



# 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  
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Cooperative Extension Service

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**AGRICULTURAL NEWS:** Rainfall was generally received across the State last week and this was very beneficial for crop growth. Drier conditions prevailed during the later part of the week, which enabled farmers to work in their fields. Cooler temperatures also were present. Farming activities included cutting and baling hay, planting double crop soybeans, harvesting wheat, baling straw, cultivating tobacco and spraying for insects. Days suitable for fieldwork averaged 3.6 days out of a possible six. **Topsoil moisture** as of Friday, June 30 was rated 1 percent very short, 10 percent short, 68 percent adequate and 21 percent surplus. **Subsoil moisture** was rated 5 percent very short, 24 percent short, 61 percent adequate and 10 percent surplus.

**CORN:** Recent rains have been very beneficial to the corn crop. Condition of the crop as of Friday, June 30 was reported as 3 percent poor, 13 percent fair, 42 percent good and 42 percent excellent. Corn was 48 percent silked as of Sunday July 2, ahead of last year's 40 percent and the 5 year average of 19 percent. Some Japanese beetle and corn bore activity have been reported.

**SOYBEANS:** Planting of double crop soybeans continues with 82 percent planted by July 2. Virtually all of the single crop soybeans have been planted with 94 percent of the total State's acreage planted. As of Sunday, 19 percent of the state's intended soybean planted acreage was blooming. This was ahead of last

year with 13 percent and the average of 4 percent. The soybean crop was rated as 1 percent poor, 14 percent fair, 52 percent good and 33 percent excellent. A few reports of Japanese beetles have been noted.

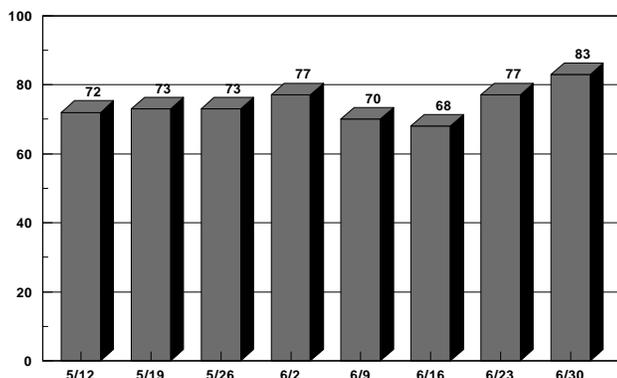
**TOBACCO:** The **tobacco** crop looks very good going into July. Tobacco, as of June 30, was 3 percent poor, 14 percent fair, 60 percent good and 23 percent excellent. Some disease and insect damage has been reported. The most common disease has been black shank, while horn worms have also been reported. Other disease problems included stem rot, sore shin and angular leaf spot. The tobacco height was 32 percent under 12 inches, 45 percent between 12-24 inches and 23 percent over 24 inches.

**SMALL GRAINS:** **Wheat** harvest was 87 percent complete as of July 2, slightly behind last year's 89 percent but ahead of the 72 percent average. The wheat crop continues to show good yields and test weights. Farmers continue to be concerned about the low prices they are receiving for the wheat being marketed.

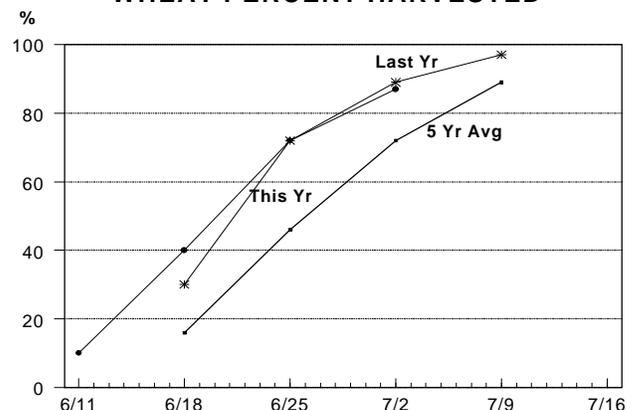
**OTHER CROPS:** Cutting and baling of **hay** is continuing throughout the state. Farmers continue to harvest 2nd cutting alfalfa and other hay. Yields are very good while some quality has been hurt by the recent rains. **Pastures** continue to supply good grazing for the state's livestock industry. Pastures as of July 2 were 1 percent very poor, 6 percent poor, 26 percent fair, 53 percent good and 14 percent excellent.

