



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:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: November 25, 2024

Issue: 39-24

This is the last issue of the 2024 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 6, Feb 3, Mar 3, & Mar 31). Publication of the 2025 weekly series will begin the first week of April.

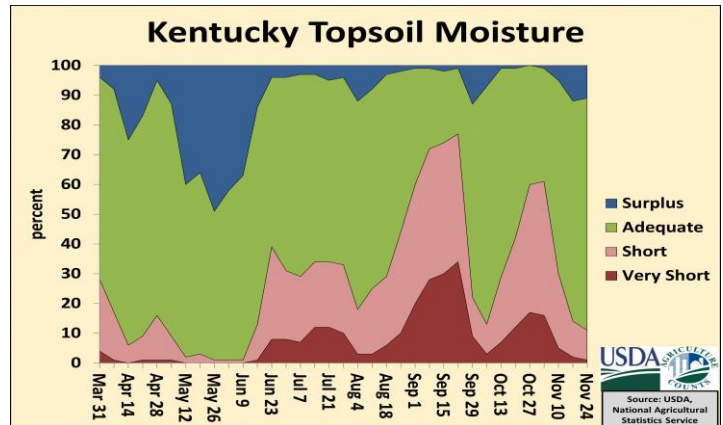
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled .52 inches, 0.36 inches below normal. Temperatures averaged 48 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 78 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 2 percent very short, 23 percent short, 66 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

Primary activities this week included harvesting soybeans, seeding winter wheat, and stripping tobacco. Weather was highly variable this week. The start of the week saw warmer temperatures and some rainfall. Cold fronts began to move in on Wednesday causing temperatures to drop. This was followed by a heavy frost as well as some snowfall, which was mainly concentrated in the central and eastern parts of Kentucky. The weekend saw a return of more moderate temperatures. The soybean harvest continued between the precipitation, and is now at 93% complete. Planting of winter wheat is also at 93% complete, with 78% of the crop having now emerged. The condition of winter wheat is mostly good, with 79% being rated as good or excellent, compared to 81% for the five-year average.

Pasture conditions have deteriorated from last week, with 41% rated good or excellent compared to 46% last week. With many areas receiving their first heavy frost last week, most producers have begun to feed hay. Hay and roughage supplies were reported as 6% very short, 20% short, 67% adequate, and 7% surplus. Livestock condition was rated as 1% very poor, 3% poor, 18% fair, 67% good, and 11% excellent this week.

SOIL MOISTURE for week ending 11/24/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	78	11
Subsoil	2	23	66	9



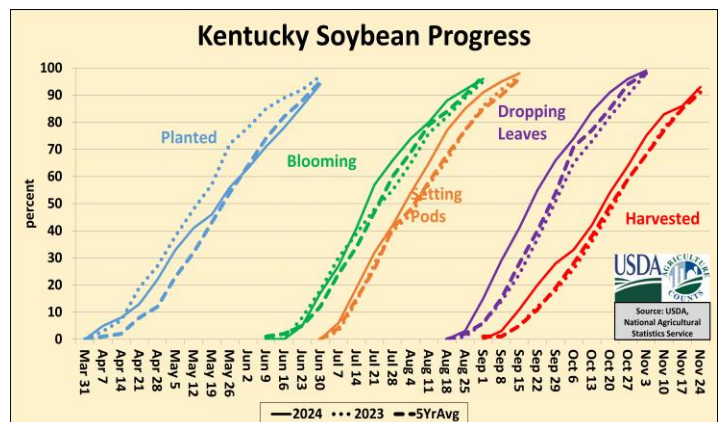
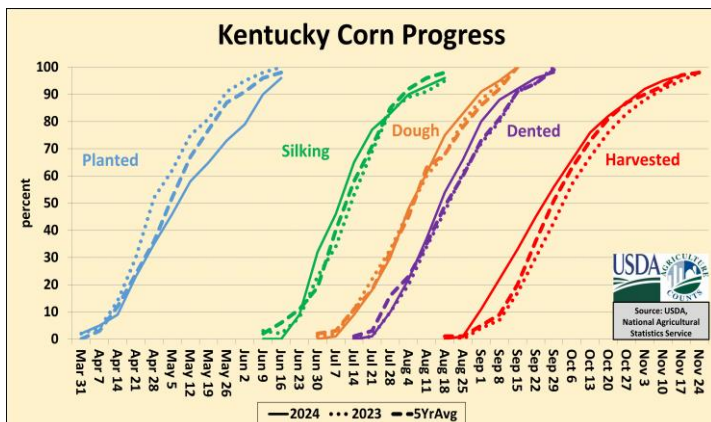
CROP PROGRESS for week ending 11/24/24

