



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
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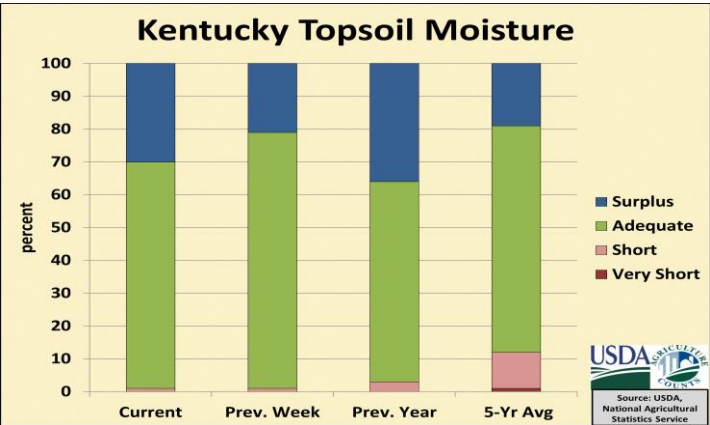
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 2.01 inches, 0.83 inches above normal. Temperatures averaged 69 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 1 percent short, 69 percent adequate, and 30 percent surplus. **Subsoil moisture** was rated 1 percent short, 73 percent adequate, and 26 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

Primary activities for this week included planting corn, soybeans, and tobacco. Unstable weather and summer like humidity prevailed through much of the week. The weekend brought severe weather that included heavy rain and tornadic activity. Widespread damage and flooded fields were observed in portions of the state. Farmers continue to forge ahead with planting despite weather obstacles. Corn and soybeans are tracking behind recent history as planted crops emerge. With transplant supplies at 100 percent adequate, tobacco setting is on pace with previous years. The average height of transplants are reported as 15 percent less than two inches, 32 percent two to four inches, and 53 percent larger than four inches. The wheat crop is 88 percent headed at this juncture. The condition of wheat continues to be mostly good after the threat of damage from the recent rash of storms.

Pasture conditions are improving due to the consistently warm temperatures and precipitation. As re-growth accelerates, there should be plenty for livestock to graze on.

SOIL MOISTURE for week ending 05/18/25				
	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	69	30
Subsoil	-	1	73	26

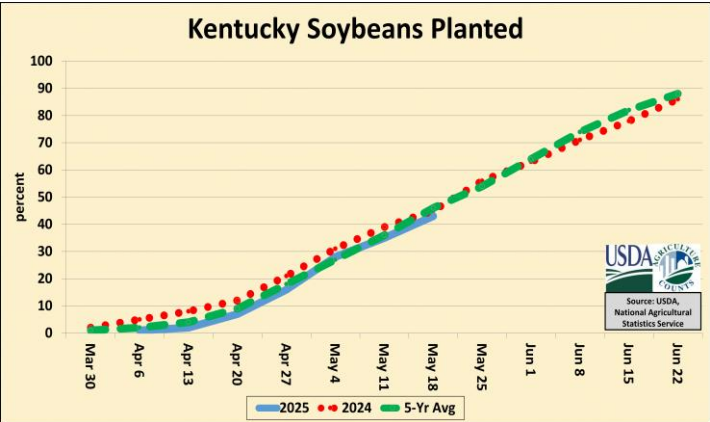
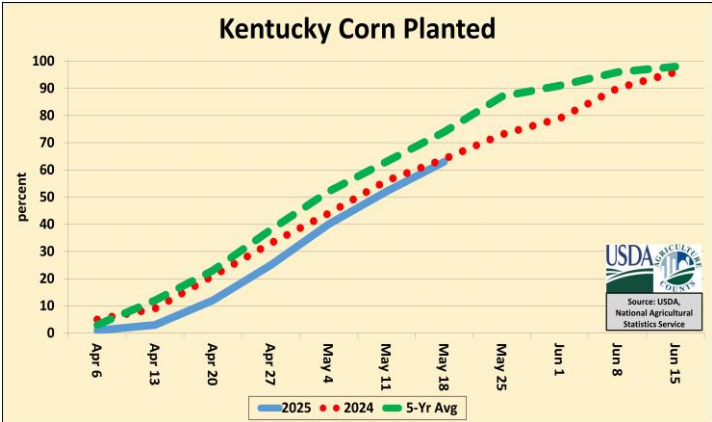
- Represents zero.

