



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared 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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JMB 15-04

**AGRICULTURAL NEWS:** Most of the Commonwealth remained dry this past week, with only some areas receiving scattered showers. The majority of fieldwork included finishing the wheat harvest, planting double crop soybeans, baling hay, and spraying crops. **Topsoil moisture** as of Friday, July 2 was rated 1 percent very short, 19 percent short, 72 percent adequate, and 8 percent surplus. **Subsoil moisture** was 2 percent very short, 12 percent short, 79 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

**CORN:** As of Sunday, July 4 sixty-five percent of the corn has either silked or was silking, well ahead of last year's 39 percent, and the 5 year average of 49 percent. The corn throughout Kentucky continues to look good, with the condition rated 1 percent very poor, 8 percent poor, 17 percent fair, 50 percent good, and 24 percent excellent. The corn is starting to need a good shower in some areas of the State.

**SOYBEANS:** Farmers were busy spraying soybeans, and finishing double crop soybean planting. Soybeans planted reached 97 percent as of Sunday, July 4. Soybeans blooming was at 15 percent, compared to 4 percent last year, and 14 percent for the 5 year average.

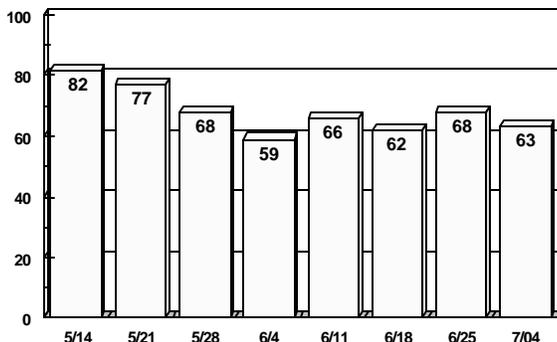
The condition of the emerged soybeans continues to look good with 1 percent very poor, 3 percent poor, 21 percent fair, 54 percent good, and 21 percent excellent.

**TOBACCO:** Farmers actively sprayed, side dressed, and topped the tobacco. Black shank and blue mold have become a problem in some of the central and northeast portions of the State. Tobacco height was 33 percent under 12 inches, 41 percent was between 12 to 24 inches, and 26 percent was over 24 inches. Condition of the set tobacco was rated as 4 percent very poor, 11 percent poor, 22 percent fair, 52 percent good, and 11 percent excellent.

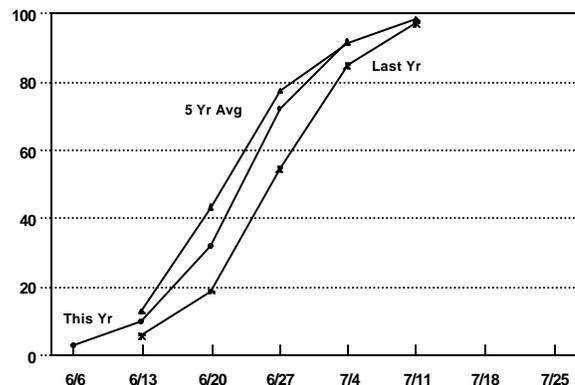
**SMALL GRAINS: Wheat** harvest was nearly complete with 92 percent harvested by the end of the week, compared with last year's 85 percent, and the average of 92 percent. Wheat yields and test weights were lower than initially expected due to the earlier weather delays in harvesting.

**OTHER CROPS:** Along with the soybeans and tobacco, farmers were also busy cutting and baling hay. **Pastures** across the State were in good to excellent condition, with conditions rated as 3 percent poor, 18 percent fair, 61 percent good, and 18 percent excellent.

**BURLEY TOBACCO CONDITION**  
% Good to Excellent



**WHEAT PERCENT HARVESTED**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING JULY 4, 2004  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
		Percentage			
Corn Silking	65	39	49	36	9
Soybean Blooming	15	4	14	5	7
Wheat Harvested	92	85	92	72	51

(NA) Data Not Available.

