



Crop Progress and Condition

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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 well above normal temperatures and much above normal precipitation over the past week. Precipitation for the week totaled 1.71 inches, 0.65 inches above normal. Temperatures averaged 61 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 6 percent short, 69 percent adequate and 25 percent surplus. **Subsoil moisture** was rated 10 percent short, 71 percent adequate, and 19 percent surplus. Days suitable for fieldwork averaged 3.0 out of a possible seven.

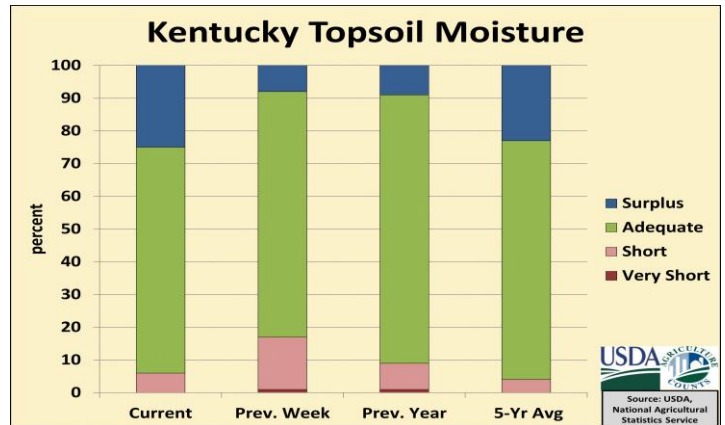
Primary activities this week included seeding tobacco transplants and final preparations before planting is in full swing. Heavy rainfall over the past week likely slowed any planting that was scheduled to occur. Corn is currently at nine percent planted, down slightly from the 5 year average of eleven percent at this time. Soybeans are at eight percent planted. Seeding of tobacco transplants continues normally, with sixty percent seeded. Seventy-four percent of tobacco transplants were under 2 inches, with twenty three percent between 2-4 inches, and three percent over 4 inches. Conditions of these are overall favorable, with one percent being reported as poor, thirteen percent as fair, eighty percent good, and six percent excellent. The average height of winter wheat was 15 inches with eight percent of the crop reported as having headed. Condition of the crop has improved slightly from last week, with 1 percent being reported as poor, nine percent as fair, seventy-one percent as good, and nineteen percent as excellent. Alfalfa hay average height was 3 inches. Alfalfa hay freeze damage was reported as one percent severe, three percent moderate, twenty one percent light, with seventy five percent experiencing none.

The warmer than usual weather and plenty of rain have allowed forage in many pastures to perform well so far this spring. Currently reports indicate that one percent of pastures are very poor, seven percent are poor, twenty seven percent fair, fifty eight percent good, and seven percent excellent.

SOIL MOISTURE for week ending 04/21/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	6	69	25
Subsoil	-	10	71	19

- Represents zero.



CROP PROGRESS for week ending 04/21/24

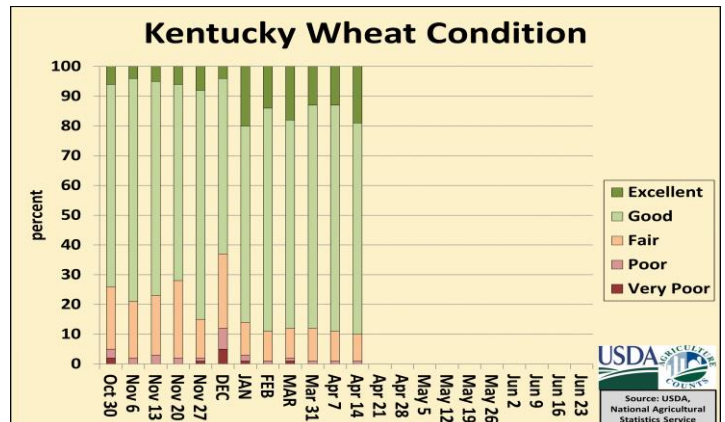
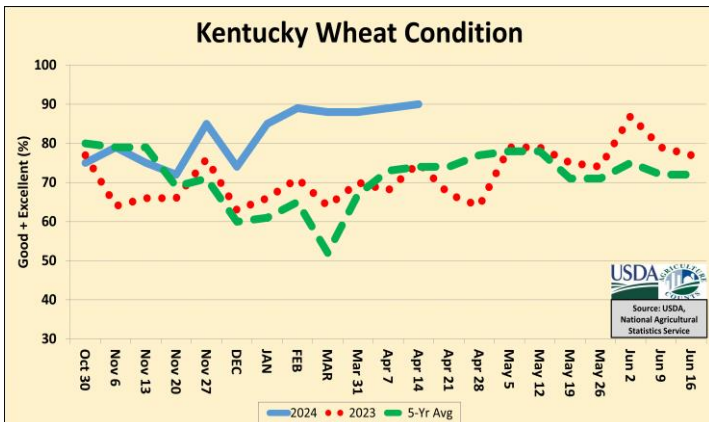
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	9	5	11	11
Soybeans Planted	8	5	6	3
Tobacco Transplants Seeded	60	48	68	67
Winter Wheat Headed	8	4	5	4

