



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
601 W Broadway, Rm 645
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: May 30, 2023

Issue: 13-23

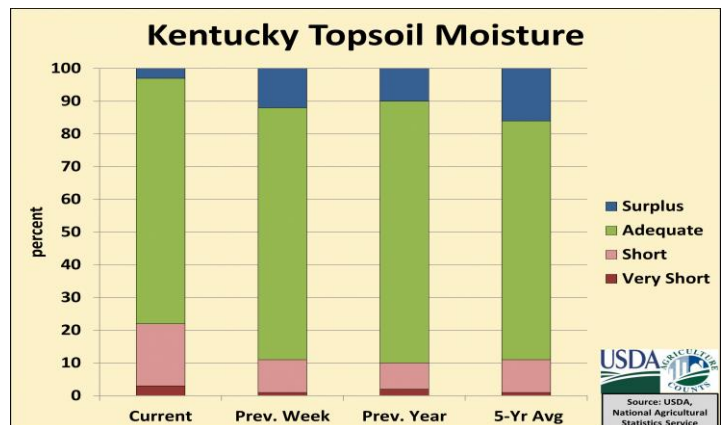
Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.20 inches, 0.87 inches below normal. Temperatures averaged 64 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 3 percent very short, 19 percent short, 75 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 3 percent very short, 18 percent short, 75 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 6.0 out of a possible seven.

Primary activities for this week included planting corn, soybeans, and tobacco along with cutting hay. Dry conditions throughout the week allowed farmers to make strong progress in the fields. Corn and soybean planting continues to run ahead of both last year and the five year average. The average height of corn is 9 inches at this juncture and the condition of the crop is mostly good. Tobacco setting continues to roll along out pacing last year and the five year average. Winter wheat condition remains mostly good with 95 percent of the crop headed. There is evidence of freeze damage in some wheat heads from a late frost several weeks ago.

Pasture condition is mostly good, however growth has been stunted by recent dry weather. Livestock are in mostly good condition at this time. The current hay supply is 8 percent very short, 22 percent short, 65 percent adequate, and 5 percent surplus. With first cuttings well underway, hay condition is rated mostly good. Hay production is widely varied.

SOIL MOISTURE for week ending 05/28/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	19	75	3
Subsoil	3	18	75	4

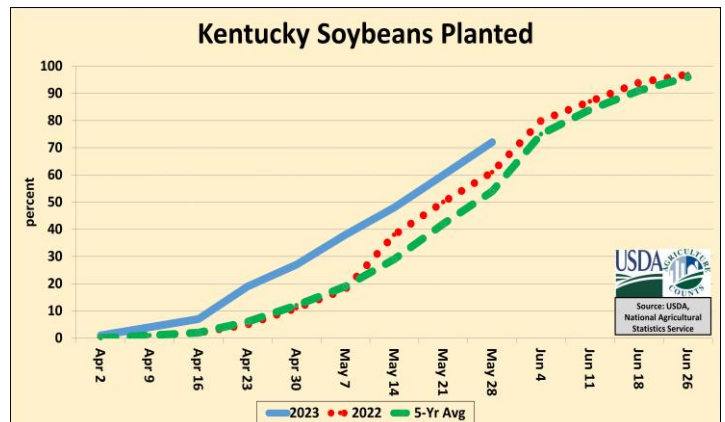
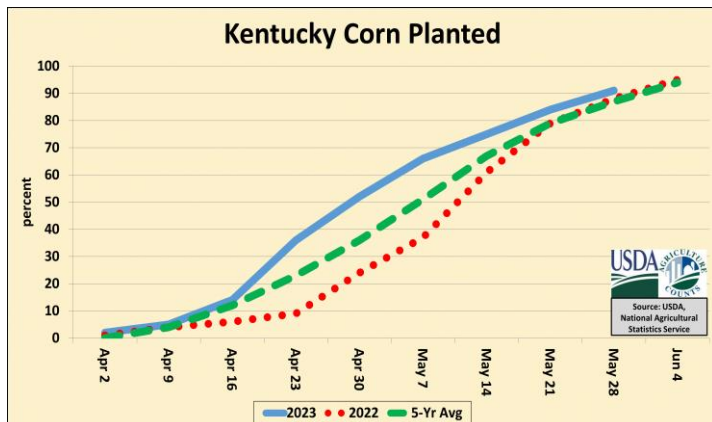


