



# 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

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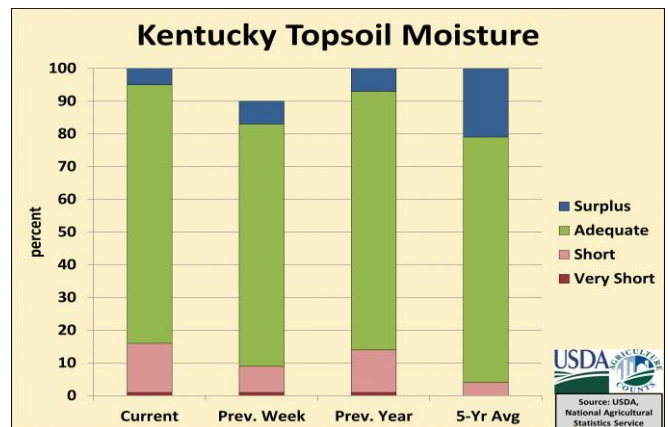
**Agricultural News:** Kentucky experienced near normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled .18 inches, 1.05 inches below normal. Temperatures averaged 60 degrees for the week, close to normal. **Topsoil moisture** was rated 1 percent very short, 15 percent short, 79 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 1 percent very short, 14 percent short, 79 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities for the week included seeding tobacco transplants and planting of corn and soybeans. Dry weather allowed for planting to proceed normally, corn acres are at 35 percent planted, and soybean acres are at 22 percent planted. Both crops are in line with the five-year averages for this time. Despite mostly warmer temperatures, small patches of the state were impacted by light frosts early in the week. Seeding of tobacco transplants is wrapping up, with 85 percent of plants seeded. Forty percent of tobacco transplants were under 2 inches, with 46 percent between 2-4 inches, and 14 percent over 4 inches. Winter wheat is at 38 percent headed, 6 percent above the five-year average. The average height of winter wheat was 23 inches. Conditions have also been favorable for strawberries, with 1 percent very poor, 2 percent poor, 26 percent fair, 65 percent good, and 6 percent excellent.

Pasture conditions continue to remain in generally good conditions even without much rainfall in the past week. The warmer temperatures this spring have greatly assisted in forage growth. This is also reflected in the livestock conditions, with 1 percent reported as very poor, 3 percent as poor, 21 percent as fair, 62 percent as good, and 14 percent as excellent. Hay supplies are currently reported as 12 percent very short, 23 percent short, 61 percent adequate, and 4 percent surplus. Average height of alfalfa was 15 inches.

**SOIL MOISTURE for week ending 04/28/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	15	79	5
Subsoil	1	14	79	6



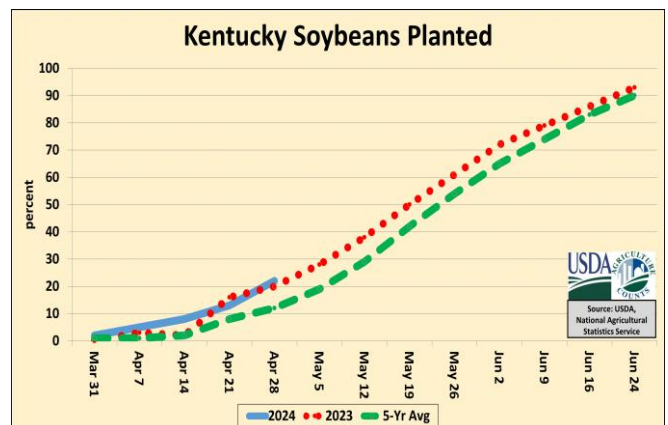
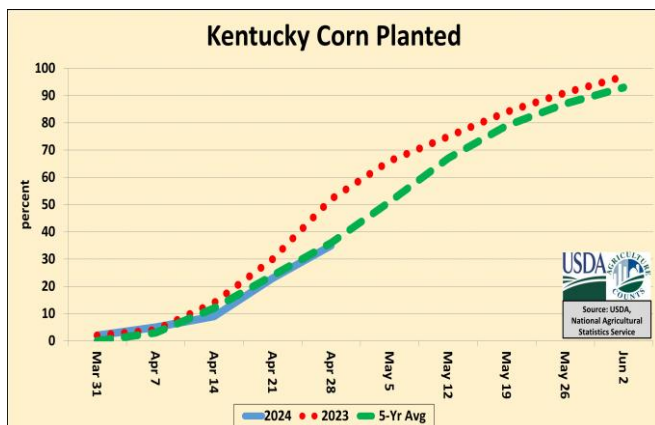
**CROP PROGRESS for week ending 04/28/24**

