



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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Cooperative Extension Service

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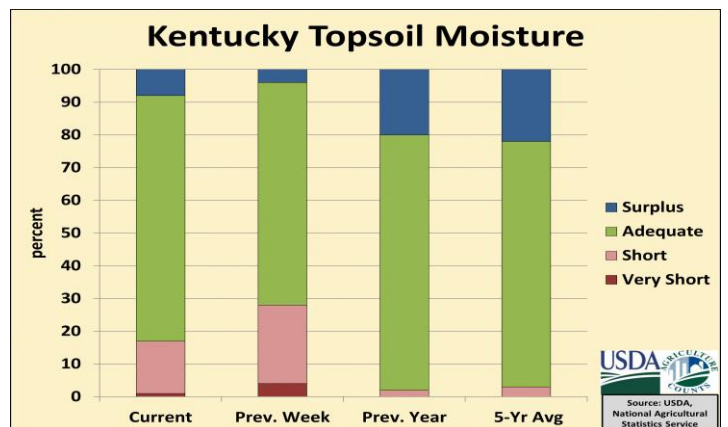
**Agricultural News:** Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.16 inches, 0.15 inches above normal. Temperatures averaged 53 degrees for the week, near normal. **Topsoil moisture** was rated 1 percent very short, 16 percent short, 75 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 1 percent very short, 21 percent short, 73 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven.

Primary activities for this week included preparing fields for planting and seeding tobacco transplants. The week began with severe weather in parts of the state. This weather pattern included damaging winds and tornadic activity. With some heavy rain, several areas were downgraded to moderate drought by the U.S. monitor. As the week progressed, cold weather moved in leading to a frost advisory. Possible freeze damage will be assessed in the coming weeks. Early planting of corn and soybeans is underway, however weather proved an impediment. Seeding of tobacco transplants, at 48 percent, continues to pace with last year. Winter wheat condition remains mostly good with 4 percent of the crop headed. The average height of winter wheat is 12 inches. Thirty-four percent of peaches are in bloom. Apples in bloom are at 33 percent.

Pasture condition remains mostly good, but has deteriorated as a result of recent weather. Grazing ground will begin steady rejuvenation as weather stabilizes.

**SOIL MOISTURE for week ending 04/07/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	16	75	8
Subsoil	1	21	73	5



**CROP PROGRESS for week ending 04/07/24**

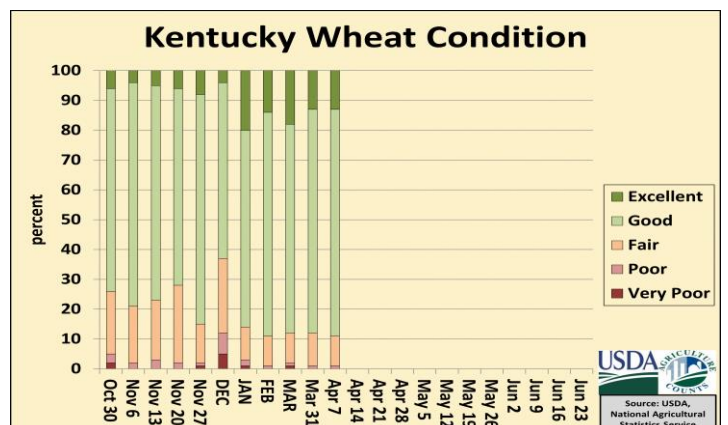
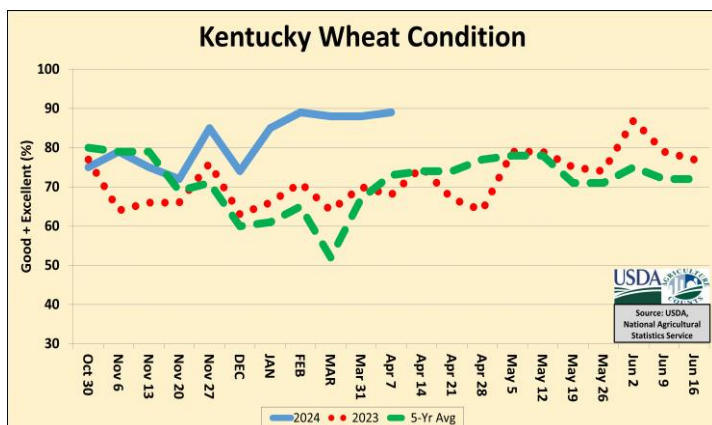
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	33	-1	-1	-1
Corn Planted	5	2	4	3
Peaches Blooming	34	-1	-1	-1
Soybeans Planted	5	2	3	1
Tobacco Transplants Seeded	48	35	47	51
Winter Wheat Headed	4	1	2	1