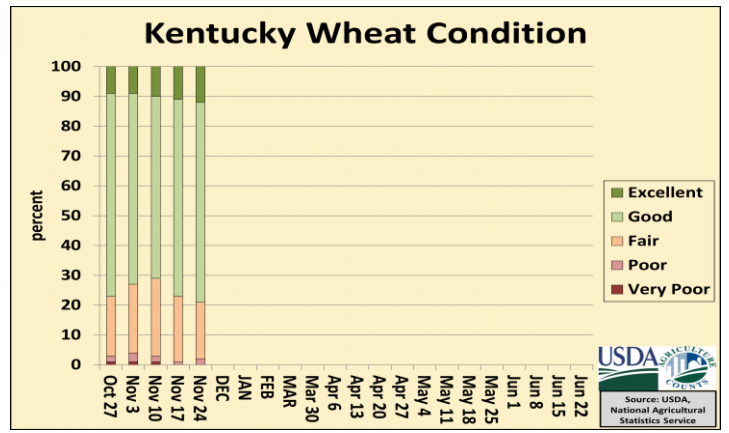
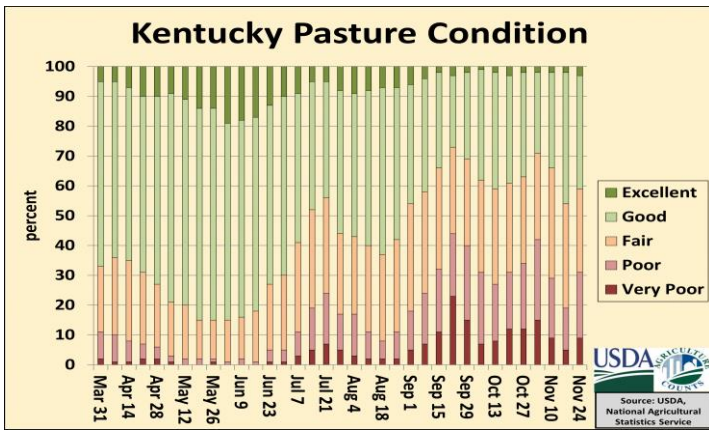
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Soybeans Harvested	93	86	93	91
Tobacco Stripped	71	64	74	69
Winter Wheat Seeded	93	83	89	91
Winter Wheat Emerged	78	67	72	70

CROP CONDITIONS for week ending 11/24/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	3	18	67	11
Pasture	9	22	28	38	3
Wheat	0	2	19	67	12

-1 Shown when data not available.





Kentucky Climate Summary
For the Period November 18, 2024 to November 24, 2024

Above Normal Temperatures Below and Rainfall:

The Bluegrass State saw another active week, though with lighter accumulations compared to recent weeks. Kentucky also experienced its first wintry weather of the season. Most of the rain fell on Monday night into Tuesday, accompanied by a fairly warm air mass. Following a couple cold fronts, temperatures dropped significantly for the latter half of the workweek. Another disturbance moved through the state on Thursday, bringing light snow accumulations across primarily the eastern half of Kentucky, mainly on grassy and elevated surfaces. Some areas saw over an inch. Temperatures were well below normal on Friday, staying in the 40s, but moderated closer to seasonal norms by Sunday.