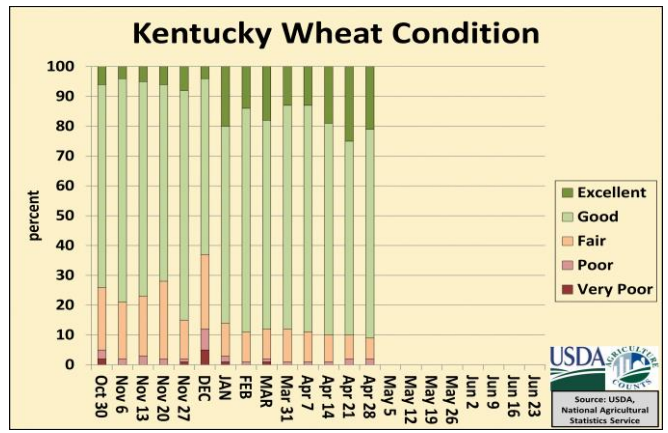
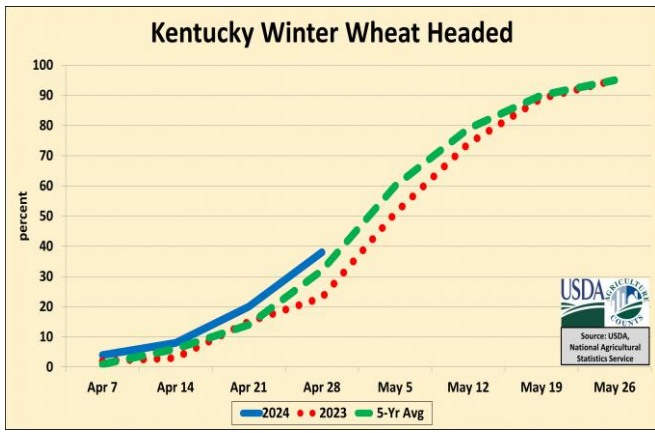
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	35	23	47	38
Corn Emerged	15	8	21	14
Soybeans Planted	22	13	25	15
Tobacco Transplants Seeded	85	81	91	89
Winter Wheat Headed	38	20	34	32

**CROP CONDITIONS for week ending 04/28/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	2	4	21	66	7
Livestock	1	3	21	61	14
Pasture	2	4	21	63	10
Strawberries	1	2	26	65	6
Tobacco Transplants	-	1	12	82	5
Wheat	-	2	7	70	21

- Represents zero.





**Kentucky Climate Summary  
For the Period April 22, 2024 to April 28, 2024**

Near Normal Temperatures and Much Below Normal Rainfall:

Kentucky saw a fairly dry week, with the state only averaging 0.18 inches, most of which fell on Tuesday night. The highest totals were seen in the Purchase area, on the order of a quarter to half inch+. Otherwise, many struggled to even see a tenth of an inch across the rest of Kentucky. The larger focus was on temperatures. The period opened with a bout of frosty temperatures on Monday morning, with most areas hitting the low to middle 30s. Temperatures then ran near to slightly below normal for much of the workweek before taking a major turn upward over the weekend. Highs were warmest on Sunday when most reached the low to middle 80s, roughly 10 degrees above normal for this time of year.

