



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
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**AGRICULTURAL NEWS:** Midweek showers and weekend rains replenished topsoil moisture and promoted plant growth. One to three inches of rain fell over much of the State. Moisture was timely as most crops had been planted and most producers had harvested their spring hay crops. Days suitable for fieldwork averaged 5.0 out of a possible six. Prior to the rain, **topsoil moisture** as of Friday, June 16, prior to the rain, was rated 11 percent very short, 42 percent short, 44 percent adequate and 3 percent surplus. **Subsoil moisture** was rated 14 percent very short, 42 percent short, 42 percent adequate and 2 percent surplus. Major activities during the week included harvesting small grains, seeding double crop soybeans and making hay.

**CORN:** Much of the crop had begun to show stress from lack of moisture, but recent rains will spur plant growth and improve plant conditions. Condition as of Friday, June 16 was reported as 1 percent very poor, 2 percent poor, 24 percent fair, 49 percent good, and 24 percent excellent. Few reports of disease and insect problems were received.

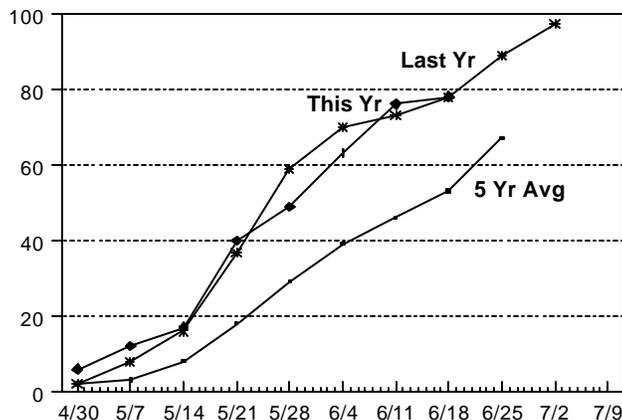
**SOYBEANS:** Seeding of double crop beans reached 33 percent complete by the end of the week. About 95 percent of the full season beans were in the ground. As of Sunday, June 18, 78 percent of the total soybean crop had been planted, equal to last year, and ahead of the five-year average of 53 percent. About 76 percent of the crop had emerged at weeks end compared with 73 percent a year ago, and the five-year average of 41 percent. Average height of emerged soybeans was 6 inches as of Friday, June 16. Condition was reported as 2 percent poor, 19 percent fair, 58 percent good, and 21 percent excellent.

**TOBACCO:** As of Sunday, June 18, 97 percent of the intended **burley** acreage had been set compared with 96 percent a year ago and well ahead of the average of 76 percent. About 97 percent of the **dark tobacco** acreage was set, compared with 93 percent last year and the average of 82 percent. Disease and insect problems were minor in most areas. Problems with black shank, flea beetles, and hornworms were reported in a few areas. By Friday, June 16, 5 percent of set tobacco was over 24 inches tall. About 21 percent was 12 - 24 inches high and 74 percent was under 12 inches in height. Condition of set tobacco was reported as 1 percent very poor, 5 percent poor, 26 percent fair, 56 percent good, and 12 percent excellent.

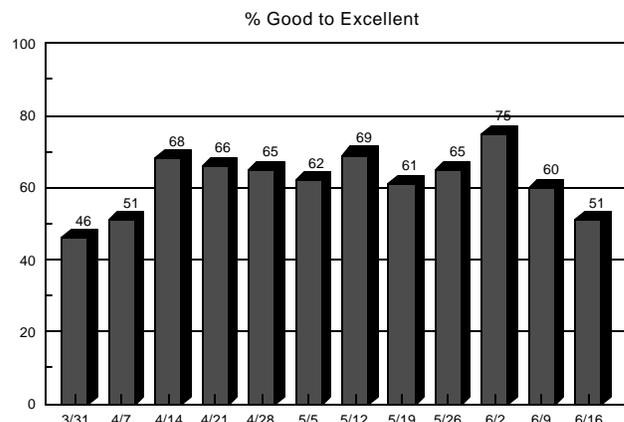
**SMALL GRAINS:** **Barley** harvest was 90 percent complete by the end of the week. **Wheat** harvest made good progress with 40 percent of the harvest complete as of Sunday, June 18. Reported yields varied considerably, and some low test weights were noted. Low wheat prices and lodging damage may encourage some producers to cut wheat for hay. Where lodging damage was severe, a few fields were burned to allow producers to plant double crop soybeans.

