



Crop Progress and Condition

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Cooperative Extension Service

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Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 2.56 inches, 1.33 inches above normal. Temperatures averaged 66 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 2 percent short, 58 percent adequate and 40 percent surplus. **Subsoil moisture** was rated 1 percent very short, 3 percent short, 64 percent adequate, and 32 percent surplus. Days suitable for fieldwork averaged 2.6 out of a possible seven.

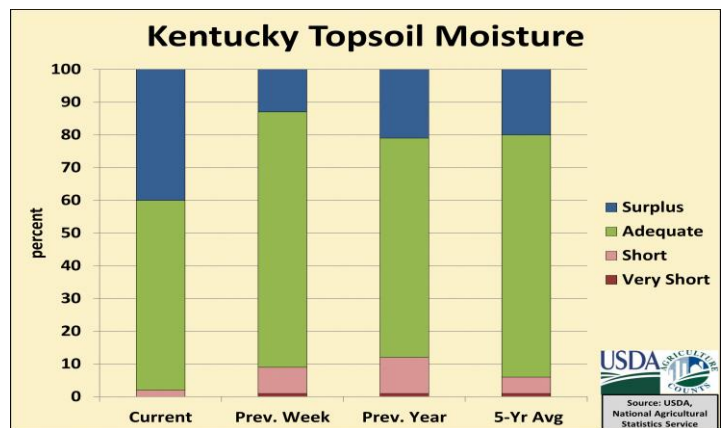
Primary activities this week included planting of corn, soybeans, and tobacco during the few days when fieldwork was viable. Excessive rainfall caused flash flooding in some parts of the state. This will possibly effect plants that had recently emerged and were susceptible to being washed out. The heavy rains have slowed planting significantly and made fieldwork either difficult or impossible, especially in the southern portions of the state. Corn acres are at 58% planted, compared to 72% at this time last year. Soybeans are similarly affected, with acres planted at 40% complete compared to 45% last year. Tobacco acres are estimated at 8% transplanted. Tobacco transplant supplies were reported as 100 percent adequate. Six percent of tobacco transplants were under 2 inches, with 30 percent between 2-4 inches, and 64 percent over 4 inches. The winter wheat crop continues to mature, with 87% of the crop having headed now. Conditions remain relatively good as well, with 1% at very poor, 1% poor, 10% fair, 71% good, and 17% excellent.

The relatively warm weather and rains this season have assisted in continued pasture growth. Two percent of pasture was reported as poor condition, 18 percent as fair, 69 percent as good, and 11 percent excellent. Attempts at getting in the first cutting of hay for the year were likely prevented for most producers due to the consistent rainfall.

SOIL MOISTURE for week ending 05/12/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	58	40
Subsoil	1	3	64	32

- Represents zero.



CROP PROGRESS for week ending 05/12/24

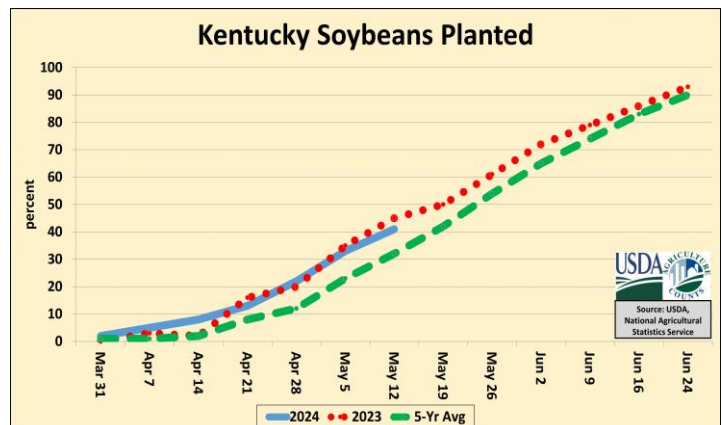
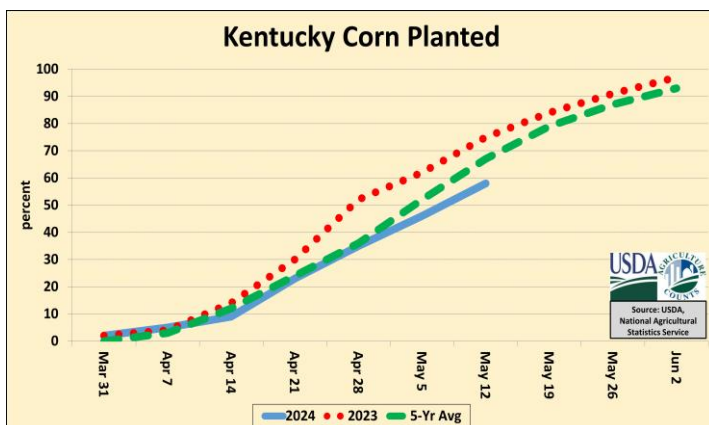
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	58	46	72	65
Corn Emerged	39	25	44	40
Soybeans Planted	40	33	45	32
Soybeans Emerged	22	7	18	14
Tobacco Set	8	2	9	6
Winter Wheat Headed	87	66	78	76

