



# 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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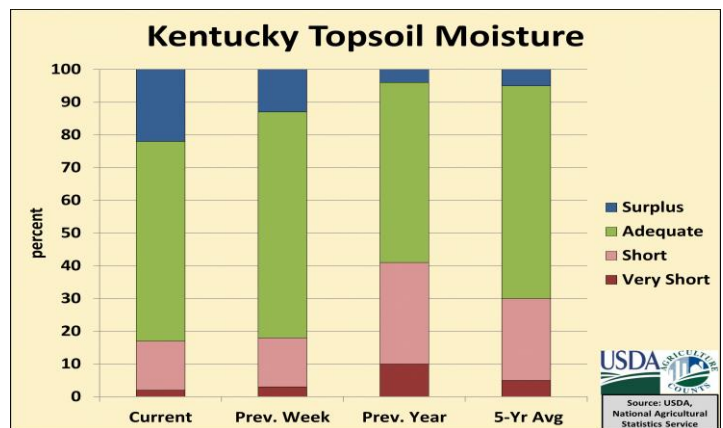
**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.91 inches, 0.96 inches above normal. Temperatures averaged 78 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 15 percent short, 61 percent adequate, and 22 percent surplus. **Subsoil moisture** was rated 3 percent very short, 19 percent short, 61 percent adequate, and 17 percent surplus. Days suitable for fieldwork averaged 3.7 out of a possible seven.

Primary activities for this week included spraying, cutting hay, topping tobacco, and monitoring field crops. Much of the state saw another week of heavy rain as eastern Kentucky attempts to recover from recent flooding. The rain helped in some areas, but exacerbated flooding issues in others. Soil erosion and field flooding were reported where the heaviest rain fell. Corn is 92 percent silking while 73 percent of the crop is in the milk stage. Fifty-five percent of corn is in the dough stage at this juncture with 33 percent of the crop denting. Overall corn condition has steadied despite some reported flood damage. There were reports of good grain fill, however for some, the recent rain is too little, too late. Seventy-four percent of soybeans are blooming with 53 percent of the crop setting pods. Two percent of the beans in the state are coloring. Much like corn, the overall condition of soybeans has stabilized. Farmers are applying fungicide to soybeans where necessary. Tobacco is 69 percent blooming at this time as 45 percent of the crop has been topped. The condition of tobacco has improved with recent rain. With that said, there are areas where too much rain has caused leaves to drop and mold to form.

Pasture growth has been aided by the recent rain, however livestock damage is evident as the ground is very soft. Despite being susceptible to animal traffic, pasture condition has improved slightly overall.

**SOIL MOISTURE for week ending 08/07/22**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	15	61	22
Subsoil	3	19	61	17



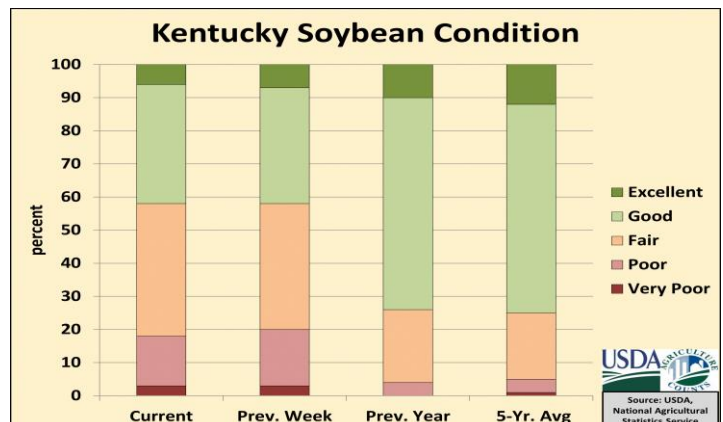
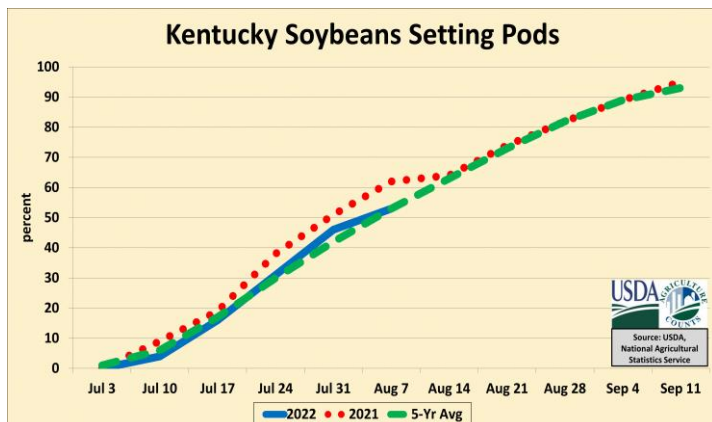
**CROP PROGRESS for week ending 08/07/22**