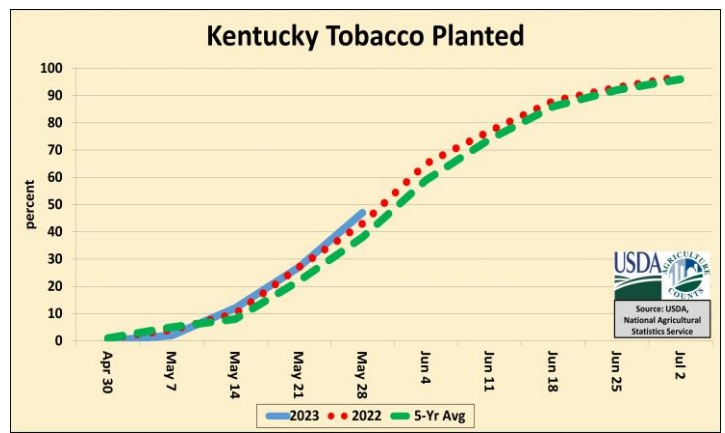
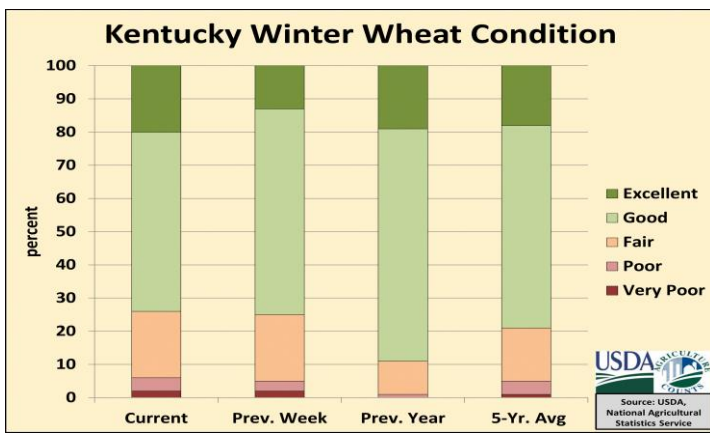
CROP PROGRESS for week ending 05/28/23

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	91	84	88	87
Corn Emerged	76	64	65	69
Soybeans Planted	72	60	61	54
Soybeans Emerged	51	38	39	34
Tobacco Set	47	27	43	38
Winter Wheat Headed	95	92	95	95

CROP CONDITIONS for week ending 05/28/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	19	63	13
Hay	2	6	28	55	9
Livestock	1	3	19	66	11
Pasture	1	6	24	57	12
Wheat	2	4	20	54	20





Kentucky Climate Summary
For the Period May 22, 2023 to May 28, 2023

Below Normal Temperatures and Rainfall:

The Bluegrass State saw an extensive window of dry conditions this past week. In fact, most of Western and West-Central KY didn't record a drop of rain. Outside of some stray showers at times, the only significant activity was seen across Eastern KY on Sunday as a disturbance passed to the southeast of the state. Totals topped two inches across portions of Pike, Letcher, Knott, and Floyd Counties. Those numbers then diminished pretty rapidly to the east. A line from Fayette to Pulaski County only recorded a quarter inch or so. Abnormally dry conditions are starting to show across portions of the state, but impacts have been negated a bit by cooler than normal temperatures.

