



Crop Progress and Condition

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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 2023 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 2, Jan 29, Feb 26, & Mar 25). Publication of the weekly series will begin the first week of April 2024.

Agricultural News: Kentucky experienced near normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.18 inches, 0.28 inches above normal. Temperatures averaged 44 degrees for the week, which is the average for the period. **Topsoil moisture** was rated 9 percent very short, 33 percent short, 57 percent adequate and 1 percent surplus. **Subsoil moisture** was rated 9 percent very short, 32 percent short, 59 percent adequate, and 0 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

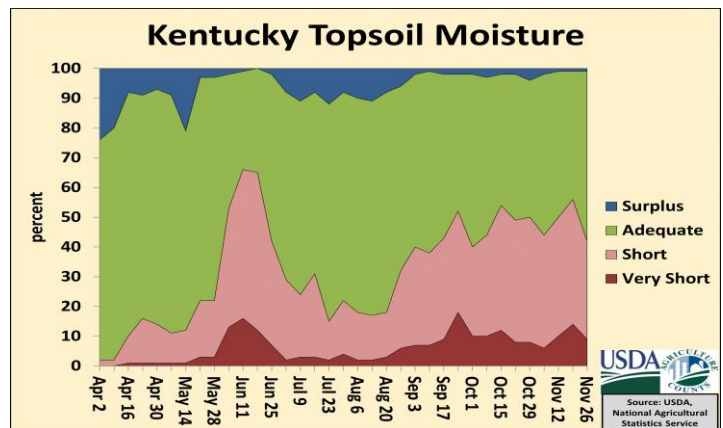
Primary activities this week included stripping tobacco, seeding winter wheat, and continuing the soybean harvest. Cooler and wetter conditions prevailed this week. Average temperatures dropped 8 degrees from last week. Early in the period substantial rains impacted most parts of Kentucky and provided some welcome relief from the drought. Rains did not slow fieldwork too much as soybean harvest progressed to 97% complete for the year. Currently, tobacco is 76% stripped. The lower temperatures and rains gave a boost to winter wheat conditions. Lack of rain through most of the planting season has caused emergence to be somewhat slow.

Weather conditions helped pastures improve a decent amount. However, lingering effects from the drought on fall pasture growth are evident with 34% still being reported as very poor or poor. Favorable conditions will need to persist to see continued improvements. Hay supplies are reported at 4% very short, 19% short, 72% adequate, and 5% surplus. With some farmers having to already supplement hay due to poor pasture conditions this fall, hay stocks will be of concern over the winter. Subsoil conditions remain dry for most in the area.

SOIL MOISTURE for week ending 11/26/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	9	33	57	1
Subsoil	9	32	59	-

- Represents zero.



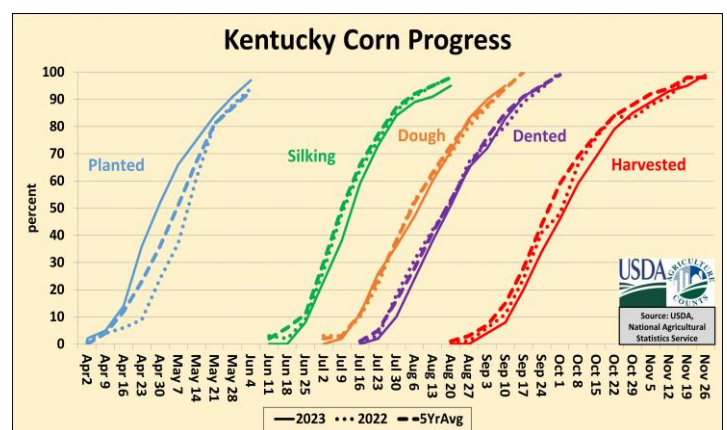
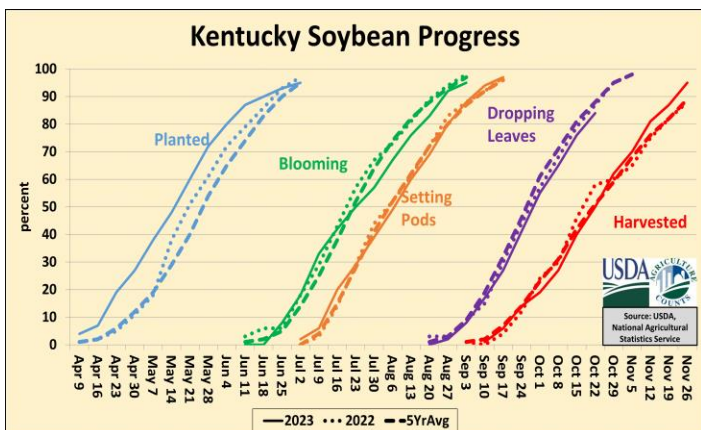
CROP PROGRESS for week ending 11/26/23