**BURLEY TOBACCO CONDITION**

% Good to Excellent



**WHEAT PERCENT HARVESTED**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING JULY 2, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
				Percentage	
Corn Silking	48	40	19	10	4
Wheat Harvested	87	89	72	72	52
Soybean Blooming	19	13	4	12	8

(NA) Data Not Available.

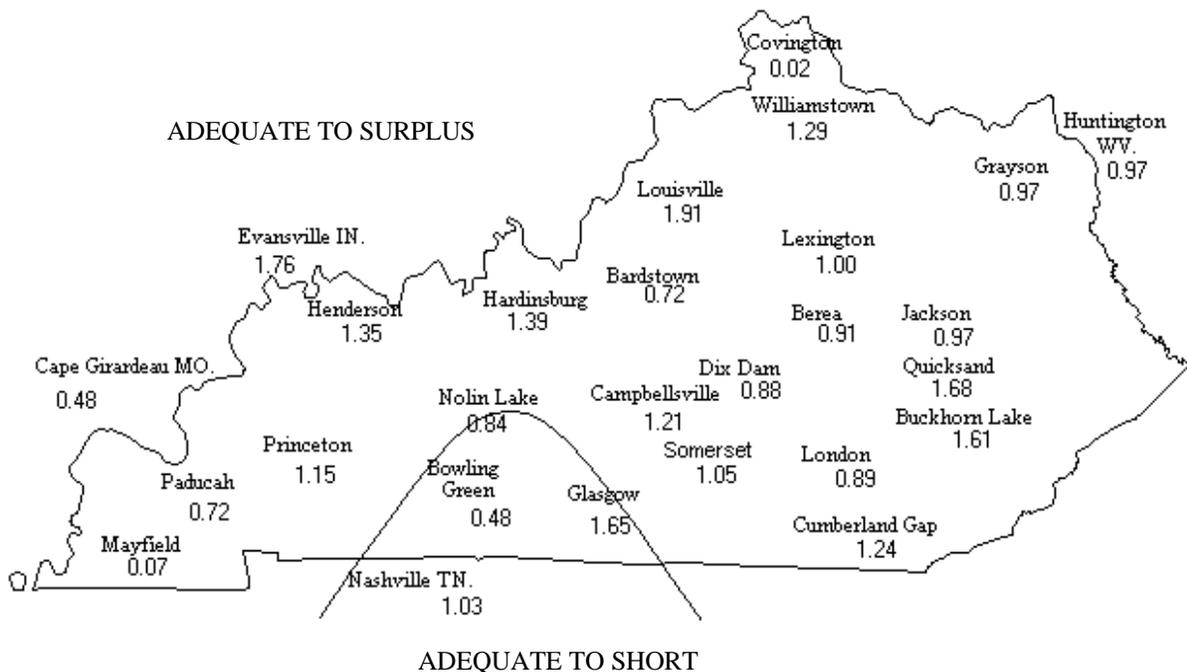
**SOIL MOISTURE**  
WEEK ENDING JUNE 30, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	1	1
Short	10	9
Adequate	68	72
Surplus	21	18
<b>SUBSOIL</b>		
Very Short	5	6
Short	24	31
Adequate	61	53
Surplus	10	10

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JUNE 30, 2000					WEEK ENDING JUNE 23, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	3	13	42	42	0	2	17	47	34
Soybeans	0	1	14	52	33	0	3	15	54	28
Pasture	1	6	26	53	14	1	7	30	49	13
Tobacco	0	3	14	60	23	1	4	18	59	18

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 2, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 30, 2000**



## **KENTUCKY WEATHER SUMMARY, JUNE 26 - JULY 2, 2000:**

Rainfall occurred during the first half of the workweek; then dry for the remainder of the week. The end of this rainfall ended a long run of daily rainfall events back to June 15<sup>th</sup> for many locations in the State. The cooler temperatures during the workweek were replaced by muggy, very warm temperatures on the weekend.

Temperatures for the week averaged 72 degrees across the State which was 3 degrees **BELOW NORMAL** and 4 degrees cooler than the previous week. High temperatures averaged from 84 in the West to 80 in the East. Departure from normal high temperatures were 5 degrees **BELOW NORMAL** across the State. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperatures were 1 degree **BELOW NORMAL** across the State.