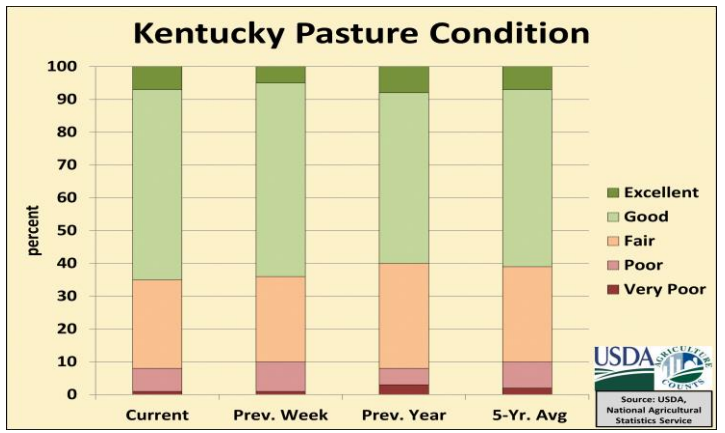
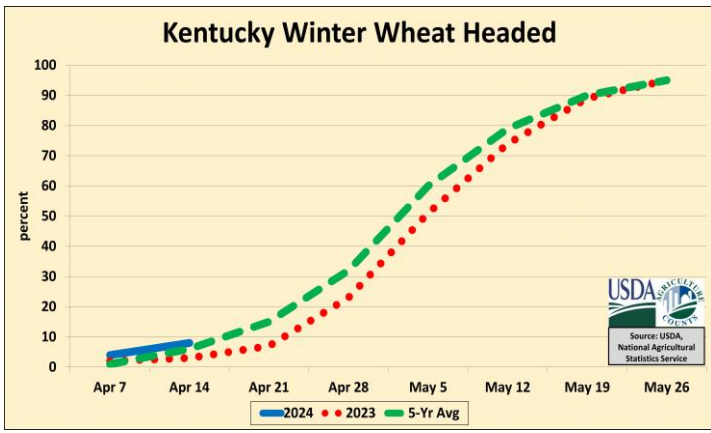
-1 Shown when data not available.

CROP CONDITIONS for week ending 04/21/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	7	27	58	7
Tobacco Transplants	-	1	13	80	6
Wheat	-	1	9	71	19

- Represents zero.





Kentucky Climate Summary
For the Period April 8, 2024 to April 14, 2024

Well Above Normal Temperatures and Much Above Normal Rainfall:

The period opened with warm and dry conditions for Eclipse Day. Luckily, only opaque high-level clouds were present for those in the zone of totality, allowing for a good viewing experience. The next few days were very active for the Bluegrass State with intermittent rounds of widespread rainfall. Ultimately, the state averaged 1.71 inches. The highest totals were seen across West-Central KY, extending northwest into the Bluegrass Region and Northeastern KY, where many saw 2 to 3+ inches. Skies cleared over the weekend with highs jumping well into the 70s Saturday and even the low to middle 80s on Sunday.

