



Crop Progress and Condition

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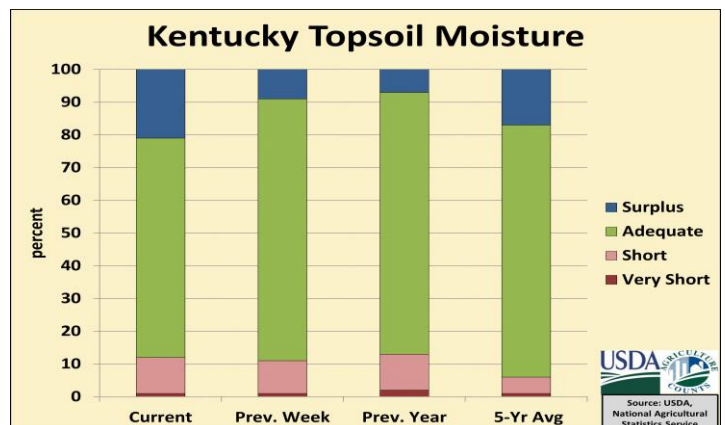
Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 1.03 inches, 0.19 inches below normal. Temperatures averaged 69 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 67 percent adequate, and 21 percent surplus. **Subsoil moisture** was rated 2 percent very short, 11 percent short, 74 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

Primary activities for this week included planting corn, soybeans, and tobacco. Rain was scattered across the state with seasonably warm temperatures. Erosion has been seen in areas where heavy rain occurred. Despite the scattered precipitation, farmers made strong planting progress. Corn and soybean planting continues to run ahead of both last year and the five year average. There have been reports of yellowing corn plants in saturated fields. Recent assessments show that early planted soybeans survived the late frosts of recent weeks. Tobacco setting is ramping up with the average height of transplants rated as 8 percent less than 2 inches, 35 percent 2-4 inches, and 57 percent larger than 4 inches. Transplant supplies are rated as 2 percent very short, 5 percent short, 88 percent adequate and 5 percent surplus. Winter wheat condition remains mostly good with 82 percent of the crop headed.

Pasture condition is mostly good as recent rains and warmer temperatures have aided growth. Farmers have struggled to cut hay with intermittent rain disrupting work and getting previously cut hay wet before it is baled. Some rye hay is over maturing as rain has prevented harvest.

SOIL MOISTURE for week ending 05/14/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	11	67	21
Subsoil	2	11	74	13

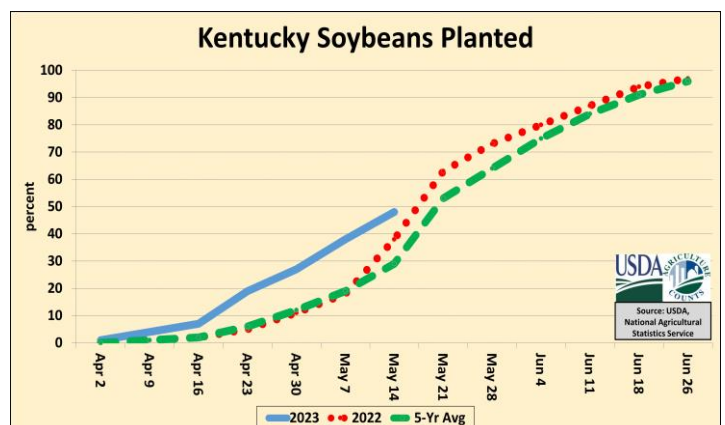
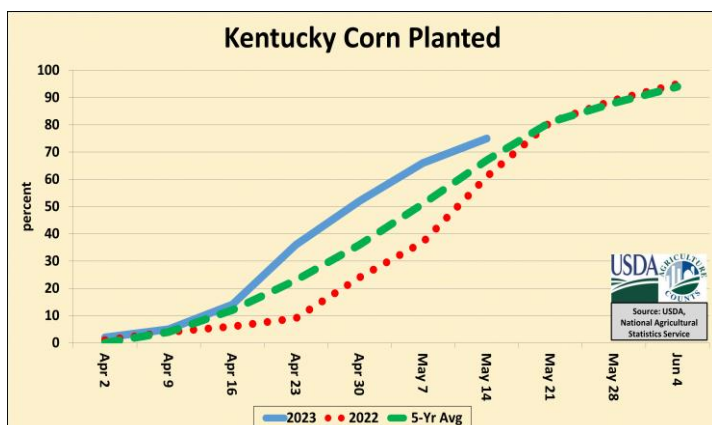


