



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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This is the last issue of the 2021 Weekly Crop Weather Report. We thank and are most appreciative of the farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Matthew Dixon and the U.K. Ag Weather Center for supplying the weather data for this report. Also, thanks to the agricultural news media for the professional manner in which they distribute agricultural news across the State. We will be converting to monthly reports for the winter season (Release Dates: Jan 4, Jan 25, Feb 22, & Mar 29). Publication of the 2022 weekly series will begin the first week of April.

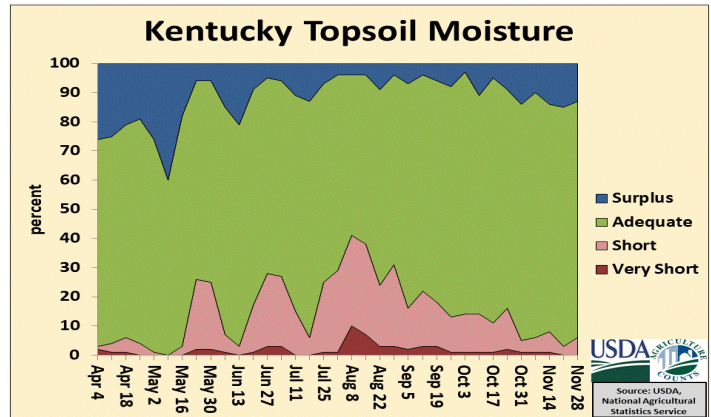
Agricultural News: Kentucky experienced below normal temperatures and precipitation over the past week. Precipitation for the week totaled 0.31 inches, 0.73 inches below normal. Temperatures averaged 39 degrees for the week, 5 degrees below normal. **Topsoil moisture** was rated 6 percent short, 81 percent adequate, and 13 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 82 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible seven.

Primary activities for this week included harvesting soybeans, stripping tobacco, and seeding winter wheat. Fieldwork progress moved steadily forward as farmers were faced with mostly cold, dry conditions. Rain moved in for Thanksgiving and quickly moved out again allowing farmers to return to their work. Soybean harvest continues to trail last year and the five year average. Tobacco stripping continues, but is behind last year at this point in the season. Although pasture condition remains mostly good, cold conditions are limiting regrowth. As farmers consider hay stocks, supplies are rated as mostly adequate. Livestock condition is mostly good despite fairly harsh temperatures recently. Winter wheat is in mostly good condition as the majority of the crop has been planted. Wheat previously planted continues to emerge.

SOIL MOISTURE for week ending 11/28/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	6	81	13
Subsoil	1	7	82	10

- Represents zero.



CROP PROGRESS for week ending 11/28/21

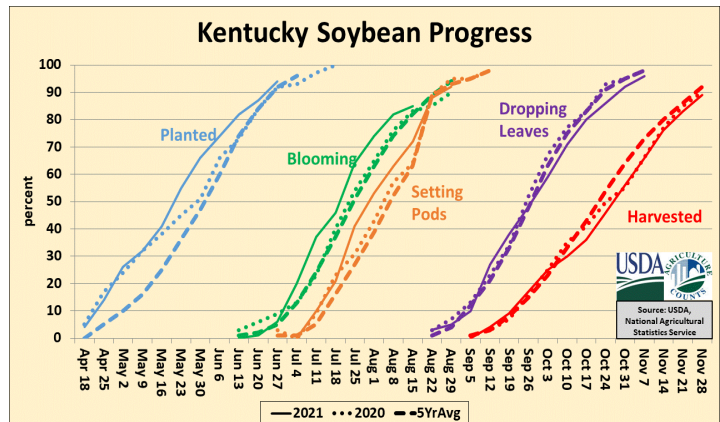
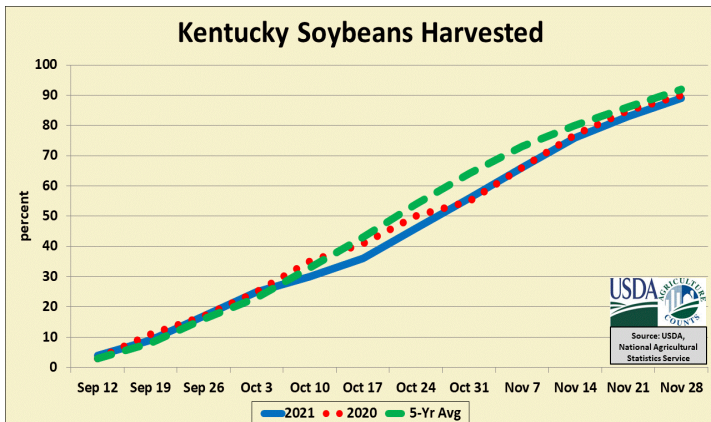
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Soybeans Harvested	89	83	90	92
Tobacco Stripped	70	63	75	-1
Winter Wheat Seeded	93	85	92	-1
Winter Wheat Emerged	63	59	83	-1

