



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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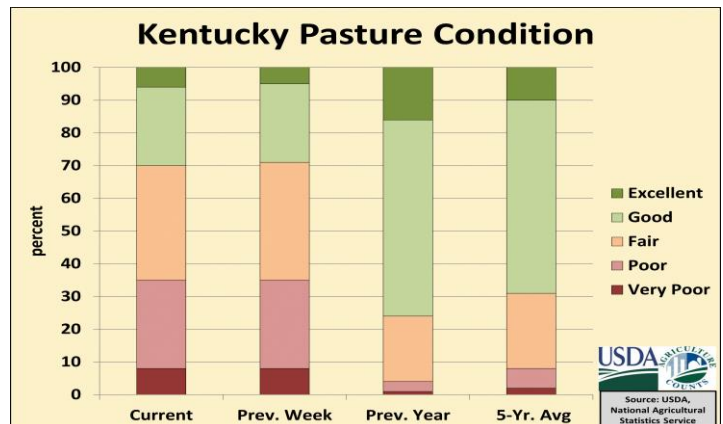
Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.40 inches, 0.60 inches below normal. Temperatures averaged 77 degrees for the week, near normal. **Topsoil moisture** was rated 15 percent very short, 43 percent short, 40 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 22 percent very short, 41 percent short, 36 percent adequate, and 1 percent surplus. Days suitable for fieldwork averaged 5.9 out of a possible seven.

Primary activities for this week included spraying, cutting hay, topping tobacco, and monitoring field crops. There was some scattered precipitation this past week easing crop stress in some areas. The overall rainfall amount was low and some areas remain very dry. Corn is 66 percent silking while 24 percent of the crop is in the milk stage. Eleven percent of corn is doughing at this juncture. Corn condition has deteriorated some despite recent showers. There are reports of corn twisting as heat and drought have taken a toll. Producers have grown concerned for yields as damage is assessed. Forty-five percent of soybeans are blooming with 16 percent of the crop setting pods. The overall condition of the soybean crop remains mostly fair, but recent rain should lead to improvement. Tobacco is 24 percent blooming at this time as 4 percent of the crop has been topped. The condition of tobacco continues to be fair to good as irrigation has sustained some fields.

Pasture condition showed a very subtle improvement from recent precipitation, however regrowth is slow. With hot temperatures looming, gains in growth may be stunted. As pasture ground struggles, many cattle producers are supplementing with hay.

SOIL MOISTURE for week ending 07/17/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	15	43	40	2
Subsoil	22	41	36	1



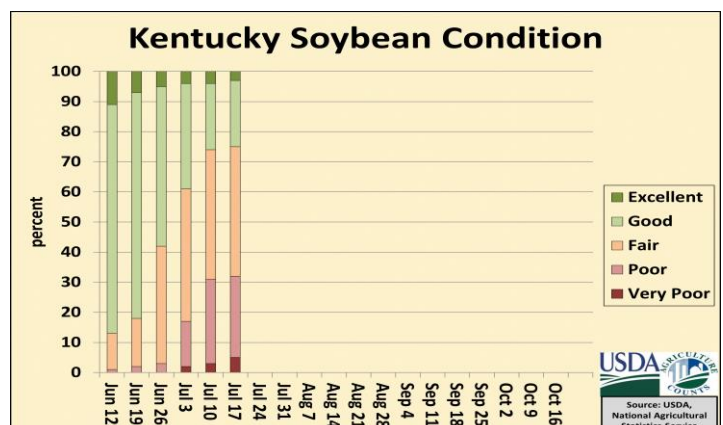
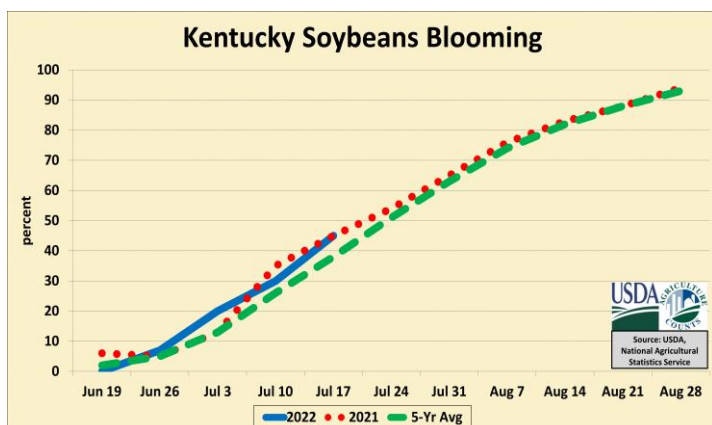
CROP PROGRESS for week ending 07/17/22

