



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: nassfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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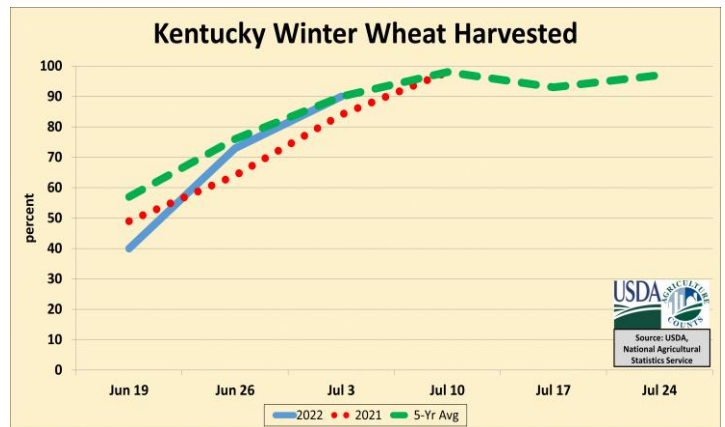
Issue: 18-22

Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.61 inches, 0.38 inches below normal. Temperatures averaged 75 degrees for the week, near normal. **Topsoil moisture** was rated 39% very short, 45% short, 15% adequate and 1% surplus. **Subsoil moisture** was rated 29% very short, 48% short, 22% adequate, and 1% surplus. Days suitable for fieldwork averaged 6.8 out of a possible seven.

Primary activities this week included planting soybeans, setting tobacco, harvesting wheat, and cutting hay. The majority of the state received another week of very dry weather over the past week with only a small number of counties receiving significant rainfall. The corn crop is 30% silking. Corn condition continued to deteriorate this week due to the drought conditions. A few producers are concerned they will lose their corn crop if their fields do not receive rain soon. Soybean condition has also continued to deteriorate because of the very dry conditions. Soybean planting is almost complete with 90% of the crop emerged and 20% blooming. The average height of emerged soybeans was 10 inches. Tobacco progress remains ahead of average. The average height of tobacco in the field was 17 inches. Tobacco condition has begun to deteriorate due to the dry weather. Winter wheat harvest is 90% complete, near average. Pasture and hay conditions are also deteriorating from the drought conditions and yields are suffering.

SOIL MOISTURE for week ending 07/03/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	39	45	15	1
Subsoil	29	48	22	1



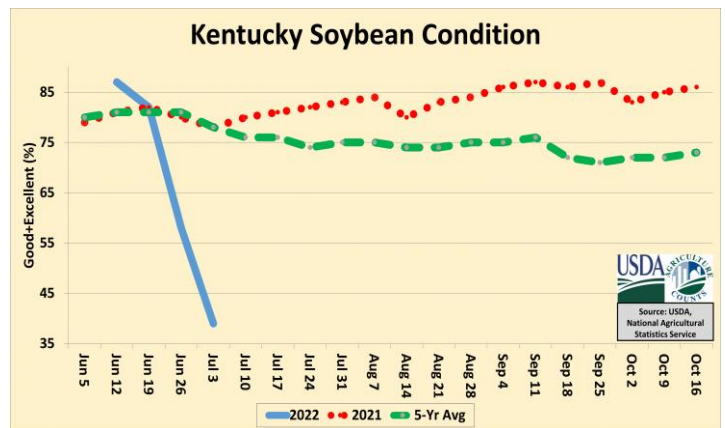
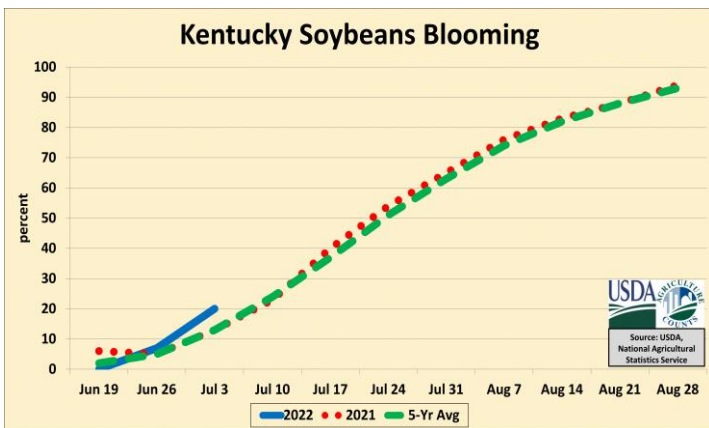
CROP PROGRESS for week ending 07/03/22