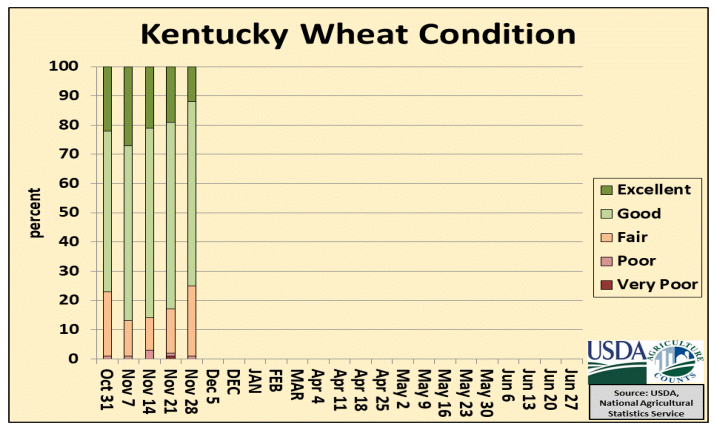
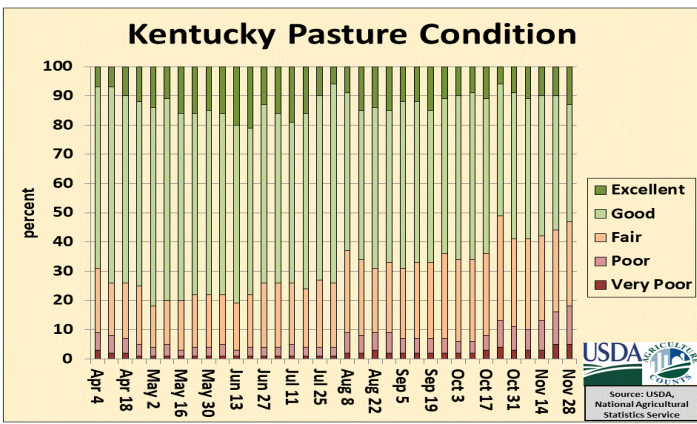
-1 Represents not available.

CROP CONDITIONS for week ending 11/28/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	-	3	18	64	15
Pasture	5	13	29	40	13
Wheat	-	1	24	63	12

- Represents zero.





**Kentucky Climate Summary
For the Period November 22, 2021 to November 28, 2021**

Below Normal Temperatures and Precipitation:

The Bluegrass State saw quite the chilly period compared to late-November standards, especially early in the week. High temperatures for this time of year normally run in the low to middle 50s for most of the state, while lows typically dip into the low to middle 30s. Northerly flow limited highs to the 40s on Monday and Tuesday. The state saw the coldest morning of the fall season on Tuesday. Lows in the upper teens to low 20s were common across the area, but some even dipped into the middle teens. After a brief warmup on Wednesday, rain showers overspread the area for the Thanksgiving holiday with the passage of a cold front. Most ended up between a quarter and half inch. Dry, but chilly conditions then returned for most of the remaining week. Outside of highs in the 50s on Saturday, temperatures ran below normal.