**OTHER CROPS:** **Sorghum** planting advanced to 78 percent complete by the end of the week. Haying conditions were excellent early in the week but rain late in the week halted harvest. About 25 percent of the second cutting of **alfalfa** has been completed. Rain benefitted **pastures**, especially in dry eastern & central areas. Pasture condition should improve with the rain, but as of Friday, June 16 they were rated 3 percent very poor, 10 percent poor, 36 percent fair, 44 percent good and 7 percent excellent.

SOYBEAN PLANTING PROGRESS



PASTURE CONDITION



**KENTUCKY CROP PROGRESS**  
WEEK ENDING JUNE 18, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Planted	78	78	53	76	93
Emerged	76	73	41	65	87
Burley Tobacco Set	97	96	76	91	NA
Dark Tobacco Set	97	93	82	97	NA
Wheat Harvested	40	30	16	10	18

(NA) Data Not Available.

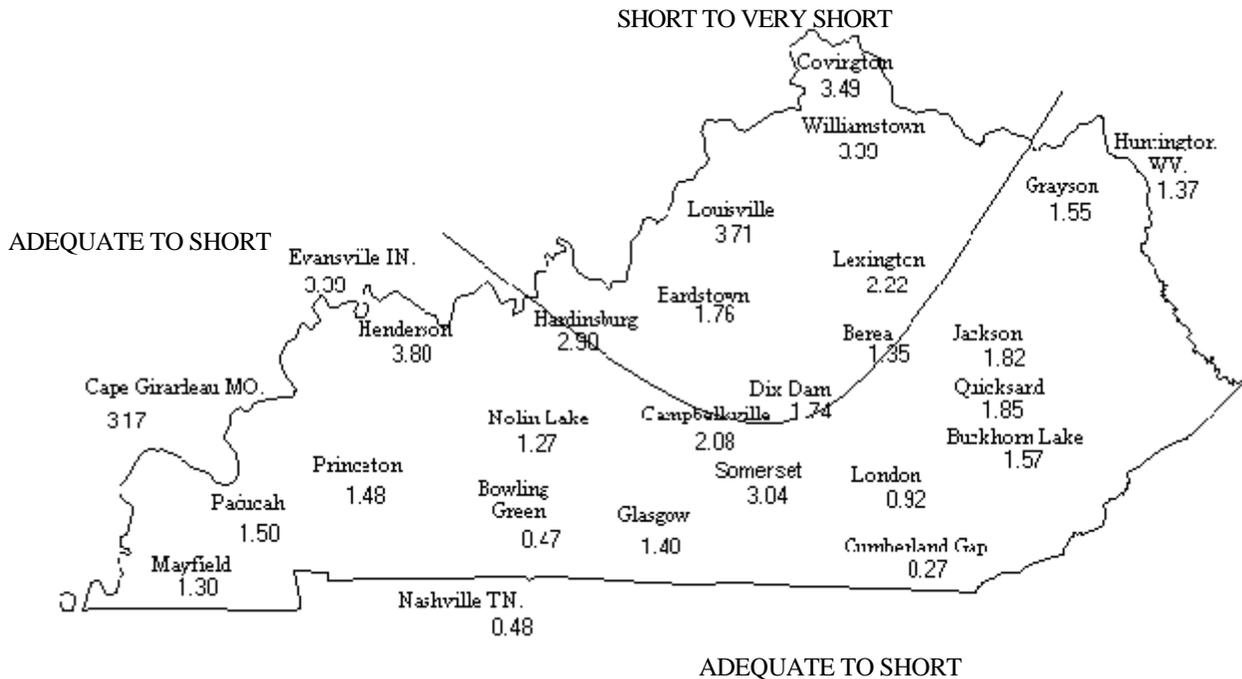
**SOIL MOISTURE**  
WEEK ENDING JUNE 16, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	11	5
Short	42	33
Adequate	44	60
Surplus	3	2
<b>SUBSOIL</b>		
Very Short	14	10
Short	42	28
Adequate	42	60
Surplus	2	2

