



# 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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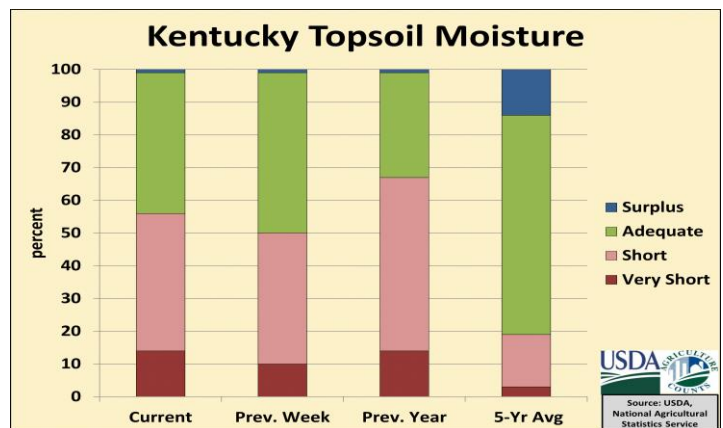
**Agricultural News:** Kentucky experienced above normal temperatures and below normal precipitation over the past week. Precipitation for the week totaled .15 inches, 0.65 inches below normal. Temperatures averaged 51 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 14 percent very short, 42 percent short, 43 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 14 percent very short, 42 percent short, 43 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.3 out of a possible seven.

Primary activities this week included seeding winter wheat, harvesting soybeans, and maintenance of pastures. The trend of high temperatures and little precipitation continued this week, with only small pockets of the state receiving rainfall. Dry conditions did however allow for harvest to continue regularly. The corn crop is at 95% harvested, and harvest of soybeans is at 87% complete for the year. Seeding of winter wheat also continues and is at 83% complete. Lack of rainfall has slightly delayed germination but does not seem to be having too much of a negative impact on the condition of the crop so far.

Pastures continue to be stressed due to the dry and warmer than usual conditions. Occasional frosts have also stunted pasture growth. Reports show 46% of pasture in very poor or poor condition, compared to the five-year average of 32% for this time of year. With dry conditions this year, producers had to rely on hay to supplement feed earlier than usual. Lower than normal hay stocks is a possibility for the coming winter months.

**SOIL MOISTURE for week ending 11/19/23**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	14	42	43	1
Subsoil	14	42	43	1



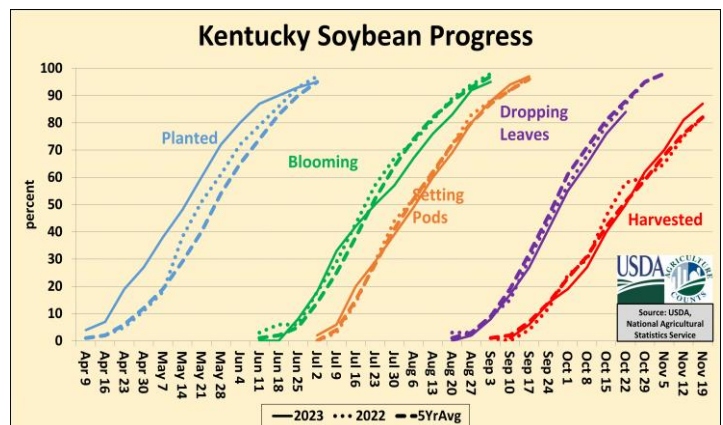
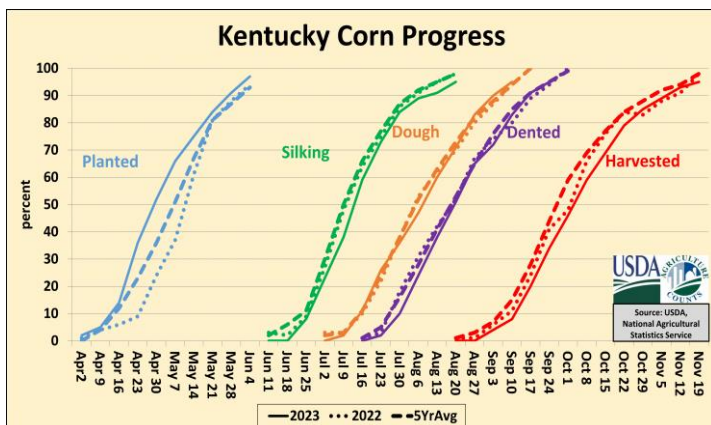
**CROP PROGRESS for week ending 11/19/23**