Temperatures for the period averaged 39 degrees across the state which was 5 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 51 in the West to 49 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. Low temperatures averaged from 30 degrees in the West to 29 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 63 degrees at HICKMAN 2E and the extreme low was 15 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.31 inches statewide which was 0.73 inches below normal and 30% of normal. Precipitation totals by climate division, West 0.36 inches, Central 0.32 inches, Bluegrass 0.21 inches and East 0.34 inches, which was 0.84, 0.78, 0.68 and 0.62 inches below normal. By station, precipitation totals ranged from a low of 0.14 inches at LOUISA 1S to a high of 0.71 inches at PIKEVILLE 13S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/28/21 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	Low
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.40	36.85	2.02	6.98	-1.14	55	19	39	-4	95	26
Berea	0.17	33.46	2.19	1.66	-1.38	57	18	38	-3	100	29
Bowling Green	0.26	33.08	2.41	0.53	-1.72	60	22	41	-2	93	29
Bristol	0.35	22.58	0.97	-4.24	-1.77	56	20	38	-3	100	28
Buckhorn Lake	0.38	26.35	1.38	-4.03	-2.02	57	21	39	-2	97	29
Cape Girardeau	0.54	28.10	2.73	-2.29	-0.97	62	24	42	-3	100	20
Campbellsville	0.26	31.42	2.67	-4.14	-1.07	56	17	37	-6	100	33
Covington	0.15	35.54	1.93	7.11	-1.30	55	19	38	-3	93	32
Cumberland Gap	0.65	32.20	1.70	-0.94	-2.31	55	21	39	-2	100	28
Dix Dam	0.20	36.50	2.36	5.32	-1.06	57	19	38	-3	97	31
Evansville	0.45	28.81	1.61	0.08	-1.87	60	20	39	-6	100	35
Glasgow	0.32	41.86	2.62	7.15	-1.64	58	20	39	-4	100	30
Grayson	0.09	27.60	1.21	-1.43	-1.74	56	19	38	-3	100	28
Hardinsburg	0.35	34.64	1.54	2.55	-2.33	57	19	38	-5	100	34
Henderson	0.45	24.03	1.54	-5.89	-2.28	60	20	38	-7	100	36
Huntington	0.16	36.32	1.57	6.98	-1.58	53	22	39	-2	90	17
Jackson	0.37	32.12	1.67	0.41	-1.95	58	22	40	-1	93	21
Lexington	0.22	38.32	2.08	8.45	-1.08	55	19	38	-3	97	31
London	0.38	34.18	1.84	4.46	-1.77	56	20	38	-3	100	23
Louisville	0.33	30.29	1.63	0.61	-1.82	59	26	41	-2	97	30
Mayfield	0.27	33.21	2.04	-0.69	-2.53	62	20	40	-5	100	33
Nashville	0.41	32.49	1.40	2.36	-2.45	62	25	43	0	100	27
Nolin Lake	0.24	42.67	2.80	8.34	-1.41	56	20	38	-5	100	30
Paducah	0.44	30.42	1.69	-1.83	-2.34	63	23	43	-2	92	26
Princeton	0.33	32.84	1.86	0.23	-2.46	60	20	39	-6	100	30
Quicksand	0.34	30.34	1.52	-1.37	-2.10	59	20	38	-3	86	46
Somerset	0.30	33.86	2.78	0.21	-1.13	56	19	38	-3	99	25
Spindletop	0.18	35.21	2.13	5.34	-1.03	55	22	38	-3	100	34
Williamstown	0.26	35.07	2.05	4.99	-1.26	55	20	37	-4	99	33

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.