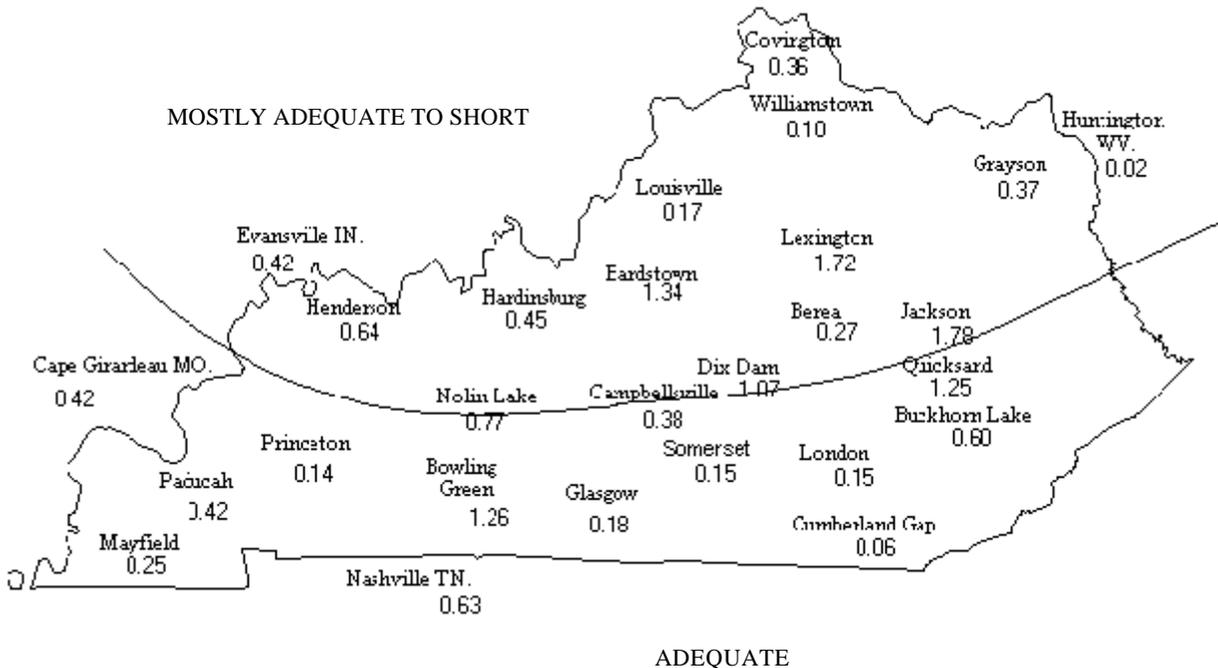
**SOIL MOISTURE**  
WEEK ENDING JULY 2, 2004  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	1	0
Short	19	4
Adequate	72	72
Surplus	8	24
<b>SUBSOIL</b>		
Very Short	2	0
Short	12	4
Adequate	79	76
Surplus	7	20

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JULY 2, 2004					WEEK ENDING JUNE 25, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	8	17	50	24	1	6	18	49	26
Soybeans	1	3	21	54	21	0	4	22	54	20
Pasture	0	3	18	61	18	1	2	15	60	22
Tobacco	4	11	22	52	11	2	8	22	55	13

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 4, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JULY 2, 2004**



# KENTUCKY WEATHER SUMMARY, JUNE 28 - JULY 4, 2004:

## BELOW NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Scattered showers and thunderstorms threatened the Commonwealth on a daily basis last week with several locations receiving intense rainfall. For the most part it was a dry week for the majority of the State with temperatures in the low 80's for highs and low to mid 60's for low temperatures and muggy dewpoint temperatures in the upper 60's to low 70's. It was the second week straight with below normal temperatures and rainfall.

Temperatures for the past week averaged 75 degrees across the State which was 1 degree below normal and 4 degrees warmer than the previous week. High temperatures averaged from 84 degrees in the West to 83 degrees in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to near normal in the East. The extreme high temperatures was 91 degrees at Paducah and the extreme low temperature was 55 degrees and London.

