



Crop Progress and Condition

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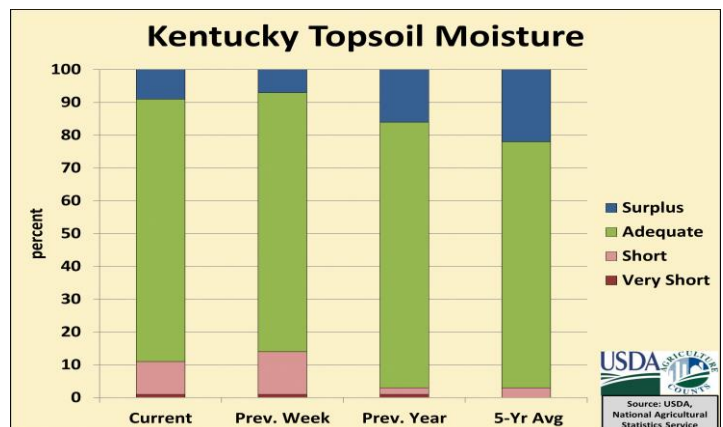
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.81 inches, 0.44 inches below normal. Temperatures averaged 57 degrees for the week, 5 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 10 percent short, 80 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 81 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 5.6 out of a possible seven.

Primary activities for this week included planting corn and soybeans along with preparation for tobacco setting. A small percentage of tobacco is in the ground and setting will ramp up as weather permits. The majority of the week was cool and dry, however the weekend brought some scattered rain and storms. There was some early morning frost present in some areas of the state. With both corn and soybean planting running ahead of last year and the five year average, both crops are emerging despite the cool temperatures. The average height of tobacco transplants is rated as 20 percent less than 2 inches, 45 percent 2-4 inches, and 35 percent larger than 4 inches. Transplant supplies are 99 percent adequate and 1 percent short as setting begins. Winter wheat condition remains mostly good with 68 percent of the crop headed.

Pasture condition is mostly good, but cool weather has stunted growth to a degree. With slowed growth and occasionally heavy rain, livestock traffic has caused some damage to pasture ground. As temperatures become consistently warm, condition should improve quickly. Cold, dry spells have affected hay growth as well. With that said, some hay has been baled in windows of dry weather.

SOIL MOISTURE for week ending 05/07/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	10	80	9
Subsoil	1	10	81	8



CROP PROGRESS for week ending 05/07/23

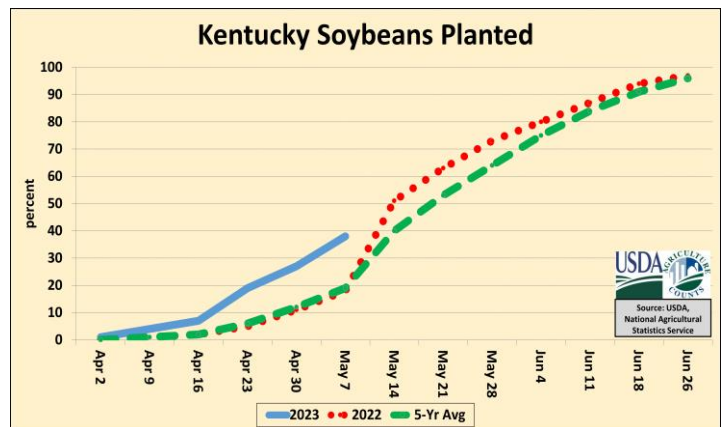
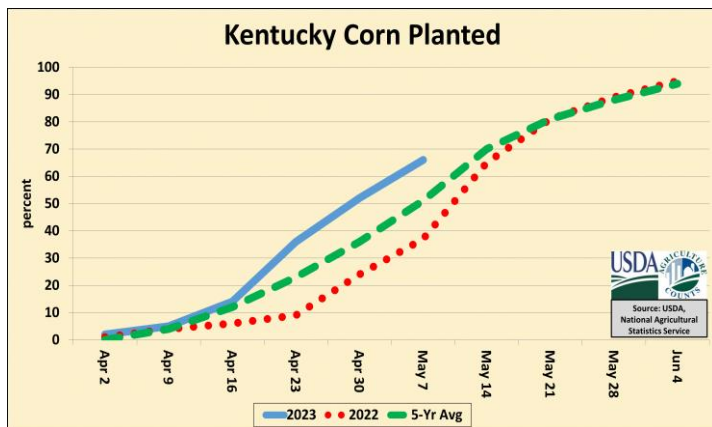
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	66	52	37	51
Corn Emerged	36	24	12	26
Soybeans Planted	38	27	18	19
Soybeans Emerged	14	-1	2	6
Tobacco Set	2	-	-1	-1
Winter Wheat Headed	68	40	51	60

