



Crop Progress and Condition

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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 16, 2023

Issue: 33-23

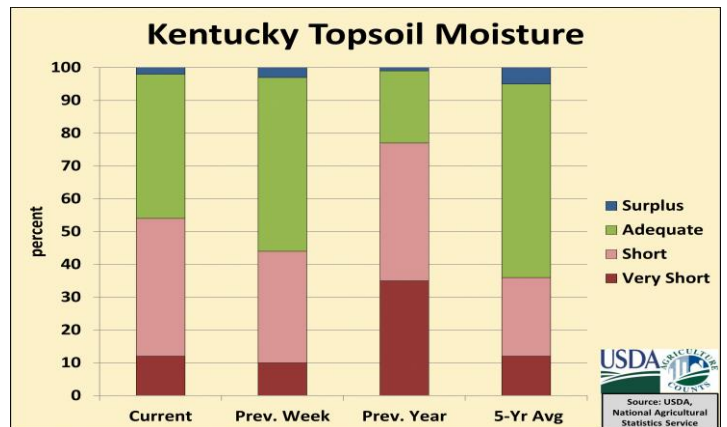
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.19 inches, 0.58 inches below normal. Temperatures averaged 58 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 12 percent very short, 42 percent short, 44 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 11 percent very short, 39 percent short, 49 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.2 out of a possible seven.

Primary activities for this week included stripping tobacco, seeding winter wheat, and grain harvest. With very little rain, the fall harvest is progressing steadily. Much of the state received rain by the weekend, but overall conditions remain dry. Ninety-five percent of corn is mature as 69 percent of the crop has been harvested. Eighty-nine percent of soybeans are coloring with 76 percent dropping leaves. Forty percent of the crop is now harvested. The condition of soybeans continues to be mostly good. With tobacco cutting concluded, stripping is in full tilt. Twenty-six percent of the crop has been stripped at this juncture. Housed tobacco remains in mostly good condition. House burn in tobacco is rated as 1 percent moderate, 48 percent light, and 51 percent with none. Winter wheat seeding is 21 percent complete with 5 percent of the crop emerged.

Pasture condition is mostly good, but the margin is small. Grazing ground badly needs rain to rejuvenate as temperatures are getting cooler. A small amount of late hay was cut as farmers prepare winter stocks.

SOIL MOISTURE for week ending 10/15/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	12	42	44	2
Subsoil	11	39	49	1



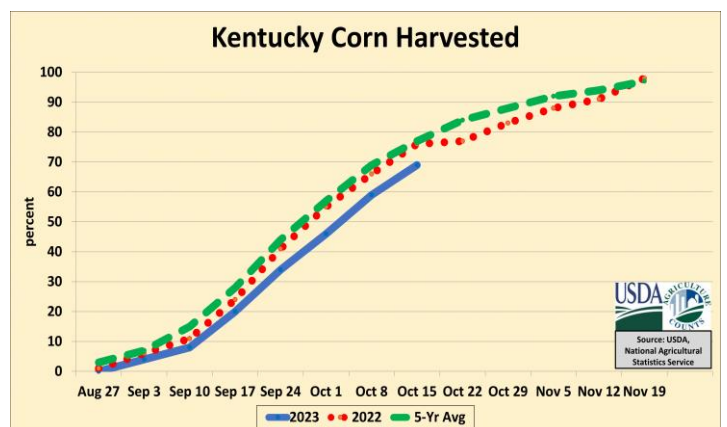
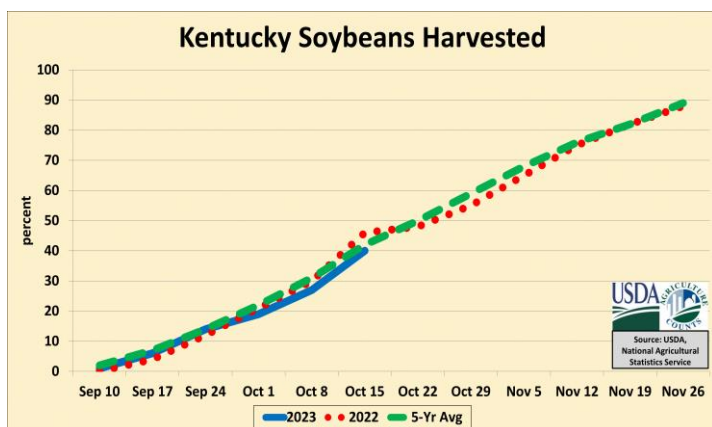
CROP PROGRESS for week ending 10/15/23

