



Crop Progress and Condition

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In Cooperation with:

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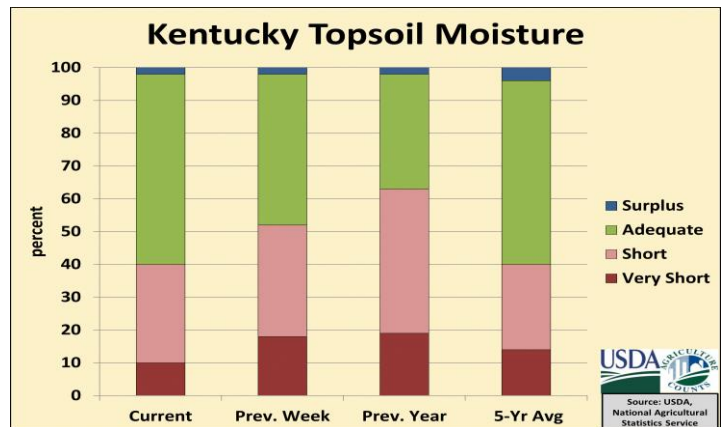
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.84 inches, 0.02 inches above normal. Temperatures averaged 70 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 10% very short, 30% short, 58% adequate and 2% surplus. **Subsoil moisture** was rated 10% very short, 31% short, 58% adequate, and 1% surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities this week included cutting tobacco along with harvesting corn and soybeans. The fall harvest has been delayed by significant rainfall in some areas of the state with much of the central portion of the state remaining very dry. With 86% of the crop mature, corn is 46% harvested. Seventy-seven percent of the soybean crop is coloring at this juncture. The soybean harvest is slightly behind normal as 55% of the crop is dropping leaves. The condition of both corn and soybeans remains mostly good with varied yields. Ninety-two percent of tobacco has been cut at this point. The condition of housed tobacco is 1% very poor, 22% poor, 30% fair, 44% good, and 3% excellent. Tobacco houseburn was reported as 5% light with 95% experiencing none.

Pasture condition improved in areas that received rain but continued to deteriorate in dryer areas of the state. Some farmers are reporting their hay yields are down significantly. Many farmers are hoping to graze hay fields this fall to save stored hay for colder weather. Hay and roughage supplies were reported as 3% very short, 32% short, 60% adequate, and 5% surplus.

SOIL MOISTURE for week ending 10/01/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	30	58	2
Subsoil	10	31	58	1



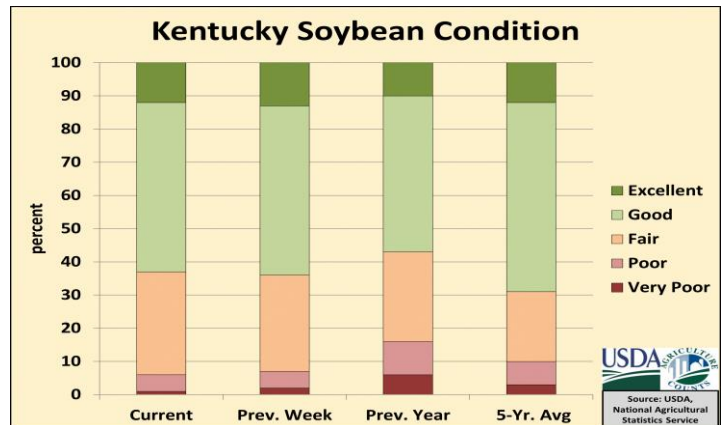
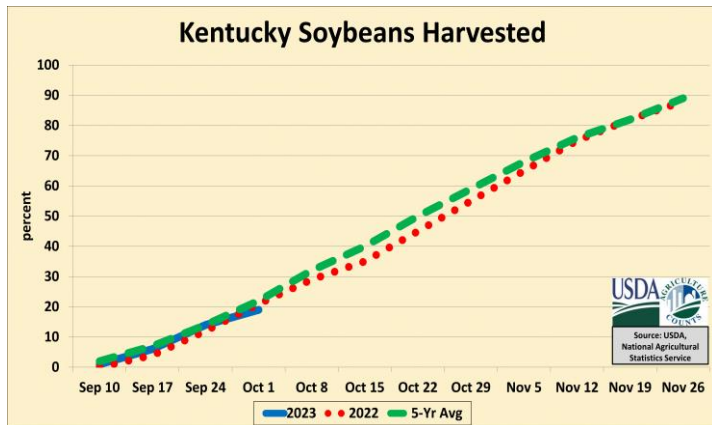
CROP PROGRESS for week ending 10/01/23

