



# 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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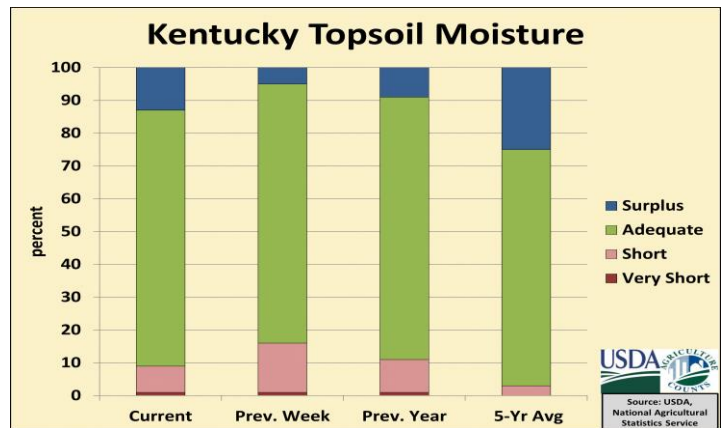
**Agricultural News:** Kentucky experienced well above normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.43 inches, 0.19 inches above normal. Temperatures averaged 70 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 8 percent short, 78 percent adequate, and 13 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 81 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible seven.

Primary activities for this week included planting corn and soybeans along with the start of tobacco setting. The majority of the state received rain this past week. With that said, there are still a couple of areas that are running below normal and are classified on the U.S. Drought Monitor. Planting continues steady progress even as rain events pause field activity intermittently for many. Both corn and soybeans are on pace with recent history in terms of progress. Steady planting progress was made this week for both corn and soybeans keeping both crops on pace with previous years. Twenty-five percent of planted corn has emerged while 7 percent of soybeans have reached that stage. Tobacco setting is just getting started with 2 percent in the ground. The average height of transplants is rated as 17 percent less than two inches, 43 percent 2-4 inches, and 40 percent larger than 4 inches. Transplant supplies are adequate at this juncture. Winter wheat headed is at 66 percent as the crop remains in mostly good condition.

Pasture condition has improved slightly with warm temperatures and sufficient rainfall prevalent this past week. The recent weather will provide a solid start for hay crops as well.

**SOIL MOISTURE for week ending 05/05/24**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	8	78	13
Subsoil	1	9	81	9



**CROP PROGRESS for week ending 05/05/24**

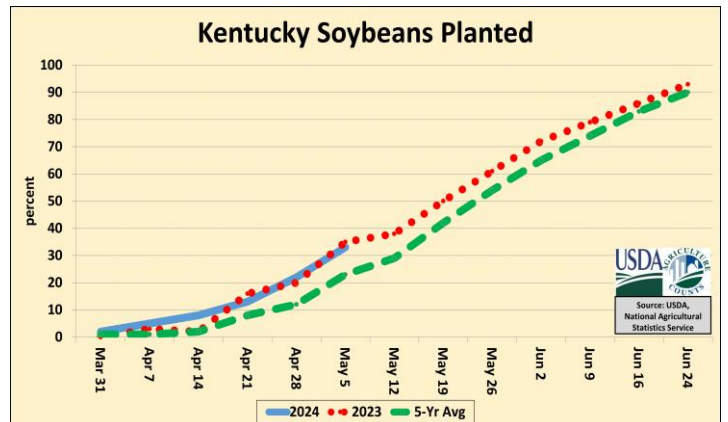
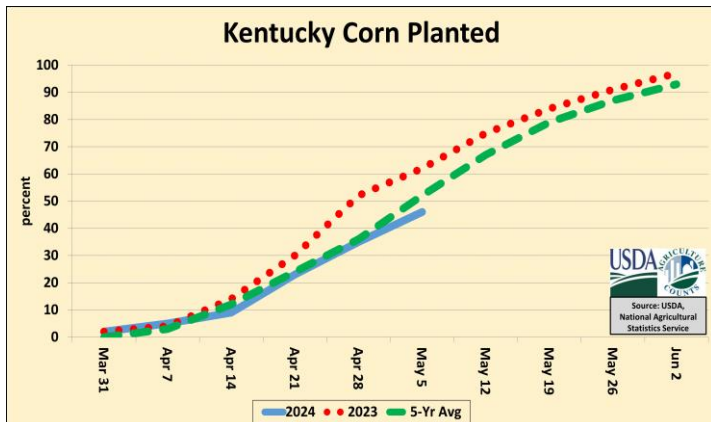
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	46	35	62	52
Corn Emerged	25	15	33	26
Soybeans Planted	33	22	35	23
Soybeans Emerged	7	-1	11	7
Tobacco Set	2	-1	-1	-1
Winter Wheat Headed	66	38	60	57

