



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassfoemr@nass.usda.gov

In Cooperation with:

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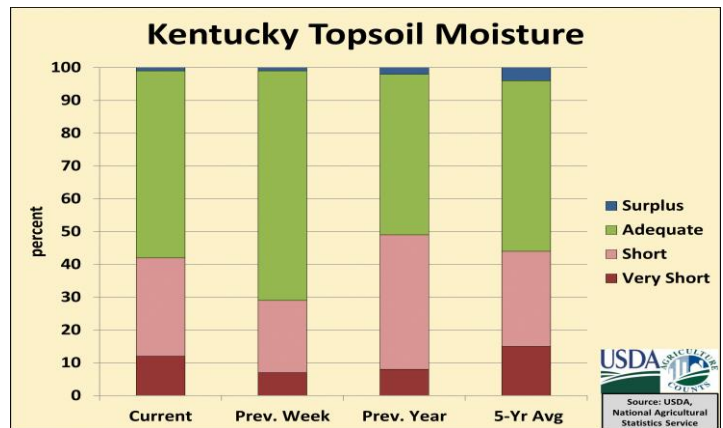
Agricultural News: Kentucky experienced well below normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.04 inches, 0.79 inches below normal. Temperatures averaged 51 degrees for the week, 7 degrees below normal. **Topsoil moisture** was rated 12 percent very short, 30 percent short, 57 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 11 percent very short, 30 percent short, 58 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 6.9 out of a possible seven.

Primary activities for this week included stripping tobacco, seeding winter wheat, and harvesting grain. Dry weather prevailed as temperatures cooled. The state has entered into another very dry period after heavy rain from Hurricane Helene several weeks ago. There was some light frost threatening crops that remain in the field. The grain harvest continues to forge ahead steadily. Eighty-two percent of corn has now been harvested. With 91 percent of soybeans dropping leaves, 54 percent of the crop is out of the field. Soybeans remain in mostly good condition overall, but the margin is small. The condition of housed tobacco has worsened with the current dry conditions affecting the curing process. Tobacco stripped, at 37 percent, is ahead of both last year and the five year average. Winter wheat is 35 percent seeded with 12 percent of the crop emerged.

Pastures need rain to boost fall grazing. Many farmers began supplementing with hay early due to extended drought and have concerns for winter stocks. Cooler temperatures will further slow re-growth and add pressure to an already impacted hay supply.

SOIL MOISTURE for week ending 10/20/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	12	30	57	1
Subsoil	11	30	58	1

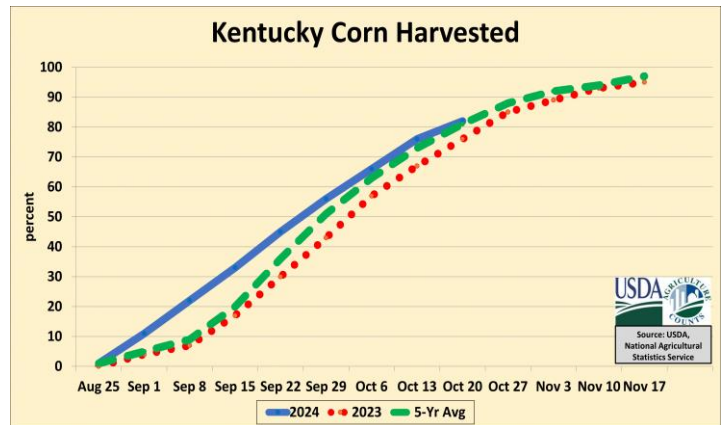
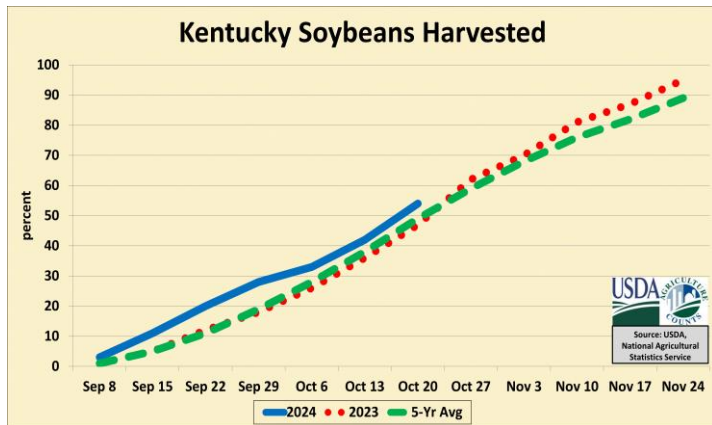


