



# 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: nassrfoemr@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

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**Agricultural News:** Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.24 inches, 0.21 inches above normal. Temperatures averaged 51 degrees for the week, near normal. **Topsoil moisture** was rated 2 percent short, 74 percent adequate, and 24 percent surplus. **Subsoil moisture** was rated 3 percent short, 84 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 3.7 out of a possible seven.

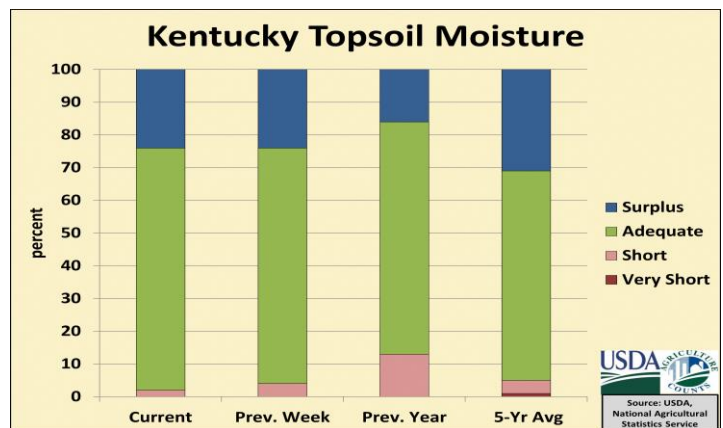
Primary activities for this week included preparing fields for planting and seeding tobacco transplants. Weather for the week consisted of mild daytime temperatures followed by frosty nights. Late in the week a storm front passed through, however much of the severe activity occurred outside of the state. While it is still early for planting, a very small amount of corn and soybeans are in the ground. The bulk of field activity revolves around winter cleanup and planting preparations at this juncture. Tobacco transplant seeding is on pace with last year at 36 percent. Winter wheat condition continues to be mostly good with much of the crop avoiding major freeze damage thus far. Freeze damage to winter wheat is reported as 20 percent moderate, 48 percent light, and 32 percent with none. Several areas reported higher levels of damage and there is concern for production. A second application of nitrogen is being applied to some wheat fields as well. Alfalfa was mostly spared from the recent freeze with damage reported as 1 percent severe, 6 percent moderate, 32 percent light, and 61 percent with none. It is of note that considerable damage to peach crops was observed.

Pasture ground is in overall good condition, but consistently warmer weather will greatly aid spring growth. The damage from the fall drought has slowed rejuvenation even when weather has been conducive. Reseeding of pastures may be necessary in some places. Livestock are in mostly good condition as producers are still heavily feeding hay in many instances. Many farmers began supplementing with hay earlier than normal as the late season drought set in. The dry weather also affected hay production. Twenty-nine percent of feed for cattle is being obtained from pasture.

**SOIL MOISTURE for week ending 04/02/23**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	74	24
Subsoil	-	3	84	13

- Represents zero.



**CROP PROGRESS for week ending 04/02/23**

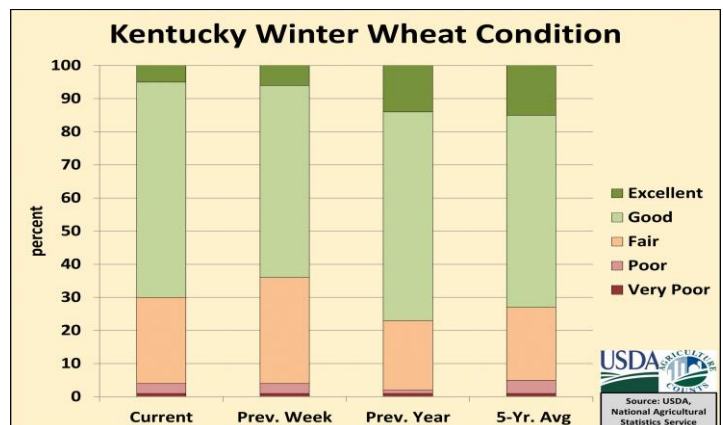
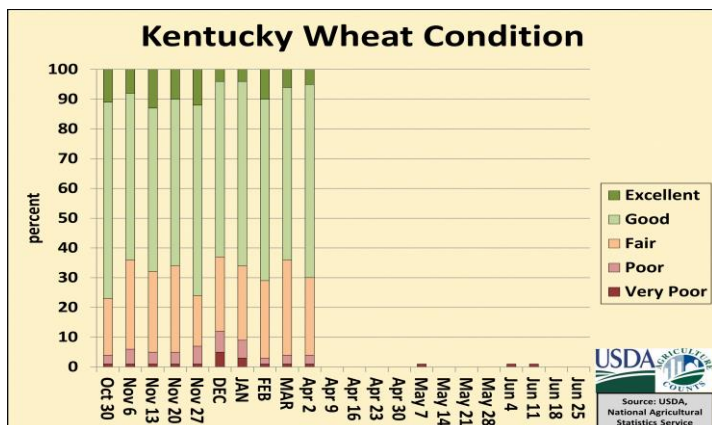
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	2	-	1	-
Soybeans Planted	1	-	-	-
Tobacco Transplants Seeded	36	-1	-1	-1