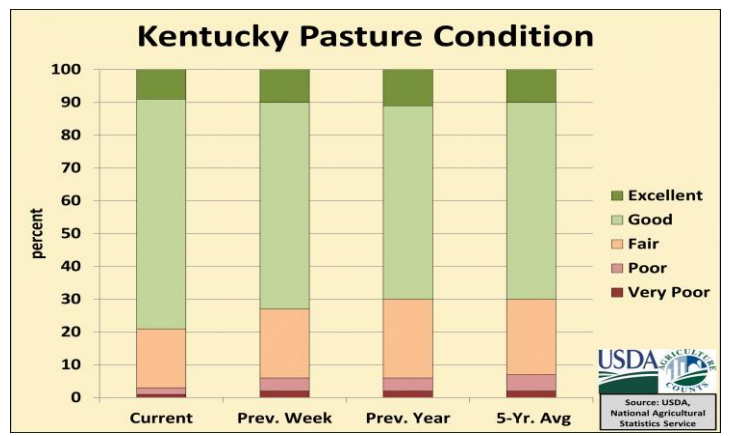
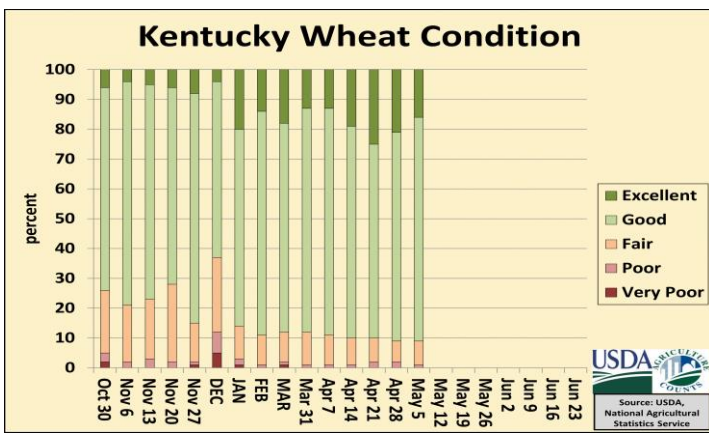
- 1 Represents not available.

**CROP CONDITIONS for week ending 05/05/24**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	2	18	70	9
Wheat	-	1	8	75	16

- Represents zero.





**Kentucky Climate Summary**  
**For the Period April 19, 2024 to May 5, 2024**

Well Above Normal Temperatures and Above Normal Rainfall:

The state saw quite the active pattern this past week, which led to multiple opportunities for rainfall. Absent of some areas across Southeastern KY, most everyone recorded at least an inch for the period. Totals were maximized throughout Central and West-Central KY, where many saw 2+. This still wasn't enough to fix some long-term deficits across portions of Western and SE KY, which are running 1-2+ inches below normal over the past 30 days. These areas still find themselves in the 'abnormally dry' or 'moderate drought' categories on the U.S. Drought Monitor. Outside of precipitation, it was a very mild week for May standards. The state saw numerous days hit the 80s, topping out in the mid to upper 80s on Thursday. The weekend brought an even more summerlike pattern with humid conditions in place.