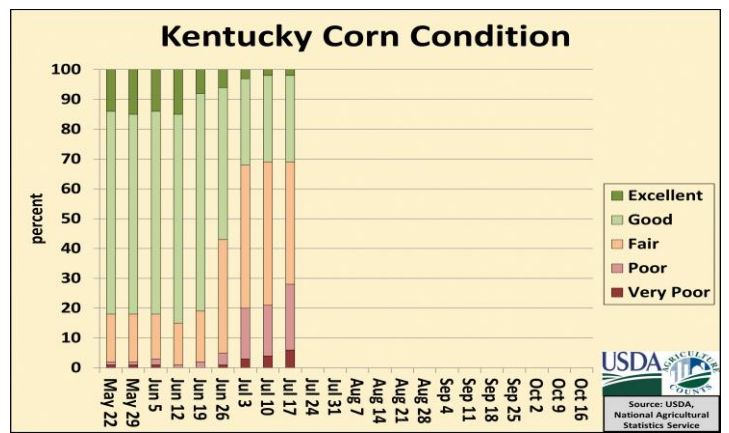
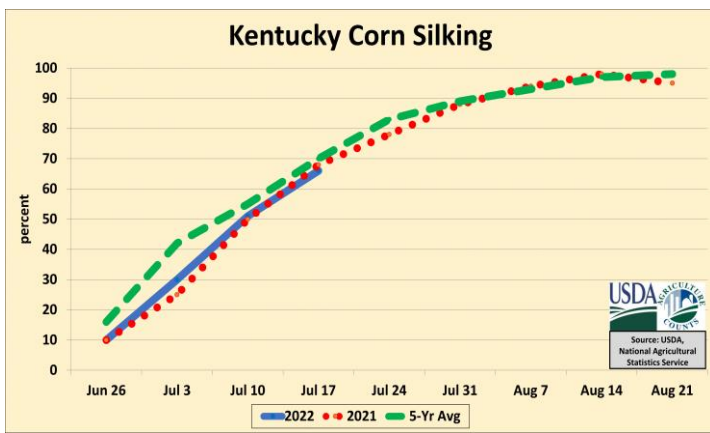
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	66	51	68	70
Corn Milked	24	15	32	35
Corn Dough	11	3	7	14
Soybeans Blooming	45	30	45	38
Soybeans Setting Pods	16	4	19	17
Tobacco Blooming	24	16	27	31
Tobacco Topped	4	-1	5	11

CROP CONDITIONS for week ending 07/17/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	6	22	41	29	2
Pasture	8	27	35	24	6
Soybeans	5	27	43	22	3
Tobacco Set	3	15	42	37	3

-1 Represents not available.





**Kentucky Climate Summary
For the Period July 11, 2022 to July 17, 2022**

Near Normal Temperatures and Below Normal Rainfall:

The Bluegrass State saw a few rounds of showers and storms over the course of the week. Saying that, accumulations were somewhat lacking with the state only averaging 0.4 inches. The range was quite extensive with some seeing over an inch and others staying completely dry. As a sidenote, much of the rainfall from Sunday evening and overnight fell after the data cutoff and will be included in next week's report. The official climate data for the month of June was released by the National Centers for Environmental Information last week. Overall, the state only averaged 2.65 inches for the month, which is the 10th driest June ever recorded (data record extending back to 1895). Just for perspective, June of 2012 sits at #3 on record when the state averaged 1.5 inches.