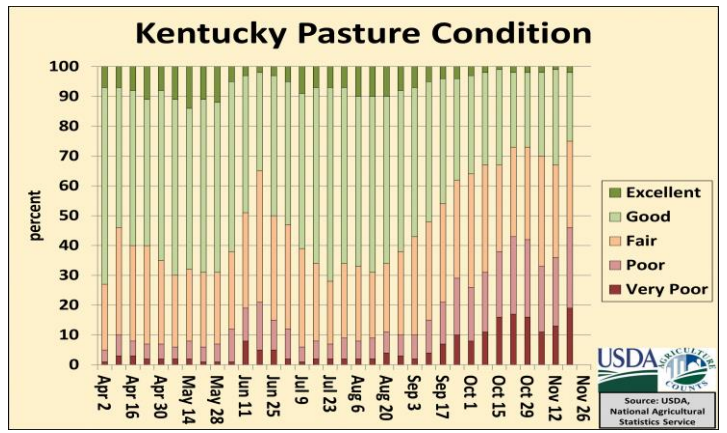
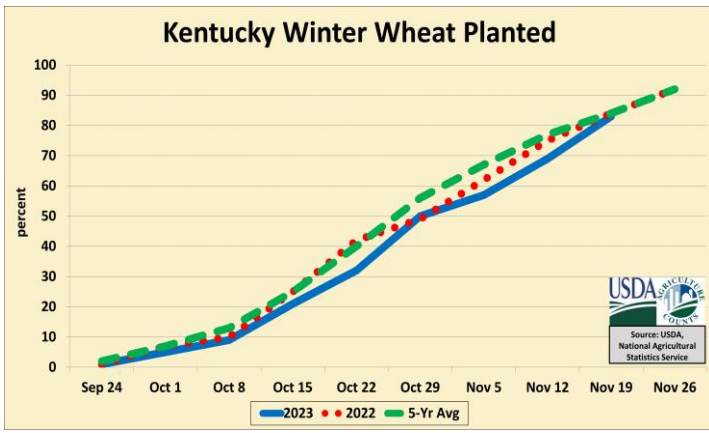
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	95	93	99	97
Soybeans Harvested	87	81	92	84
Tobacco Stripped	68	66	61	63
Winter Wheat Seeded	83	69	92	85
Winter Wheat Emerged	65	47	64	63

**CROP CONDITIONS for week ending 11/19/23**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	19	27	29	23	2
Wheat	-	2	26	66	6

- Represents zero.





**Kentucky Climate Summary**  
**For the Period November 13, 2023 to November 19, 2023**

Above Normal Temperatures and Below Normal Precipitation:

Limited rainfall was the name of the game for a second straight week. The state only averaged 0.15 inches. Through November 19th, data at the Ag Weather Center shows Kentucky has only averaged 0.31 inches for the month of November. Much of Southeastern KY was pushed into a 'severe' drought in the latest update to the U.S. Drought Monitor. In fact, it's the highest spatial coverage of severe drought that Kentucky has seen since December 6th of last year. Stream flows continue to run well below average for this time of year and over 35 county burn bans remain in place. The state saw a few days of elevated fire risk this past week as humidity levels ran very low.

