



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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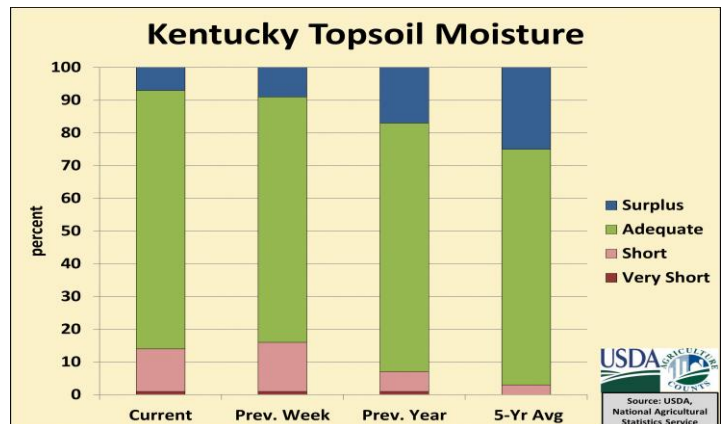
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.68 inches, 0.55 inches below normal. Temperatures averaged 53 degrees for the week, 7 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 13 percent short, 79 percent adequate, and 7 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 4.8 out of a possible seven.

Primary activities for this week included seeding tobacco transplants along with planting corn and soybeans. Cool temperatures were prevalent across the state. The early part of the week was mostly dry with frost advisories and freeze warnings. Temperatures warmed slightly bringing in some scattered rain by the weekend. Corn and soybean planting remains well ahead of both last year and the five year average. Planted corn is emerging despite the persistently cool weather. Tobacco transplant seeding is ahead of last year at 92 percent complete. Seeded transplants continue to be in mostly good condition. The average height of transplants is rated as 24 percent less than 2 inches, 44 percent 2-4 inches, and 32 percent larger than 4 inches. Winter wheat condition remains mostly good with 40 percent of the crop headed. The average height of winter wheat is 23 inches. It is of note that some producers are spraying wheat for head scab.

Although pasture condition is mostly good, spring growth has been stunted some by the cool weather. Hay supplies are rated 8 percent very short, 28 percent short, 60 percent adequate, and 4 percent surplus. Despite farmers tapping into reserves early due to a fall drought, overall hay supply is holding up. Current condition of hay is rated as 1 percent very poor, 4 percent poor, 25 percent fair, 64 percent good, and 6 percent excellent. Alfalfa average height is 12 inches at this time. Condition of strawberries is rated as 1 percent very poor, 2 percent poor, 35 percent fair, 50 percent good, and 12 percent excellent. The late freeze is hurting some of the strawberry crop.

SOIL MOISTURE for week ending 04/30/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	13	79	7
Subsoil	1	10	81	8



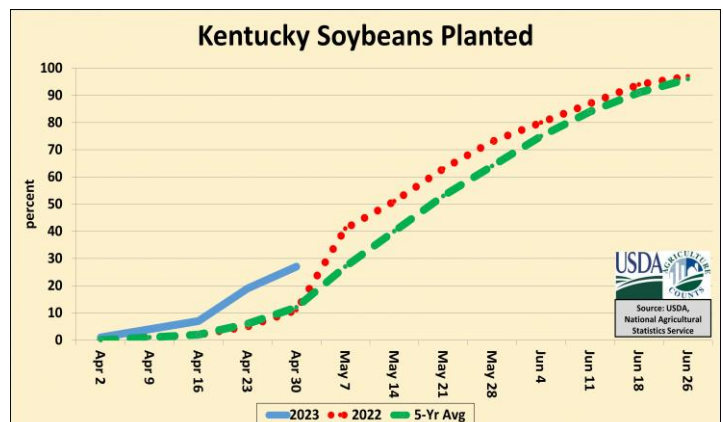
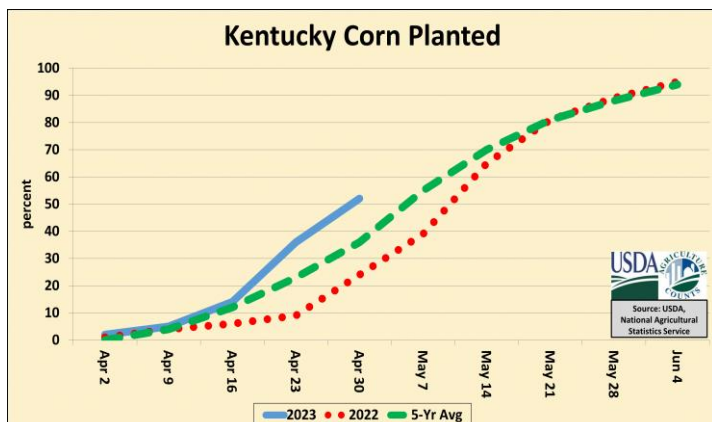
CROP PROGRESS for week ending 04/30/23