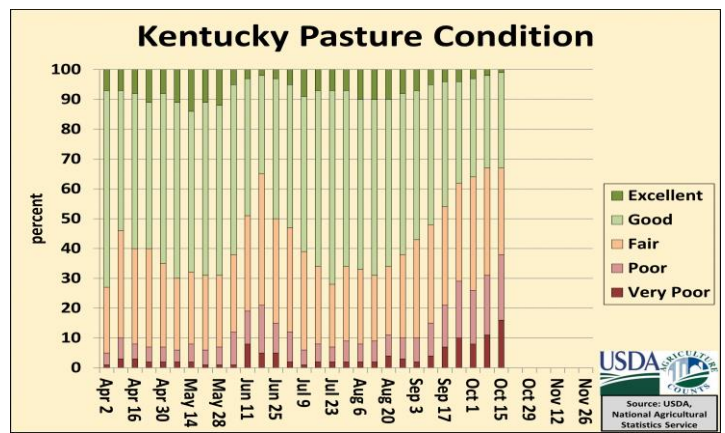
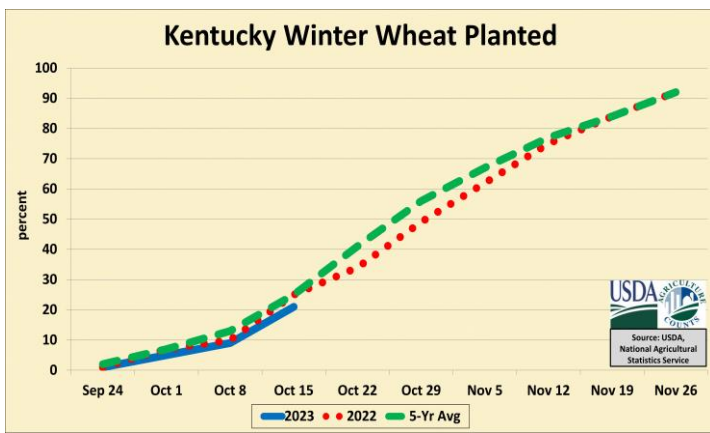
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	95	91	98	98
Corn Harvested	69	59	76	77
Soybeans Coloring	89	84	92	94
Soybeans Dropping Leaves	76	65	79	81
Soybeans Harvested	40	27	46	42
Tobacco Stripped	26	17	27	25
Winter Wheat Seeded	21	9	25	25
Winter Wheat Emerged	5	1	6	8

CROP CONDITIONS for week ending 10/15/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	16	22	29	32	1
Soybeans	1	4	24	57	14
Tobacco Housed	-	33	25	38	4

- Represents zero.





**Kentucky Climate Summary
For the Period October 9, 2023 to October 15, 2023**

Below Normal Temperatures and Rainfall:

Below normal rainfall has been the common theme this fall and the past week was no different. Overall, the state only averaged 0.19 inches. The highest accumulations were seen across the Northern Bluegrass, around a half inch. Those numbers tapered to less than a tenth for much of Western KY and the southern fringes of the state. Most of this activity fell Thursday night and Friday, with just some leftover light activity on Saturday and Sunday. According to data at the Ag Weather Center, month-to-date average state rainfall now stands at 0.48 inches through October 15th, which is over an inch below normal.