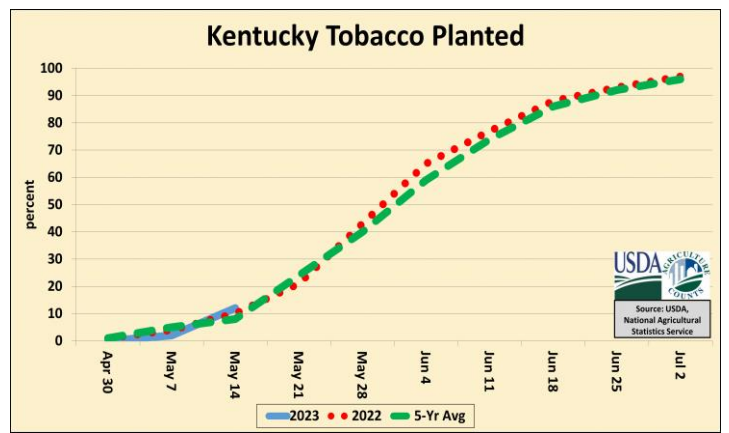
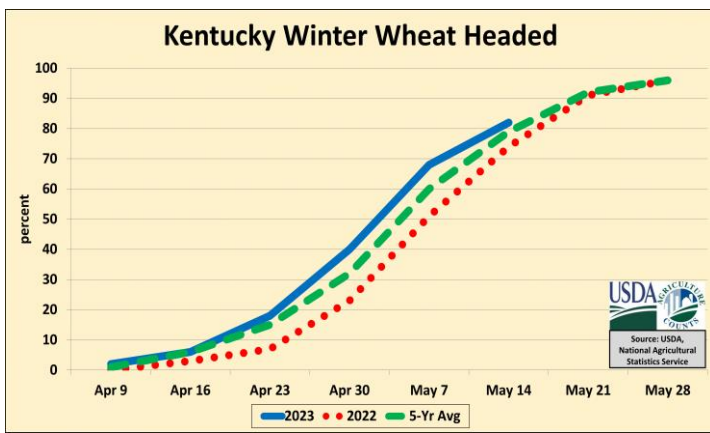
CROP PROGRESS for week ending 05/14/23

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	75	66	61	67
Corn Emerged	47	36	29	41
Soybeans Planted	48	38	38	29
Soybeans Emerged	20	14	15	13
Tobacco Set	12	2	10	8
Winter Wheat Headed	82	68	74	79

CROP CONDITIONS for week ending 05/14/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	2	6	24	54	14
Wheat	1	2	18	67	12





Kentucky Climate Summary
For the Period May 8, 2023 to May 14, 2023

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State saw a pretty active week with multiple opportunities for rainfall, but most of the time, it was more of the hit or miss variety. While some saw more than 2 inches (mainly West-central KY), others saw next to nothing. In just one example, the Logan County Mesonet station recorded over 5 inches for the week, but a large portion of the Northern Bluegrass stayed under a tenth of an inch. Outside of precipitation, Kentucky saw a very mild period with high temperatures consistently jumping into the 70s and 80s. In addition, elevated dewpoints returned to the area, giving the state an early taste of summer-like humidity.

Temperatures for the period averaged 69 degrees across the state which was 5 degrees warmer than normal and 12 degrees warmer than the previous period. High temperatures averaged from 79 in the West to 78 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 63 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at PADUCAH ASOS and the extreme low was 40 degrees at STANFORD 4NE.