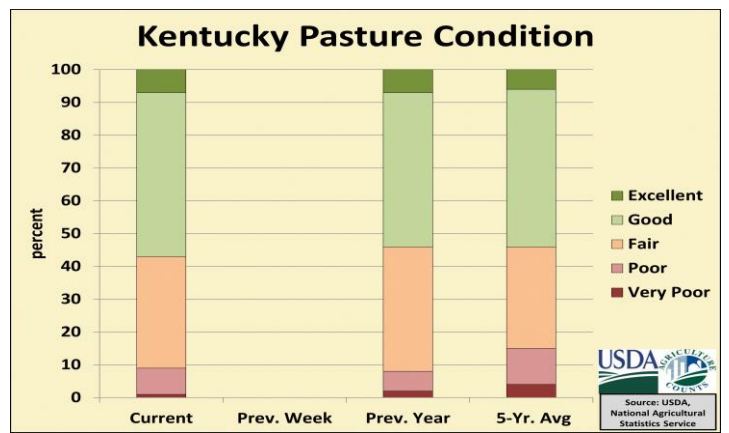
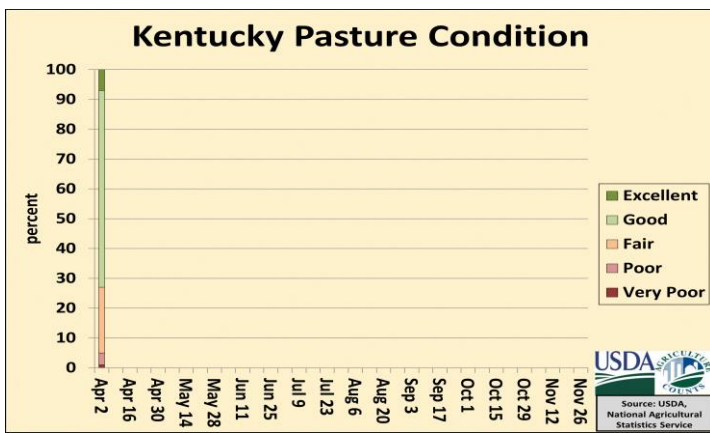
- Represents zero.

-1 Represents not available.

**CROP CONDITIONS for week ending 04/02/23**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	4	22	66	7
Pasture	1	8	34	50	7
Wheat	1	3	26	65	5





**Kentucky Climate Summary**  
**For the Period March 27, 2023 to April 2, 2023**

Near Normal Temperatures and Above Normal Rainfall:

The Commonwealth saw some mild days and frosty nights through the middle of the workweek. The coldest temperatures were seen Tuesday and Wednesday nights as skies cleared and lows dipped into the upper 20s to mid 30s. Dry conditions were the norm until late in the work week when a strong storm system pushed through the area on Friday. Most across Central and Eastern KY saw 1-2+ inches, while much of Western KY stayed well under an inch. Luckily, the state dodged most of the severe activity, which impacted areas to our northwest and southwest. A cold front then moved through the area on Saturday, ushering a cooler air mass into the region for the weekend. The frontal passage was accompanied by very breezy conditions with peak gusts in the 40s and 50s for most everyone.

