



Crop Progress and Condition

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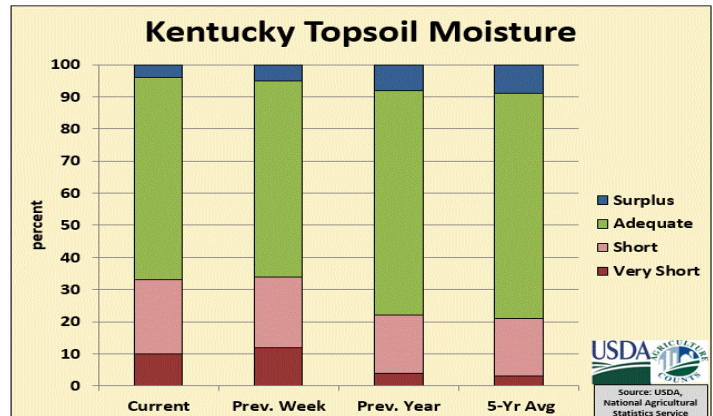
Agricultural News: Kentucky experienced slightly below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.24 inches, 0.18 inches above normal. Temperatures averaged 76 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 10 percent very short, 23 percent short, 63 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 9 percent very short, 26 percent short, 63 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Primary activities this week included monitoring row crops, topping tobacco, and cutting hay. Much of the state received rainfall this week, with the highest amount of precipitation falling in the Central and Bluegrass regions. With that said, producers in the Central and Eastern parts of Kentucky are still experiencing drought conditions. Some farmers have reportedly started cutting their burley tobacco. Statewide, 44 percent of the tobacco crop is blooming, and 21 percent is topped. This is slightly behind the 5-year average of 50 percent blooming and 25 percent topped. The corn crop is progressing nicely, with 83 percent silking, 51 percent in the milk stage, 30 percent doughing, and 10 percent in the dent stage. Finally, soybeans are looking a little ahead of schedule as 66 percent are blooming and 42 percent are setting pods. Crop conditions remain largely unchanged from last week.

Pasture and range conditions have improved slightly, with 56 percent rated good or excellent. Livestock condition is looking very good, with 82 percent rated good or excellent and only 2 percent very poor or poor. Hay condition is mostly good despite need for rain in some areas. For hay and roughage supplies, producers reported 4% very short, 17% short, 71% adequate, and 8% surplus. Some producers have had to feed first cutting of hay due to drought conditions. Some rain would help support late cuttings of hay to avoid short supply this winter.

SOIL MOISTURE for week ending 07/28/24

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	23	63	4
Subsoil	9	26	63	2

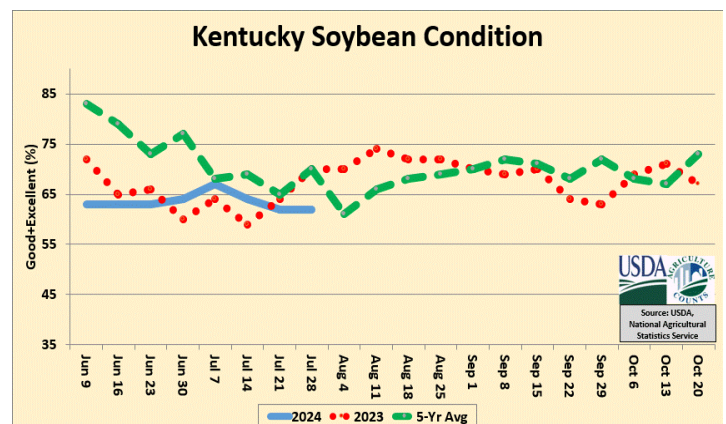
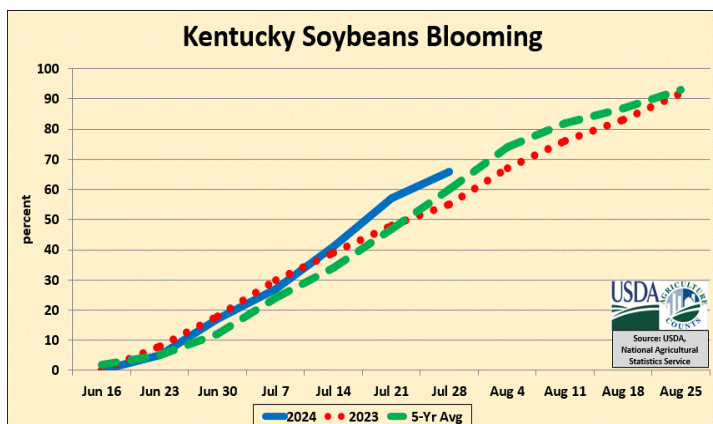