Temperatures for the period averaged 51 degrees across the state which was 4 degrees warmer than normal and 6 degrees cooler than the previous period. High temperatures averaged from 65 in the West to 65 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 39 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 77 degrees at BURKESVILLE 3W and the extreme low was 21 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.15 inches statewide which was 0.65 inches below normal and 19% of normal. Precipitation totals by climate division, West 0.13 inches, Central 0.04 inches, Bluegrass 0.16 inches and East 0.27 inches, which was 0.8, 0.79, 0.58 and 0.45 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BOWLING GREEN APT to a high of 0.61 inches at LOUISA 1S.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 11/19/23 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures			
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*
		<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>
<b>Western KY</b>										
Caldwell	Princeton(M)	0.17	35.19	3.57	2.98	0.01	74	28	51	3
Christian	Hopkinsville(M)	0.20	34.95	4.24	1.62	0.76	74	36	53	5
Daviess	Owensboro(AP)	0.16	19.77	1.87	-10.33	-1.62	73	29	52	6
Fulton	Hickman(M)	0.02	35.92	4.73	3.90	1.07	72	31	52	4
Marshall	Benton(M)	0.31	28.34	4.67	-7.35	0.73	74	28	51	3
McCracken	Paducah(AP)	0.06	32.56	2.67	0.54	-0.99	74	30	54	6
McLean	Calhoun(M)	0.30	27.40	2.16	-5.62	-1.53	73	27	49	0
Todd	Elkton(M)	0.00	30.86	2.19	-2.47	-1.29	75	25	50	2
Union	Morganfield(M)	0.06	23.56	2.35	-6.54	-1.14	73	27	50	4
<b>Central KY</b>										
Barren	Glasgow(M)	0.01	24.25	1.54	-9.09	-1.65	74	27	51	4
Breckinridge	Hardinsburg(M)	0.04	24.13	1.81	-9.26	-1.68	72	28	50	4
Clinton	Albany(M)	0.14	23.49	0.80	-11.31	-2.29	75	29	52	7
Hardin	Elizabethtown(M)	0.03	26.38	1.57	-7.01	-1.92	72	27	50	4
Hart	Munfordville(M)	0.01	26.75	1.35	-7.05	-2.11	73	30	51	1
Jefferson	Louisville(AP)	0.08	22.33	1.89	-9.11	-1.16	73	34	54	6
Taylor	Campbellsville(M)	0.01	19.67	1.47	-13.40	-1.71	73	26	50	3
Warren	Bowling_Green(AP)	0.00	23.92	1.18	-8.06	-2.02	76	30	55	7
<b>Bluegrass</b>										
Boone	Cinci./NKY(AP)	0.50	24.01	2.41	-5.64	-0.56	68	29	49	5
Boyle	Danville(M)	0.06	19.93	1.20	-13.23	-1.82	71	26	49	2
Fayette	Lexington(AP)	0.04	22.79	1.19	-9.96	-1.88	72	30	53	7
Franklin	Frankfort(M)	0.00	22.45	1.42	-8.43	-1.69	70	26	48	2
Madison	Richmond(M)	0.08	23.10	0.90	-10.06	-2.12	72	24	47	0
Mason	Maysville(M)	0.11	22.33	1.35	-8.86	-1.54	69	25	47	3
<b>Eastern KY</b>										
Breathitt	Jackson(AP)	0.52	27.66	1.12	-5.54	-1.85	73	33	55	7
Harlan	Harlan(M)	0.67	24.42	1.30	-8.19	-1.42	62	31	47	1
Lawrence	Louisa(M)	0.62	20.19	1.42	-10.01	-1.31	73	26	47	2
Pike	Pikeville(M)	0.47	26.89	1.19	-3.31	-1.54	68	34	52	7
Pulaski	Somerset(M)	0.13	22.78	0.72	-10.38	-2.30	71	26	48	1
Rowan	Morehead(M)	0.17	24.84	1.28	-8.87	-1.66	71	27	47	2

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, the University of Kentucky Agricultural Weather Center: (859) 218-4363.

^ : Data Courtesy: (M) - Kentucky Mesonet Station: <http://www.kymesonet.org/>

(AP) - Airport, Federal Aviation Administration Surface Weather Observation Station (ASOS/AWOS)

\* : Deviations based on closest available station with climate normals: [http://weather.uky.edu/climate\\_normals.php](http://weather.uky.edu/climate_normals.php)