



# 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

LELAND E. BROWN, State Statistician

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RPT 13-02

**AGRICULTURAL NEWS:** Near normal precipitation and temperatures allowed farmwork to progress at a rapid pace. Producers harvested wheat, planted soybeans, set tobacco, and put up hay between showers. Days suitable for fieldwork averaged 4.4 out of a possible seven. **Topsoil moisture** as of Friday, June 14 was rated 6 percent short, 78 percent adequate and 16 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 81 percent adequate and 13 percent surplus. Replanting of a few flood and storm damaged fields remained to be completed. A very wet spring was starting to raise concerns about weed and disease control, however no major problems had been reported as yet.

**SOYBEANS:** Most of the full season beans had been planted, with double crop beans planted as soon as possible after small grain harvest. As of Sunday, June 16, about 66 percent of the crop had been seeded compared with 82 percent a year ago, and the average of 65 percent. Nearly 56 percent of planted acreage had emerged, compared with last year's 79 percent and the 5-year average of 52 percent. Condition of emerged soybeans was rated 2 percent poor, 23 percent fair, 55 percent good, and 20 percent excellent. The average height of emerged soybeans was 4 inches at the end of the week.

**TOBACCO:** The tobacco crop was in good condition in most areas of the State. Tobacco setting was nearing completion with 87 percent of the intended **burley** acreage set as of Sunday, June 16. Last year at this time 90 percent had been set with the 5-year average at 80 percent. **Dark tobacco** acreage was 92 percent set, compared with 94 percent last year and the average of 84 percent. About 85 percent of set tobacco was under 12 inches high, with 15 percent over 12 inches tall. Minor problems with disease

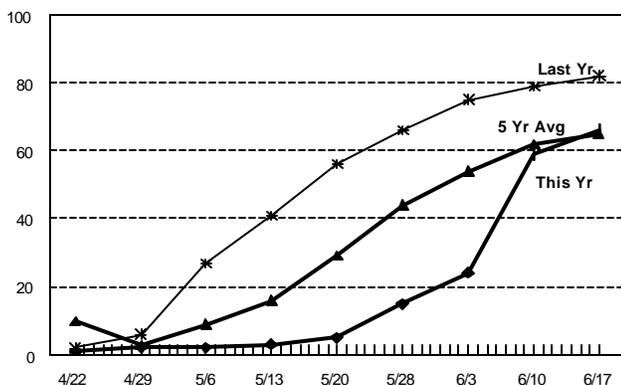
and pests had been noted in a few areas. Condition of set tobacco was reported as 1 percent very poor, 4 percent poor, 20 percent fair, 56 percent good, and 19 percent excellent.

**CORN:** A few fields remain to be planted, mostly silage corn. Wet weather forced producers in a few areas to switch from corn to grain sorghum or soybeans. Control of grass and weeds will be a concern if wet weather persists. Condition of the emerged corn was reported as 4 percent poor, 18 percent fair, 53 percent good, and 25 percent excellent.

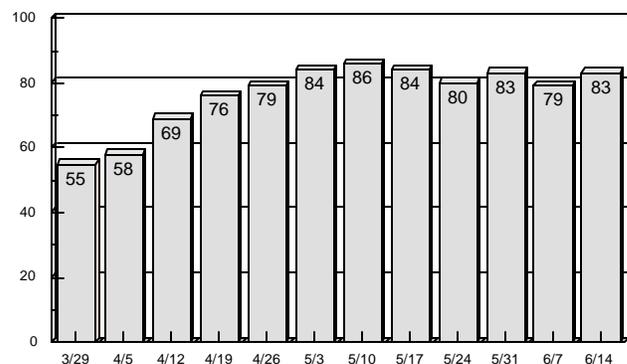
**SMALL GRAINS:** **Wheat** harvest was underway in southern Kentucky and should be in full swing this week. By Sunday, June 16, 20 percent of the crop had been harvested compared with 38 percent a year ago and the average of 21 percent. Early yield reports indicate an average to below average crop with test weights variable, but on the low side. Head scab seems to have lowered yields and test weights in many areas. Water damage and lodging have also affected the yield and quality of the crop in some areas. **Barley** harvest was winding down at the end of the week with 98 percent of acres cut by Sunday, June 16, compared with 87 percent last year and the average of 74 percent.