Temperatures for the period averaged 77 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 89 in the West to 87 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 67 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at CADIZ 4SW and the extreme low was 56 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.40 inches statewide which was 0.6 inches below normal and 40% of normal. Precipitation totals by climate division, West 0.36 inches, Central 0.32 inches, Bluegrass 0.34 inches and East 0.58 inches, which was 0.62, 0.69, 0.64 and 0.45 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BOWLING GREEN APT to a high of 2.15 inches at HICKMAN 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/17/22 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	Degree s F	Degree s F	Degree s F	Degrees F	Degrees F	Degrees F	Degrees F
Western KY													
Caldwell	Princeton(M)	0.32	13.90	2.81	-3.01	-1.29	93	60	77	-1	192	2057	6
Christian	Hopkinsville(M)	0.07	18.48	2.77	1.24	-1.62	91	64	77	-1	193	2065	22
Daviess	Owensboro(AP)	0.40	8.62	1.39	-7.58	-2.40	92	65	79	1	204	2179	196
Fulton	Hickman(M)	2.35	18.64	5.29	1.64	1.19	95	64	78	-1	200	2211	71
Marshall	Benton(M)	0.78	17.00	2.26	-2.27	-2.20	95	63	78	0	199	2110	1
McCracken	Paducah(AP)	0.25	16.30	1.62	-0.70	-2.48	97	63	80	0	210	2304	164
McLean	Calhoun(M)	1.67	11.72	2.97	-6.44	-1.83	91	59	76	-3	184	1952	-249
Todd	Elkton(M)	0.00	13.75	2.82	-3.49	-1.57	94	61	78	0	197	2072	29
Union	Morganfield(M)	1.64	12.09	4.11	-4.11	0.32	91	61	77	0	189	2086	103
Central KY													
Barren	Glasgow(M)	0.06	14.60	1.82	-3.28	-2.60	90	62	77	0	193	2026	115
Breckinridge	Hardinsburg(M)	0.87	12.88	1.78	-5.63	-2.37	92	60	77	0	189	1967	91
Clinton	Albany(M)	0.07	15.10	3.93	-3.32	-0.84	89	62	76	0	182	1934	264
Hardin	Elizabethtown(M)	2.55	12.84	4.27	-5.67	0.12	91	60	76	-1	184	1952	76
Hart	Munfordville(M)	0.07	8.42	0.83	-9.30	-3.72	94	63	78	-1	198	1978	-221
Jefferson	Louisville(AP)	0.29	11.49	2.23	-4.93	-1.50	96	68	82	2	222	2310	173
Taylor	Campbellsville(M)	0.55	11.33	1.92	-6.29	-2.39	91	61	76	0	187	1950	88
Warren	Bowling_Green(AP)	0.00	14.03	2.88	-2.86	-1.35	93	68	82	2	221	2334	222
Bluegrass													
Boone	Cinci./NKY(AP)	0.52	16.77	2.21	0.72	-1.57	91	63	78	2	194	1926	239
Boyle	Danville(M)	0.45	13.33	4.07	-4.52	-0.96	89	61	75	0	181	1922	125
Fayette	Lexington(AP)	0.31	11.81	2.31	-5.77	-2.20	93	62	78	1	199	2095	280
Franklin	Frankfort(M)	0.37	14.44	3.73	-2.15	-0.54	90	60	75	-1	176	1848	-7
Madison	Richmond(M)	0.79	13.52	4.50	-4.33	-0.53	90	61	76	1	182	1847	50
Mason	Maysville(M)	0.13	15.06	1.77	-1.62	-2.25	93	60	76	0	188	1754	121
Eastern KY													
Breathitt	Jackson(AP)	0.94	13.86	4.84	-3.90	0.08	90	63	77	1	189	2017	170
Harlan	Harlan(M)	0.04	17.30	5.66	-0.09	0.60	76	58	67	-8	119	1148	-599
Lawrence	Louisa(M)	1.69	16.14	6.40	0.19	1.65	90	61	76	1	186	1869	204
Pike	Pikeville(M)	0.26	16.29	5.98	0.34	1.23	81	60	72	-3	154	1583	-82
Pulaski	Somerset(M)	0.48	14.94	3.67	-2.91	-1.36	89	60	75	0	180	1856	59
Rowan	Morehead(M)	0.39	15.49	3.46	-2.48	-1.71	87	60	74	0	172	1716	86

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