



Crop Progress and Condition

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Cooperative Extension Service

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Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.02 inches, 0.68 inches below normal. Temperatures averaged 51 degrees for the week, 6 degrees below normal. **Topsoil moisture** was rated 44 percent very short, 40 percent short, 15 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 38 percent very short, 42 percent short, and 20 percent adequate. Days suitable for fieldwork averaged 6.8 out of a possible seven.

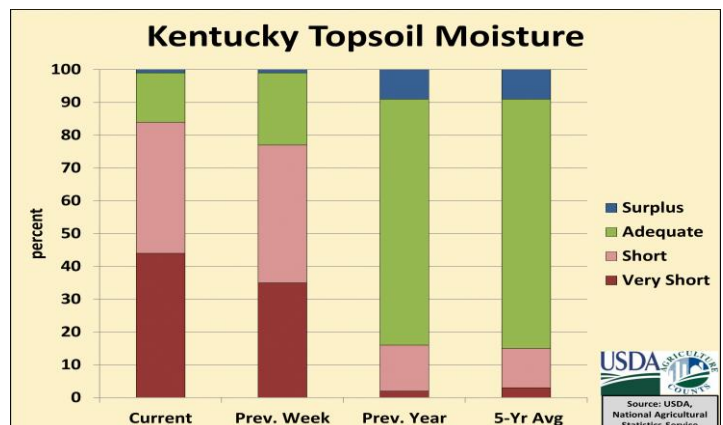
Primary activities for this week included stripping tobacco, seeding winter wheat, and harvesting corn and soybeans. The state continues to be in a moderate to severe drought. Although these conditions are conducive to field work, the persistently dry conditions are taking a toll. Farmers are contending with insufferable dust and fires in some instances. Grain moisture in soybeans is very low leading to harvest loss. There is a good deal of worry for both corn and soybean yields overall. A main grain barge in the state is unable to transport due to extremely low water levels. Producers with on farm storage have shifted focus in hopes that rain will come and help resolve the issue. Corn is now 85 percent harvested. Ninety-five percent of the soybean crop is coloring at this juncture. The bean harvest is rolling along at 60 percent complete as 88 percent of the crop is dropping leaves. Soybean condition has worsened due to the very dry weather. Currently, Tobacco is 35 percent stripped. Quality is becoming a concern as moisture is needed to bring housed tobacco in case. The condition of housed tobacco is 7 percent very poor, 10 percent poor, 23 percent fair, 54 percent good, and 6 percent excellent.

Pasture ground is in bad shape at this point. Lack of moisture and cool temperatures have halted re-growth as farmers are supplementing with hay. Ponds and streams are drying up and limiting water sources. Winter wheat seeding is moving forward, however some that was previously planted needs rain to emerge. Many producers are beginning to fear that wheat will not receive enough moisture to germinate.

SOIL MOISTURE for week ending 10/23/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	44	40	15	1
Subsoil	38	42	20	-

- Represents zero.



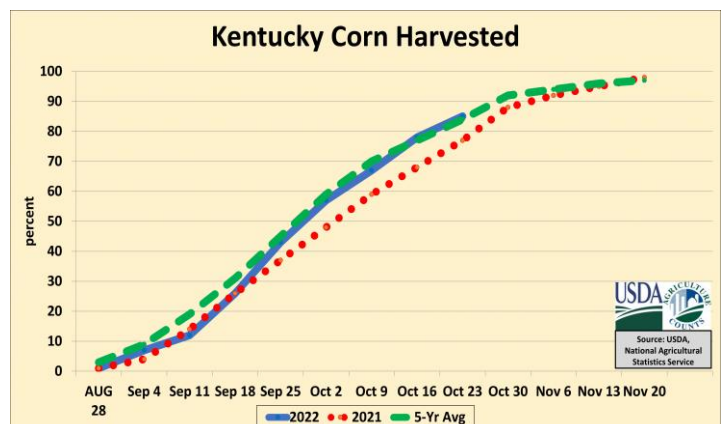
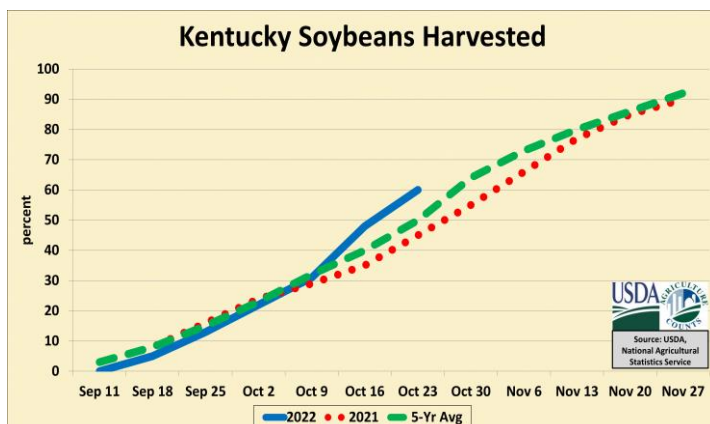
CROP PROGRESS for week ending 10/23/22