Temperatures for the period averaged 64 degrees across the state which was 4 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 80 in the West to 74 in the East. Departure from normal high temperatures ranged from near normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. The extreme high temperature for the period was 87 degrees at PADUCAH ASOS and the extreme low was 40 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.20 inches statewide which was 0.87 inches below normal and 19% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.05 inches, Bluegrass 0.11 inches and East 0.65 inches, which was 1.05, 1.07, 0.95 and 0.4 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALBANY 1N to a high of 2.33 inches at PIKEVILLE 13S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/28/23 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)	0.00	21.88	4.47	-0.21	0.13	84	50	66	-3			
Christian	Hopkinsville(M)	0.00	24.85	5.42	2.79	0.54	83	50	67	-2	79	68	73
Daviess	Owensboro(AP)	0.00	17.79	2.22	-2.43	-2.21	85	54	69	0			
Fulton	Hickman(M)	0.00	25.28	2.68	3.09	-1.75	84	52	69	-1			
Marshall	Benton(M)	0.00	24.20	3.47	-1.71	-1.72	83	51	66	-3	80	66	73
McCracken	Paducah(AP)	0.00	28.09	3.98	5.90	-0.45	87	52	69	-1			
McLean	Calhoun(M)	0.00	24.30	5.08	1.28	0.45	84	52	66	-4	90	61	76
Todd	Elkton(M)	0.00	23.47	4.65	1.41	-0.23	83	50	66	-3			
Union	Morganfield(M)	0.00	21.08	3.05	0.86	-1.38	84	50	67	-2	86	64	75
Central KY													
Barren	Glasgow(M)	0.00	22.34	4.80	-0.43	-0.10	81	49	65	-3	76	63	69
Breckinridge	Hardinsburg(M)	0.01	21.94	2.56	-0.90	-2.92	82	50	64	-3	83	62	72
Clinton	Albany(M)	0.00	18.61	2.44	-6.98	-2.47	80	52	64	-2	79	65	72
Hardin	Elizabethtown(M)	0.05	22.92	3.90	0.08	-1.58	83	51	65	-2	71	62	66
Hart	Munfordville(M)	0.00	21.79	3.39	-1.23	-1.31	81	49	64	-6	78	63	71
Jefferson	Louisville(AP)	0.00	21.54	3.78	0.45	-0.97	85	52	68	-2			
Taylor	Campbellsville(M)	0.12	21.75	2.09	-0.60	-2.90	81	46	63	-4			
Warren	Bowling_Green(AP)	0.00	19.68	3.86	-2.11	-0.72	85	51	68	-1			
Bluegrass													
Boone	Cinci./NKY(AP)	0.00	19.20	2.18	-0.33	-2.06	84	49	66	0			
Boyle	Danville(M)	0.17	20.99	2.51	-0.28	-2.12	80	42	61	-5	84	60	71
Fayette	Lexington(AP)	0.25	19.35	2.53	-1.67	-2.38	84	49	65	-2			
Franklin	Frankfort(M)	0.11	19.33	2.61	-1.40	-2.05	82	46	62	-5	78	64	70
Madison	Richmond(M)	0.31	17.72	1.99	-3.55	-2.64	80	44	60	-6			
Mason	Maysville(M)	0.01	17.12	2.08	-4.01	-2.47	79	46	61	-4	73	61	67
Eastern KY													
Breathitt	Jackson(AP)	0.87	20.23	3.74	-1.87	-0.94	79	51	64	-2			
Harlan	Harlan(M)	1.44	25.03	3.59	3.16	-1.00	68	42	55	-11	71	56	63
Lawrence	Louisa(M)	1.22	19.78	4.76	0.87	0.77	79	46	61	-4			
Pike	Pikeville(M)	2.34	19.86	5.42	0.95	1.43	71	46	58	-7			
Pulaski	Somerset(M)	0.19	18.09	1.46	-3.18	-3.17	80	48	62	-4			
Rowan	Morehead(M)	0.35	19.32	4.93	-1.92	0.24	79	44	60	-5			

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