Temperatures for the period averaged 58 degrees across the state which was 2 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 71 in the West to 68 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 49 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 2 degrees cooler than normal for the Central. The extreme high temperature for the period was 85 degrees at LOUISA 1S and the extreme low was 31 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.19 inches statewide which was 0.58 inches below normal and 25% of normal. Precipitation totals by climate division, West 0.08 inches, Central 0.16 inches, Bluegrass 0.32 inches and East 0.21 inches, which was 0.72, 0.66, 0.44 and 0.5 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at HENDERSON 5E to a high of 0.60 inches at CINCINNATI/NORTHERN KENTUCKY INTL AP.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/15/23 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)	0.15	31.60	2.12	3.92	-1.37	77	41	58	-3
Christian	Hopkinsville(M)	0.09	30.71	5.39	1.74	1.98	78	43	59	-1
Daviess	Owensboro(AP)	0.06	17.87	0.80	-7.89	-2.34	80	39	60	0
Fulton	Hickman(M)	0.13	31.19	0.95	3.77	-2.60	79	41	60	0
Marshall	Benton(M)	0.10	23.66	1.10	-7.10	-2.58	78	40	60	0
McCracken	Paducah(AP)	0.07	29.89	1.38	2.47	-2.17	80	41	61	0
McLean	Calhoun(M)	0.05	25.20	1.92	-3.17	-1.67	79	37	58	-4
Todd	Elkton(M)	0.04	28.67	3.39	-0.30	-0.02	79	40	58	-2
Union	Morganfield(M)	0.00	21.17	1.56	-4.59	-1.58	81	37	60	0
Central KY										
Barren	Glasgow(M)	0.07	22.25	1.71	-7.05	-1.73	79	39	57	-3
Breckinridge	Hardinsburg(M)	0.27	21.62	2.66	-7.34	-0.88	79	38	57	-2
Clinton	Albany(M)	0.05	22.14	1.78	-8.89	-1.83	79	39	57	0
Hardin	Elizabethtown(M)	0.18	24.26	2.04	-4.70	-1.50	80	37	57	-2
Hart	Munfordville(M)	0.19	24.93	1.82	-4.51	-1.60	77	38	57	-5
Jefferson	Louisville(AP)	0.18	19.78	0.99	-7.75	-2.55	82	45	62	0
Taylor	Campbellsville(M)	0.14	17.83	1.11	-11.21	-2.40	80	35	57	-2
Warren	Bowling_Green(AP)	0.04	22.23	2.10	-5.71	-1.21	80	43	61	0
Bluegrass										
Boone	Cinci./NKY(AP)	0.60	20.71	1.59	-5.18	-1.32	80	36	57	0
Boyle	Danville(M)	0.23	17.70	1.92	-11.64	-1.59	80	36	57	-2
Fayette	Lexington(AP)	0.28	20.68	0.93	-8.15	-2.34	84	38	60	1
Franklin	Frankfort(M)	0.29	20.15	1.19	-6.74	-2.03	82	36	57	-1
Madison	Richmond(M)	0.08	21.66	0.91	-7.68	-2.60	81	34	56	-3
Mason	Maysville(M)	0.59	19.99	2.79	-7.56	-0.31	78	38	56	-2
Eastern KY										
Breathitt	Jackson(AP)	0.33	25.82	0.60	-3.60	-2.58	82	43	58	-1
Harlan	Harlan(M)	0.63	21.70	0.90	-7.42	-2.25	69	36	50	-8
Lawrence	Louisa(M)	0.23	18.28	0.33	-8.44	-2.60	85	34	58	0
Pike	Pikeville(M)	0.52	24.55	0.70	-2.17	-2.23	78	41	55	-2
Pulaski	Somerset(M)	0.35	21.38	1.90	-7.96	-1.61	77	37	55	-4
Rowan	Morehead(M)	0.40	22.41	1.33	-7.58	-1.97	80	33	55	-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