Temperatures for the period averaged 48 degrees across the state which was 3 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 58 in the West to 55 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 43 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 75 degrees at PRINCETON 2SE and the extreme low was 25 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 0.53 inches statewide which was 0.36 inches below normal and 60% of normal. Precipitation totals by climate division, West 0.30 inches, Central 0.36 inches, Bluegrass 0.54 inches and East 0.91 inches, which was -0.68, -0.58, -0.26 and 0.08 inches respectively from normal. By station, precipitation totals ranged from a low of 0.09 inches at FRANKLIN 4SW to a high of 1.51 inches at HINDMAN 5N.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/24/24 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.*
		<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)	0.38	36.05	8.73	3.12	5.09	75	32	49	2
Christian	Hopkinsville(M)	0.37	39.17	8.45	5.19	4.94	70	36	50	4
Daviess	Owensboro(AP)	0.18	32.88	8.31	2.11	4.74	71	34	50	5
Fulton	Hickman(M)	0.16	39.01	5.19	6.30	1.47	73	29	50	4
Marshall	Benton(M)	0.43	39.94	6.73	3.41	2.64	72	30	49	3
McCracken	Paducah(AP)	0.29	37.83	5.54	5.12	1.82	74	33	53	7
McLean	Calhoun(M)	0.24	44.64	10.27	10.91	6.52	71	31	48	1
Todd	Elkton(M)	0.50	41.41	5.29	7.43	1.78	72	31	47	1
Union	Morganfield(M)	0.20	35.41	4.35	4.64	0.78	72	33	49	4
Central KY										
Barren	Glasgow(M)	0.23	39.74	3.73	5.75	0.48	70	32	48	3
Breckinridge	Hardinsburg(M)	0.36	39.85	7.84	5.79	4.33	71	32	47	3
Clinton	Albany(M)	0.68	31.90	2.41	-3.65	-0.95	72	30	48	5
Hardin	Elizabethtown(M)	0.30	32.55	5.14	-1.51	1.63	67	29	46	2
Hart	Munfordville(M)	0.42	35.49	3.00	0.95	-0.60	70	29	48	0
Jefferson	Louisville(AP)	0.73	33.58	7.07	1.54	3.98	72	34	51	5
Taylor	Campbellsville(M)	0.51	34.45	3.38	0.72	0.10	70	30	47	2
Warren	Bowling_Green(AP)	0.17	34.44	3.92	1.80	0.64	73	32	51	5
Bluegrass										
Boone	Cinci./NKY(AP)	0.68	26.92	4.15	-3.29	1.17	66	30	47	5
Boyle	Danville(M)	0.27	30.80	4.10	-2.99	0.98	67	32	47	1
Fayette	Lexington(AP)	0.46	30.59	3.53	-2.75	0.46	69	32	49	5
Franklin	Frankfort(M)	0.46	28.47	3.68	-2.97	0.60	68	30	47	3
Madison	Richmond(M)	0.79	31.06	4.71	-2.73	1.59	67	30	46	0
Mason	Maysville(M)	0.41	29.07	3.02	-2.67	0.10	67	30	47	4
Eastern KY										
Breathitt	Jackson(AP)	1.38	27.13	3.16	-6.71	0.09	67	31	48	2
Harlan	Harlan(M)	1.39	36.49	3.65	3.25	0.79	57	20	39	-4
Lawrence	Louisa(M)	1.00	23.46	2.65	-7.24	-0.07	68	32	46	3
Pike	Pikeville(M)	1.16	29.77	3.41	-0.93	0.69	60	24	42	0
Pulaski	Somerset(M)	0.82	36.48	3.33	2.69	0.21	68	29	45	0
Rowan	Morehead(M)	0.78	36.93	4.32	2.66	1.38	66	31	46	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