Temperatures for the period averaged 60 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 73 in the West to 72 in the East. Departure from normal high temperatures were near normal across the state. Low temperatures averaged from 51 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to near normal in the East. The extreme high temperature for the period was 86 degrees at LOUISA 1S and the extreme low was 28 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.18 inches statewide which was 1.05 inches below normal and 15% of normal. Precipitation totals by climate division, West 0.40 inches, Central 0.14 inches, Bluegrass 0.07 inches and East 0.10 inches, which was 0.94, 1.14, 1.1 and 1.03 inches below normal. By station, precipitation totals ranged from a low of 0.01 inches at BIG SANDY to a high of 0.98 inches at MURRAY 1W.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/28/24 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures				2" Weekly Soil Temps		
		Last Week	Since Jan 1	Last Four Wks.	Norm. Since Jan 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.*	Hi	Lo	Avg
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	0.15	12.27	2.77	-5.12	-2.00	82	32	61	0			
Christian	Hopkinsville(M)	0.15	12.98	2.79	-3.86	-1.68	82	36	62	1	73	57	66
Daviess	Owensboro(AP)	0.07	11.85	4.17	-3.58	-0.40	83	37	63	2			
Fulton	Hickman(M)	0.61	16.12	2.93	-1.27	-1.87	83	34	63	1			
Marshall	Benton(M)	0.18	12.05	2.46	-8.28	-2.73	81	31	62	0	71	56	64
McCracken	Paducah(AP)	0.26	14.75	2.06	-2.64	-2.74	83	35	64	2			
McLean	Calhoun(M)	0.12	14.58	5.31	-3.45	0.51	80	34	60	-3	76	48	64
Todd	Elkton(M)	0.21	13.68	3.70	-3.16	-0.77	82	30	62	1			
Union	Morganfield(M)	0.10	12.25	3.40	-3.18	-1.17	82	35	62	1			
<b>Central KY</b>													
Barren	Glasgow(M)	0.05	14.41	3.02	-3.11	-1.57	79	32	61	1			
Breckinridge	Hardinsburg(M)	0.03	16.28	5.09	-0.68	0.19	80	33	60	0	70	53	63
Clinton	Albany(M)	0.28	18.31	3.41	-2.01	-1.35	80	32	60	2	75	53	65
Hardin	Elizabethtown(M)	0.04	16.31	4.04	-0.65	-0.86	80	32	59	0	66	54	60
Hart	Munfordville(M)	0.15	16.75	3.95	-1.22	-0.62	79	33	59	-4	68	55	61
Jefferson	Louisville(AP)	0.19	14.48	4.14	-1.50	-0.30	83	39	63	1			
Taylor	Campbellsville(M)	0.11	18.26	4.77	1.26	0.42	80	32	58	-2			
Warren	Bowling_Green(AP)	0.19	14.26	3.28	-2.61	-1.19	83	36	64	2			
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.04	14.34	3.85	-0.63	-0.36	81	32	58	0			
Boyle	Danville(M)	0.03	18.10	5.26	1.80	0.99	80	30	58	-2	79	49	65
Fayette	Lexington(AP)	0.06	17.92	3.76	2.13	-0.34	83	31	60	1			
Franklin	Frankfort(M)	0.13	16.89	4.51	1.14	0.28	80	30	58	-1	69	53	60
Madison	Richmond(M)	0.02	16.68	4.55	0.38	0.28	83	30	57	-3			
Mason	Maysville(M)	0.09	15.05	4.19	-1.20	-0.14	81	31	56	0	65	51	58
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.02	16.36	2.92	-0.74	-1.30	83	33	60	0			
Harlan	Harlan(M)	0.13	18.57	4.07	1.58	-0.11	70	27	50	-8	71	47	56
Lawrence	Louisa(M)	0.03	15.33	3.46	0.68	-0.09	86	29	58	0			
Pike	Pikeville(M)	0.14	14.02	3.65	-0.63	0.10	81	33	57	0			
Pulaski	Somerset(M)	0.06	16.44	3.20	0.14	-1.07	81	30	57	-3			
Rowan	Morehead(M)	0.05	17.36	4.74	1.15	0.39	82	29	57	0			

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](http://weather.uky.edu/climate_normals.php)