



Crop Progress and Condition

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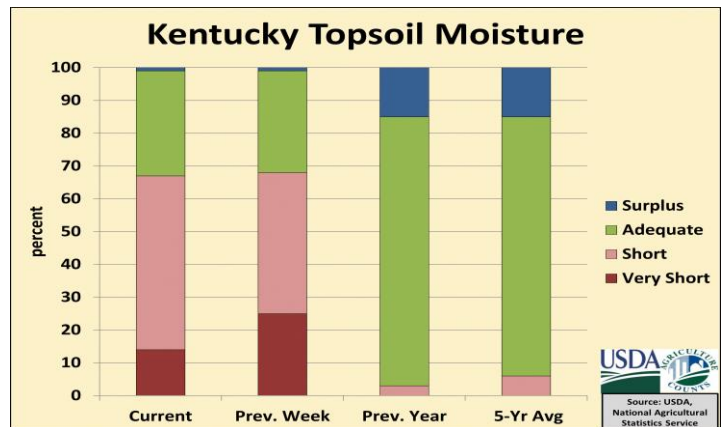
Agricultural News: Kentucky experienced well below normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.21 inches, 0.75 inches below normal. Temperatures averaged 33 degrees for the week, 14 degrees below normal. **Topsoil moisture** was rated 14 percent very short, 53 percent short, 32 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 18 percent very short, 56 percent short, 25 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven.

Primary activities for this week included stripping tobacco, seeding winter wheat, and harvesting soybeans. Weather turned very cold this past week with some precipitation mixed in. Despite the frigid conditions, farmers forged ahead in the fields when possible. The soybean harvest is now 93 percent complete. Currently, Tobacco is 62 percent stripped. Wheat planting is nearing completion as weather conditions have hindered emergence for some. Even with late germination due to lack of rain, wheat is rated in mostly good condition.

Pasture ground is in overall poor condition as weather has taken a heavy toll through the fall. Drought slowed regrowth tremendously through much of the season. With temperatures turning very cold, the reliance on hay will increase. Hay stocks may be low in the winter months due to early supplemental feeding along with variable yields.

SOIL MOISTURE for week ending 11/20/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	14	53	32	1
Subsoil	18	56	25	1



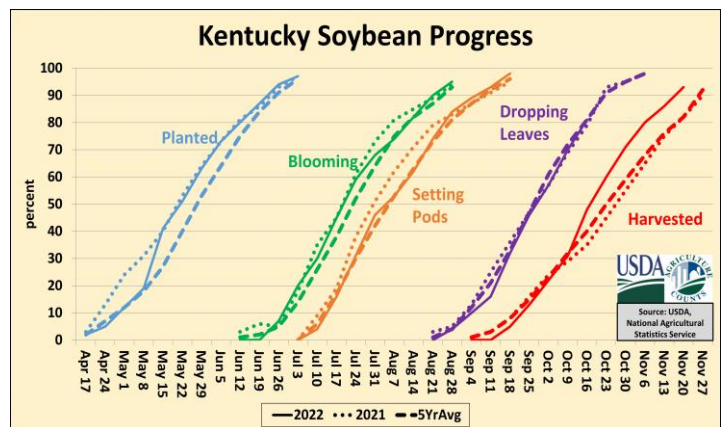
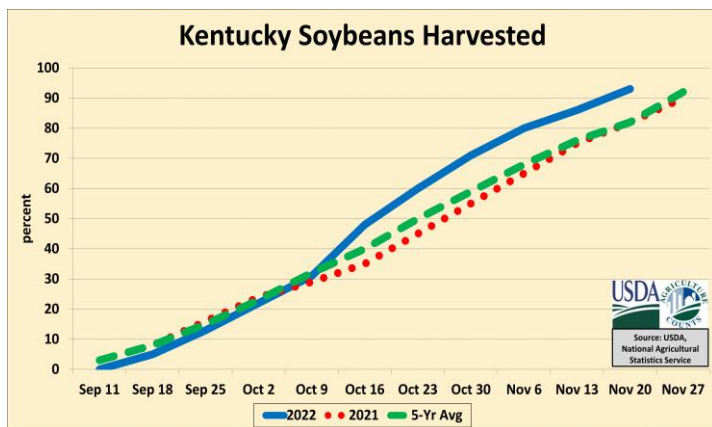
CROP PROGRESS for week ending 11/20/22