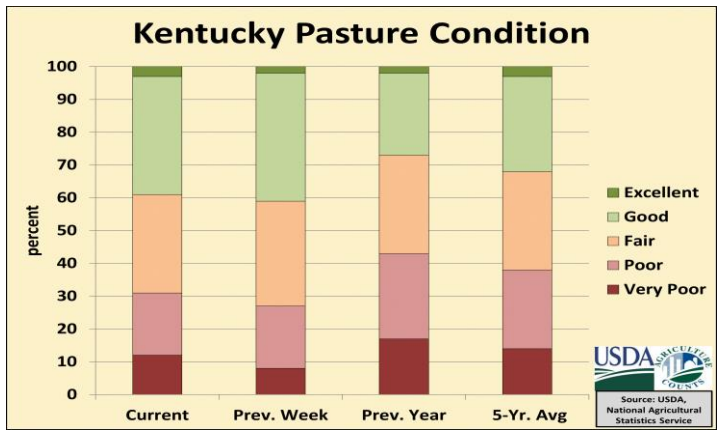
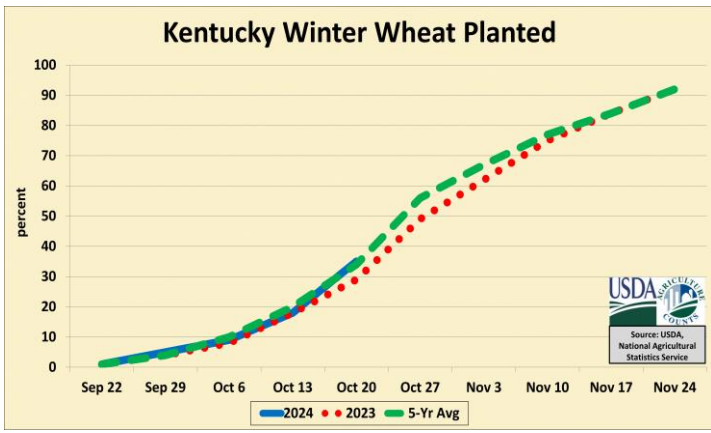
CROP PROGRESS for week ending 10/20/24

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	82	76	76	81
Soybeans Dropping Leaves	91	84	82	85
Soybeans Harvested	54	42	47	49
Tobacco Stripped	37	26	32	31
Winter Wheat Seeded	35	18	29	34
Winter Wheat Emerged	12	5	9	13

CROP CONDITIONS for week ending 10/20/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Soybeans	3	15	33	43	6
Pasture	12	19	30	36	3
Housed Tobacco	1	5	51	41	2





Kentucky Climate Summary
For the Period October 14, 2024 to October 20, 2024

Well Below Normal Temperatures and Much Below Normal Rainfall:

The region saw mostly dry conditions for a third consecutive week. The only notable precipitation occurred on Tuesday as a disturbance aloft produced isolated to scattered light showers, and in some spots, even brief pea-sized hail. Since the start of the month, data at Ag Weather Center shows the state has only averaged 0.07 inches. The main theme for the week, however, was the seasonably cool temperatures. Most of the state saw daytime highs struggle in the 50s, while nighttime lows consistently dipped into the 30s. Many areas recorded their first frost of the fall season. Thursday morning was the coldest with most hovering near the freezing mark. The National Weather Service issued frost advisories and freeze warnings, which will be the final ones of the season, as these alerts are only issued when agricultural interests are at risk. After several frosty nights this week and the overall lack of sensitive vegetation at this time of year, the decision was made to suspend these headlines until spring 2025. By the weekend, temperatures gradually began to climb, reaching the 70s on Sunday under continued dry weather.