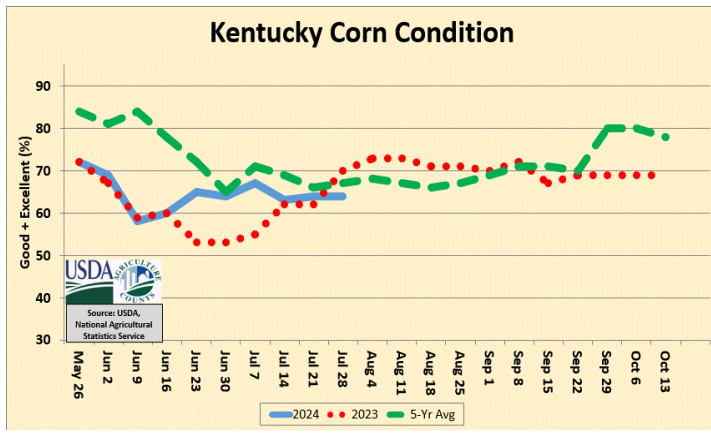
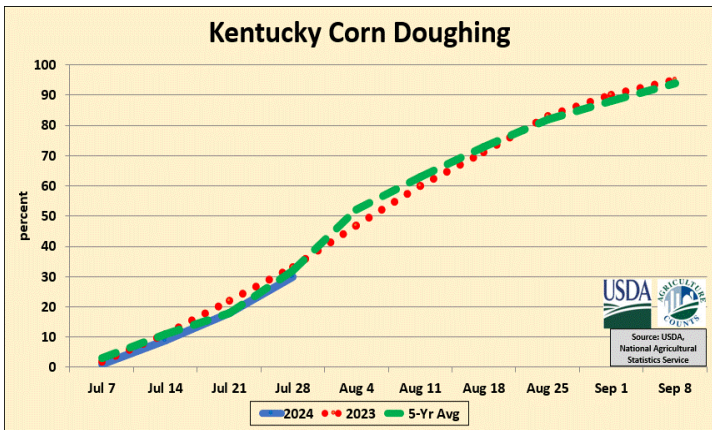
CROP PROGRESS for week ending 07/28/24

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	83	77	81	82
Corn Milked	51	42	49	52
Corn Dough	30	18	33	32
Corn Dent	10	1	8	11
Soybeans Blooming	66	57	55	60
Soybeans Setting Pods	42	32	36	37
Tobacco Blooming	44	35	43	50
Tobacco Topped	21	11	21	25

CROP CONDITIONS for week ending 07/28/24

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	9	25	56	8
Hay	1	3	22	61	13
Livestock	1	1	16	69	13
Pasture	5	12	27	48	8
Soybeans	2	8	28	54	8
Tobacco Set	1	4	23	70	2





**Kentucky Climate Summary
For the Period July 22, 2024 to July 28, 2024**

Slightly Below Normal Temperatures and Above Normal Rainfall:

The state experienced a fairly active week with near-daily rounds of rainfall. That said, coverage was typically isolated to scattered in nature, leading to a wide range of accumulations across the state. While some locations saw less than a quarter inch, others received over two inches. Luckily, a large portion of the Southern Bluegrass and Eastern Kentucky, which were deemed in a moderate drought or abnormally dry, received significant rainfall. Storms were also capable of producing torrential rainfall within a very moist air mass, leading to some instances of localized flooding.