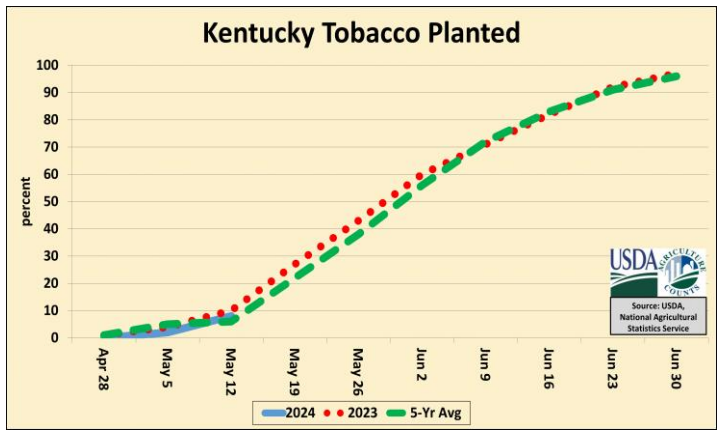
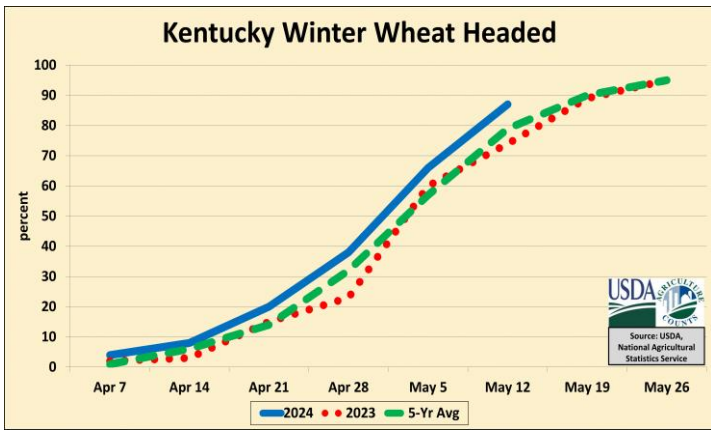
-1 Shown when data not available.

CROP CONDITIONS for week ending 05/12/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	-	2	18	69	11
Wheat	1	1	10	71	17

- Represents zero.





Kentucky Climate Summary
For the Period May 5, 2024 to May 12, 2024

Above Normal Temperatures and Rainfall:

The Bluegrass State saw repeated rounds of showers and storms throughout the first half of the workweek, setting the stage for a second straight week of above-average rainfall. Most of the southern half of Kentucky saw 2 to 3+ inches, but some along the Tennessee border even hit 4-5+ inches. This amount of rainfall ultimately led to numerous flash flood warnings. In addition, the atmosphere was very unstable with plenty of wind energy, which produced several bouts of severe storms. Most storm reports were by way of large hail or damaging winds, but a few weak tornadoes were confirmed in Daviess County, too. Fortunately, a welcome shift occurred during the latter part of the week, bringing cooler, less humid, and drier conditions. A brisk northerly wind even kept highs in the mid to upper 60s on Friday and into the 40s that night.

