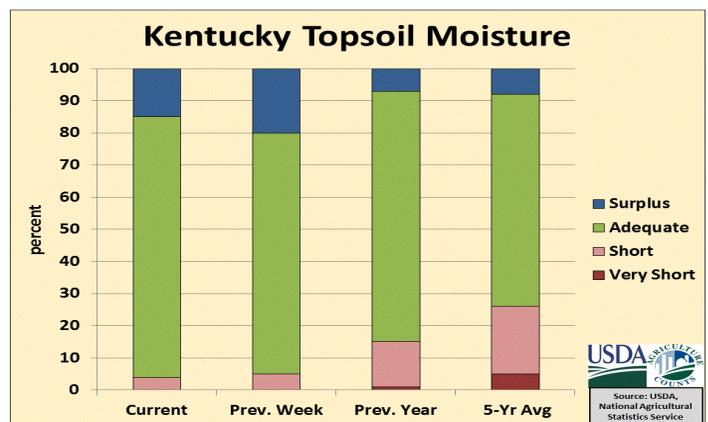
Primary activities for this week included harvesting corn and soybeans, stripping tobacco, and planting winter wheat. Cool temperatures and some scattered rain hindered fieldwork at times, however harvest continues to progress.

Pasture condition is mostly good at this time with cooler temperatures and light frost slowing growth. Soybeans and housed tobacco were both reported as in mostly good condition.

SOIL MOISTURE for week ending 10/21/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	81	15
Subsoil	1	6	82	11

- Represents zero.



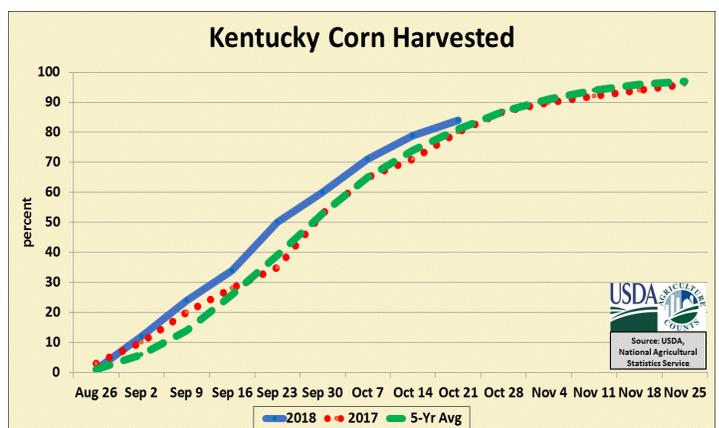
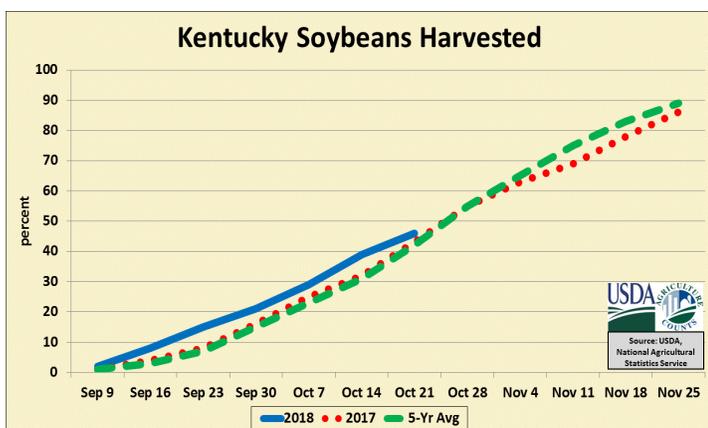
CROP PROGRESS for week ending 10/21/18

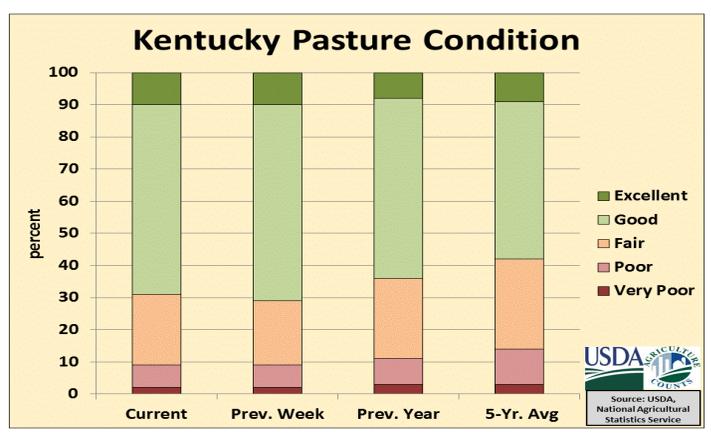
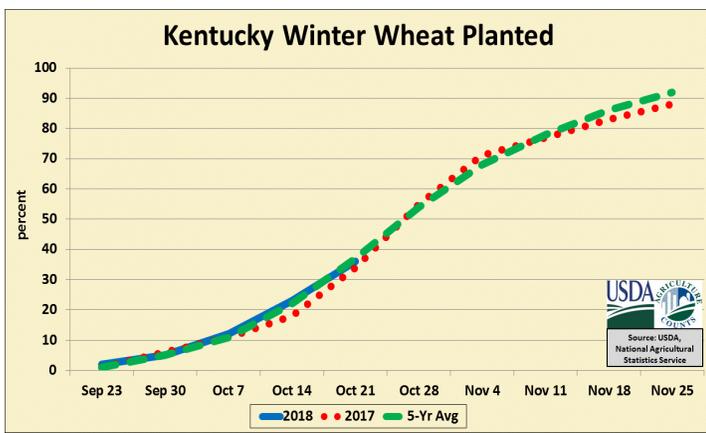
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	84	79	80	81
Soybeans Dropping Leaves	90	81	82	85
Soybeans Harvested	46	39	43	42
Tobacco Cut	96	93	-1	-1
Tobacco Stripped	32	22	32	23
Winter Wheat Seeded	36	23	34	37
Winter Wheat Emerged	13	5	13	13

-1 Represents not available.

