



Crop Progress and Condition

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Univ. of KY – Agr'l Weather Center
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Kentucky Department of Agriculture
Cooperative Extension Service

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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.57 inches, 0.44 inches below normal. Temperatures averaged 58 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 2 percent short, 78 percent adequate, and 20 percent surplus. **Subsoil moisture** was rated 4 percent short, 82 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 4.2 out of a possible seven.

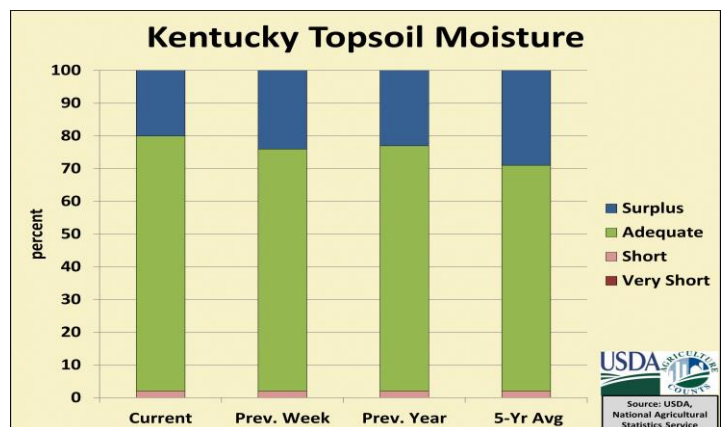
Primary activities for this week included preparing fields for planting and seeding tobacco transplants. Warm weather to start the week gave way to a drastic cool down that was accompanied by some severe activity. Damaging winds and tornadoes were prevalent with the mid-week storms. The weekend brought warm and dry weather across the state. Planting of corn and soybeans is ramping up and will gain more steam with each day of conducive conditions. The storms stymied field progress as farmers contended with wet soil and cleanup. Tobacco transplant seeding continues to be on pace with last year at 52 percent. Although winter wheat condition remains mostly good, the margins have become smaller. It is possible that freeze assessment is now complete from the week before last leading to a downgrade in the overall condition. Recent rain has kept some farmers from finishing nitrogen applications to wheat. The average height of winter wheat is 13 inches at this juncture. Two percent of the wheat crop is headed. Fourteen percent of apples are in bloom. Thirty-one percent of peaches are blooming. There were reports of aborted flower buds in peaches resulting from freezing temperatures last month.

Pasture ground has shown some deterioration, but remains mostly good. Warmer temperatures are starting to push growth just as hay supplies are getting thin for many.

SOIL MOISTURE for week ending 04/09/23

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	2	78	20
Subsoil	-	4	82	14

- Represents zero.



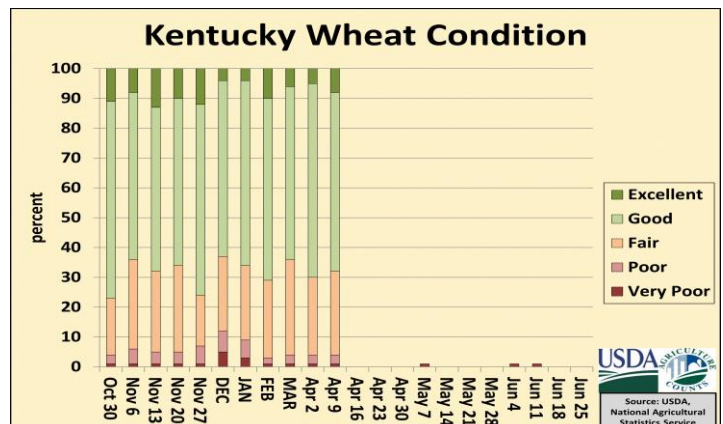
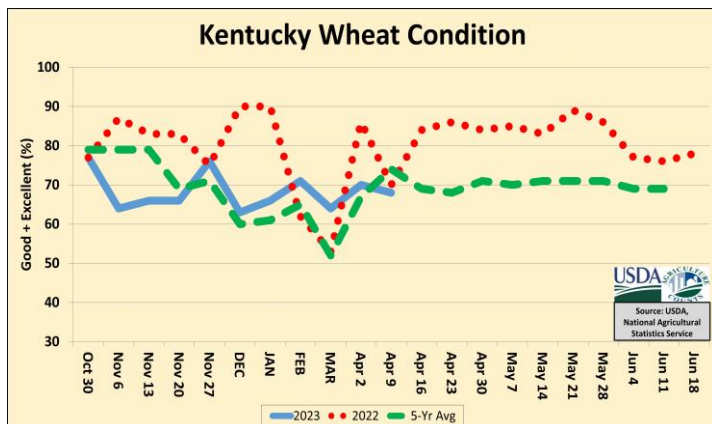
CROP PROGRESS for week ending 04/09/23