Temperatures for the period averaged 66 degrees across the state which was 2 degrees warmer than normal and 4 degrees cooler than the previous period. High temperatures averaged from 78 in the West to 74 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at HICKMAN 2E and the extreme low was 39 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 2.56 inches statewide which was 1.33 inches above normal and 209% of normal. Precipitation totals by climate division, West 3.43 inches, Central 2.93 inches, Bluegrass 1.79 inches and East 2.10 inches, which was 2.18, 1.64, 0.56 and 0.97 inches above normal. By station, precipitation totals ranged from a low of 0.86 inches at POPLAR BLUFF ASOS to a high of 6.04 inches at FRANKLIN 4SW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/12/24 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
Western KY													
Caldwell	Princeton(M)	2.58	16.27	4.34	-3.53	-0.65	82	48	67	1			
Christian	Hopkinsville(M)	2.79	18.32	5.67	-1.06	0.80	81	52	67	1	78	65	72
Daviess	Owensboro(AP)	2.38	15.53	5.21	-2.36	0.24	83	53	69	4			
Fulton	Hickman(M)	2.02	19.04	4.31	-0.82	-0.81	85	53	70	4			
Marshall	Benton(M)	4.18	17.86	6.22	-5.11	0.82	83	50	68	2	78	66	72
McCracken	Paducah(AP)	3.42	19.34	5.13	-0.52	0.01	84	51	71	5			
McLean	Calhoun(M)	3.86	19.90	7.10	-0.53	2.22	82	48	67	0	82	59	71
Todd	Elkton(M)	4.59	20.13	6.83	0.75	1.96	81	48	66	0			
Union	Morganfield(M)	4.26	18.06	7.75	0.17	2.78	83	52	68	3			
Central KY													
Barren	Glasgow(M)	3.26	19.70	5.49	-0.36	0.51	80	46	65	1			
Breckinridge	Hardinsburg(M)	2.39	20.90	6.08	1.04	0.50	80	47	66	2	76	64	71
Clinton	Albany(M)	4.75	24.78	7.34	1.85	2.17	81	43	64	2	76	60	69
Hardin	Elizabethtown(M)	2.20	20.23	5.03	0.37	-0.55	82	46	66	2	72	61	68
Hart	Munfordville(M)	2.21	21.04	5.48	0.54	0.48	80	47	65	-1	71	62	68
Jefferson	Louisville(AP)	2.03	18.00	4.80	-0.54	-0.14	82	54	70	4			
Taylor	Campbellsville(M)	3.32	24.53	7.54	4.88	2.56	80	44	65	1			
Warren	Bowling_Green(AP)	2.56	19.22	5.31	-0.11	0.44	82	52	69	3			
Bluegrass													
Boone	Cinci./NKY(AP)	3.41	18.65	4.82	1.45	0.36	80	46	65	3			
Boyle	Danville(M)	1.20	20.83	3.14	2.02	-1.69	79	48	65	1	80	58	70
Fayette	Lexington(AP)	1.73	20.43	2.81	2.19	-1.81	81	47	67	3			
Franklin	Frankfort(M)	2.07	19.77	3.59	1.51	-1.15	80	44	65	1	76	62	70
Madison	Richmond(M)	0.92	18.52	2.35	-0.29	-2.48	80	43	64	0			
Mason	Maysville(M)	1.55	17.39	2.65	-1.17	-1.94	78	43	63	2	69	59	65
Eastern KY													
Breathitt	Jackson(AP)	1.98	18.80	2.77	-0.68	-1.78	79	45	65	1			
Harlan	Harlan(M)	1.49	20.58	2.47	1.17	-2.00	66	42	55	-7	68	52	60
Lawrence	Louisa(M)	1.95	18.54	3.29	1.89	-0.56	80	42	64	2			
Pike	Pikeville(M)	1.04	16.36	2.72	-0.29	-1.13	73	45	59	-2			
Pulaski	Somerset(M)	3.39	21.28	5.44	2.47	0.61	80	43	63	0			
Rowan	Morehead(M)	1.68	20.61	3.45	1.97	-1.29	77	42	63	1			

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