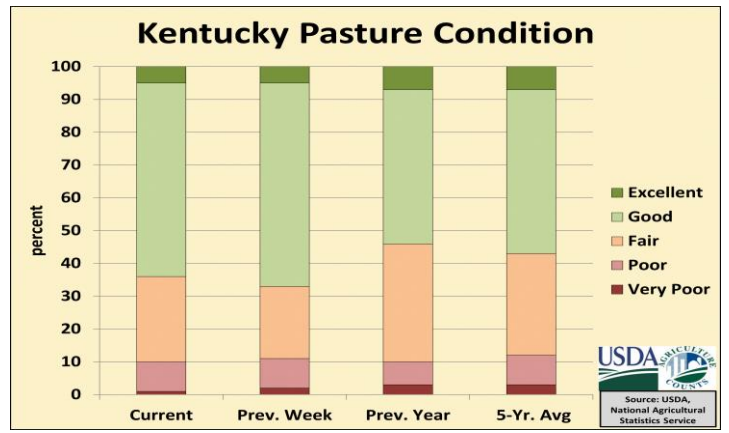
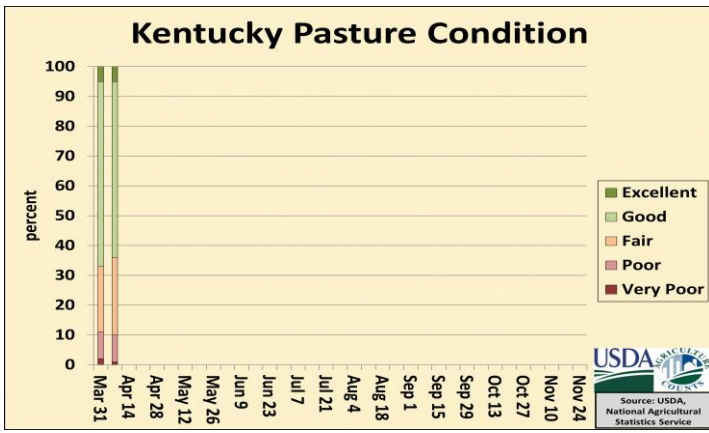
-1 Represents data not available.

**CROP CONDITIONS for week ending 04/07/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	9	26	59	5
Wheat	-	1	10	76	13

- Represents zero.





**Kentucky Climate Summary**  
**For the Period April 1, 2024 to April 7, 2024**

Near Normal Temperatures and Above Normal Rainfall:

The first half of the week was an active one for the Bluegrass State, producing a couple rounds of severe weather. While damaging winds were the main hazard, several tornadoes were confirmed across the Bluegrass Region and Western KY, ranging from EF-0 to EF-2. This event was the main source of rain for the week, with the state averaging 1.16 inches. Totals were highest across the eastern half of the state, where some areas saw 2+ inches. Unfortunately, these numbers diminished to the west, with much of the Purchase recording less than half an inch. Portions of this area and counties along the Ohio River into Henderson County were downgraded to a Moderate Drought by the U.S. Drought Monitor last Thursday. Following the severe weather to start the period, a strong cold front led to a cold spell for the second half of the workweek. The first freeze warnings and frost advisories of the spring season were even issued on Saturday morning as temperatures dipped into the upper 20s to mid-30s.