Temperatures for the period averaged 76 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 85 in the West to 84 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 93 degrees at KOOMER RIDGE and the extreme low was 55 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.24 inches statewide which was 0.18 inches above normal and 118% of normal. Precipitation totals by climate division, West 0.75 inches, Central 1.52 inches, Bluegrass 1.18 inches and East 1.49 inches, which was -0.22, 0.54, 0.10 and 0.30 inches respectively from normal. By station, precipitation totals ranged from a low of 0.04 inches at MADISONVILLE 4S to a high of 4.05 inches at BOONEVILLE 2S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/28/24 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
Western KY													
Caldwell	Princeton(M)	0.06	19.62	2.90	1.12	-1.21	87	68	77	-1	189	2467	102
Christian	Hopkinsville(M)	0.18	22.15	4.53	3.24	0.07	87	68	76	-2	188	2478	114
Daviess	Owensboro(AP)	0.56	18.12	3.17	0.58	-0.49	88	66	78	0	195	2606	317
Fulton	Hickman(M)	0.73	23.52	3.57	5.04	-0.36	87	70	77	-2	194	2622	155
Marshall	Benton(M)	0.71	23.55	6.30	2.63	2.03	87	69	77	-1	191	2519	88
McCracken	Paducah(AP)	0.86	21.55	4.01	3.07	0.08	90	68	79	0	203	2745	278
McLean	Calhoun(M)	0.39	26.12	5.49	6.30	0.88	87	65	76	-3	184	2403	-125
Todd	Elkton(M)	0.11	26.50	5.16	7.59	0.70	88	66	76	-2	185	2404	40
Union	Morganfield(M)	0.27	21.07	3.05	3.53	-0.61	91	63	77	0	192	2512	223
Central KY													
Barren	Glasgow(M)	1.88	26.74	8.18	7.05	3.68	87	67	75	-2	181	2382	164
Breckinridge	Hardinsburg(M)	2.46	22.52	6.14	2.59	2.29	87	65	75	-2	178	2344	161
Clinton	Albany(M)	2.82	23.21	4.88	3.08	0.25	87	66	76	0	182	2326	374
Hardin	Elizabethtown(M)	0.71	17.73	4.14	-2.20	0.29	87	64	74	-3	174	2355	172
Hart	Munfordville(M)	0.86	21.00	6.48	1.58	1.98	86	66	75	-4	181	2348	-178
Jefferson	Louisville(AP)	0.58	17.51	4.66	-0.39	1.01	90	69	80	0	207	2790	323
Taylor	Campbellsville(M)	0.84	19.99	3.32	0.75	-0.81	88	64	76	0	182	2328	174
Warren	Bowling_Green(AP)	1.38	22.57	7.19	4.30	3.27	89	69	79	0	205	2742	301
Bluegrass													
Boone	Cinci./NKY(AP)	0.85	14.33	3.90	-3.08	0.44	89	64	76	0	183	2347	374
Boyle	Danville(M)	1.59	16.51	2.84	-3.08	-1.93	89	62	76	1	182	2321	245
Fayette	Lexington(AP)	1.75	15.87	2.81	-3.58	-1.82	92	63	78	1	194	2544	434
Franklin	Frankfort(M)	0.59	13.66	1.86	-4.62	-2.43	91	61	75	-1	180	2311	155
Madison	Richmond(M)	3.46	15.34	4.40	-4.25	-0.37	87	59	74	0	172	2250	174
Mason	Maysville(M)	0.54	13.70	1.27	-4.90	-3.27	90	57	75	0	175	2224	304
Eastern KY													
Breathitt	Jackson(AP)	0.94	14.60	2.00	-4.97	-2.61	87	64	76	0	182	2451	320
Harlan	Harlan(M)	0.44	14.87	2.82	-4.37	-1.97	75	59	66	-9	114	1466	-568
Lawrence	Louisa(M)	0.28	13.05	2.15	-4.70	-2.56	93	57	76	1	187	2350	405
Pike	Pikeville(M)	0.88	15.66	3.76	-2.09	-0.95	81	64	71	-4	150	1975	30
Pulaski	Somerset(M)	1.76	22.17	5.66	2.58	0.89	85	62	74	0	172	2211	135
Rowan	Morehead(M)	0.52	18.90	4.39	-1.16	-1.00	87	56	73	-1	163	2111	205

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