



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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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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AGRICULTURAL NEWS: The last week of March ended the month with below normal temperatures. Average temperatures were 1 degree below normal at 49 degrees. Rainfall was above normal across the State which hampered fieldwork and caused some flooding in low lying areas. **Topsoil moisture**, as of Friday, March 29 was rated 1 percent short, 31 percent adequate, and 68 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 4 percent short, 49 percent adequate, and 46 percent surplus. Days suitable for fieldwork averaged 1.2 out of a possible 7 days. Farmers were starting to seed traditional and greenhouse tobacco beds while completing fertilization of winter wheat. Approximately 28 percent of plowing and field preparation for planting was reported as completed. Farmers also reported repairing fences and general repairs to machinery as current activities.

TOBACCO: Plant bed and greenhouse seeding was 50 percent complete by Sunday, March 31. This was 3 percent ahead of last year. Burley tobacco sales in Kentucky through March totaled 263.2 million pounds and averaged \$197.72 per hundred pounds.

SMALL GRAINS & LEGUMES: A relatively mild winter helped keep Kentucky's winter wheat crop in mostly good condition. Producers reported 3 percent of the wheat lost due to winter kill. As of Sunday, March 31 winter wheat condition was 2 percent poor, 17 percent fair, 58 percent good, 23 percent excellent. Barley acreage lost to winter kill was reported at 3 percent. Barley was rated 3 percent poor, 19 percent fair, 67 percent good, and 11 percent excellent. Losses to alfalfa and red clover were both 5 percent.

PASTURE AND LIVESTOCK: Pasture condition was rated 2 percent very poor, 15 percent poor, 28 percent fair, 45 percent good, and 10 percent excellent. Only 19 percent of the current roughage requirements were being met from pastures. Some 83 percent of the state's farms with livestock were still using winter feed. Hay supplies were reported as adequate with cattle and calf loss light due to the mild winter.

MARCH 1, 2002 PROSPECTIVE PLANTINGS-PLANTED ACRES, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2001	Ind. 2002	2002 % of 2001	2001	Ind. 2002	2002 % of 2001
	(Thousand Acres)		Percent	(Thousand Acres)		Percent
All Tobacco ^{1/}	115.7	108.3	94	432.6	429.4	99
Burley Tobacco ^{1/}	105.0	100.0	95	164.5	158.6	96
Corn	1,200	1,270	106	75,752	79,047	104
Soybeans	1,240	1,170	94	74,105	72,966	98
All Sorghum	11	12	109	10,252	9,015	88
All Wheat ^{2/}	550	550	100	59,617	59,004	99
All Hay ^{1/}	2,350	2,350	100	63,511	63,743	100
Barley ^{2/}	9	9	100	4,967	5,078	102

^{1/} Harvested acreage. ^{2/} Includes acreage planted preceding fall.

KENTUCKY CROP PROGRESS
WEEK ENDING MARCH 31, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Beds Seeded	50	47	55	NA	NA

(NA)Data Not Available.

