



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
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: June 13, 2022

Issue: 15-22

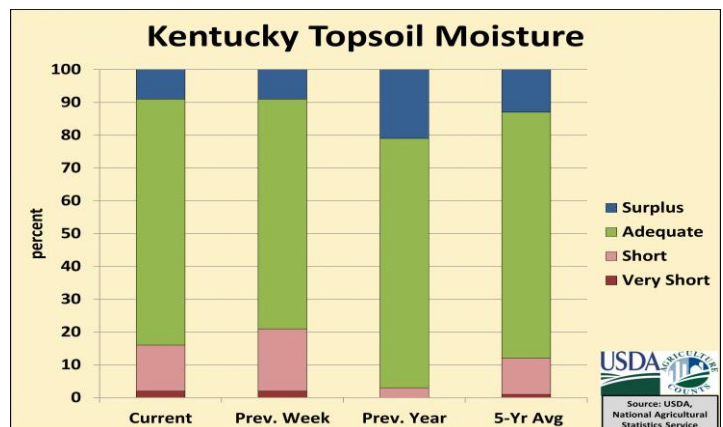
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.54 inches, 0.48 inches above normal. Temperatures averaged 72 degrees for the week, 1 degree above normal. **Topsoil moisture** was rated 2 percent very short, 14 percent short, 75 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 1 percent very short, 14 percent short, 80 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Primary activities for this week included planting soybeans, setting tobacco, spraying, and cutting hay. Despite scattered rain this past week, steady gains were made in the fields. With hot weather looming, farmers are expressing concern for crop stress as the current week progresses. The corn crop, at 86 percent emerged, remains in mostly good condition. The average height of corn is 18 inches at this juncture. Soybean planting is just behind last year, but ahead of the five year average for this point in the season. Sixty-five percent of the soybean crop has emerged. Although beans are in mostly good condition, there are reports of slug damage to young plants. Tobacco farmers continue to make significant progress setting and the crop is in overall good condition. The average height of tobacco is 4 inches at this time.

Winter wheat condition declined slightly as eighty-five percent of the crop is now coloring. Forty-five percent of the wheat crop is mature as harvest is set to begin. Pastures are in good shape, but the hot weather ahead could be detrimental without adequate rain. A good deal of hay has been cut with yields varying.

SOIL MOISTURE for week ending 06/12/22

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	14	75	9
Subsoil	1	14	80	5



CROP PROGRESS for week ending 06/12/22

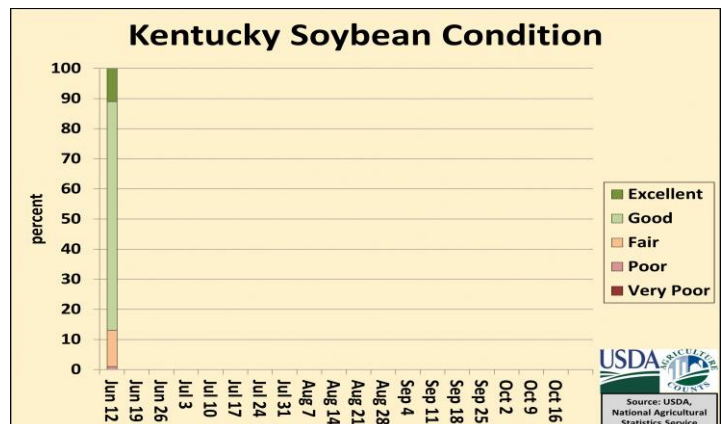
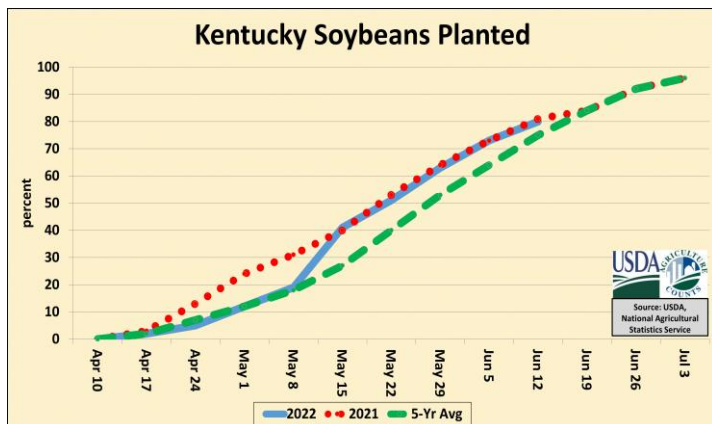
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	86	79	93	91
Soybeans Planted	80	73	81	75
Soybeans Emerged	65	56	63	57
Tobacco Set	72	63	77	74
Winter Wheat Coloring	85	55	66	-1
Winter Wheat Mature	45	-1	-1	-1