Precipitation (liq. equ.) for the period totaled 1.03 inches statewide which was 0.19 inches below normal and 85% of normal. Precipitation totals by climate division, West 1.55 inches, Central 1.30 inches, Bluegrass 0.29 inches and East 0.97 inches, which was 0.32, 0.02, -0.94 and -0.16 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at CYNTHIANA 8N to a high of 5.98 inches at RUSSELLVILLE 2W.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/14/23 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)	1.26	20.53	4.36	0.42	-0.59	86	55	70	4			
Christian	Hopkinsville(M)	1.85	23.24	5.93	3.47	0.96	85	57	70	4	80	66	72
Daviess	Owensboro(AP)	1.10	17.25	3.08	-0.96	-1.87	85	57	71	5			
Fulton	Hickman(M)	1.90	24.57	5.05	4.39	-0.04	87	62	73	6			
Marshall	Benton(M)	0.48	22.23	2.79	-1.12	-2.62	87	56	70	3	80	66	72
McCracken	Paducah(AP)	0.69	25.79	4.52	5.61	-0.57	91	60	73	6			
McLean	Calhoun(M)	2.60	23.62	5.88	2.86	1.01	84	54	69	1	90	60	72
Todd	Elkton(M)	2.05	22.72	5.80	2.95	0.83	86	54	69	3			
Union	Morganfield(M)	1.86	20.99	4.46	2.78	-0.49	85	56	70	4	86	63	72
Central KY													
Barren	Glasgow(M)	1.55	20.37	3.75	-0.06	-1.28	82	54	68	3	75	62	68
Breckinridge	Hardinsburg(M)	0.51	21.08	3.58	0.82	-2.04	81	51	68	4	82	61	70
Clinton	Albany(M)	0.63	17.85	3.38	-5.45	-1.83	81	52	67	4	76	62	69
Hardin	Elizabethtown(M)	1.80	21.84	4.73	1.58	-0.89	81	50	67	3	70	59	65
Hart	Munfordville(M)	1.17	20.48	3.13	-0.36	-1.89	81	54	68	0	77	61	68
Jefferson	Louisville(AP)	1.30	19.75	4.04	0.86	-0.93	84	53	71	4			
Taylor	Campbellsville(M)	0.29	20.57	2.20	0.55	-2.84	81	48	67	2			
Warren	Bowling_Green(AP)	1.76	18.72	4.04	-0.95	-0.85	87	53	71	4			
Bluegrass													
Boone	Cinci./NKY(AP)	0.04	18.78	3.39	1.27	-1.08	82	49	68	5			
Boyle	Danville(M)	0.51	19.59	2.71	0.43	-2.17	79	46	66	2	80	59	69
Fayette	Lexington(AP)	0.51	17.79	2.41	-0.81	-2.28	84	49	70	6			
Franklin	Frankfort(M)	0.11	17.37	2.12	-1.23	-2.66	82	45	66	2	78	60	68
Madison	Richmond(M)	0.23	16.54	2.14	-2.62	-2.74	81	44	65	1			
Mason	Maysville(M)	0.19	16.19	2.48	-2.71	-2.14	82	44	66	4	75	59	68
Eastern KY													
Breathitt	Jackson(AP)	1.65	18.39	3.28	-1.44	-1.32	83	52	69	4			
Harlan	Harlan(M)	0.89	22.77	3.03	3.03	-1.48	72	47	60	-3	71	52	62
Lawrence	Louisa(M)	1.69	17.39	3.93	0.45	0.04	84	47	67	4			
Pike	Pikeville(M)	1.67	16.41	3.00	-0.53	-0.89	79	52	65	2			
Pulaski	Somerset(M)	0.28	17.22	2.48	-1.94	-2.40	81	48	66	2			
Rowan	Morehead(M)	1.65	17.07	3.94	-1.93	-0.85	83	44	65	3			

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