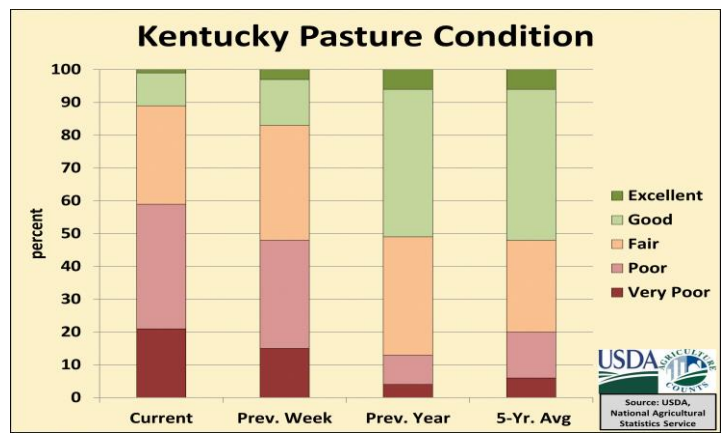
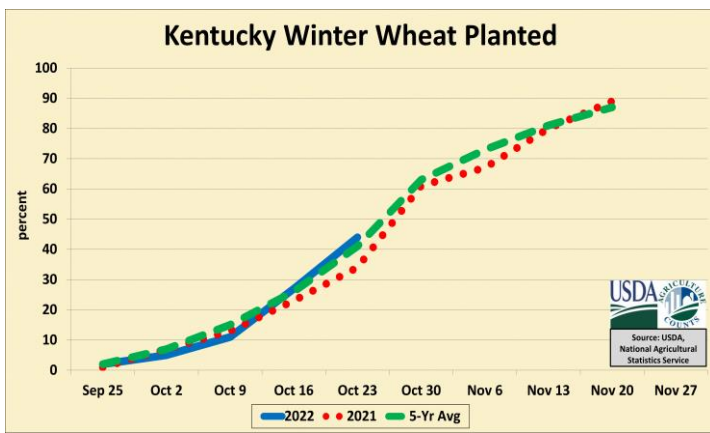
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	85	78	77	84
Soybeans Coloring	95	93	-1	-1
Soybeans Dropping Leaves	88	81	85	89
Soybeans Harvested	60	48	45	50
Tobacco Stripped	35	28	30	34
Winter Wheat Seeded	44	27	34	41
Winter Wheat Emerged	16	7	17	19

-1 Represents not available.

CROP CONDITIONS for week ending 10/23/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	21	38	30	10	1
Soybeans	5	14	34	39	8
Tobacco Housed	7	10	23	54	6





**Kentucky Climate Summary
For the Period October 17, 2022 to October 23, 2022**

Below Normal Temperatures and Rainfall:

The Commonwealth saw a sixth straight week of below normal rainfall as most of the state ended the period without a drop. The majority of the Kentucky has run 2-3+ inches below normal over the past 30 days. In doing so, nearly 70% of Kentucky is now in a moderate or severe drought according to the latest update of U.S. Drought Monitor. Just like the previous week, high winds and low relative humidity led to periods of elevated fire risk. 51 counties are now under a burn ban. Outside of the dry conditions, the growing season officially came to an end over the middle stages of the workweek. Most everyone dropped into the 20s at some point. Some even hit the low 20s. Following the midweek cold spell, temperatures went on the increase heading into the weekend when highs topped out in the middle 70s to low 80s.