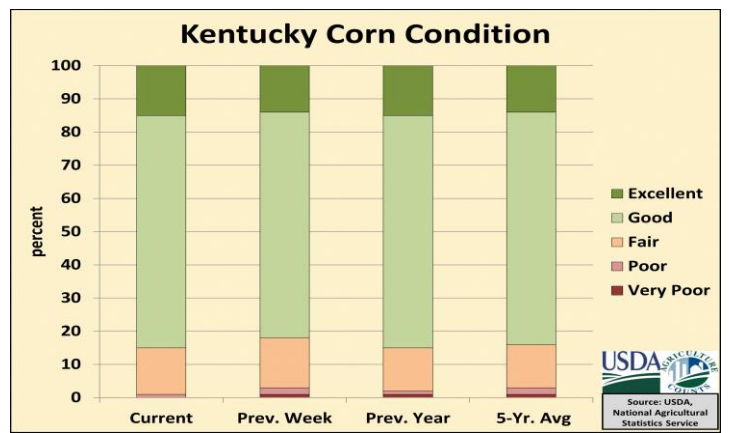
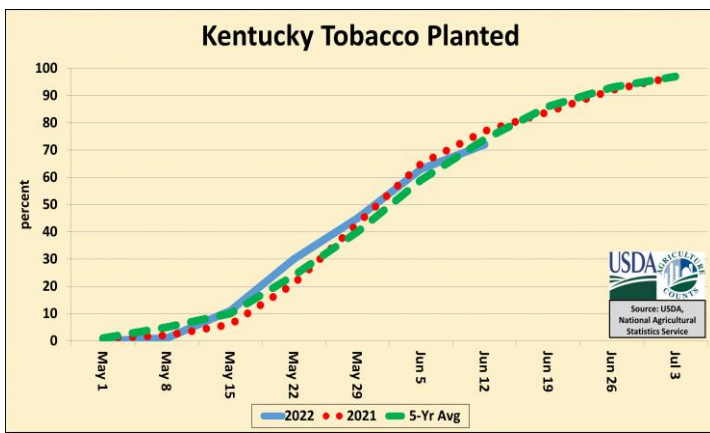
-1 Represents not available.

CROP CONDITIONS for week ending 06/12/22

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	1	14	70	15
Pasture	1	2	26	62	9
Soybeans	-	1	12	76	11
Tobacco Set	1	2	13	77	7
Wheat	1	1	16	66	16

- Represents zero.





Kentucky Climate Summary
For the Period June 6, 2022 to June 12, 2022

Above Normal Temperatures and Rainfall:

The period opened with much-welcomed widespread showers on Monday. A good portion of Central KY and up into the Bluegrass saw 1-2+ inches. Some across South Central KY even topped 3. Additional showers and storms followed across the rest of the workweek, but much less in terms of coverage. Overall, the state averaged 1.5 inches for the week, but the range was quite extensive. Some missed out on the higher totals on Monday and stayed between a quarter to half inch for the week. The rain and associated cloud cover kept temperatures in check for most of the week, but that changed over the weekend. Highs by Sunday were back in the mid-80s to low 90s across the western half of the state, along with high humidity.

Temperatures for the period averaged 72 degrees across the state which was 1 degree warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at PADUCAH ASOS and the extreme low was 51 degrees at MCKEE 5S.