Temperatures for the period averaged 51 degrees across the state which was 7 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 63 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. Low temperatures averaged from 38 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 9 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. The extreme high temperature for the period was 81 degrees at MONTICELLO AWOS and the extreme low was 26 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.04 inches statewide which was 0.79 inches below normal and 5% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.01 inches, Bluegrass 0.04 inches and East 0.09 inches, which was 0.89, 0.85, 0.77 and 0.66 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 0.40 inches at PIKEVILLE 13S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/20/24 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)	0.00	27.25	5.86	-1.13	2.19	75	32	51	-8
Christian	Hopkinsville(M)	0.00	30.71	5.82	1.11	2.36	74	35	53	-5
Daviess	Owensboro(AP)	0.00	24.55	4.40	-1.82	1.17	75	34	53	-5
Fulton	Hickman(M)	0.00	33.82	4.89	5.72	1.24	75	31	52	-6
Marshall	Benton(M)	0.00	33.14	6.16	1.68	2.44	75	33	52	-6
McCracken	Paducah(AP)	0.00	32.22	6.53	4.12	2.88	77	33	54	-4
McLean	Calhoun(M)	0.00	34.37	5.18	5.31	1.46	74	31	50	-10
Todd	Elkton(M)	0.00	36.12	5.84	6.52	2.38	76	29	49	-9
Union	Morganfield(M)	0.00	31.02	7.42	4.65	4.19	77	32	53	-5
Central KY										
Barren	Glasgow(M)	0.00	35.94	6.19	6.02	2.70	74	32	50	-8
Breckinridge	Hardinsburg(M)	0.00	32.01	4.69	2.37	1.04	74	30	49	-8
Clinton	Albany(M)	0.04	29.42	3.46	-2.10	0.10	72	30	49	-6
Hardin	Elizabethtown(M)	0.00	27.41	5.89	-2.23	2.24	74	31	50	-7
Hart	Munfordville(M)	0.00	32.46	5.83	2.37	2.35	74	31	50	-10
Jefferson	Louisville(AP)	0.05	26.51	5.29	-1.64	1.75	76	38	54	-5
Taylor	Campbellsville(M)	0.00	31.06	6.31	1.40	2.81	73	30	49	-8
Warren	Bowling_Green(AP)	0.00	30.49	4.80	1.94	1.44	76	36	54	-5
Bluegrass										
Boone	Cinci./NKY(AP)	0.01	22.74	5.70	-3.72	2.73	73	33	51	-4
Boyle	Danville(M)	0.06	26.70	4.66	-3.22	1.21	71	32	48	-9
Fayette	Lexington(AP)	0.17	27.06	5.44	-2.39	2.11	74	34	51	-5
Franklin	Frankfort(M)	0.08	24.79	4.37	-2.73	1.07	73	31	49	-7
Madison	Richmond(M)	0.04	26.33	3.95	-3.59	0.50	71	30	48	-9
Mason	Maysville(M)	0.02	26.05	5.62	-2.04	2.56	72	33	49	-6
Eastern KY										
Breathitt	Jackson(AP)	0.09	23.93	4.31	-6.07	1.10	74	36	52	-5
Harlan	Harlan(M)	0.25	32.84	10.43	3.16	7.27	64	30	45	-11
Lawrence	Louisa(M)	0.10	20.80	4.82	-6.46	1.89	75	32	50	-5
Pike	Pikeville(M)	0.32	26.30	5.98	-0.96	3.05	66	34	48	-7
Pulaski	Somerset(M)	0.00	33.09	3.26	3.17	-0.19	72	28	47	-10
Rowan	Morehead(M)	0.05	32.58	4.56	2.03	1.35	72	31	49	-6

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