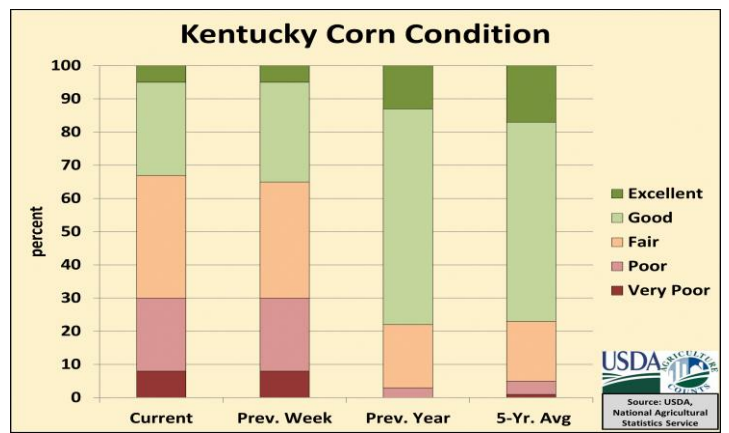
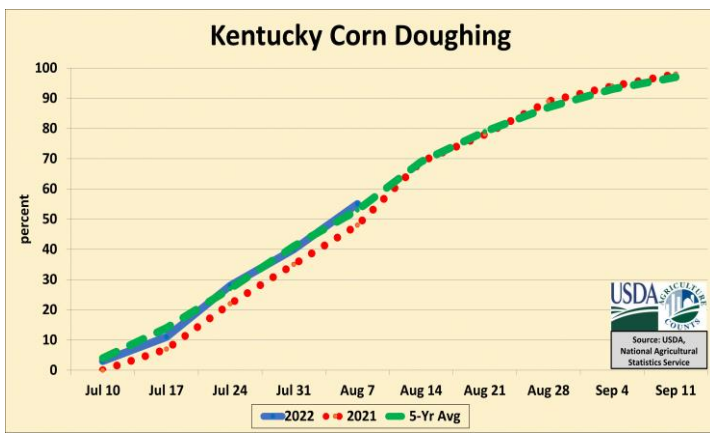
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	92	88	93	92
Corn Milked	73	61	71	73
Corn Dough	55	40	48	53
Corn Dent	33	20	23	30
Soybeans Blooming	74	68	81	75
Soybeans Setting Pods	53	46	62	53
Soybeans Coloring	2	-1	-1	-1
Tobacco Blooming	69	60	70	71
Tobacco Topped	45	34	48	48

**CROP CONDITIONS for week ending 08/07/22**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	8	22	37	28	5
Pasture	2	9	36	45	8
Soybeans	3	15	40	36	6
Tobacco Set	2	6	40	48	4

-1 Represents not available.





**Kentucky Climate Summary  
For the Period August 1, 2022 to August 7, 2022**

Above Normal Temperatures and Rainfall:

An active pattern continued over from the previous week with multiple rounds of showers and storms passing through the area. Overall, the state averaged 1.91 inches, most of which fell from Thursday onwards. Slow storms motions combined with intense rainfall to yet again produce numerous bouts of flash flooding, especially-so across the eastern half of KY where grounds were saturated. This rainfall added to an already very wet month of July. Officially, the state averaged 7.93 inches for the month, which is just over three inches above normal and good for the 4th wettest July ever recorded in Kentucky (128 year record).

Temperatures for the period averaged 78 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to near normal in the East. Low temperatures averaged from 72 degrees in the West to 69 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at BOWLING GREEN APT and the extreme low was 63 degrees at MIDDLESBORO AWOS.