CROP CONDITIONS for week ending 10/21/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	7	22	59	10
Soybeans	3	6	18	57	16
Tobacco Housed	4	8	22	58	8





**Kentucky Climate Summary
For the Period October 15, 2018 to October 21, 2018**

Below Normal Temperatures and Above Normal Rainfall:

The passage of multiple cold fronts kept a cooler air mass situated over the Bluegrass State for much of the period. Frost Advisories and Freeze Warnings were issued on multiple occasions. Most of the state saw extreme low temperatures drop into the upper 20s to middle 30s at some point over the past week. This was especially the case Saturday night, behind the passage of a strong cold front. This frontal boundary was the focus for high winds late Saturday with gusts in excess of 40 mph at times. Overall, the state average temperature for the week was 7 degrees below normal, which broke a seven week streak of above normal temperatures. Precipitation averaged about an inch with a couple widespread rounds of light to moderate showers, one coming on Monday and the other on Friday, carrying over into the early stages of Saturday.

Temperatures for the period averaged 50 degrees across the state which was 7 degrees cooler than normal and 12 degrees cooler than the previous period. High temperatures averaged from 61 in the West to 60 in the East. Departure from normal high temperatures ranged from 10 degrees cooler than normal in the West to 10 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 74 degrees at BURKESVILLE 3W and the extreme low was 26 degrees at HENDERSON 5E.

Precipitation (liq. equ.) for the period totaled 1.06 inches statewide which was 0.36 inches above normal and 151% of normal. Precipitation totals by climate division, West 0.96 inches, Central 1.62 inches, Bluegrass 0.72 inches and East 0.94 inches, which was 0.2, 0.91, 0.06 and 0.27 inches above normal. By station, precipitation totals ranged from a low of 0.11 inches at CARROLLTON 2E to a high of 2.82 inches at RUSSELLVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/21/18 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 High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.89	34.37	4.66	8.49	2.17	66	28	50	-7	98	30
Berea	1.24	44.73	6.65	17.40	3.82	69	29	50	-6	88	38
Bowling Green	2.74	27.13	6.64	-0.32	3.73	73	33	54	-3	100	31
Bristol	0.68	28.50	3.15	5.26	0.63	70	33	55	-1	100	32
Buckhorn Lake	0.94	34.37	7.20	8.30	4.44	69	33	50	-6	100	27
Cape Girardeau	0.81	29.46	2.86	3.74	-0.01	68	27	49	-10	100	35
Campbellsville	2.12	29.88	5.39	-0.92	2.17	69	31	51	-6	96	53
Covington	0.14	30.11	2.33	5.83	-0.28	62	32	48	-8	100	30
Cumberland Gap	0.54	35.47	4.94	7.40	1.99	71	31	53	-3	100	32
Dix Dam	1.14	39.10	4.63	12.26	1.90	67	29	49	-7	93	35
Evansville	0.13	30.89	3.97	6.57	1.33	65	29	49	-10	100	31
Glasgow	2.70	33.77	6.11	4.29	3.16	71	30	52	-5	99	29
Grayson	0.83	45.76	3.63	20.64	0.96	68	30	49	-7	97	41
Hardinsburg	0.68	32.50	4.37	5.26	1.45	69	29	49	-8	100	44
Henderson	0.36	22.74	4.33	-2.46	1.64	66	28	49	-10	100	31
Huntington	0.53	34.20	3.88	8.96	1.22	70	31	50	-6	100	31
Jackson	1.43	38.47	7.23	11.32	4.44	70	33	51	-5	97	41
Lexington	0.70	41.20	6.99	15.32	4.50	69	32	51	-5	93	35
London	1.04	35.09	3.93	9.87	1.25	70	32	52	-4	100	42
Louisville	0.39	39.21	5.04	13.85	2.47	66	34	52	-5	96	25
Mayfield	1.19	27.43	3.75	-0.74	0.38	70	29	51	-8	97	41
Nashville	0.05	23.09	2.97	-2.34	0.40	70	35	55	-2	100	31
Nolin Lake	2.03	34.26	5.14	5.16	2.01	73	33	53	-4	99	29
Paducah	0.53	29.15	3.47	1.90	0.58	69	30	51	-8	96	29
Princeton	0.71	29.75	4.62	2.44	1.78	67	28	50	-9	100	29
Quicksand	1.40	35.99	6.45	8.84	3.66	70	33	52	-4	97	41
Somerset	2.01	39.52	7.42	10.83	4.27	71	29	51	-5	100	35
Spindletop	0.70	47.77	4.39	21.89	1.90	68	31	49	-7	97	36
Williamstown	0.54	38.34	2.73	12.53	-0.04	63	30	48	-8	97	41

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