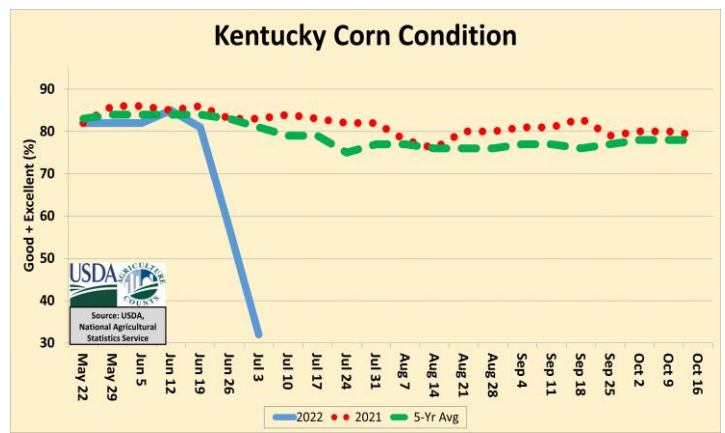
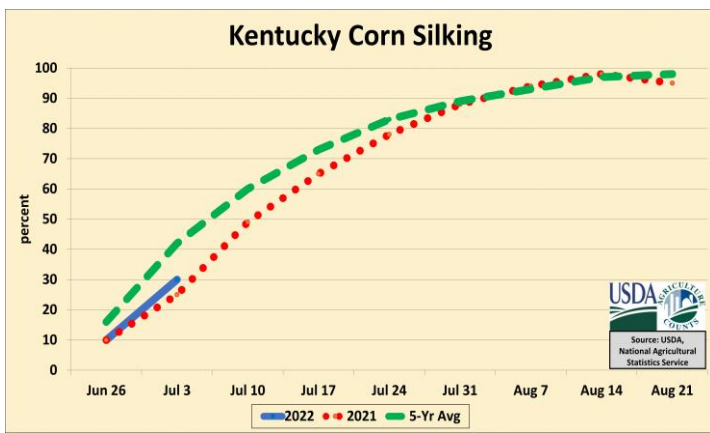
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	30	10	28	36
Soybeans Planted	97	94	97	96
Soybeans Emerged	90	81	88	87
Soybeans Blooming	20	7	18	14
Tobacco Set	98	93	97	96
Tobacco Blooming	5	-	2	6
Winter Wheat Harvested	90	73	84	90

CROP CONDITIONS for week ending 07/03/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	3	17	48	29	3
Hay Harvested Quality	2	7	29	52	10
Livestock	1	4	26	61	8
Pasture	5	22	38	30	5
Soybeans	2	15	44	35	4
Tobacco Set	2	8	40	47	3

- Represents zero.
-1 Shown when data not available.





**Kentucky Climate Summary
For the Period June 27, 2022 to July 3, 2022**

Near Normal Temperatures and Below Normal Rainfall:

Following several weeks of mostly dry conditions, the latest update of the U.S. Drought Monitor (June 30) deemed roughly 31% of Kentucky in a moderate drought and another 48% as abnormally dry. Some across Kentucky saw relief this past weekend, while others did not with scattered storm coverage in place. This created quite the disparity in total accumulations. Some were lucky enough to see 1-2+ inches while others didn't see much of anything. Looking back at the month of June, preliminary data from the Ag Weather Center shows the state averaged 2.44 inches for the month, which would place in the top-10 driest June's on record in Kentucky history (data going back to 1895). A large portion of the state ended the month 1-3+ inches below normal.

Temperatures for the period averaged 75 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 86 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to near normal in the East. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 98 degrees at ELKTON 5SW and the extreme low was 44 degrees at BRANDENBURG 4SW.