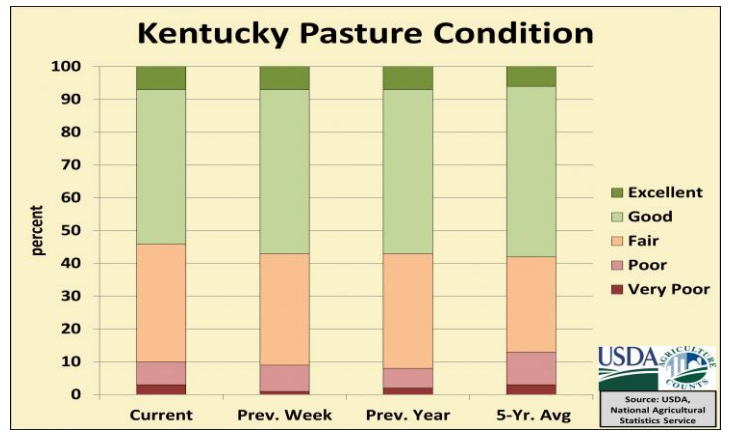
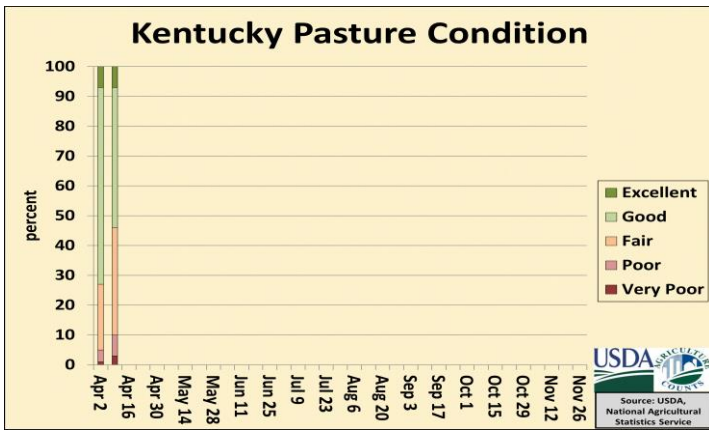
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	14	-1	-1	-1
Corn Planted	5	2	4	4
Peaches Blooming	31	-1	-1	-1
Soybeans Planted	4	1	1	1
Tobacco Transplants Seeded	52	36	53	58
Winter Wheat Headed	2	-1	-1	1

- Represents not available.

CROP CONDITIONS for week ending 04/09/23

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	7	36	47	7
Wheat	1	3	28	60	8





Kentucky Climate Summary
For the Period April 3, 2023 to April 9, 2023

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State saw well above normal temperatures over the first half of the workweek. In fact, highs jumped into the 80s for many across Kentucky on Tuesday and Wednesday. The Owsley County Mesonet station even hit 90. Normal high temperatures for this time of year run in the mid to upper 60s. Showers and storms returned to the area on Wednesday with the passage of a cold front. A broken line of storms led to some bouts of damaging winds and even several tornadoes. Light rain lingered into Thursday before clearing out for the end of the week. Overall though, the state only averaged about a half inch. Below normal temperatures were the norm behind the frontal boundary with highs typically in the 50s to low 60s. The first frost advisories of the spring season were issued for Saturday night across Eastern Kentucky as valley locations dropped below freezing.