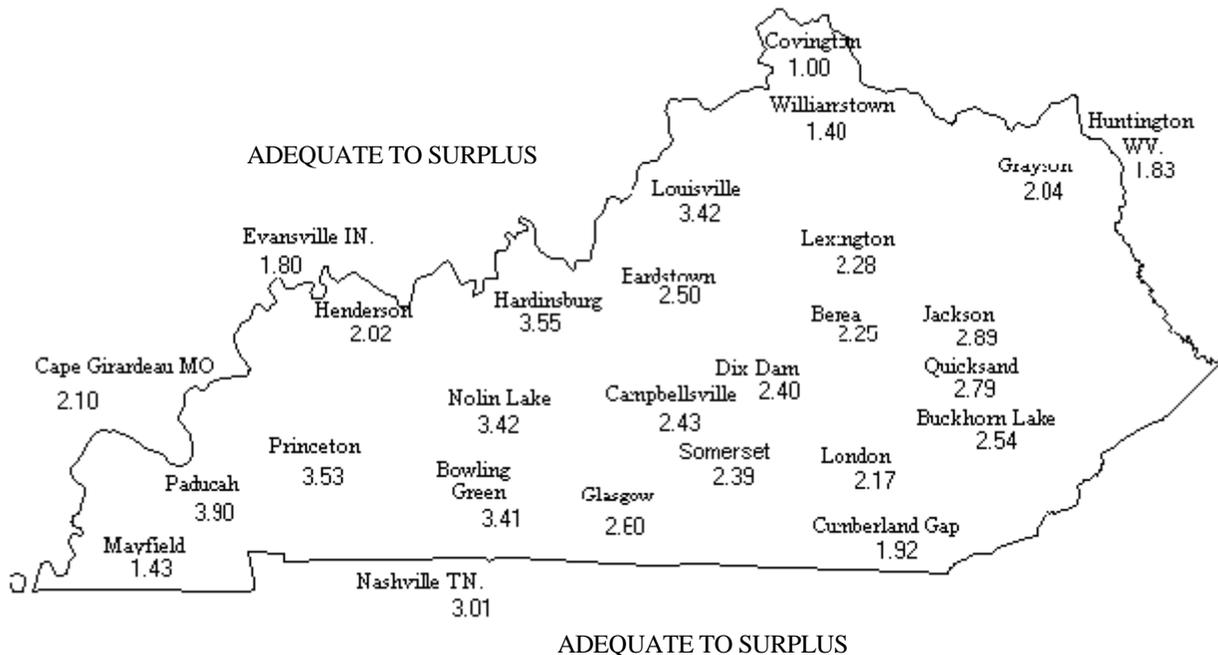
SOIL MOISTURE
WEEK ENDING MARCH 29, 2002
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	NA
Short	1	NA
Adequate	31	NA
Surplus	68	NA
SUBSOIL		
Very Short	1	NA
Short	4	NA
Adequate	49	NA
Surplus	46	NA

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MARCH 29, 2002					WEEK ENDING MARCH 22, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	2	17	58	23	No Survey Conducted				
Barley	0	3	19	67	11					
Pasture	2	15	28	45	10					

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MARCH 31, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MARCH 29, 2002



KENTUCKY WEATHER SUMMARY, MARCH 25 - 31, 2002:

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

The final week of March 2002 was cooler than normal with excess rainfall over the entire Bluegrass state which created flooding and flashing flooding concerns for the third week straight.

Temperatures for the period averaged 49 degrees across the State which was 1 degree BELOW NORMAL but 4 degrees warmer than the previous week. High temperatures averaged from 59 in the West to 60 in the East. Departure from normal high temperatures ranged from 6 degrees BELOW NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Low temperatures averaged from 38 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from 1 degree BELOW NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Extreme high temperatures were in the upper 70's and extreme low temperatures were in the mid 20's. Soil temperatures at 4 inches under a sod cover averaged in the mid to upper 40's for the week.

Rainfall for the period totaled 2.47 inches statewide which was 1.44 inches ABOVE NORMAL. Rainfall totals by climate division, West 2.46 inches, Central 3.15 inches, Bluegrass 1.96 inches and East 2.32 inches, which was 1.34, 2.09, 0.97 and 1.36 inches respectively ABOVE NORMAL. By Kentucky station, rainfall totals ranged from a low of 1.00 inches at Covington to a high of 3.90 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