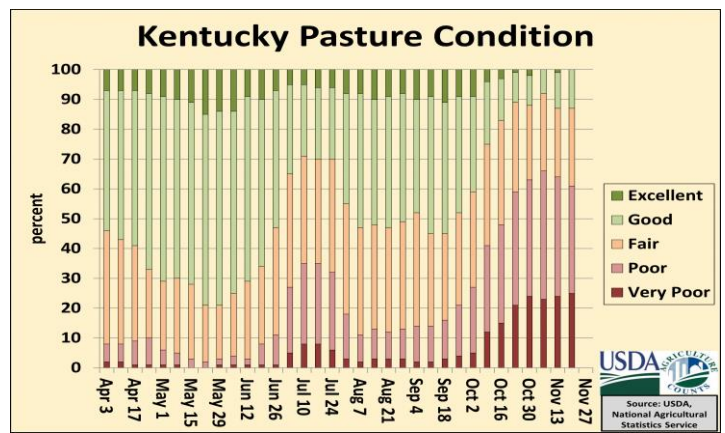
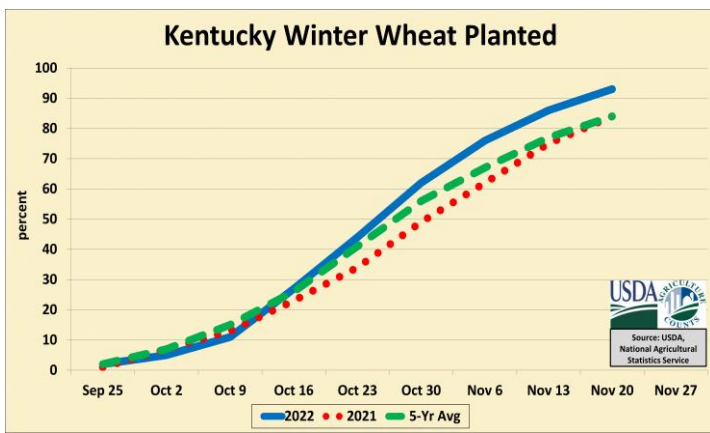
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Soybeans Harvested	93	86	82	82
Tobacco Stripped	62	54	62	63
Winter Wheat Seeded	93	86	84	84
Winter Wheat Emerged	66	53	58	66

CROP CONDITIONS for week ending 11/20/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	25	36	26	13	-
Wheat	1	4	29	56	10

- Represents zero.





**Kentucky Climate Summary
For the Period November 14, 2022 to November 20, 2022**

Well Below Normal Temperatures and Below Normal Rainfall:

Winter came early for the Bluegrass State with below normal temperatures in place for the entirety of the week. Highs struggled in the 30s on multiple occasions, which is 20+ degrees below normal for this time of year. Low temperatures even dipped into the teens on Saturday and Sunday morning, prompting the livestock cold stress index to dive into the danger and emergency categories. Outside of temperatures, the state saw periodic rounds of light precipitation. Some activity transitioned to a light snow, but warm ground temperatures limited any impacts. Overall, accumulations increased from west to east. While Western Kentucky only averaged 0.06 inches, that number increased to 0.43 for Eastern Kentucky.

Temperatures for the period averaged 33 degrees across the state which was 14 degrees cooler than normal and 22 degrees cooler than the previous period. High temperatures averaged from 42 in the West to 41 in the East. Departure from normal high temperatures ranged from 16 degrees cooler than normal in the West to 17 degrees cooler than normal in the East. Low temperatures averaged from 25 degrees in the West to 26 degrees in the East. Departure from normal low temperature ranged from 13 degrees cooler than normal in the West to 8 degrees cooler than normal in the East. The extreme high temperature for the period was 52 degrees at YELLOW CREEK and the extreme low was 10 degrees at CALHOUN 5NW.