Rainfall for the week totaled 0.56 inches statewide which was 0.42 inches below normal. Precipitation totals by climate division, West 0.38 inches, Central 0.69 inches, Bluegrass 0.62 inches and East 0.55 inches, which was 0.52, 0.33, 0.36 and 0.49 inches respectively below normal. By station, precipitation totals ranged from a low of 0.02 inches at Huntington to a high of 1.78 inches at Jackson.

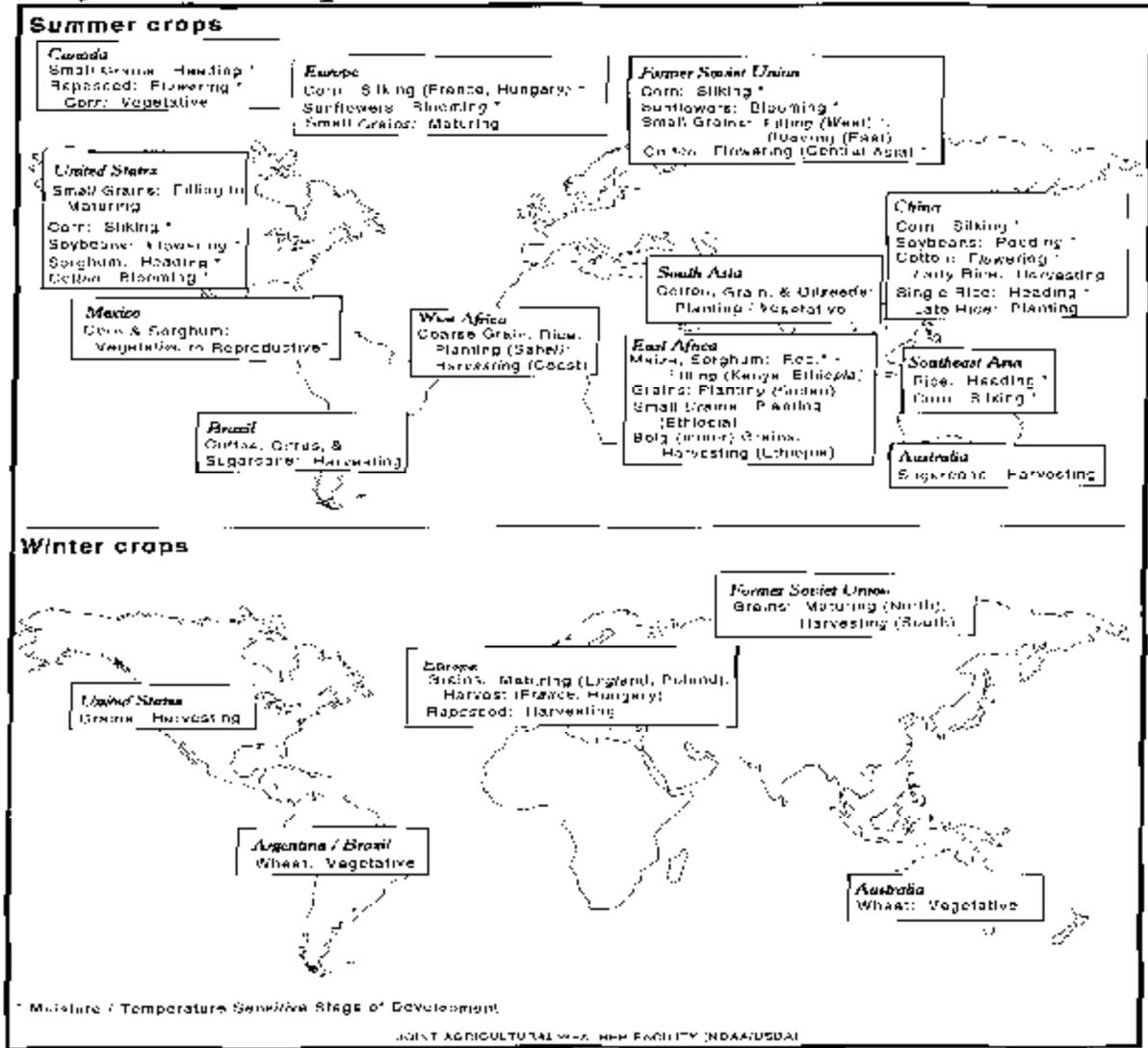
Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 4, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 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)			(Degrees Fahrenheit)								
Bardstown	1.34	21.73	5.04	+9.07	+1.47	87	57	74.0	-2	166	1678	+157
Berea	0.27	16.26	2.89	+2.67	-0.84	86	58	74.4	-0	168	1770	+214
Bowling Green	1.26	18.96	4.24	+4.92	+0.29	89	60	75.6	+0	175	1787	+201
Bristol	0.15	13.81	4.37	+2.51	+0.98	86	58	72.6	-2	156	1590	+164
Buckhorn Lake	0.60	21.04	4.95	+8.41	+1.01	87	57	73.2	-2	160	1595	+233
Cape Girardeau	0.42	11.28	2.96	-2.27	-0.27	87	59	76.4	-1	182	1748	+93
Campbellsville	0.38	16.86	2.58	+2.08	-1.44	88	57	74.7	-1	171	1756	+230
Covington	0.36	14.64	3.04	+2.22	-0.58	87	58	74.4	-0	168	1520	+150
Cumberland Gap	0.06	15.68	3.64	+1.85	-0.45	87	60	74.1	-1	167	1652	+256
Dix Dam	1.07	18.93	4.15	+5.66	+0.57	86	58	74.0	-1	167	1689	+168