**OTHER CROPS:** Producers continued to put up **hay** between showers, but poor curing conditions continued to cause quality problems with the crop. The second cutting of alfalfa was 18 percent completed at the end of the week. **Pastures** remain in good to excellent condition and were rated 2 percent poor, 15 percent fair, 58 percent good and 25 percent excellent. About 75 percent of **grain sorghum** acres had been planted by the end of the week.

SOYBEAN PLANTING PROGRESS



PASTURE CONDITION  
% Good to Excellent



**KENTUCKY CROP PROGRESS**  
WEEK ENDING JUNE 16, 2002  
WITH COMPARISONS

**SOIL MOISTURE**  
WEEK ENDING JUNE 14, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	99	100	98	99	98
Emerged	98	99	94	94	94
Soybeans					
Planted	66	82	65	59	85
Emerged	56	79	52	43	66
Sorghum Planted	75	84	62	36	74
Burley Tobacco Set	87	90	80	76	NA
Dark Tobacco Set	92	94	84	68	NA

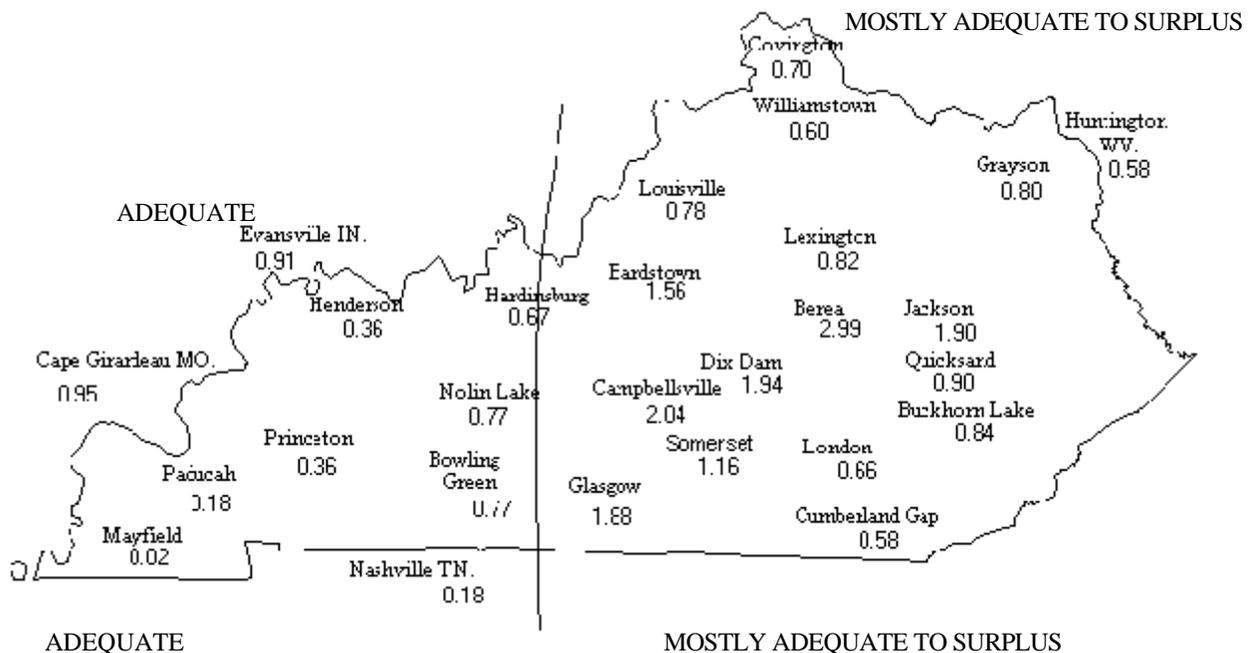
	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	0	1
Short	6	13
Adequate	78	67
Surplus	16	19
<b>SUBSOIL</b>		
Very Short	1	2
Short	5	9
Adequate	81	67
Surplus	13	22

(NA) Data Not Available.