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JUNE 16, 2000					WEEK ENDING JUNE 9, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	2	24	49	24	0	3	19	59	19
Soybeans	0	2	19	58	21	0	2	17	67	14
Pasture	3	10	36	44	7	1	6	33	48	12
Set Tobacco	1	5	26	56	12	1	2	27	56	14

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 18, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 16, 2000**



# KENTUCKY WEATHER SUMMARY, JUNE 12 - 18, 2000:

## ABOVE NORMAL RAINFALL AND ABOVE NORMAL TEMPERATURES:

Much needed rainfall occurred over the weekend throughout the State which helped to put a dent in the hydrological drought and provided surplus moisture for agricultural purposes. It was also hot and muggy during the work week with high's in the upper 80s to 90s and with summer-like lows near 70.

Temperatures for the period averaged 77 degrees across the State which was 4 degrees ABOVE NORMAL. High temperatures averaged from 86 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to 3 degrees ABOVE NORMAL in the East. Low temperatures averaged from 69 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees ABOVE NORMAL in the West to 6 degrees ABOVE NORMAL in the East. On June 10 the Palmer Drought Index showed all of the State in a MODERATE drought except for the Bluegrass region which was in a SEVERE drought hydrologically. The Crop Moisture Index for June 10 showed the State at NEAR NORMAL conditions agriculturally. Rainfall for the period totaled 2.04 inches Statewide which was 1.15 inches ABOVE NORMAL. Precipitation totals by climate division, West 2.44 inches, Central 1.92 inches, Bluegrass 2.27 inches and East 1.55 inches, which was 1.58, 1.00, 1.39 and 0.63 inches ABOVE NORMAL respectively. By station, precipitation totals ranged from a low of 0.27 inches at Cumberland Gap to a high of 3.80 inches at Henderson.

Tom Priddy

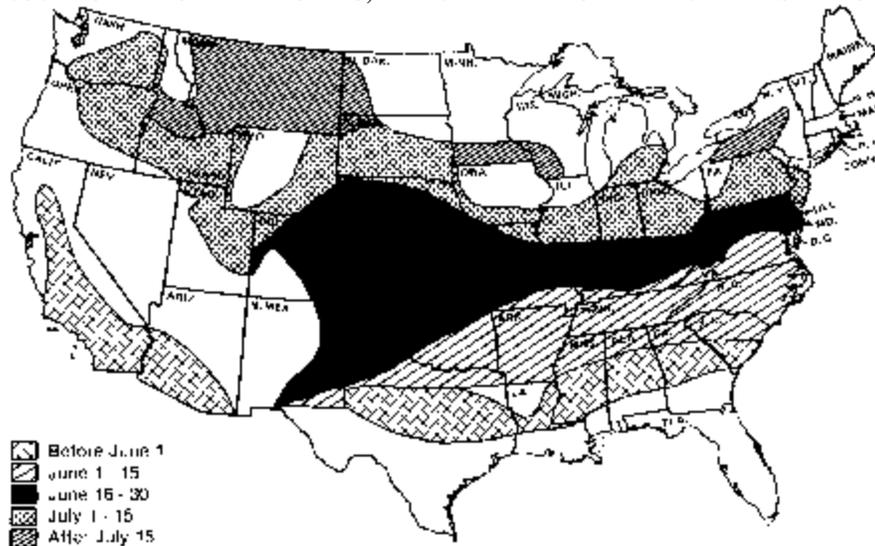
## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 18, 7:00 P.M.

