



Kentucky Agricultural Statistics Service  
 P.O. Box 1120  
 Louisville, Kentucky 40201-1120  
 (502) 582-5293 or 1-800-928-5277

# KENTUCKY WEEKLY CROP & WEATHER REPORT



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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**AGRICULTURAL NEWS:** The last week of March continued with below normal temperatures. Average temperatures were 8 degrees below normal at 42 degrees, with cooler temperatures and below normal rainfall. **Topsoil moisture**, as of Friday, March 30 was rated 1 percent very short, 12 percent short, 77 percent adequate, and 10 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 20 percent short, 72 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 3.9 out of a possible 6 days. Farmers were starting to seed traditional and greenhouse tobacco beds while completing fertilization of winter wheat. Approximately 30 percent of plowing and field preparation for planting is reported as completed. Farmers also reported repairing fences and general repairs to machinery as current activities.

**TOBACCO:** Plant bed and greenhouse seeding was 47 percent complete by Sunday, April 1. This was 18 percent behind last year. Kentucky burley gross sales through March totaled 216.8 million pounds and averaged \$198.43 per hundred pounds.

**SMALL GRAINS & LEGUMES:** Snow cover during extreme cold periods helped keep Kentucky's winter wheat crop in mostly good condition. Producers reported 4 percent of the wheat lost due to winter kill. As of Sunday, April 1 winter wheat condition was 1 percent very poor, 4 percent poor, 23 percent fair, 52 percent good, 15 percent excellent. Barley acreage lost to winter kill was reported at 3 percent. Barley was rated 3 percent poor, 24 percent fair, 58 percent good, and 15 percent excellent. Losses to alfalfa and red clover were 6 percent and 7 percent respectively.

**PASTURE AND LIVESTOCK:** Pasture condition was rated 2 percent very poor, 19 percent poor, 36 percent fair, 38 percent good, and 5 percent excellent. Only 20 percent of the current roughage requirements are being met from pastures. Some 88 percent of the state's farms with livestock are still using winter feed. Hay supplies are being reported as adequate with cattle and calf loss low.

### MARCH 1, 2001 PROSPECTIVE PLANTINGS-PLANTED ACRES, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2000	Ind. 2001	2001 % of 2000	2000	Ind. 2001	2001 % of 2000
	(Thousand Acres)		Percent	(Thousand Acres)		Percent
All Tobacco <u>1/</u>	137.7	130.5	95	485.7		94
Burley Tobacco <u>1/</u>	125.0	120.0	96	198.4		92
Corn	1,330	1,280	96	79,545	76,693	96
Soybeans	1,200	1,250	104	74,496	76,657	103
All Sorghum	11	11	100	9,195	9,368	102
All Wheat <u>2/</u>	670	550	82	62,529	60,299	96
All Hay <u>1/</u>	2,450	2,300	94	59,854	63,771	107
Barley <u>2/</u>	9	9	100	5,844	5,321	91

1/ Harvested acreage. 2/ Includes acreage planted preceding fall.

### KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 1, 2001  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Beds Seeded	47	56	30	NA	NA

(NA)Data Not Available.