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JUNE 14, 2002					WEEK ENDING JUNE 7, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	4	18	53	25	1	5	22	52	20
Soybeans	0	2	23	55	20	0	1	20	62	17
Pasture	0	2	15	58	25	0	2	19	55	24
Set Tobacco	1	4	20	56	19	1	6	28	55	10

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 16, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 14, 2002**



# KENTUCKY WEATHER SUMMARY, JUNE 10 - 16, 2002:

## Near Normal Temperatures and Near Normal Rainfall:

Warm, humid conditions during the first half of the workweek were offset by cooler, drier conditions towards the latter half of the workweek and the weekend. Scattered showers provided beneficial moisture to much of the State.

Temperatures for the period averaged 73 degrees across the State which was near normal and 2 degrees cooler than the previous week. High temperatures averaged from 85 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 66 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 1 degree above normal in the East. Extreme high temperatures were in the low 90's and extreme low temperatures were in the low to mid 50's.

Rainfall for the past 7 days totaled 0.94 inches statewide which was +0.05 inches from normal. Rainfall totals by climate division, West 0.46 inches, Central 1.07 inches, Bluegrass 1.31 inches and East 0.93 inches, which was -0.39, +0.15, +0.43 and +0.01 inches respectively from normal. By station, rainfall totals ranged from a low of 0.02 inches at Mayfield to a high of 2.99 inches at Berea.

Tom Priddy

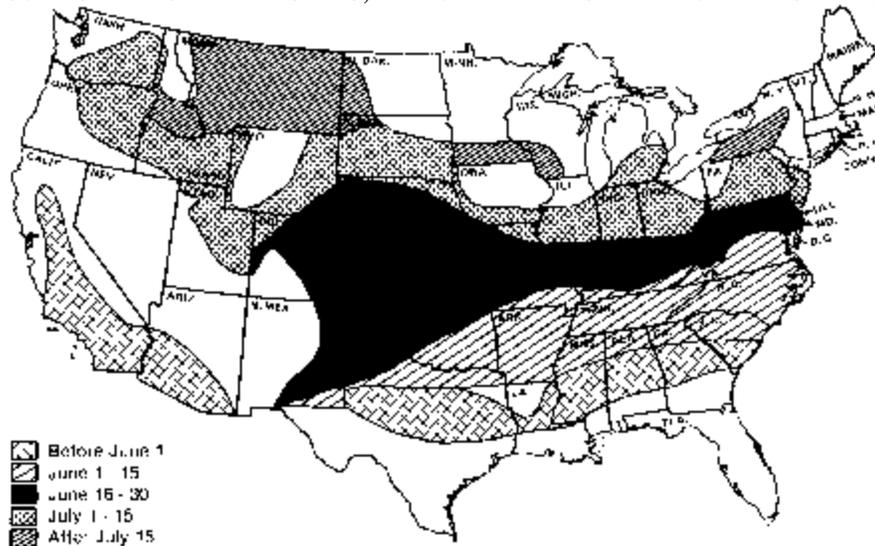
## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 16, 7:00 P.M.