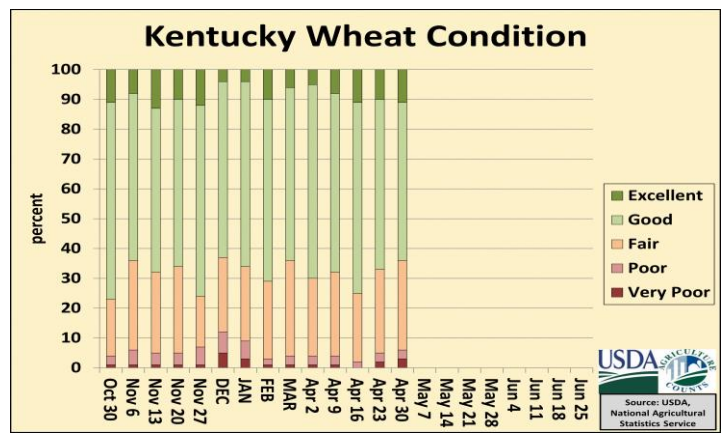
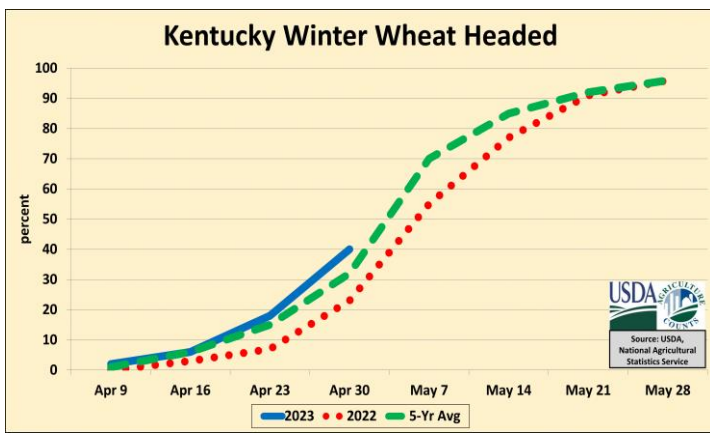
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	52	36	24	36
Corn Emerged	24	12	3	14
Soybeans Planted	27	19	11	12
Tobacco Transplants Seeded	92	87	85	91
Winter Wheat Headed	40	18	23	32

CROP CONDITIONS for week ending 04/30/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	1	4	25	64	6
Livestock	1	4	19	68	8
Pasture	2	5	28	57	8
Strawberries	1	2	35	50	12
Tobacco Transplants	-	2	7	79	12
Wheat	3	3	30	53	11

- Represents zero.





**Kentucky Climate Summary
For the Period April 24, 2023 to April 30, 2023**

Below Normal Temperatures and Rainfall:

April closed with another cool week across the area. Freeze warnings and frost advisories were issued on Monday and Tuesday mornings with well below normal temperatures in place. The coldest temperatures were seen on Monday with lows dipping into the upper 20s to low 30s across the state. Kentucky saw some warmer air as the week progressed, but for the most part, temperatures remained under seasonable norms. Following a period of dry conditions to start the week, widespread showers returned on Thursday and Thursday night as a disturbance lifted northeast through the Bluegrass State. This was followed by light, scattered activity through the weekend. Overall, the state averaged 0.68 inches, which was good for a fourth straight week of below normal rainfall in Kentucky. Looking at preliminary data from the Ag Weather Center, the state averaged 2.85 inches for the month of April, which is about 1.5 inches below normal.