Precipitation (liq. equ.) for the period totaled 1.91 inches statewide which was 0.96 inches above normal and 202% of normal. Precipitation totals by climate division, West 2.36 inches, Central 1.31 inches, Bluegrass 2.00 inches and East 1.97 inches, which was 1.45, 0.39, 1.07 and 0.94 inches above normal. By station, precipitation totals ranged from a low of 0.03 inches at HICKMAN 2E to a high of 5.36 inches at MCKEE 5S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 08/07/22 7 P.M.^**

County	Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
		Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1*	Norm. Last 4 Wks.*	High	Low	Wkly. Avg.	Dev. From Norm.*	Last Week	Since Apr 1	Dev. Since Apr 1
		Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
<b>Western KY</b>													
Caldwell	Princeton(M)	3.74	19.73	6.15	-0.07	2.25	91	67	80	2	210	2683	35
Christian	Hopkinsville(M)	3.19	23.64	5.23	3.29	1.02	91	66	79	0	206	2682	30
Daviess	Owensboro(AP)	1.10	13.57	5.35	-4.93	2.14	92	72	81	4	215	2807	243
Fulton	Hickman(M)	0.03	19.75	3.46	0.11	-0.17	91	69	79	0	208	2837	76
Marshall	Benton(M)	2.37	21.46	5.24	-0.90	1.08	91	68	80	1	213	2747	25
McCracken	Paducah(AP)	0.21	18.88	2.83	-0.76	-0.80	94	68	81	2	220	2964	203
McLean	Calhoun(M)	1.65	19.84	9.79	-1.10	5.84	91	67	79	0	203	2543	-279
Todd	Elkton(M)	3.81	20.80	7.05	0.45	2.84	93	68	79	0	209	2702	50
Union	Morganfield(M)	2.82	18.34	7.89	-0.16	4.68	91	67	79	2	206	2692	128
<b>Central KY</b>													
Barren	Glasgow(M)	1.34	19.64	5.10	-1.53	0.67	91	70	79	1	205	2625	131
Breckinridge	Hardinsburg(M)	1.92	22.52	10.51	1.51	7.07	90	69	78	1	202	2555	97
Clinton	Albany(M)	0.98	23.62	8.59	2.01	4.22	90	66	77	2	191	2511	305
Hardin	Elizabethtown(M)	0.36	16.93	6.64	-4.08	3.20	90	68	77	0	195	2523	65
Hart	Munfordville(M)	1.04	13.87	5.52	-6.83	1.42	90	69	78	0	201	2576	-244
Jefferson	Louisville(AP)	0.40	16.55	5.35	-2.69	1.68	94	72	82	2	224	2978	212
Taylor	Campbellsville(M)	1.55	17.08	6.30	-3.42	2.44	91	67	78	2	196	2529	113
Warren	Bowling_Green(AP)	0.86	18.96	4.93	-0.48	1.38	94	70	81	1	220	2995	257
<b>Bluegrass</b>													
Boone	Cinci./NKY(AP)	5.09	24.35	8.10	5.71	4.69	92	67	78	2	195	2509	277
Boyle	Danville(M)	1.61	19.32	6.44	-1.58	2.22	89	68	77	2	193	2495	169
Fayette	Lexington(AP)	1.39	17.50	6.00	-3.42	1.51	92	70	79	2	205	2708	332
Franklin	Frankfort(M)	2.11	20.46	6.39	0.95	2.39	91	66	77	0	190	2415	-12
Madison	Richmond(M)	2.61	19.75	7.02	-1.15	2.80	91	64	76	1	187	2403	77
Mason	Maysville(M)	1.06	18.73	3.80	-1.30	-0.74	92	66	77	1	192	2334	157
<b>Eastern KY</b>													
Breathitt	Jackson(AP)	2.13	27.20	14.28	6.02	9.73	91	67	78	2	196	2589	203
Harlan	Harlan(M)	2.28	28.58	11.32	7.64	6.60	77	61	68	-7	127	1523	-769
Lawrence	Louisa(M)	0.67	20.54	6.09	1.39	1.73	90	67	77	2	195	2440	240
Pike	Pikeville(M)	1.85	27.67	11.64	8.52	7.28	82	64	73	-1	162	2048	-152
Pulaski	Somerset(M)	2.34	23.18	8.72	2.28	4.50	90	65	77	2	189	2412	86
Rowan	Morehead(M)	2.43	22.73	7.63	1.12	2.61	89	66	76	1	183	2256	104

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](http://weather.uky.edu/climate_normals.php)