Rainfall for the week totaled 1.04 inches Statewide which was 0.11 inches **ABOVE NORMAL** and the third week straight with **ABOVE NORMAL** rainfall. Precipitation totals by climate division, West 0.92 inches, Central 1.16 inches, Bluegrass 0.92 inches and East 1.17 inches, which was +0.05, +0.19, -0.01 and +0.19 inches respectively from normal. By station, rainfall totals ranged from a low of 0.02 inches at Covington to a high of 1.91 inches at Louisville. The June 26<sup>th</sup>, Palmer Drought Severity Index indicated West KY in Mild hydrologic drought and the remainder of the State in Moderate hydrologic drought. The Crop Moisture Index indicated favorably moist short-term conditions for the Eastern half of the State while the Western half was slightly dry for agricultural purposes.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 2, 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	0.72	10.24	3.06	-2.09	-0.43	87	51	69.4	-6	134	1548	+75		
Berea	0.91	16.73	6.75	+3.42	+3.04	86	55	71.3	-3	147	1538	+32		
Bowling Green	0.48	12.02	1.40	-1.72	-2.52	92	54	73.6	-2	159	1587	+51		
Bristol	1.75	11.09	4.16	+0.07	+0.81	88	55	71.2	-3	146	1425	+45		
Buckhorn Lake	1.61	17.01	7.57	+4.69	+3.66	88	57	71.9	-3	151	1535	+217		
Cape Girardeau	0.48	9.58	4.77	-3.74	+1.53	87	56	73.5	-4	162	1598	-3		
Campbellsville	1.21	15.94	6.16	+1.50	+2.21	87	53	71.9	-4	151	1618	+142		
Covington	0.02	13.54	4.43	+1.40	+0.83	85	54	69.4	-5	134	1385	+63		
Cumberland Gap	1.24	11.27	2.39	-2.22	-1.64	86	57	72.1	-2	154	1592	+242		
Dix Dam	0.88	13.11	4.63	+0.16	+1.13	87	54	70.5	-4	141	1525	+52		
Evansville	1.76	11.05	5.92	-1.47	+2.63	89	58	73.8	-3	163	1512	+4		
Glasgow	1.65	15.56	3.31	+1.01	-1.02	91	54	73.4	-2	157	1705	+259		
Grayson	0.97	12.43	4.04	+0.39	+0.40	87	56	71.0	-4	145	1488	+231		
Hardinsburg	1.39	12.22	5.01	-1.06	+1.42	88	57	72.3	-3	154	1624	+88		
Henderson	1.35	13.61	6.40	+0.75	+2.85	89	59	73.8	-3	164	1640	+102		
Huntington	0.97	11.66	3.72	-0.22	+0.20	88	56	71.1	-4	144	1479	+127		
Jackson	0.97	16.96	6.78	+4.22	+3.13	84	57	71.2	-3	147	1484	+166		
Lexington	1.00	11.87	3.80	-0.46	+0.31	88	57	71.0	-4	144	1481	+129		
London	0.89	11.49	3.38	-0.62	-0.06	85	54	70.9	-4	145	1472	+122		
Louisville	1.91	13.19	6.80	+0.59	+3.51	88	58	71.3	-4	146	1557	+49		
Mayfield	0.07	9.38	1.37	-4.34	-1.84	92	56	72.6	-5	155	1584	-13		
Nashville	1.03	15.91	1.54	+2.83	-1.81	91	59	75.7	+0	173	1691	+60		
Nolin Lake	0.84	12.64	2.71	-1.62	-1.01	91	55	72.8	-3	155	1613	+202		
Paducah	0.72	12.14	2.83	-2.13	-0.95	88	56	74.1	-3	164	1641	+42		
Princeton	1.15	13.90	3.10	+0.01	-0.51	92	57	75.3	-2	169	1746	+178		
Quicksand	1.68	21.20	8.83	+8.46	+5.18	89	57	72.0	-3	151	1561	+243		
Somerset	1.05	18.75	8.81	+4.77	+4.82	86	54	72.1	-3	154	1580	+139		
Spindletop	1.42	10.28	3.22	-2.05	-0.27	86	56	69.8	-5	137	1447	+95		
Williamstown	1.29	14.79	5.58	+2.17	+2.02	86	55	70.3	-4	140	1533	+181		

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