Temperatures for the period averaged 53 degrees across the state which was 7 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 64 in the West to 65 in the East. Departure from normal high temperatures ranged from 9 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 45 degrees in the West to 42 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. The extreme high temperature for the period was 75 degrees at KOOMER RIDGE and the extreme low was 26 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.68 inches statewide which was 0.55 inches below normal and 55% of normal. Precipitation totals by climate division, West 0.63 inches, Central 0.78 inches, Bluegrass 0.64 inches and East 0.65 inches, which was 0.71, 0.49, 0.54 and 0.48 inches below normal. By station, precipitation totals ranged from a low of 0.17 inches at JACKSON AIRPORT to a high of 1.37 inches at GREENVILLE 6N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/30/23 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)	0.53	17.41	2.14	-0.34	-2.69	71	31	53	-9			
Christian	Hopkinsville(M)	0.80	19.43	2.67	2.25	-1.82	72	32	54	-7	66	56	62
Daviess	Owensboro(AP)	0.76	15.57	2.08	-0.22	-2.56	71	35	55	-6			
Fulton	Hickman(M)	0.30	22.60	3.60	4.84	-1.27	71	35	56	-6			
Marshall	Benton(M)	0.35	20.73	2.34	0.01	-2.89	71	33	55	-7	69	53	62
McCracken	Paducah(AP)	0.39	24.11	3.86	6.35	-1.01	73	35	56	-6			
McLean	Calhoun(M)	0.75	19.22	2.35	0.83	-2.48	69	33	53	-10	77	44	61
Todd	Elkton(M)	0.94	18.82	2.34	1.64	-2.15	72	31	53	-8			
Union	Morganfield(M)	0.70	18.03	2.46	2.24	-2.18	68	34	54	-7	71	49	61
Central KY													
Barren	Glasgow(M)	0.38	17.54	1.67	-0.33	-2.97	71	30	52	-8	66	51	58
Breckinridge	Hardinsburg(M)	1.04	19.38	2.80	2.02	-2.20	70	30	52	-7	70	49	60
Clinton	Albany(M)	0.68	16.17	3.05	-4.51	-1.75	70	29	52	-6	70	52	61
Hardin	Elizabethtown(M)	1.17	19.02	2.40	1.66	-2.60	70	30	51	-8	59	49	55
Hart	Munfordville(M)	0.37	18.40	1.78	0.08	-2.85	70	29	52	-11	63	50	58
Jefferson	Louisville(AP)	1.36	17.76	2.35	1.42	-2.16	71	36	56	-6			
Taylor	Campbellsville(M)	0.25	19.66	2.25	2.30	-2.17	70	27	51	-9			
Warren	Bowling_Green(AP)	0.58	15.82	1.90	-1.39	-2.63	74	34	55	-7			
Bluegrass													
Boone	Cinci./NKY(AP)	0.85	17.02	3.70	1.73	-0.55	68	31	51	-7			
Boyle	Danville(M)	0.51	18.48	2.08	1.84	-2.25	68	29	51	-9	70	48	59
Fayette	Lexington(AP)	0.51	16.82	1.96	0.71	-2.18	71	31	54	-5			
Franklin	Frankfort(M)	0.67	16.72	1.81	0.65	-2.47	68	28	50	-9	64	50	59
Madison	Richmond(M)	0.55	15.73	1.76	-0.91	-2.57	70	28	51	-9			
Mason	Maysville(M)	0.40	15.04	1.61	-1.54	-2.76	68	30	50	-7	66	48	58
Eastern KY													
Breathitt	Jackson(AP)	0.76	16.49	2.74	-0.93	-1.51	72	34	55	-6			
Harlan	Harlan(M)	1.03	21.44	2.76	4.16	-1.40	59	26	44	-15	62	47	54
Lawrence	Louisa(M)	0.83	15.02	2.44	0.10	-1.14	74	28	54	-4			
Pike	Pikeville(M)	0.56	14.44	1.71	-0.48	-1.87	67	32	51	-7			
Pulaski	Somerset(M)	0.69	16.63	3.02	-0.01	-1.31	70	28	51	-9			
Rowan	Morehead(M)	0.59	14.39	1.52	-2.16	-2.87	68	26	50	-8			

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