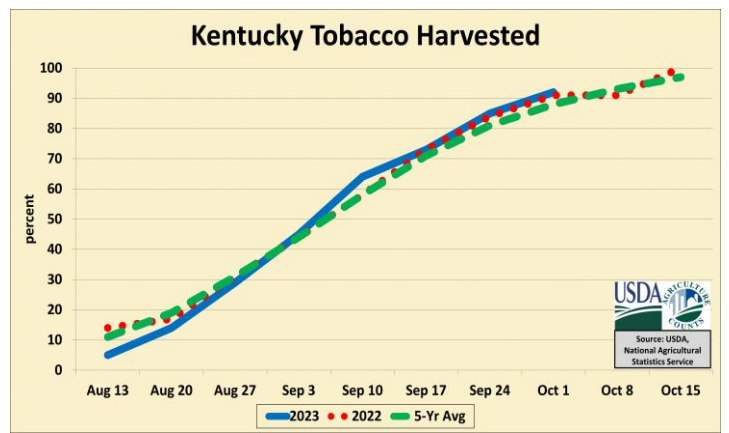
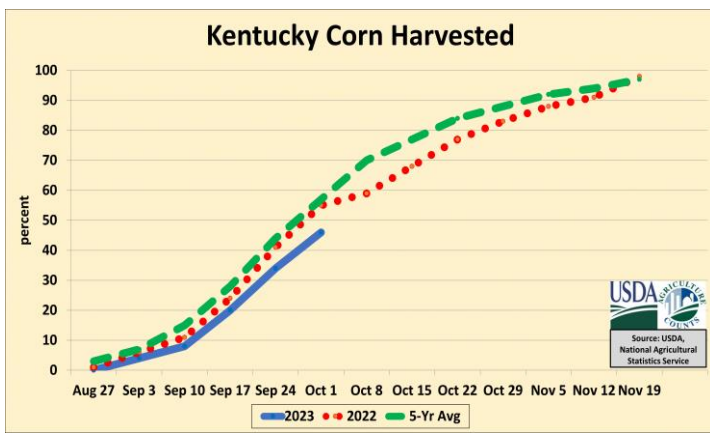
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	86	74	90	91
Corn Harvested	46	34	55	57
Soybeans Coloring	77	66	78	82
Soybeans Dropping Leaves	55	41	55	59
Soybeans Harvested	19	14	21	22
Tobacco Cut	92	85	91	88
Winter Wheat Seeded	5	1	5	6

CROP CONDITIONS for week ending 10/01/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	5	25	53	16
Livestock	1	2	23	62	12
Pasture	8	18	38	33	3
Soybeans	1	5	31	51	12
Tobacco Housed	1	22	30	44	3

-1 Shown when data not available.





Kentucky Climate Summary
For the Period September 25, 2023 to October 1, 2023

Above Normal Temperatures and Rainfall:

A large portion of Kentucky finally saw decent rainfall this period, but some missed out. The state saw waves of showers and storms midweek as a disturbance aloft slowly worked across the region. Storms were capable of producing torrential rainfall at times. This led to quite the disparity in total accumulations. While Kentucky averaged an inch of rainfall, totals ranged from less than a tenth of an inch to upwards of two. Ahead of the rainfall, the U.S. Drought Monitor placed a large section of Central KY into a moderate drought. Following the active pattern, the remainder of the week ran dry with above normal temperatures in place.