Evansville	0.42	12.51	2.37	-0.27	-0.94	89	62	76.3	-1	179	1781	+221
Glasgow	0.18	17.44	2.47	+2.54	-1.90	91	57	77.1	+2	184	1884	+388
Grayson	0.37	15.20	3.26	+2.84	-0.44	87	56	73.6	-1	162	1627	+326
Hardinsburg	0.45	19.21	2.60	+5.62	-1.05	89	60	75.6	+0	175	1742	+156
Henderson	0.64	14.80	1.64	+1.67	-1.92	89	59	73.5	-4	161	1739	+149
Huntington	0.02	13.00	2.49	+0.80	-1.11	88	55	73.9	-1	164	1640	+240
Jackson	1.78	22.66	6.79	+9.58	+3.06	84	58	72.4	-2	154	1587	+225
Lexington	1.72	21.32	5.90	+8.66	+2.33	86	58	73.6	-1	162	1592	+192
London	0.15	17.36	2.49	+4.95	-1.02	86	55	73.4	-1	162	1611	+215
Louisville	0.17	20.12	2.86	+7.23	-0.49	88	61	75.5	-0	175	1718	+158
Mayfield	0.25	10.87	2.92	-3.14	-0.36	87	58	74.4	-3	168	1688	+41
Nashville	0.63	17.75	3.48	+4.42	+0.11	91	64	76.1	+1	177	1883	+198
Nolin Lake	0.77	18.57	3.04	+3.99	-0.75	89	59	75.9	+0	177	1786	+329
Paducah	0.42	13.35	4.56	-1.19	+0.78	89	59	76.2	-1	180	1827	+176
Princeton	0.14	16.26	3.56	+2.10	-0.07	90	60	75.8	-2	175	1842	+222
Quicksand	1.25	23.50	6.20	+10.42	+2.47	87	58	73.1	-2	160	1595	+233
Somerset	0.15	15.58	1.72	+1.29	-2.30	85	56	72.4	-2	155	1613	+126
Spindletop	0.21	16.19	2.46	+3.53	-1.11	86	58	73.2	-2	160	1565	+165
Williamstown	0.10	13.88	1.76	+0.97	-1.84	87	50	73.5	-1	162	1620	+220

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# July normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.