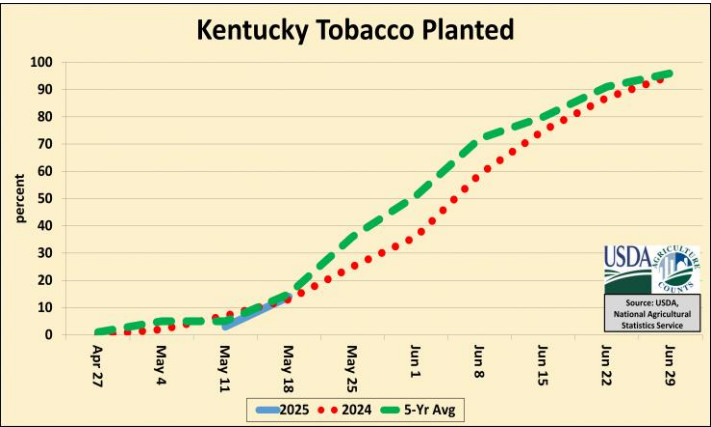
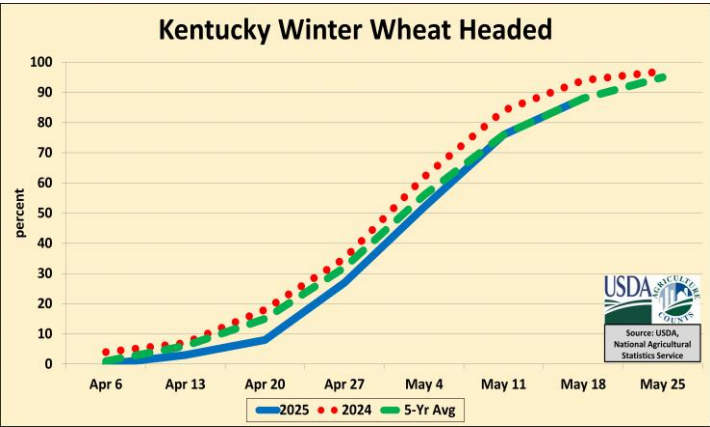


CROP PROGRESS for week ending 05/18/25				
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	63	52	64	74
Corn Emerged	43	33	48	52
Soybeans Planted	43	35	45	46
Soybeans Emerged	26	16	30	26
Tobacco Set	14	3	13	15
Winter Wheat Headed	88	76	94	88

CROP CONDITIONS for week ending 05/18/25					
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	-	5	19	67	9
Wheat	1	3	25	60	11

- Represents zero.





Kentucky Climate Summary
For the Period May 12, 2025 to May 18, 2025

Above Normal Temperatures and Rainfall:

Kentucky experienced a devastating severe weather outbreak this past week, with the most intense activity unfolding Friday afternoon into the overnight hours. A highly unstable atmosphere, combined with strong wind energy, created ideal conditions for severe thunderstorms and tornadoes. Multiple tornadoes were confirmed across the state, including several rated strong to violent, resulting in catastrophic damage and tragic loss of life. An EF-3 tornado with peak winds of 155 mph struck Morganfield, while two EF-2 tornadoes were surveyed near Hopkinsville. A long-track tornado affecting Pulaski and Laurel Counties remains under assessment, though EF-3 damage has already been confirmed. Our thoughts and prayers are with all those impacted by these devastating storms.

Beyond the severe weather, the state averaged 2.01 inches of rainfall for the week, most of which fell on Friday. The workweek was active overall, with several rounds of showers and storms, particularly across the state’s midsection, where many areas recorded 2 to 3+ inches of rain. Ahead of the outbreak, Thursday and Friday brought a preview of summer, with highs climbing into the mid to upper 80s and dewpoints near 70°F, creating a very humid environment. In the wake of the storms, a cooler and drier air mass settled in over the weekend.