### SOIL MOISTURE

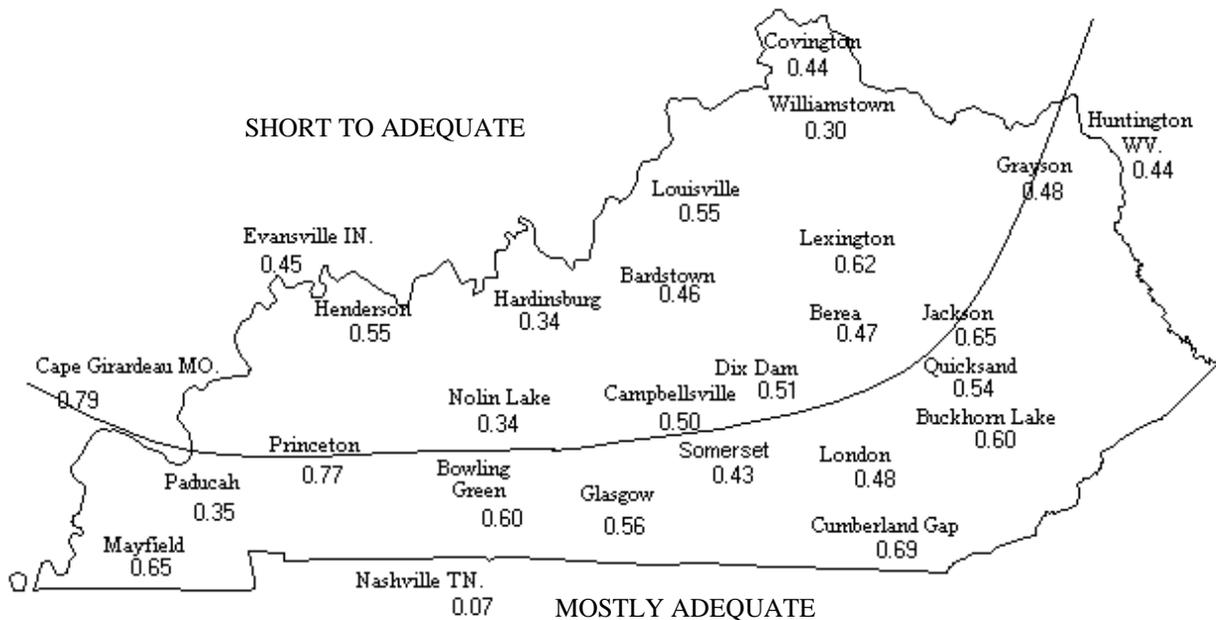
WEEK ENDING MARCH 30, 2001  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	1	NA
Short	12	NA
Adequate	77	NA
Surplus	10	NA
<b>SUBSOIL</b>		
Very Short	1	NA
Short	20	NA
Adequate	72	NA
Surplus	7	NA

### KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MARCH 30, 2001					WEEK ENDING MARCH 23, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	1	4	23	52	20	No Survey Conducted				
Barley	0	3	24	58	15					
Pasture	2	19	36	38	5					

### PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 1, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MARCH 30, 2001



# **KENTUCKY WEATHER SUMMARY, MARCH 26 - APRIL 1, 2001:**

## **BELOW NORMAL TEMPERATURES AND PRECIPITATION:**

Below normal temperatures continued to be the story last week with several days of rain showers that produced below normal amounts of rain for this time of year in Kentucky. Soil temperatures were also cool with temperatures in the 40s for 4" under sod across the State. These cool air and soil temperatures and cloudy days have hampered farmers efforts to get into their fields and kept plants such as flowers or trees from blooming.

Temperatures for the period averaged 42 degrees across the State which was 8 degrees BELOW NORMAL. High temperatures averaged from 52 in the West to 51 in the East. Departure from normal high temperatures ranged from 13 degrees BELOW NORMAL in the West to 8 degrees BELOW NORMAL in the East. Low temperatures averaged from 32 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from 8 degrees BELOW NORMAL in the West to 6 degrees BELOW NORMAL in the East.

Precipitation (liq. equ.) for the period totaled 0.53 inches statewide which was 0.49 inches BELOW NORMAL. Precipitation totals by climate division, West 0.59 inches, Central 0.47 inches, Bluegrass 0.53 inches and East 0.54 inches, which was 0.52, 0.57, 0.46 and 0.42 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of 0.30 inches at Williamstown to a high of 0.82 inches at Spindletop.