Temperatures for the period averaged 70 degrees across the state which was 8 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 79 in the West to 79 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. Low temperatures averaged from 61 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at PEABODY and the extreme low was 48 degrees at MOREHEAD 4NE.

Precipitation (liq. equ.) for the period totaled 1.43 inches statewide which was 0.19 inches above normal and 115% of normal. Precipitation totals by climate division, West 1.44 inches, Central 2.22 inches, Bluegrass 1.05 inches and East 1.01 inches, which was 0.11, 0.90, -0.16 and -0.09 inches respectively from normal. By station, precipitation totals ranged from a low of 0.45 inches at JACKSON 3SE to a high of 3.52 inches at EDMONTON 5W.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 05/05/24 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)	1.42	13.69	3.65	-4.98	-1.36	84	56	70	6			
Christian	Hopkinsville(M)	2.55	15.53	4.98	-2.56	0.33	84	56	69	5	78	66	72
Daviess	Owensboro(AP)	1.30	13.15	4.66	-3.55	-0.21	87	58	72	9			
Fulton	Hickman(M)	0.90	17.02	3.75	-1.66	-1.31	85	55	69	5			
Marshall	Benton(M)	1.63	13.68	3.25	-8.00	-2.11	84	58	70	6	75	65	70
McCracken	Paducah(AP)	1.17	15.92	3.05	-2.76	-2.01	87	58	72	8			
McLean	Calhoun(M)	1.46	16.04	5.64	-3.20	0.77	84	54	69	3	84	62	73
Todd	Elkton(M)	1.86	15.54	4.32	-2.55	-0.33	83	53	69	5			
Union	Morganfield(M)	1.55	13.80	4.26	-2.90	-0.61	86	56	70	7			
<b>Central KY</b>													
Barren	Glasgow(M)	2.03	16.44	3.49	-2.34	-1.32	84	54	69	7			
Breckinridge	Hardinsburg(M)	2.23	18.51	6.42	0.10	1.12	85	54	69	7	78	64	71
Clinton	Albany(M)	1.72	20.03	4.21	-1.60	-0.79	85	50	68	8	79	62	71
Hardin	Elizabethtown(M)	1.72	18.03	5.17	-0.38	-0.13	85	51	69	7	72	62	67
Hart	Munfordville(M)	2.08	18.83	4.42	-0.42	-0.42	84	52	69	3	71	62	67
Jefferson	Louisville(AP)	1.49	15.97	4.70	-1.30	-0.03	88	59	73	9			
Taylor	Campbellsville(M)	2.95	21.21	6.31	2.88	1.63	85	51	68	6			
Warren	Bowling_Green(AP)	2.40	16.66	4.00	-1.45	-0.72	87	56	72	8			
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	0.90	15.24	3.21	-0.87	-1.18	85	51	69	9			
Boyle	Danville(M)	1.53	19.63	3.99	2.10	-0.55	85	52	68	6	85	62	72
Fayette	Lexington(AP)	0.78	18.70	3.48	1.71	-0.88	86	53	71	9			
Franklin	Frankfort(M)	0.81	17.70	4.27	0.72	-0.23	85	50	68	6	75	63	69
Madison	Richmond(M)	0.92	17.60	3.56	0.07	-0.98	86	49	68	6			
Mason	Maysville(M)	0.79	15.84	2.44	-1.54	-2.02	84	51	68	9	69	59	64
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	0.46	16.82	2.70	-1.45	-1.67	88	55	70	7			
Harlan	Harlan(M)	0.52	19.09	3.26	0.94	-0.99	89	51	64	3	71	52	36
Lawrence	Louisa(M)	1.26	16.59	2.72	0.96	-0.96	88	53	69	9			
Pike	Pikeville(M)	1.30	15.32	3.98	-0.31	0.30	84	55	66	6			
Pulaski	Somerset(M)	1.45	17.89	3.33	0.36	-1.21	85	47	66	4			
Rowan	Morehead(M)	1.57	18.93	3.60	1.54	-0.93	86	48	66	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](http://weather.uky.edu/climate_normals.php)