Temperatures for the period averaged 70 degrees across the state which was 5 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 85 in the West to 78 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 60 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at COLUMBIA 3N and the extreme low was 49 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.84 inches statewide which was 0.02 inches above normal and 102% of normal. Precipitation totals by climate division, West 1.02 inches, Central 1.16 inches, Bluegrass 0.90 inches and East 0.43 inches, which was 0.29, 0.28, 0.14 and -0.46 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at BIG SANDY to a high of 4.99 inches at HOPKINSVILLE 6N.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/1/23 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>
Western KY										
Caldwell	Princeton(M)	1.52	31.07	2.77	5.23	-0.35	85	58	71	4
Christian	Hopkinsville(M)	4.99	30.31	8.28	3.03	4.92	86	59	71	4
Daviess	Owensboro(AP)	0.29	17.38	1.08	-6.82	-2.06	88	59	73	7
Fulton	Hickman(M)	0.13	30.54	1.22	4.89	-2.18	89	57	74	7
Marshall	Benton(M)	0.48	23.11	0.91	-5.86	-2.76	88	58	73	6
McCracken	Paducah(AP)	0.14	28.94	2.17	3.29	-1.23	90	57	75	8
McLean	Calhoun(M)	1.39	24.71	3.04	-1.84	-0.30	87	55	70	2
Todd	Elkton(M)	3.19	28.47	5.59	1.19	2.23	87	55	70	3
Union	Morganfield(M)	0.72	20.60	1.09	-3.60	-2.05	89	56	72	6
Central KY										
Barren	Glasgow(M)	1.47	22.01	1.79	-5.61	-1.61	86	57	70	4
Breckinridge	Hardinsburg(M)	1.99	20.95	2.01	-6.18	-1.27	86	55	70	5
Clinton	Albany(M)	1.27	21.63	1.53	-7.91	-2.80	86	54	68	4
Hardin	Elizabethtown(M)	1.43	23.65	1.65	-3.48	-1.63	87	55	70	5
Hart	Munfordville(M)	1.58	24.69	2.01	-3.06	-1.66	85	57	70	2
Jefferson	Louisville(AP)	0.49	19.28	0.73	-6.52	-2.75	89	61	75	8
Taylor	Campbellsville(M)	0.93	17.65	1.14	-9.68	-2.52	88	55	70	5
Warren	Bowling_Green(AP)	1.58	21.71	2.22	-4.58	-1.17	89	57	73	6
Bluegrass										
Boone	Cinci./NKY(AP)	0.59	19.79	0.94	-4.63	-1.98	83	56	69	6
Boyle	Danville(M)	1.67	17.45	1.81	-10.23	-1.88	84	53	69	4
Fayette	Lexington(AP)	0.60	20.35	0.99	-6.84	-2.23	87	57	72	7
Franklin	Frankfort(M)	0.60	19.56	1.29	-5.74	-1.89	86	54	69	4
Madison	Richmond(M)	0.68	21.43	1.35	-6.25	-2.34	83	51	66	1
Mason	Maysville(M)	1.78	18.98	2.04	-7.11	-1.26	81	50	65	1
Eastern KY										
Breathitt	Jackson(AP)	0.19	25.41	1.83	-2.45	-1.39	81	57	68	3
Harlan	Harlan(M)	0.04	20.84	1.65	-6.79	-1.51	72	52	61	-3
Lawrence	Louisa(M)	0.01	17.96	1.92	-7.34	-1.19	85	55	68	5
Pike	Pikeville(M)	0.02	23.89	2.58	-1.41	-0.53	73	54	64	1
Pulaski	Somerset(M)	1.30	20.78	3.20	-6.90	-0.49	83	52	66	1
Rowan	Morehead(M)	0.62	21.70	1.22	-6.77	-2.41	81	51	65	2

Climate narrative and data table provided by 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