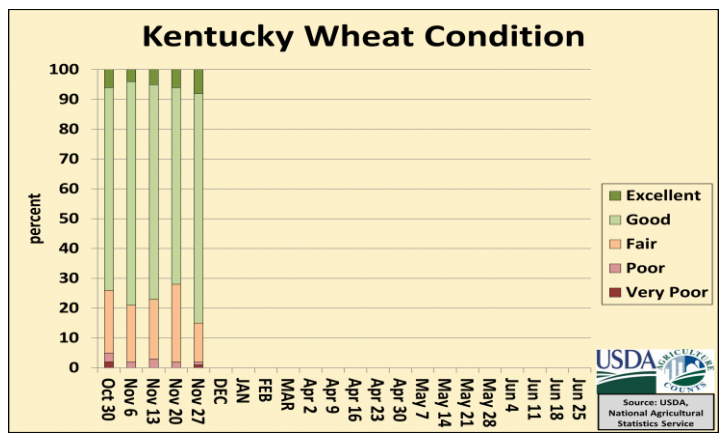
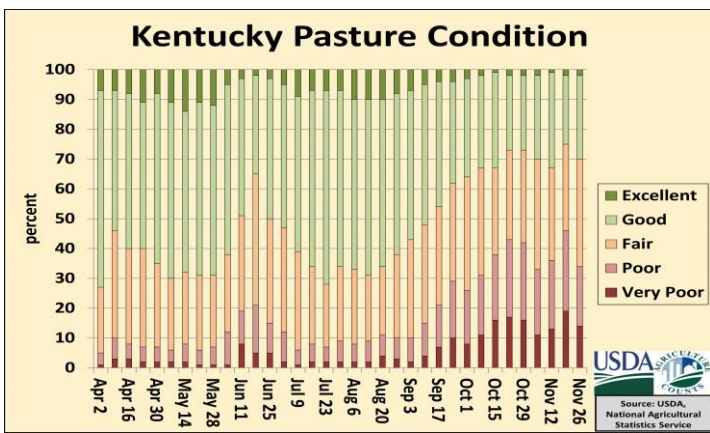
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Soybeans Harvested	95	87	96	89
Tobacco Stripped	76	68	71	70
Winter Wheat Seeded	91	83	96	92
Winter Wheat Emerged	75	65	73	72

CROP CONDITIONS for week ending 11/26/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	-	1	25	63	11
Pasture	14	20	36	28	2
Wheat	1	1	13	77	8

- Represents zero.





**Kentucky Climate Summary
For the Period November 20, 2023 to November 26, 2023**

Near Normal Temperatures and Above Normal Precipitation:

Following what has been a very dry November, Kentucky finally saw a significant rainfall event on Monday night and Tuesday. A passing area of low pressure produced widespread light to moderate rainfall with totals ranging from a half to 2 inches across the state. The slow, soaking rainfall was enough to help extinguish wildfires across Eastern Kentucky. Saying that, more is needed as stream flows are still running well below average for this time of year across much of Kentucky. According to data with the UK Ag Weather Center, even with significant rainfall this past week, the state is still running over 1.5 inches below normal for the month of November. Outside of the early week system, the rest of period ran predominantly dry until Sunday, when some patchy light showers developed ahead of a cold front. Totals were modest, with most areas receiving less than two-tenths of an inch.