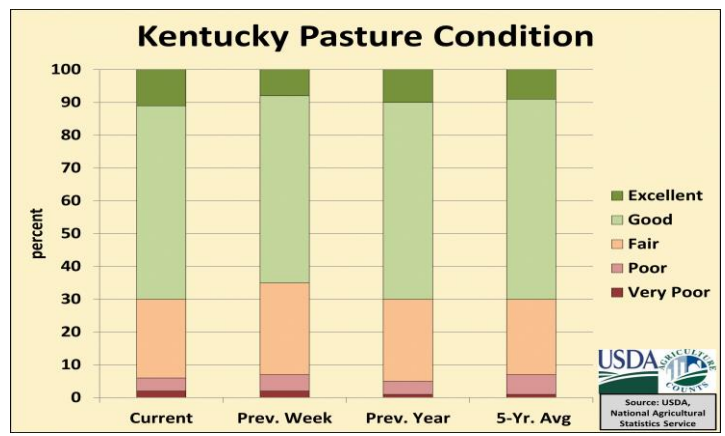
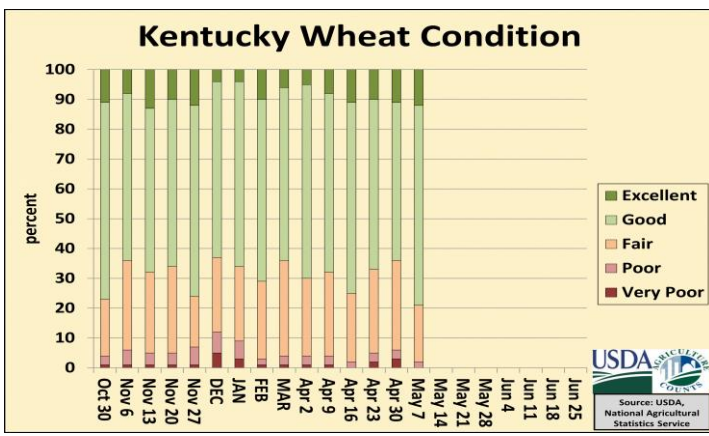
- Represents zero.
-1 Represents not available.

CROP CONDITIONS for week ending 05/07/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	4	24	59	11
Wheat	-	2	19	67	12

- Represents zero.





**Kentucky Climate Summary
For the Period May 1, 2023 to May 7, 2023**

Below Normal Temperatures and Rainfall:

The first workweek of May ran dry and unseasonably cool across the state. High temperatures only topped out in the 50s and 60s through Wednesday with northwesterly winds in place. Some even dipped into the 30s at night. Just to put in perspective, normal highs for this time of year run in the low to middle 70s, while average lows are in the low to mid 50s. Showers and storms returned over the weekend. The brunt of the accumulations fell on Sunday, but the range was quite extensive. While some folks across West Central KY saw 1-5 to 2+ inches, portions of SE KY struggled to see a quarter inch. Ultimately though, the state averaged 0.81 inches, which was the 5th straight week that the state average has run below normal. Over the past 30 days, a large portion of KY is running 2+ inches below normal.

