



Crop Progress and Condition

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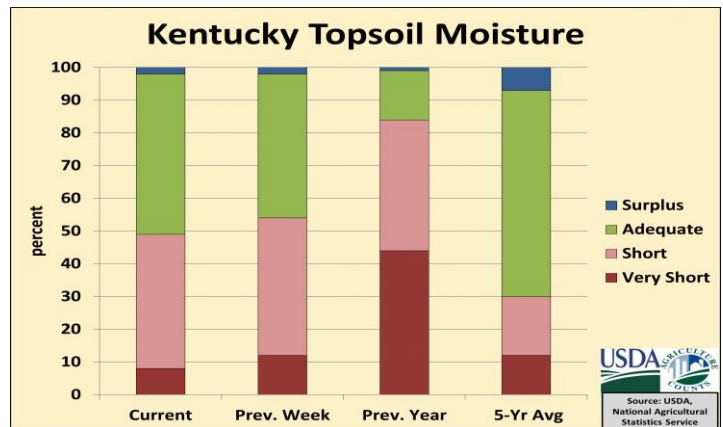
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.53 inches, 0.3 inches below normal. Temperatures averaged 55 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 8 percent very short, 41 percent short, 49 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 10 percent very short, 39 percent short, 50 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven.

Primary activities for this week included stripping tobacco, seeding winter wheat, and grain harvest. The fall harvest is progressing steadily with little interruption from rain. With that said, the state is very dry overall and precipitation would be welcomed for many. New seedings are particularly susceptible and fire hazard grows with the dry conditions. It is of note that there are small pockets of the state that received decent rain towards the weekend. Seventy-nine percent of corn has been harvested. Ninety-five percent of soybeans are coloring with 84 percent dropping leaves. Fifty percent of the crop is now harvested. The condition of soybeans continues to be mostly good. Thirty-five percent of tobacco has been stripped at this juncture. Housed tobacco remains in mostly good condition. Winter wheat seeding is 32 percent complete with 10 percent of the crop emerged.

Pasture condition is mostly fair to good, but rain would aid regrowth while temperatures are still relatively warm. With hay yields varied, animals will need to graze for as long as possible.

SOIL MOISTURE for week ending 10/22/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	8	41	49	2
Subsoil	10	39	50	1



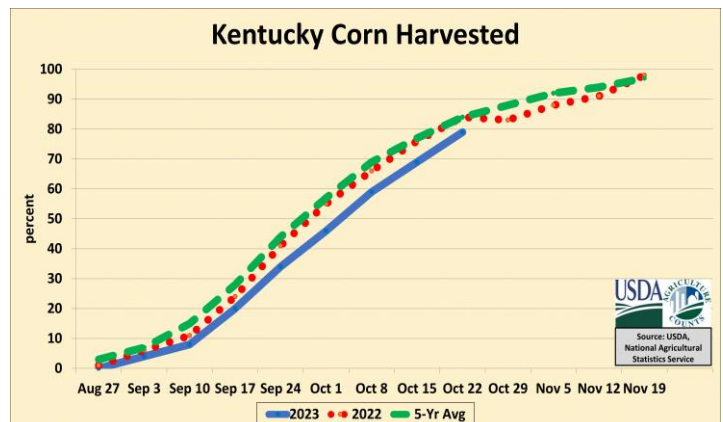
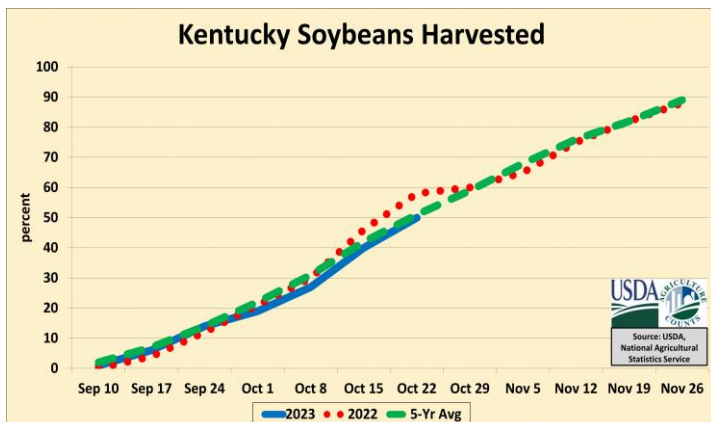
CROP PROGRESS for week ending 10/22/23

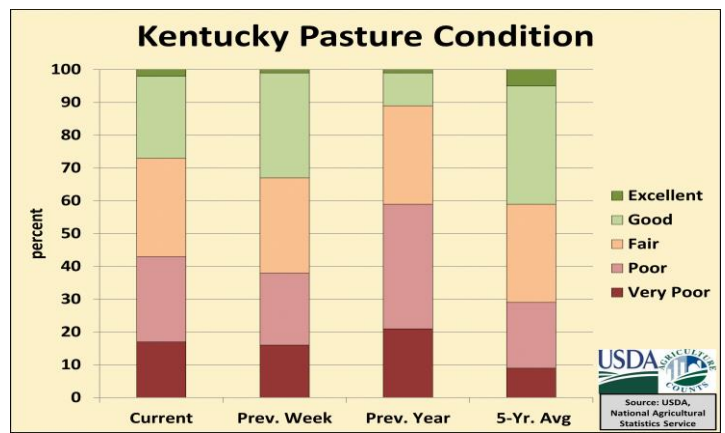
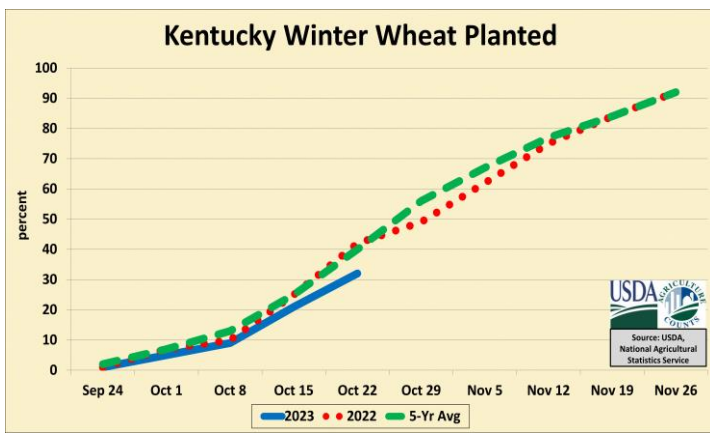
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	79	69	84	84
Soybeans Coloring	95	89	95	-1
Soybeans Dropping Leaves	84	76	87	88
Soybeans Harvested	50	40	58	51
Tobacco Stripped	35	26	34	33
Winter Wheat Seeded	32	21	42	40
Winter Wheat Emerged	10	5	15	17