Precipitation (liq. equ.) for the period totaled 0.61 inches statewide which was 0.38 inches below normal and 62% of normal. Precipitation totals by climate division, West 0.59 inches, Central 0.35 inches, Bluegrass 0.65 inches and East 0.84 inches, which was 0.39, 0.63, 0.32 and 0.19 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CALHOUN 5NW to a high of 4.10 inches at MARION 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/03/22 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)	0.55	11.82	3.01	-3.03	-1.17	93	50	75	-2	176	1634	-18
Christian	Hopkinsville(M)	0.03	15.74	2.05	0.77	-2.02	93	54	75	-2	178	1647	12
Daviess	Owensboro(AP)	0.00	7.30	1.47	-7.02	-2.37	95	51	77	0	190	1745	151
Fulton	Hickman(M)	0.76	14.18	1.59	-0.82	-2.63	93	54	77	-1	191	1768	43
Marshall	Benton(M)	0.51	15.42	1.89	-1.70	-2.95	92	53	75	-2	178	1674	-27
McCracken	Paducah(AP)	0.04	15.24	2.30	0.24	-1.92	95	54	77	-1	190	1845	120
McLean	Calhoun(M)	0.00	8.85	1.20	-6.90	-3.49	95	46	73	-5	165	1556	-230
Todd	Elkton(M)	0.04	10.97	2.43	-4.00	-1.64	98	51	76	-1	188	1638	3
Union	Morganfield(M)	0.03	8.23	0.68	-6.09	-3.16	94	50	75	-1	176	1678	84
Central KY													
Barren	Glasgow(M)	0.03	12.83	2.29	-2.82	-2.17	93	53	76	0	182	1609	88
Breckinridge	Hardinsburg(M)	0.00	11.51	1.61	-5.03	-2.81	92	50	74	-2	170	1562	76
Clinton	Albany(M)	0.24	12.59	4.28	-3.44	-0.41	91	57	75	1	179	1545	230
Hardin	Elizabethtown(M)	0.04	8.69	1.59	-7.85	-2.83	93	51	74	-2	173	1555	69
Hart	Munfordville(M)	0.02	7.61	1.72	-7.82	-2.83	94	53	76	-2	185	1555	-228
Jefferson	Louisville(AP)	1.24	10.50	2.07	-4.15	-1.90	96	58	78	0	199	1862	143
Taylor	Campbellsville(M)	0.48	9.89	3.24	-5.68	-1.36	92	51	74	-1	172	1550	59
Warren	Bowling_Green(AP)	0.06	11.21	3.46	-3.60	-0.77	97	56	80	1	210	1868	171
Bluegrass													
Boone	Cinci./NKY(AP)	0.29	15.05	2.12	0.71	-2.24	92	53	76	1	179	1527	204
Boyle	Danville(M)	1.93	11.24	3.73	-4.15	-1.20	92	52	74	0	173	1535	93
Fayette	Lexington(AP)	0.61	10.12	2.56	-5.17	-2.03	96	53	77	1	191	1683	242
Franklin	Frankfort(M)	0.41	11.30	2.67	-3.14	-1.44	93	51	73	-3	162	1474	-1
Madison	Richmond(M)	1.99	11.37	3.29	-4.02	-1.64	95	50	74	0	169	1471	29
Mason	Maysville(M)	0.18	13.61	3.57	-0.84	-0.33	92	49	73	-1	162	1385	116
Eastern KY													
Breathitt	Jackson(AP)	1.35	11.80	3.78	-3.69	-1.18	91	60	76	1	183	1638	152
Harlan	Harlan(M)	0.13	12.94	1.87	-2.07	-3.05	78	50	67	-7	119	893	-490
Lawrence	Louisa(M)	0.58	11.59	3.21	-1.98	-1.39	92	54	74	0	168	1491	181
Pike	Pikeville(M)	1.71	13.78	4.22	0.21	-0.38	83	57	70	-4	143	1277	-33
Pulaski	Somerset(M)	0.48	11.86	2.37	-3.53	-2.56	94	52	74	0	174	1471	29
Rowan	Morehead(M)	1.24	13.39	4.16	-1.86	-0.46	89	51	71	-2	150	1367	88

Climate narrative and data table provided by 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