Precipitation (liq. equ.) for the period totaled 0.21 inches statewide which was 0.75 inches below normal and 22% of normal. Precipitation totals by climate division, West 0.06 inches, Central 0.18 inches, Bluegrass 0.18 inches and East 0.43 inches, which was 1.05, 0.83, 0.65 and 0.44 inches below normal. By station, precipitation totals ranged from a low of 0.01 inches at CALHOUN 5NW to a high of 0.60 inches at PAINTSVILLE 4W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/20/22 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures			
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*
		<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>
Western KY										
Caldwell	Princeton(M)	0.03	23.99	1.80	-8.36	-1.77	47	13	31	-16
Christian	Hopkinsville(M)	0.03	28.74	1.98	-4.72	-1.50	46	17	33	-13
Daviess	Owensboro(AP)	0.09	19.86	2.25	-10.38	-1.26	48	15	34	-11
Fulton	Hickman(M)	0.05	26.55	2.60	-5.61	-1.08	46	17	34	-12
Marshall	Benton(M)	0.03	27.04	2.12	-8.81	-1.84	47	11	31	-15
McCracken	Paducah(AP)	0.06	24.01	3.01	-8.15	-0.67	47	15	34	-12
McLean	Calhoun(M)	0.01	26.15	1.38	-7.01	-2.32	46	10	31	-16
Todd	Elkton(M)	0.06	27.48	2.13	-5.98	-1.35	47	13	31	-15
Union	Morganfield(M)	0.03	24.15	2.52	-6.09	-0.99	46	17	32	-13
Central KY										
Barren	Glasgow(M)	0.19	26.13	2.21	-7.34	-0.99	48	17	33	-13
Breckinridge	Hardinsburg(M)	0.04	28.62	2.16	-4.90	-1.33	46	14	31	-14
Clinton	Albany(M)	0.46	30.62	2.58	-4.33	-0.56	50	15	33	-11
Hardin	Elizabethtown(M)	0.05	25.56	2.70	-7.96	-0.79	46	13	32	-13
Hart	Munfordville(M)	0.21	20.21	1.91	-13.73	-1.57	48	15	33	-16
Jefferson	Louisville(AP)	0.04	24.65	2.39	-6.91	-0.67	48	22	36	-11
Taylor	Campbellsville(M)	0.31	23.48	2.05	-9.71	-1.14	47	11	32	-13
Warren	Bowling_Green(AP)	0.08	24.21	2.35	-7.89	-0.85	51	19	36	-11
Bluegrass										
Boone	Cinci./NKY(AP)	0.13	31.27	2.11	1.51	-0.86	44	15	32	-11
Boyle	Danville(M)	0.32	24.09	1.89	-9.19	-1.15	46	15	31	-15
Fayette	Lexington(AP)	0.20	23.77	1.71	-9.10	-1.36	47	18	33	-11
Franklin	Frankfort(M)	0.17	24.64	1.88	-6.34	-1.20	46	17	31	-13
Madison	Richmond(M)	0.33	27.12	2.49	-6.16	-0.55	46	11	30	-16
Mason	Maysville(M)	0.26	26.96	1.84	-4.34	-1.05	43	17	30	-13
Eastern KY										
Breathitt	Jackson(AP)	0.45	32.29	1.76	-1.04	-1.23	47	20	33	-14
Harlan	Harlan(M)	0.51	38.29	3.98	5.56	1.25	46	19	34	-11
Lawrence	Louisa(M)	0.55	28.36	2.93	-1.94	0.21	48	16	33	-11
Pike	Pikeville(M)	0.36	38.92	2.93	8.62	0.21	43	16	30	-14
Pulaski	Somerset(M)	0.40	28.35	2.23	-4.93	-0.81	48	11	31	-15
Rowan	Morehead(M)	0.33	28.87	2.25	-4.95	-0.69	45	17	31	-13

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