Temperatures for the period averaged 53 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 64 in the West to 61 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 45 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 83 degrees at BOONEVILLE 2S and the extreme low was 26 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 1.16 inches statewide which was 0.15 inches above normal and 115% of normal. Precipitation totals by climate division, West 0.65 inches, Central 1.22 inches, Bluegrass 1.76 inches and East 1.02 inches, which was -0.40, 0.19, 0.79 and 0.02 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at POPLAR BLUFF ASOS to a high of 3.58 inches at OWINGSVILLE 4S.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 04/07/24 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	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	0.54	10.04	1.23	-3.62	-2.97	78	30	53	-2			
Christian	Hopkinsville(M)	0.36	10.55	1.04	-2.89	-3.27	78	31	52	-1	69	52	60
Daviess	Owensboro(AP)	0.81	8.49	1.15	-3.34	-2.84	80	31	53	0			
Fulton	Hickman(M)	0.08	13.27	1.81	-0.35	-2.30	80	32	55	0			
Marshall	Benton(M)	0.84	10.43	1.79	-5.89	-3.03	80	29	54	-1	65	50	58
McCracken	Paducah(AP)	0.18	12.87	1.90	-0.75	-2.21	81	33	57	2			
McLean	Calhoun(M)	1.13	10.40	1.66	-3.97	-2.97	78	30	51	-5	72	40	55
Todd	Elkton(M)	1.24	11.22	2.25	-2.22	-2.06	76	29	51	-2			
Union	Morganfield(M)	0.69	9.54	1.28	-2.29	-2.71	80	31	52	-1			
<b>Central KY</b>													
Barren	Glasgow(M)	1.56	12.95	2.65	-1.02	-1.41	76	31	52	0			
Breckinridge	Hardinsburg(M)	0.90	12.09	2.28	-1.02	-1.73	79	28	51	0	68	47	57
Clinton	Albany(M)	0.92	15.82	2.42	-0.81	-2.30	78	30	52	1	69	46	57
Hardin	Elizabethtown(M)	0.59	12.86	1.38	-0.25	-2.63	77	31	51	0	62	47	54
Hart	Munfordville(M)	1.61	14.41	3.23	0.00	-1.06	76	34	52	-4	63	49	56
Jefferson	Louisville(AP)	0.93	11.27	1.86	-1.27	-2.22	81	37	55	0			
Taylor	Campbellsville(M)	1.41	14.90	2.53	1.25	-1.72	77	30	52	0			
Warren	Bowling_Green(AP)	1.68	12.66	2.39	-0.73	-1.61	78	32	55	0			
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	1.54	12.03	2.71	0.31	-1.09	74	31	49	0			
Boyle	Danville(M)	2.80	15.64	4.05	2.65	-0.09	78	28	51	-2	68	42	55
Fayette	Lexington(AP)	1.06	15.22	2.59	2.59	-1.34	78	35	54	2			
Franklin	Frankfort(M)	1.05	13.43	2.24	0.95	-1.90	77	29	51	-1	62	47	55
Madison	Richmond(M)	1.91	14.04	2.89	1.05	-1.25	78	29	51	-2			
Mason	Maysville(M)	2.54	13.40	4.63	0.48	0.39	76	30	50	1	62	47	54
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.68	14.12	1.67	0.22	-2.52	81	34	53	0			
Harlan	Harlan(M)	1.33	15.83	3.17	1.93	-1.03	66	24	42	-9	58	39	49
Lawrence	Louisa(M)	2.00	13.87	3.48	1.92	-0.28	82	28	51	0			
Pike	Pikeville(M)	0.97	11.34	2.24	-0.61	-1.52	77	29	48	-2			
Pulaski	Somerset(M)	1.32	14.56	2.75	1.57	-1.39	78	30	52	-1			
Rowan	Morehead(M)	2.71	15.33	4.44	2.47	0.38	77	29	50	0			

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, 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)