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	1.56	16.81	2.49	+6.51	-1.19	86	56	72.7	-0	158	1196	+79
Berea	2.99	18.77	5.07	+7.59	+1.10	87	54	73.1	+1	160	1244	+96
Bowling Green	0.77	13.96	1.61	+2.48	-2.53	91	57	74.2	+1	163	1230	+66
Bristol	0.73	4.59	1.33	-4.50	-2.07	90	50	71.1	-1	141	1165	+125
Buckhorn Lake	0.84	10.61	2.46	+0.54	-1.34	90	54	72.0	-0	150	1141	+133
Cape Girardeau	0.95	20.83	2.12	+9.36	-1.74	89	56	76.1	+1	178	1282	+71
Campbellsville	2.04	13.94	3.06	+1.79	-1.17	88	55	73.4	+0	159	1269	+137
Covington	0.70	17.15	4.48	+7.07	+0.78	85	54	70.6	-2	143	997	+3
Cumberland Gap	0.58	6.69	1.08	-4.47	-3.05	89	54	71.9	-0	148	1193	+169
Dix Dam	1.94	15.97	2.84	+5.05	-0.95	86	55	72.6	+0	156	1179	+62
Evansville	0.91	17.38	2.52	+6.75	-1.18	89	57	75.1	+0	172	1205	+71
Glasgow	1.88	12.19	2.69	+0.13	-1.72	91	55	75.0	+2	166	1356	+268
Grayson	0.80	12.01	2.63	+2.07	-1.07	87	55	72.4	+0	156	1119	+172
Hardinsburg	0.67	15.56	2.42	+4.36	-1.49	87	57	74.1	+1	165	1192	+28
Henderson	0.36	20.35	3.88	+9.52	+0.10	87	57	75.3	+0	175	1258	+94
Huntington	0.58	11.85	2.38	+2.02	-1.24	88	55	72.6	+0	155	1121	+97
Jackson	1.90	13.41	4.18	+2.79	+0.41	85	54	70.6	-2	143	1144	+136
Lexington	0.82	11.31	2.29	+1.01	-1.39	87	54	72.4	+0	154	1100	+90
London	0.66	9.88	2.30	-0.23	-1.28	86	53	71.3	-1	148	1122	+98
Louisville	0.78	16.38	3.42	+5.68	-0.21	87	57	73.2	+0	161	1165	+31
Mayfield	0.02	12.26	0.46	+0.40	-3.28	87	56	73.2	-2	158	1195	-30
Nashville	0.18	8.76	0.62	-2.39	-3.17	90	57	75.0	+2	169	1330	+89
Nolin Lake	0.77	14.28	1.75	+2.18	-2.46	89	57	73.9	+1	162	1202	+117
Paducah	0.18	16.71	1.00	+4.60	-3.07	91	58	76.1	+1	176	1302	+91
Princeton	0.36	15.92	3.05	+4.11	-0.92	88	57	75.7	+1	174	1383	+189
Quicksand	0.90	11.52	2.57	+0.90	-1.20	92	54	72.1	-0	150	1141	+133
Somerset	1.16	11.39	1.97	-0.29	-2.25	87	55	72.4	+0	154	1157	+56
Spindletop	0.82	10.94	2.39	+0.64	-1.29	87	55	71.4	-1	148	1069	+59
Williamstown	0.60	13.37	3.54	+2.80	-0.18	86	52	71.9	-0	151	1154	+144

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: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# WINTER WHEAT

## USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE UNITED STATES



### WINTER WHEAT, SELECTED STATES & U.S., JUNE 1, 2002

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	2001	Ind. 2002	2001	Ind. 2002	2000	2001	Ind. 2002
	(1,000 Acres)		(Bushels)		(1,000 Bushels)		
Colorado	2,000	1,800	33.0	23.0	68,150	66,000	41,400
Illinois	720	650	61.0	55.0	52,440	43,920	35,750
Indiana	380	330	66.0	60.0	35,190	25,080	19,800
Kansas	8,200	8,000	40.0	35.0	347,800	328,000	280,000
<b>KENTUCKY</b>	<b>360</b>	<b>380</b>	<b>66.0</b>	<b>62.0</b>	<b>23,940</b>	<b>23,760</b>	<b>23,560</b>
Missouri	760	760	54.0	51.0	49,400	41,040	38,760
Montana	870	1,000	22.0	30.0	44,550	19,140	30,000
Nebraska	1,600	1,600	37.0	29.0	59,400	59,200	46,400
Ohio	900	825	67.0	65.0	79,920	60,300	53,625
Oklahoma	3,700	3,600	33.0	31.0	142,800	122,100	111,600
Oregon	700	750	40.0	47.0	45,260	28,000	35,250
Tennessee	340	270	54.0	51.0	20,900	18,360	13,770
Texas	3,200	2,500	34.0	32.0	66,000	108,800	80,000
Washington	1,750	1,700	61.0	65.0	131,400	106,750	110,500
<b>U.S.</b>	<b>31,295</b>	<b>30,174</b>	<b>43.5</b>	<b>41.0</b>	<b>1,566,023</b>	<b>1,361,479</b>	<b>1,237,671</b>

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