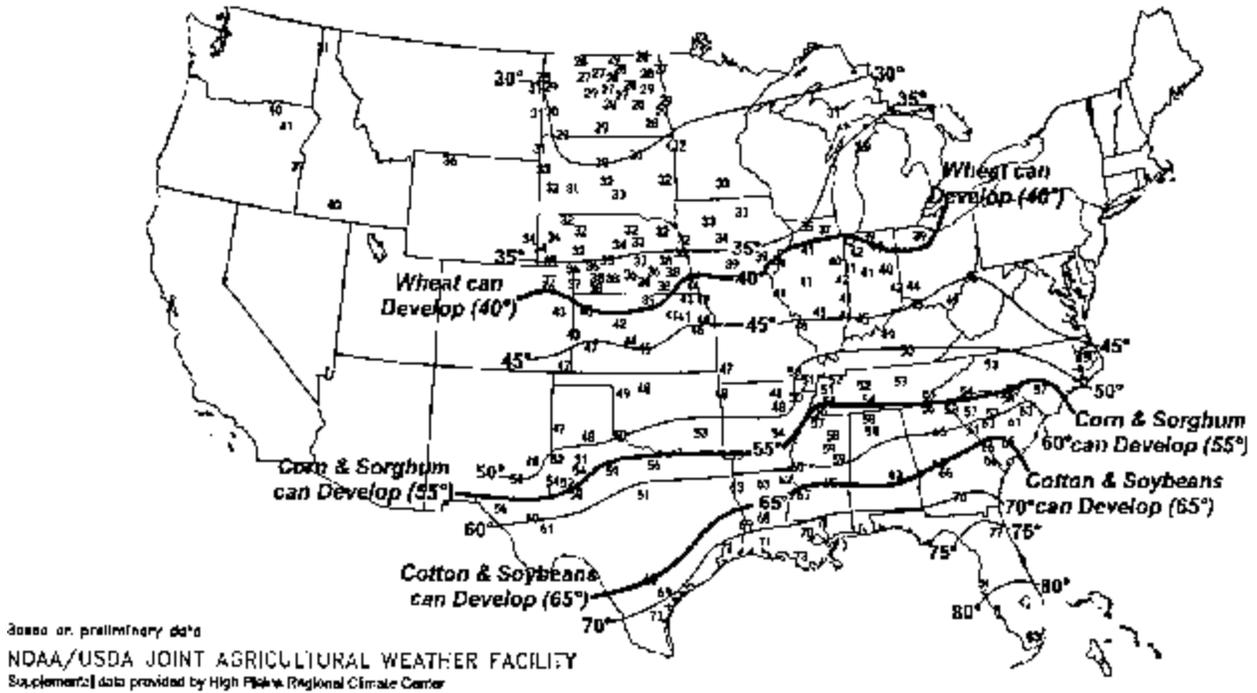
FOR WEEK ENDING SUNDAY, MARCH 31, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. Grass High	Soil 4 In. Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	2.50	12.22	+1.75	53	46	75	30	48.9	-1
Berea	2.25	11.71	+1.66	53	43	78	27	52.0	+4
Bowling Green	3.41	12.21	-0.84	--	--	80	26	50.6	+1
Bristol	1.33	11.06	+0.69	--	--	78	27	53.1	+5
Buckhorn Lake	2.54	12.87	+1.40	--	--	77	28	50.4	+2
Cape Girardeau	2.10	14.92	+3.67	--	--	74	33	47.9	-4
Campbellsville	2.43	12.86	+0.33	52	45	77	31	51.9	+2
Covington	1.00	8.60	-0.92	--	--	68	27	42.4	-6
Cumberland Gap	1.92	13.83	+0.45	52	45	78	28	52.1	+4
Dix Dam	2.40	11.39	+0.67	--	--	74	28	49.8	+1
Evansville	1.80	10.42	-0.07	--	--	71	32	46.2	-6
Glasgow	2.60	13.22	+0.11	49	44	77	32	54.1	+4
Grayson	2.04	11.76	+2.60	52	45	77	25	48.8	+0
Hardinsburg	3.55	12.97	+1.00	53	46	74	29	48.2	-2
Henderson	2.02	10.19	-0.69	53	46	73	28	47.9	-4
Huntington	1.83	12.40	+3.29	--	--	78	24	48.9	+1
Jackson	2.89	13.62	+2.39	--	--	77	29	50.4	+2
Lexington	2.28	11.66	+1.19	--	--	72	29	47.6	-1
London	2.17	13.29	+1.79	--	--	77	26	49.9	+2
Louisville	3.42	15.09	+4.27	--	--	71	30	46.8	-3
Mayfield	1.43	9.07	-4.71	52	45	75	30	49.7	-2
Nashville	3.01	16.42	+4.16	--	--	78	31	52.6	+3
Nolin Lake	3.42	13.02	+1.00	--	--	78	27	49.6	-0
Paducah	3.90	14.76	+2.67	41	38	72	25	48.0	-4
Princeton	3.53	14.33	+1.16	57	45	78	25	51.8	-0
Quicksand	2.79	12.92	+1.69	52	45	77	29	50.4	+2
Somerset	2.39	13.54	+1.45	56	45	78	24	51.6	+3
Spindletop	2.21	11.10	+0.63	52	41	71	27	109.7	+61
Williamstown	1.40	10.17	+0.16	53	40	69	29	46.8	-2

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 17 - 23, 2002



Based on preliminary data
NDAA/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 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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