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	1.76	8.99	3.41	-1.56	-0.23	92	66	76.7	+3	178	1238	+77
Berea	1.35	12.20	6.72	+0.76	+2.80	91	62	75.6	+3	173	1223	+31
Bowling Green	0.47	11.12	4.80	-0.64	+0.70	94	66	78.9	+5	190	1239	+29
Bristol	1.56	8.89	4.79	-0.43	+1.41	91	61	75.8	+3	171	1115	+33
Buckhorn Lake	1.57	11.15	4.12	+0.80	+0.30	91	62	76.0	+3	171	1212	+166
Cape Girardeau	3.17	8.42	5.19	-3.28	+1.43	93	63	76.2	+1	173	1258	-1
Campbellsville	2.08	12.26	5.98	-0.17	+1.81	93	65	77.8	+4	184	1285	+111
Covington	3.49	12.76	5.57	+2.43	+1.89	88	66	75.2	+2	171	1083	+49
Cumberland Gap	0.27	9.15	3.22	-2.30	-0.89	91	61	76.7	+4	178	1268	+204
Dix Dam	1.74	10.58	4.84	-0.58	+1.11	93	66	77.1	+4	180	1209	+48
Evansville	3.39	8.52	4.44	-2.34	+0.81	93	66	77.1	+2	178	1173	-7
Glasgow	1.40	13.66	7.42	+1.29	+3.03	95	68	79.5	+6	189	1361	+229
Grayson	1.55	10.05	4.12	-0.14	+0.44	93	68	78.0	+5	187	1173	+188
Hardinsburg	2.90	10.23	5.05	-1.22	+1.21	94	68	78.1	+5	186	1287	+77
Henderson	3.80	11.25	6.40	+0.17	+2.66	94	66	77.4	+2	184	1294	+84
Huntington	1.37	9.44	4.19	-0.64	+0.60	93	68	78.0	+5	187	1164	+100
Jackson	1.82	12.03	3.90	+1.16	+0.16	91	67	76.9	+4	180	1170	+124
Lexington	2.22	10.37	3.78	-0.18	+0.14	95	68	78.7	+6	187	1161	+109
London	0.92	9.44	3.21	-0.91	-0.34	92	65	77.1	+4	179	1152	+88
Louisville	3.71	10.21	4.99	-0.72	+1.42	94	68	78.1	+4	184	1234	+54
Mayfield	1.30	9.31	3.78	-2.77	+0.14	93	65	77.1	+2	179	1251	-20
Nashville	0.48	14.86	7.30	+3.47	+3.58	92	68	79.2	+6	193	1322	+33
Nolin Lake	1.27	11.25	5.31	-1.11	+1.19	94	67	78.6	+5	187	1272	+147
Paducah	1.50	10.84	4.76	-1.54	+0.74	95	68	78.4	+3	183	1291	+32
Princeton	1.48	12.30	4.47	+0.23	+0.56	95	67	79.3	+4	190	1384	+144
Quicksand	1.85	14.37	6.91	+3.50	+3.17	91	62	76.0	+3	171	1240	+194
Somerset	3.04	13.36	5.91	+1.40	+1.73	90	62	76.5	+4	181	1246	+103
Spindletop	1.44	8.57	2.65	-1.98	-0.99	92	67	77.7	+5	185	1135	+83
Williamstown	3.39	13.20	6.05	+2.38	+2.37	91	66	77.6	+5	184	1221	+169

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/>

# WINTER WHEAT

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



### WINTER WHEAT, SELECTED STATES & U.S., JUNE 1, 2000

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1999	Ind. 2000	1999	Ind. 2000	1998	1999	Ind. 2000
	(1,000 Acres)		(Bushels)			(1,000 Bushels)	
Colorado	2,400	2,350	43.0	40.0	99,450	103,200	94,000
Illinois	1,010	910	60.0	55.0	57,600	60,600	50,050
Indiana	510	510	66.0	62.0	35,750	33,660	31,620
Kansas	9,200	9,200	47.0	42.0	494,900	432,400	386,400
<b>KENTUCKY</b>	<b>410</b>	<b>430</b>	<b>60.0</b>	<b>55.0</b>	<b>24,750</b>	<b>24,600</b>	<b>23,650</b>
Missouri	920	920	48.0	51.0	57,500	44,160	46,920
Montana	970	1,430	38.0	35.0	48,750	36,860	50,050
Nebraska	1,800	1,750	48.0	42.0	82,800	86,400	73,500
Ohio	1,030	1,005	70.0	72.0	74,240	72,100	72,360
Oklahoma	4,300	4,100	35.0	37.0	198,900	150,500	151,700
Oregon	630	740	47.0	60.0	52,930	29,610	44,400
Tennessee	340	380	54.0	50.0	15,170	18,360	19,000
Texas	3,400	2,200	36.0	31.0	136,500	122,400	68,200
Washington	1,670	1,750	58.0	69.0	136,500	96,860	120,750
<b>U.S.</b>	<b>35,572</b>	<b>34,709</b>	<b>47.8</b>	<b>46.7</b>	<b>1,880,733</b>	<b>1,699,989</b>	<b>1,621,966</b>

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, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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