Temperatures for the period averaged 69 degrees across the state which was 4 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 80 in the West to 77 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at FORT CAMPBELL and the extreme low was 51degrees at PAINTSVILLE 4W. Precipitation (liq. equ.) for the period totaled 2.01 inches statewide which was 0.83 inches above normal and 171% of normal. Precipitation totals by climate division, West 1.70 inches, Central 2.10 inches, Bluegrass 1.44 inches and East 2.79 inches, which was 0.54, 0.85, 0.26 and 1.67 inches above normal. By station, precipitation totals ranged from a low of 0.22 inches at ALEXANDRIA 5NW to a high of 5.09 inches at JACKSON 3SE.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/18/25 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
		<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Western KY													
Caldwell	Princeton(M)	2.74	37.10	5.76	16.41	0.96	86	57	71	4			
Christian	Hopkinsville(M)	1.73	36.66	3.86	16.18	-1.17	85	58	70	3	80	64	72
Daviess	Owensboro(AP)	1.58	24.66	4.77	5.86	-0.07	88	53	72	5			
Fulton	Hickman(M)	2.51	32.28	5.35	11.52	0.44	84	60	71	3			
Marshall	Benton(M)	2.35	39.19	5.68	15.12	0.34	84	58	71	3	81	66	74
McCracken	Paducah(AP)	2.02	25.91	4.19	5.15	-0.72	83	53	71	3			
McLean	Calhoun(M)	0.83	27.57	3.98	6.17	-0.82	87	58	71	2	81	66	73
Todd	Elkton(M)	1.28	33.02	4.70	12.54	-0.33	84	57	70	3			
Union	Morganfield(M)	1.45	26.66	4.92	7.86	0.08	86	58	71	4			
Central KY													
Barren	Glasgow(M)	1.68	33.32	4.52	12.19	-0.53	84	57	70	4	80	66	72
Breckinridge	Hardinsburg(M)	2.53	31.22	5.23	10.17	-0.44	86	56	70	5	78	67	72
Clinton	Albany(M)	1.35	33.21	7.10	9.23	1.92	83	56	69	5	80	66	73
Hardin	Elizabethtown(M)	3.34	35.40	6.21	14.35	0.54	84	56	69	4			
Hart	Munfordville(M)	3.20	35.73	7.03	14.25	2.07	83	56	70	1	73	65	68
Jefferson	Louisville(AP)	0.65	26.38	3.78	6.81	-1.22	86	53	72	4			
Taylor	Campbellsville(M)	2.87	35.69	7.20	14.96	2.08	85	55	69	3			
Warren	Bowling_Green(AP)	2.00	33.78	5.12	13.48	0.27	87	53	72	4			
Bluegrass													
Boone	Cinci./NKY(AP)	0.98	22.53	5.07	4.43	0.64	84	53	69	5			
Boyle	Danville(M)	3.06	31.81	6.50	12.02	1.62	82	56	68	3	79	66	72
Fayette	Lexington(AP)	1.61	29.20	5.71	9.89	0.90	83	52	68	3			
Franklin	Frankfort(M)	2.51	32.95	8.68	13.70	3.87	84	55	68	3	76	65	70
Madison	Richmond(M)	2.45	27.68	5.13	7.89	0.25	85	54	67	2			
Mason	Maysville(M)	0.81	23.45	4.69	3.90	0.05	84	56	67	4	71	61	66
Eastern KY													
Breathitt	Jackson(AP)	4.90	30.06	8.06	9.56	3.38	83	52	67	2			
Harlan	Harlan(M)	1.72	29.45	5.62	9.04	1.00	70	52	60	-4	69	58	63
Lawrence	Louisa(M)	1.55	19.76	3.50	2.25	-0.46	86	53	68	5			
Pike	Pikeville(M)	3.86	24.57	6.36	7.06	2.40	77	55	64	1			
Pulaski	Somerset(M)	2.90	33.08	7.19	13.29	2.31	83	53	67	2			
Rowan	Morehead(M)	2.17	26.50	5.47	6.83	0.64	84	52	66	3			

Climate narrative and data table provided by Matthew Dixon, Senior Meteorologist, 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