CROP CONDITIONS for week ending 10/22/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	17	26	30	25	2
Soybeans	1	4	28	55	12
Tobacco Housed	5	21	31	41	2

-1 Represents not available.





Kentucky Climate Summary
For the Period October 16, 2023 to October 22, 2023

Below Normal Temperatures and Rainfall:

The Bluegrass State saw a third straight week of below normal rainfall. Overall, the state averaged 0.53 inches. Nearly everyone across the eastern half of KY saw a half to 1-inch +. Western KY was on the other side of spectrum with most under a tenth of an inch. Some didn't see a drop. This particular area has only averaged 0.62 inches for the month, which is over 1.5 inches below normal. The latest update to the U.S. Drought Monitor now deems nearly 74% of the state as abnormally dry or in a moderate drought. Outside of precipitation, temperatures followed an up and down pattern throughout the week.

Temperatures for the period averaged 55 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 70 in the West to 62 in the East. Departure from normal high temperatures ranged from near normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 46 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 84 degrees at MAYFIELD 6SW and the extreme low was 31 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.53 inches statewide which was 0.3 inches below normal and 64% of normal. Precipitation totals by climate division, West 0.05 inches, Central 0.55 inches, Bluegrass 0.85 inches and East 0.66 inches, which was -0.85, -0.31, 0.04 and -0.09 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at ELKTON 5SW to a high of 1.41 inches at VANCEBURG 6W.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/22/23 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)	0.02	31.62	2.07	2.97	-1.64	81	40	56	-2
Christian	Hopkinsville(M)	0.00	30.71	5.39	0.86	1.92	79	42	56	-2
Daviess	Owensboro(AP)	0.03	17.90	0.81	-8.71	-2.44	80	42	58	0
Fulton	Hickman(M)	0.00	31.19	0.78	2.83	-2.87	84	38	59	0
Marshall	Benton(M)	0.01	23.67	1.04	-8.08	-2.70	82	40	58	0
McCracken	Paducah(AP)	0.00	29.89	1.09	1.53	-2.56	83	40	60	1
McLean	Calhoun(M)	0.04	25.24	1.92	-4.09	-1.82	80	37	56	-3
Todd	Elkton(M)	0.00	28.67	3.39	-1.18	-0.08	81	38	55	-3
Union	Morganfield(M)	0.04	21.21	1.33	-5.40	-1.92	81	41	57	0
Central KY										
Barren	Glasgow(M)	0.46	22.71	2.17	-7.44	-1.30	78	39	55	-2
Breckinridge	Hardinsburg(M)	0.70	22.32	3.36	-7.58	-0.30	77	38	54	-2
Clinton	Albany(M)	0.55	22.69	2.33	-9.02	-0.90	73	36	53	-2
Hardin	Elizabethtown(M)	0.55	24.81	2.59	-5.09	-1.07	77	37	53	-3
Hart	Munfordville(M)	0.47	25.40	2.29	-4.94	-1.21	76	39	55	-4
Jefferson	Louisville(AP)	0.66	20.44	1.65	-7.95	-1.87	78	44	58	0
Taylor	Campbellsville(M)	0.37	18.20	1.48	-11.69	-1.99	75	36	53	-3
Warren	Bowling_Green(AP)	0.51	22.74	2.61	-6.04	-0.74	80	40	58	0
Bluegrass										
Boone	Cinci./NKY(AP)	0.89	21.60	2.40	-5.08	-0.59	69	37	53	-1
Boyle	Danville(M)	1.03	18.73	2.95	-11.41	-0.45	71	38	53	-3
Fayette	Lexington(AP)	0.92	21.60	1.85	-8.08	-1.47	73	41	56	0
Franklin	Frankfort(M)	0.88	21.03	2.07	-6.74	-1.26	72	38	53	-2
Madison	Richmond(M)	0.54	22.20	1.45	-7.94	-1.95	71	37	52	-4
Mason	Maysville(M)	0.99	20.98	3.78	-7.32	0.75	66	38	52	-3
Eastern KY										
Breathitt	Jackson(AP)	0.72	26.54	1.32	-3.69	-1.89	68	43	55	-2
Harlan	Harlan(M)	1.42	23.12	2.32	-6.77	-0.82	57	33	43	-12
Lawrence	Louisa(M)	0.49	18.77	0.82	-8.70	-2.11	73	39	53	-1
Pike	Pikeville(M)	1.15	25.70	1.83	-1.77	-1.10	62	38	48	-6
Pulaski	Somerset(M)	0.68	22.06	2.58	-8.08	-0.82	69	37	52	-4
Rowan	Morehead(M)	1.15	23.56	2.48	-7.21	-0.69	68	37	51	-3

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