Tom Priddy

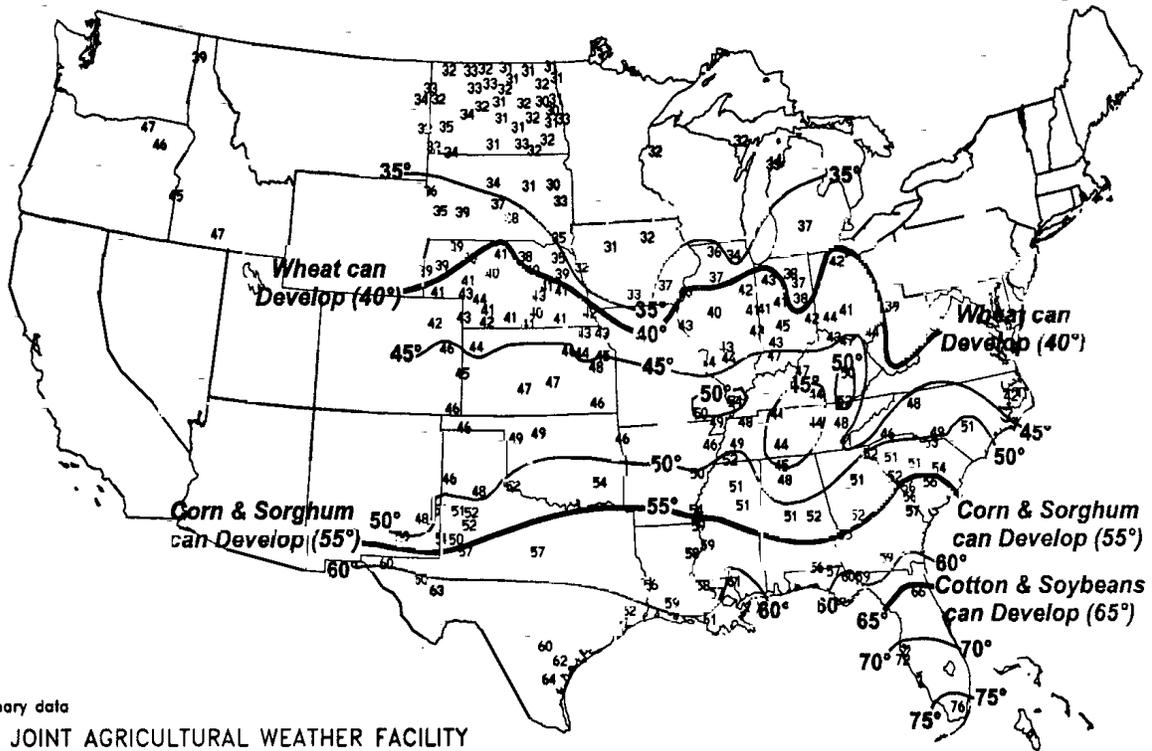
### **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 1, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.46	9.06	-1.54	50	41	58	18	41.0	-9
Berea	0.47	10.20	+0.01	54	40	64	18	41.8	-7
Bowling Green	0.60	9.40	-3.79	--	--	59	20	42.7	-7
Bristol	2.67	12.04	+1.56	--	--	56	19	41.4	-7
Buckhorn Lake	0.60	9.74	-1.86	--	--	60	22	42.4	-6
Cape Girardeau	0.79	8.09	-3.31	--	--	57	15	41.4	-11
Campbellsville	0.50	10.17	-2.52	52	41	60	18	42.4	-8
Covington	0.44	4.31	-5.33	--	--	57	16	39.2	-9
Cumberland Gap	0.69	11.77	-1.75	56	45	58	19	43.1	-6
Dix Dam	0.51	9.82	-1.04	--	--	60	19	41.2	-7
Evansville	0.45	6.87	-3.75	--	--	59	20	41.5	-11
Glasgow	0.56	9.46	-3.80	52	42	59	18	42.6	-8
Grayson	0.48	7.30	-1.98	52	42	56	20	41.0	-8
Hardinsburg	0.34	7.71	-4.40	51	43	57	20	41.9	-8
Henderson	0.55	5.76	-5.26	54	42	56	18	41.6	-11
Huntington	0.44	6.87	-2.36	--	--	60	19	41.2	-7
Jackson	0.65	8.90	-2.47	--	--	61	21	42.2	-6
Lexington	0.62	8.55	-2.05	--	--	58	19	40.5	-8
London	0.48	10.25	-1.38	--	--	56	20	40.8	-8
Louisville	0.55	7.92	-3.04	--	--	57	21	41.3	-9
Mayfield	0.65	6.47	-7.48	52	42	56	20	41.6	-11
Nashville	0.07	14.28	+1.87	--	--	57	25	44.4	-6
Nolin Lake	0.34	8.64	-3.53	--	--	58	20	42.7	-7
Paducah	0.35	8.13	-4.13	47	43	57	19	42.1	-10
Princeton	0.77	9.47	-3.86	52	42	57	18	42.9	-10
Quicksand	0.54	10.41	-0.96	55	44	61	23	42.1	-7
Somerset	0.43	12.63	+0.40	52	41	60	17	42.5	-6
Spindletop	0.82	7.52	-3.08	48	36	56	19	39.8	-9
Williamstown	0.30	6.36	-3.79	53	38	57	17	40.1	-9

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/>

Average Soil Temperature (°F, 4" Bare)

MAR 18 - 24, 2001



Based on preliminary data  
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Supplemental data provided by High Plains Regional Climate Center

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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KENTUCKY AGRICULTURAL STATISTICS SERVICE  
AGRICULTURAL STATISTICIAN  
POST OFFICE BOX 1120  
LOUISVILLE, KENTUCKY 40201-1120

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