Temperatures for the period averaged 51 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 64 in the West to 64 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 41 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 83 degrees at LOUISA 1S and the extreme low was 23 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 1.24 inches statewide which was 0.21 inches above normal and 120% of normal. Precipitation totals by climate division, West 0.79 inches, Central 1.49 inches, Bluegrass 1.12 inches and East 1.54 inches, which was -0.27, 0.44, 0.09 and 0.56 inches respectively from normal. By station, precipitation totals ranged from a low of 0.27 inches at PADUCAH ASOS to a high of 2.31 inches at MUNFORDVILLE 6E.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 04/02/23 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
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>												
Caldwell	Princeton(M)	0.44	15.27	4.32	2.35	0.06	73	31	51	-2		
Christian	Hopkinsville(M)	0.89	16.76	4.95	4.07	0.63	71	33	52	0	64	51
Daviess	Owensboro(AP)	0.44	13.49	4.36	2.34	0.36	70	33	52	0		
Fulton	Hickman(M)	0.50	19.00	5.31	6.11	1.15	74	33	53	0		
Marshall	Benton(M)	0.60	18.39	5.18	2.90	0.25	74	31	52	-1	62	49
McCracken	Paducah(AP)	0.27	20.25	4.62	7.36	0.46	75	32	55	2		
McLean	Calhoun(M)	0.59	16.87	4.56	3.31	-0.16	72	31	49	-5	65	42
Todd	Elkton(M)	1.35	16.48	4.99	3.79	0.67	71	29	50	-1		
Union	Morganfield(M)	0.82	15.57	4.76	4.42	0.76	72	29	50	-1	62	46
<b>Central KY</b>												
Barren	Glasgow(M)	2.25	15.87	4.56	2.64	0.47	70	28	50	0	58	46
Breckinridge	Hardinsburg(M)	0.71	16.58	4.16	4.22	0.14	69	29	49	-1	61	45
Clinton	Albany(M)	1.17	13.12	3.68	-2.76	-1.14	73	28	51	2	65	46
Hardin	Elizabethtown(M)	0.93	16.62	4.00	4.26	-0.02	67	28	49	-1		
Hart	Munfordsville(M)	2.31	16.62	5.28	2.93	0.85	69	30	50	-4	59	47
Jefferson	Louisville(AP)	1.20	15.41	4.44	3.58	0.29	68	34	53	0		
Taylor	Campbellsville(M)	2.23	17.41	4.81	4.47	0.44	69	26	49	-2		
Warren	Bowling_Green(AP)	1.76	13.92	4.69	1.24	0.64	71	32	54	0		
<b>Bluegrass</b>												
Boone	Cinci./NKY(AP)	0.82	13.32	3.81	2.28	0.01	64	26	48	0		
Boyle	Danville(M)	1.27	16.40	3.39	4.09	-0.86	68	28	49	-2	62	43
Fayette	Lexington(AP)	1.20	14.86	3.40	2.89	-0.62	69	30	52	2		
Franklin	Frankfort(M)	0.53	14.91	3.29	3.12	-0.92	67	27	49	-1	59	46
Madison	Richmond(M)	1.31	13.97	3.16	1.66	-1.09	69	27	49	-2		
Mason	Maysville(M)	1.63	13.43	3.61	1.22	-0.68	67	28	48	0	59	44
<b>Eastern KY</b>												
Breathitt	Jackson(AP)	1.78	13.90	3.61	0.73	-0.61	73	35	54	2		
Harlan	Harlan(M)	1.53	18.68	3.75	5.56	-0.47	64	26	43	-6	60	41
Lawrence	Louisa(M)	1.62	12.58	3.12	1.24	-0.78	83	29	51	2		
Pike	Pikeville(M)	1.29	12.73	2.96	1.39	-0.94	69	30	48	0		
Pulaski	Somerset(M)	2.02	13.61	3.95	1.30	-0.30	71	26	50	-1		
Rowan	Morehead(M)	1.54	12.87	3.14	0.71	-1.00	70	28	48	0		

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.kyimesonet.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](http://weather.uky.edu/climate_normals.php)