Temperatures for the period averaged 58 degrees across the state which was 5 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 69 in the West to 68 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 50 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at BOONEVILLE 2S and the extreme low was 26 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.57 inches statewide which was 0.44 inches below normal and 56% of normal. Precipitation totals by climate division, West 0.55 inches, Central 0.68 inches, Bluegrass 0.56 inches and East 0.51 inches, which was 0.49, 0.35, 0.41 and 0.49 inches below normal. By station, precipitation totals ranged from a low of 0.04 inches at MOREHEAD 4NE to a high of 1.33 inches at BURLINGTON 4S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/09/23 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)	0.19	15.46	4.21	1.48	-0.01	84	40	58	2			
Christian	Hopkinsville(M)	0.30	17.06	4.69	3.31	0.36	85	41	58	3	69	54	61
Daviess	Owensboro(AP)	0.34	13.83	4.53	1.70	0.50	86	41	60	6			
Fulton	Hickman(M)	0.30	19.30	4.98	5.38	0.86	86	45	60	4			
Marshall	Benton(M)	0.23	18.62	5.05	1.95	0.24	85	42	59	2	67	53	60
McCracken	Paducah(AP)	0.47	20.72	4.63	6.80	0.51	86	41	63	7			
McLean	Calhoun(M)	0.41	17.28	4.70	2.58	0.07	84	37	57	0	72	44	58
Todd	Elkton(M)	0.44	16.92	4.83	3.17	0.50	85	38	58	3			
Union	Morganfield(M)	0.36	15.93	4.87	3.80	0.84	83	40	57	3	70	48	59
Central KY													
Barren	Glasgow(M)	0.64	16.51	4.71	2.23	0.62	83	37	57	3	65	49	56
Breckinridge	Hardinsburg(M)	0.43	17.01	4.17	3.58	0.11	81	35	57	4	67	46	57
Clinton	Albany(M)	1.01	14.13	3.82	-2.81	-0.87	85	38	57	5	69	49	58
Hardin	Elizabethtown(M)	0.39	17.01	3.90	3.58	-0.16	82	39	57	4	64	48	55
Hart	Munfordville(M)	0.72	17.34	5.71	2.62	1.45	84	39	57	0	66	49	57
Jefferson	Louisville(AP)	0.28	15.69	4.44	2.86	0.36	85	37	59	3			
Taylor	Campbellsville(M)	0.76	18.17	5.24	4.23	1.01	86	33	57	3			
Warren	Bowling_Green(AP)	0.62	14.54	4.94	0.85	0.91	86	36	60	4			
Bluegrass													
Boone	Cinci./NKY(AP)	1.35	14.67	5.04	2.66	1.20	77	37	55	4			
Boyle	Danville(M)	0.33	16.73	3.36	3.46	-0.77	85	32	56	2	71	44	57
Fayette	Lexington(AP)	0.52	15.38	3.69	2.47	-0.23	87	36	58	5			
Franklin	Frankfort(M)	0.32	15.23	3.41	2.46	-0.74	84	35	56	3	66	49	57
Madison	Richmond(M)	0.39	14.36	3.20	1.09	-0.93	84	28	56	2			
Mason	Maysville(M)	0.26	13.69	3.77	0.47	-0.46	84	30	54	4	65	45	54
Eastern KY													
Breathitt	Jackson(AP)	0.60	14.35	3.93	0.16	-0.25	89	41	59	4			
Harlan	Harlan(M)	0.59	19.27	3.70	5.07	-0.50	75	32	49	-2	64	41	53
Lawrence	Louisa(M)	0.30	12.88	3.21	0.69	-0.49	92	28	56	4			
Pike	Pikeville(M)	0.43	13.16	2.93	0.97	-0.77	83	34	54	2			
Pulaski	Somerset(M)	0.55	14.16	4.12	0.89	-0.01	85	33	57	3			
Rowan	Morehead(M)	0.04	12.91	3.07	-0.24	-0.99	88	29	56	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