Temperatures for the period averaged 44 degrees across the state which was near normal and 8 degrees cooler than the previous period. High temperatures averaged from 53 in the West to 53 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 37 degrees in the West to 37 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 69 degrees at BURKESVILLE 3W and the extreme low was 24 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 1.18 inches statewide which was 0.28 inches above normal and 131% of normal. Precipitation totals by climate division, West 1.04 inches, Central 1.49 inches, Bluegrass 1.23 inches and East 0.95 inches, which was 0.06, 0.54, 0.41 and 0.1 inches above normal. By station, precipitation totals ranged from a low of 0.36 inches at CARBONDALE ASOS to a high of 2.22 inches at GLASGOW 11W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/26/23 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.*
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F
Western KY										
Caldwell	Princeton(M)	0.96	36.15	1.64	2.91	-2.07	61	30	43	-2
Christian	Hopkinsville(M)	1.42	36.37	2.25	2.12	-1.29	62	30	43	-1
Daviess	Owensboro(AP)	0.83	20.60	1.74	-10.42	-1.84	62	32	45	1
Fulton	Hickman(M)	0.86	36.78	1.28	3.78	-2.47	59	30	44	0
Marshall	Benton(M)	0.77	29.11	1.65	-7.78	-2.53	60	29	43	-1
McCracken	Paducah(AP)	0.74	33.30	1.61	0.30	-2.14	62	30	46	1
McLean	Calhoun(M)	0.99	28.39	1.66	-5.63	-2.13	60	29	43	-2
Todd	Elkton(M)	1.62	32.48	2.14	-1.77	-1.40	64	26	43	-1
Union	Morganfield(M)	0.54	24.10	0.72	-6.92	-2.86	60	29	43	0
Central KY										
Barren	Glasgow(M)	2.23	26.48	2.64	-7.79	-0.66	66	28	45	0
Breckinridge	Hardinsburg(M)	0.98	25.11	1.79	-9.22	-1.74	57	29	43	0
Clinton	Albany(M)	0.93	24.42	1.73	-11.47	-1.78	68	27	45	2
Hardin	Elizabethtown(M)	1.74	28.12	2.35	-6.21	-1.18	61	26	43	0
Hart	Munfordville(M)	2.08	28.83	2.54	-6.03	-1.14	65	27	44	-3
Jefferson	Louisville(AP)	1.24	23.57	2.54	-8.73	-0.59	59	33	47	1
Taylor	Campbellsville(M)	1.66	21.33	2.13	-12.69	-1.21	65	26	43	0
Warren	Bowling_Green(AP)	1.59	25.51	1.94	-7.42	-1.41	68	30	47	1
Bluegrass										
Boone	Cinci./NKY(AP)	0.86	24.87	1.85	-5.57	-1.14	53	28	42	0
Boyle	Danville(M)	1.73	21.66	2.30	-12.40	-0.88	59	28	43	-1
Fayette	Lexington(AP)	1.52	24.31	2.27	-9.28	-0.82	55	29	45	2
Franklin	Frankfort(M)	1.61	24.06	2.22	-7.63	-0.88	56	28	42	-1
Madison	Richmond(M)	1.06	24.16	1.59	-9.90	-1.59	57	25	41	-3
Mason	Maysville(M)	1.49	23.82	2.29	-8.15	-0.65	53	28	40	-1
Eastern KY										
Breathitt	Jackson(AP)	0.81	28.47	1.92	-5.64	-1.21	59	30	46	0
Harlan	Harlan(M)	1.43	25.85	2.73	-7.67	-0.22	54	28	40	-3
Lawrence	Louisa(M)	0.73	20.92	1.96	-10.01	-0.78	57	28	42	0
Pike	Pikeville(M)	0.93	27.82	2.12	-3.11	-0.62	57	29	43	0
Pulaski	Somerset(M)	1.14	23.92	1.82	-10.14	-1.36	64	26	43	-1
Rowan	Morehead(M)	0.95	25.79	1.59	-8.71	-1.37	55	27	41	-1

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

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