Temperatures for the period averaged 61 degrees across the state which was 6 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 71 in the West to 70 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 53 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at YELLOW CREEK and the extreme low was 34 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 1.71 inches statewide which was 0.65 inches above normal and 161% of normal. Precipitation totals by climate division, West 1.69 inches, Central 1.65 inches, Bluegrass 2.04 inches and East 1.44 inches, which was 0.56, 0.56, 1.01 and 0.43 inches above normal. By station, precipitation totals ranged from a low of 0.52 inches at FRANKLIN 4SW to a high of 3.17 inches at MADISONVILLE 4S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/07/24 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	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	1.89	11.93	3.08	-2.88	-1.21	80	38	61	3			
Christian	Hopkinsville(M)	2.10	12.65	2.92	-1.86	-1.39	82	44	61	4	70	56	63
Daviess	Owensboro(AP)	1.83	10.32	2.86	-2.60	-1.26	82	42	62	6			
Fulton	Hickman(M)	1.46	14.73	2.91	-0.01	-1.28	80	39	62	4			
Marshall	Benton(M)	1.21	11.64	2.84	-5.93	-1.96	80	40	62	4	66	55	60
McCracken	Paducah(AP)	1.34	14.21	3.05	-0.53	-1.14	81	40	64	6			
McLean	Calhoun(M)	2.40	12.80	3.84	-2.75	-0.78	80	43	60	1	72	47	60
Todd	Elkton(M)	2.08	13.30	3.83	-1.21	-0.48	80	36	59	2			
Union	Morganfield(M)	0.77	10.31	1.82	-2.61	-2.30	83	44	62	6			
Central KY													
Barren	Glasgow(M)	1.26	14.21	3.50	-0.87	-0.65	82	40	60	5			
Breckinridge	Hardinsburg(M)	2.73	14.82	3.82	0.54	-0.40	82	40	60	5	68	51	60
Clinton	Albany(M)	1.62	17.44	3.81	-0.32	-0.86	83	37	59	6	70	50	60
Hardin	Elizabethtown(M)	2.34	15.20	3.19	0.92	-1.03	81	40	59	4	61	52	57
Hart	Munfordville(M)	1.15	15.56	3.34	0.06	-0.87	82	47	60	1	63	54	58
Jefferson	Louisville(AP)	1.93	13.20	3.33	-0.40	-0.78	85	47	63	5			
Taylor	Campbellsville(M)	2.09	16.99	4.19	2.32	0.02	83	44	60	4			
Warren	Bowling_Green(AP)	1.25	13.91	3.37	-0.55	-0.70	85	40	62	4			
Bluegrass													
Boone	Cinci./NKY(AP)	1.80	13.83	3.93	1.09	0.04	81	41	59	6			
Boyle	Danville(M)	2.05	17.69	5.47	3.71	1.37	82	47	61	5	70	49	59
Fayette	Lexington(AP)	2.40	17.62	4.26	4.00	0.36	82	45	61	6			
Franklin	Frankfort(M)	2.75	16.18	4.39	2.66	0.23	81	46	60	5	62	53	57
Madison	Richmond(M)	2.13	16.17	4.52	2.19	0.42	81	44	58	2			
Mason	Maysville(M)	1.34	14.74	4.75	0.77	0.54	79	42	58	6	61	52	57
Eastern KY													
Breathitt	Jackson(AP)	1.91	16.03	3.21	1.10	-0.94	83	45	62	5			
Harlan	Harlan(M)	2.28	18.11	4.84	3.17	0.69	69	35	49	-4	63	42	51
Lawrence	Louisa(M)	1.38	15.25	4.55	2.45	1.01	85	40	59	5			
Pike	Pikeville(M)	2.30	13.64	4.21	0.84	0.67	78	38	56	2			
Pulaski	Somerset(M)	1.28	15.84	4.00	1.86	-0.10	81	41	58	2			
Rowan	Morehead(M)	1.83	17.16	5.54	3.26	1.49	81	36	57	4			

Climate narrative and data table provided by the 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