Temperatures for the period averaged 51 degrees across the state which was 6 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 62 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 37 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 4 degrees cooler than normal in the East. The extreme high temperature for the period was 82 degrees at MADISONVILLE 4S and the extreme low was 19 degrees at MAYFIELD 6SW.

Precipitation (liq. equ.) for the period totaled 0.02 inches statewide which was 0.68 inches below normal and 3% of normal. Precipitation totals by climate division, West 0.00 inches, Central 0.01 inches, Bluegrass 0.01 inches and East 0.06 inches, which was 0.77, 0.7, 0.64 and 0.6 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 0.47 inches at PIKEVILLE 13S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/23/22 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.*
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F
Western KY										
Caldwell	Princeton(M)	0.00	22.19	0.03	-6.59	-3.69	79	24	51	-6
Christian	Hopkinsville(M)	0.00	26.76	0.11	-3.22	-3.36	80	26	52	-5
Daviess	Owensboro(AP)	0.01	17.61	0.08	-9.12	-3.17	81	27	54	-3
Fulton	Hickman(M)	0.00	23.95	0.04	-4.53	-3.60	81	28	54	-3
Marshall	Benton(M)	0.00	24.92	0.10	-6.97	-3.65	80	24	53	-4
McCracken	Paducah(AP)	0.00	21.00	0.21	-7.48	-3.43	82	26	55	-2
McLean	Calhoun(M)	0.00	24.77	0.00	-4.69	-3.74	81	23	51	-7
Todd	Elkton(M)	0.00	25.35	0.22	-4.63	-3.25	80	22	50	-7
Union	Morganfield(M)	0.00	21.63	0.01	-5.10	-3.24	80	28	53	-4
Central KY										
Barren	Glasgow(M)	0.00	23.92	0.35	-6.35	-3.11	77	31	51	-6
Breckinridge	Hardinsburg(M)	0.00	26.46	0.04	-3.57	-3.63	79	27	52	-4
Clinton	Albany(M)	0.00	28.04	0.85	-3.77	-2.32	76	27	49	-5
Hardin	Elizabethtown(M)	0.00	22.86	0.03	-7.17	-3.64	78	24	49	-7
Hart	Munfordville(M)	0.00	18.30	0.18	-12.16	-3.31	77	32	50	-9
Jefferson	Louisville(AP)	0.04	22.26	0.05	-6.24	-3.45	80	32	54	-4
Taylor	Campbellsville(M)	0.00	21.43	0.41	-8.57	-3.04	77	20	49	-7
Warren	Bowling_Green(AP)	0.00	21.86	0.21	-7.04	-3.14	80	30	53	-4
Bluegrass										
Boone	Cinci./NKY(AP)	0.02	29.16	0.07	2.37	-2.92	78	29	51	-3
Boyle	Danville(M)	0.00	22.20	1.20	-8.04	-2.17	77	33	55	-2
Fayette	Lexington(AP)	0.00	22.06	0.18	-7.74	-3.14	79	32	53	-2
Franklin	Frankfort(M)	0.02	22.76	0.03	-5.14	-3.31	79	30	50	-5
Madison	Richmond(M)	0.00	24.63	0.39	-5.61	-2.98	78	28	48	-8
Mason	Maysville(M)	0.00	25.12	0.52	-3.29	-2.50	78	30	50	-4
Eastern KY										
Breathitt	Jackson(AP)	0.00	30.53	0.38	0.19	-2.82	78	34	52	-4
Harlan	Harlan(M)	0.00	34.31	1.35	4.31	-1.78	66	23	41	-14
Lawrence	Louisa(M)	0.00	25.43	0.85	-2.15	-2.08	78	26	48	-6
Pike	Pikeville(M)	0.01	35.99	2.11	8.41	-0.82	70	28	47	-7
Pulaski	Somerset(M)	0.00	26.12	0.56	-4.12	-2.81	76	25	48	-8
Rowan	Morehead(M)	0.01	26.62	0.39	-4.26	-2.76	78	25	47	-7

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