Temperatures for the period averaged 57 degrees across the state which was 5 degrees cooler than normal and 2 degrees warmer than the previous period. High temperatures averaged from 71 in the West to 67 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 49 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 85 degrees at HICKMAN 2E and the extreme low was 32 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.81 inches statewide which was 0.44 inches below normal and 65% of normal. Precipitation totals by climate division, West 0.97 inches, Central 0.94 inches, Bluegrass 0.90 inches and East 0.42 inches, which was 0.36, 0.39, 0.32 and 0.68 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at MAYFIELD 6SW to a high of 1.91 inches at HOPKINSVILLE 6N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/07/23 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
Western KY													
Caldwell	Princeton(M)	1.86	19.27	3.81	0.26	-1.22	82	38	59	-4			
Christian	Hopkinsville(M)	1.96	21.39	4.33	2.93	-0.38	81	39	59	-4	72	57	65
Daviess	Owensboro(AP)	0.58	16.15	2.32	-0.91	-2.61	81	40	60	-3			
Fulton	Hickman(M)	0.07	22.67	3.37	3.63	-1.75	86	42	62	-2			
Marshall	Benton(M)	1.02	21.75	3.13	-0.31	-2.26	82	40	60	-4	73	55	64
McCracken	Paducah(AP)	0.99	25.10	4.38	6.06	-0.74	85	41	63	-1			
McLean	Calhoun(M)	1.80	21.02	3.74	1.43	-1.15	82	38	58	-7	80	47	62
Todd	Elkton(M)	1.85	20.67	3.75	2.21	-0.96	81	36	58	-5			
Union	Morganfield(M)	1.10	19.13	3.20	2.07	-1.73	82	39	59	-4	76	51	63
Central KY													
Barren	Glasgow(M)	1.28	18.82	2.31	-0.34	-2.57	78	36	58	-4	69	52	60
Breckinridge	Hardinsburg(M)	1.19	20.57	3.56	1.74	-1.84	78	38	58	-3	71	51	62
Clinton	Albany(M)	1.05	17.22	3.09	-4.79	-1.98	78	34	57	-3	73	53	63
Hardin	Elizabethtown(M)	1.02	20.04	3.03	1.21	-2.37	79	36	57	-4	63	51	57
Hart	Munfordville(M)	0.91	19.31	1.97	-0.31	-2.93	78	37	58	-7	70	52	60
Jefferson	Louisville(AP)	0.69	18.45	2.76	0.81	-2.05	79	44	61	-3			
Taylor	Campbellsville(M)	0.62	20.28	2.11	1.56	-2.67	77	33	57	-5			
Warren	Bowling_Green(AP)	1.14	16.96	2.42	-1.51	-2.36	81	39	61	-3			
Bluegrass													
Boone	Cinci./NKY(AP)	1.72	18.74	4.07	2.32	-0.34	76	35	54	-6			
Boyle	Danville(M)	0.60	19.08	2.35	1.19	-2.27	76	35	56	-6	77	48	61
Fayette	Lexington(AP)	0.46	17.28	1.90	-0.07	-2.54	77	36	57	-4			
Franklin	Frankfort(M)	0.54	17.26	2.03	-0.09	-2.55	75	34	55	-6	68	52	60
Madison	Richmond(M)	0.58	16.31	1.95	-1.58	-2.67	77	32	54	-8			
Mason	Maysville(M)	0.96	16.00	2.31	-1.72	-2.19	77	35	53	-6	71	50	59
Eastern KY													
Breathitt	Jackson(AP)	0.25	16.74	2.39	-1.87	-2.03	81	39	57	-5			
Harlan	Harlan(M)	0.44	21.88	2.61	3.35	-1.72	67	33	47	-14	69	44	54
Lawrence	Louisa(M)	0.68	15.70	2.82	-0.22	-0.91	81	33	54	-6			
Pike	Pikeville(M)	0.30	14.74	1.58	-1.18	-2.15	76	37	52	-8			
Pulaski	Somerset(M)	0.31	16.94	2.78	-0.95	-1.84	76	33	56	-6			
Rowan	Morehead(M)	1.03	15.42	2.51	-2.33	-2.09	78	32	53	-7			

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