Precipitation (liq. equ.) for the period totaled 1.54 inches statewide which was 0.48 inches above normal and 145% of normal. Precipitation totals by climate division, West 1.47 inches, Central 1.96 inches, Bluegrass 1.81 inches and East 0.90 inches, which was 0.46, 0.89, 0.72 and -0.17 inches respectively from normal. By station, precipitation totals ranged from a low of 0.20 inches at CALHOUN 5NW to a high of 3.83 inches at PADUCAH ASOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/12/22 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
Western KY													
Caldwell	Princeton(M)	1.51	10.32	3.56	-1.44	-0.56	90	58	73	0	165	1062	-30
Christian	Hopkinsville(M)	1.57	15.26	4.18	3.41	-0.09	89	59	73	0	163	1075	11
Daviess	Owensboro(AP)	0.74	6.57	2.07	-4.89	-1.89	89	61	74	0	171	1131	93
Fulton	Hickman(M)	0.76	13.35	3.9	1.48	-0.23	95	62	75	0	177	1145	10
Marshall	Benton(M)	1.08	14.61	3	1.04	-2.17	91	60	74	0	168	1091	-35
McCracken	Paducah(AP)	1.24	14.18	4.73	2.31	0.6	95	62	76	1	184	1220	85
McLean	Calhoun(M)	0.20	7.85	2.68	-4.34	-1.82	89	56	72	-2	159	1001	-198
Todd	Elkton(M)	2.39	10.93	4.73	-0.92	0.46	90	56	73	0	162	1051	-13
Union	Morganfield(M)	0.36	7.91	2.36	-3.55	-1.6	89	60	74	0	168	1095	57
Central KY													
Barren	Glasgow(M)	2.24	12.78	4.11	0.44	-0.55	86	57	72	0	156	1039	59
Breckinridge	Hardinsburg(M)	0.96	10.86	3.83	-2.38	-1.01	87	59	72	0	155	1005	63
Clinton	Albany(M)	2.85	11.16	4.66	-1.33	0.09	86	53	70	0	145	995	170
Hardin	Elizabethtown(M)	0.99	8.09	3.13	-5.15	-1.71	88	56	71	-1	153	990	48
Hart	Munfordville(M)	1.54	7.43	3.13	-4.59	-1.28	86	55	72	-2	154	975	-225
Jefferson	Louisville(AP)	0.82	9.25	3.93	-2.44	-0.23	89	63	75	0	177	1210	81
Taylor	Campbellsville(M)	2.36	9.01	3.79	-3.13	-0.8	86	55	71	0	150	1007	36
Warren	Bowling_Green(AP)	3.39	11.14	5.12	-0.47	0.95	90	59	76	1	179	1213	98
Bluegrass													
Boone	Cinci./NKY(AP)	1.63	14.56	7.17	3.45	2.96	82	57	71	0	145	957	139
Boyle	Danville(M)	1.75	9.26	4.25	-2.31	-0.02	84	58	71	0	150	984	41
Fayette	Lexington(AP)	1.77	9.33	4.07	-2.57	-0.74	87	60	74	2	166	1079	161
Franklin	Frankfort(M)	1.62	10.25	4.08	-1.05	0.03	85	57	71	0	148	951	10
Madison	Richmond(M)	0.94	9.02	2.96	-2.55	-1.31	87	53	71	0	147	938	-5
Mason	Maysville(M)	2.68	12.72	7.72	1.08	3.23	83	56	69	0	138	876	108
Eastern KY													
Breathitt	Jackson(AP)	0.55	8.57	2.73	-3.19	-1.91	85	55	72	1	152	1072	93
Harlan	Harlan(M)	0.30	11.37	4.05	0.23	0	73	49	61	-9	83	521	-358
Lawrence	Louisa(M)	0.92	9.3	2.86	-0.74	-1.19	87	54	70	0	146	961	144
Pike	Pikeville(M)	0.26	9.82	4.22	-0.22	0.17	80	54	67	-2	120	829	12
Pulaski	Somerset(M)	1.78	11.27	4.48	-0.3	0.21	85	53	70	0	143	927	-16
Rowan	Morehead(M)	2.11	11.34	5.22	-0.36	0.83	84	53	69	0	135	881	88

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