



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

LELAND E. BROWN, State Statistician

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JOC 5-02

AGRICULTURAL NEWS: Warm weather with near-record highs were the story of the week. Temperatures averaged 73 degrees, 16 degrees above normal and 11 degrees above last week's average. Rainfall totaled 0.75 inches statewide, 0.23 inches below normal. **Topsoil moisture**, as of Friday, April 19 was rated 3 percent short, 73 percent adequate, and 24 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 3 percent short, 74 percent adequate, and 22 percent surplus. Days suitable for fieldwork averaged 4 out of a possible 7.

TOBACCO: Farmers reported obtaining 15 percent of their tobacco plants from conventional beds and 85 percent from greenhouses and float beds. Tobacco transplants were reported as 62 percent less than 2 inches, 27 percent were between 2 to 4 inches, and 11 percent were larger than 4 inches.

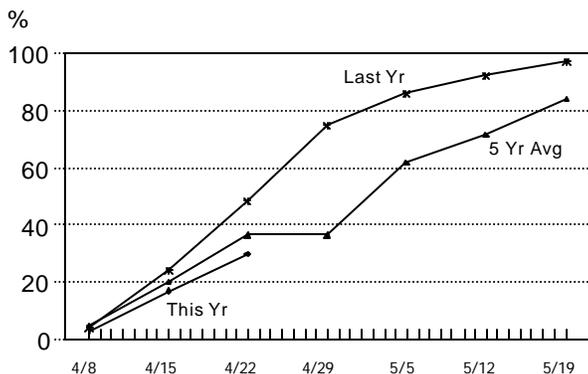
SMALL GRAINS: As of Sunday, April 21 winter wheat condition was 2 percent poor, 13 percent fair, 57

percent good, and 28 percent excellent. Wheat headed was reported at 5 percent, down from 6 percent last year.

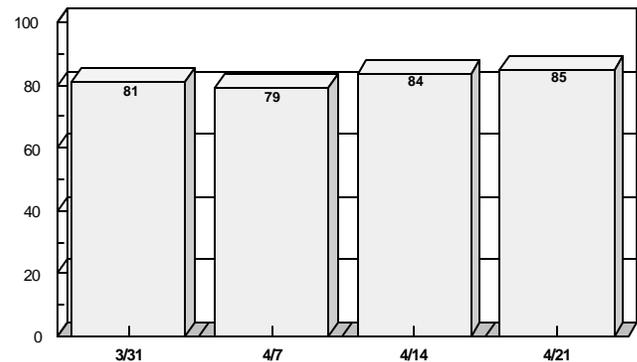
CORN: Some farmers in the western counties are reporting washout after some late week thunderstorms. Corn producers have seeded 30 percent of their acres with 15 percent already emerged. This compared with 45 percent planted and 14 percent emerged last year. Emerged corn rated 4 percent poor, 13 percent fair, 60 percent good, and 23 percent excellent.

OTHER CROPS: Pasture condition was rated 1 percent very poor, 3 percent poor, 20 percent fair, 55 percent good, and 21 percent excellent. Pasture conditions continued to improve with some producers turning their cattle out. Farmers also reported some top dressing of pasture and hay fields last week. Farmers are predicting May 6th for beginning alfalfa cutting. Strawberries were reported 5 percent poor, 24 percent fair, 58 percent good, and 13 percent excellent. Some farmers reported they were starting to plant soybeans.

CORN PLANTING PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING APRIL 21, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	30	45	34	17	4
Emerged	15	14	7	NA	NA
Wheat					
Headed or Heading	5	6	7	NA	3
Soybeans Planted	1	2	1	NA	NA

(NA) Data Not Available.

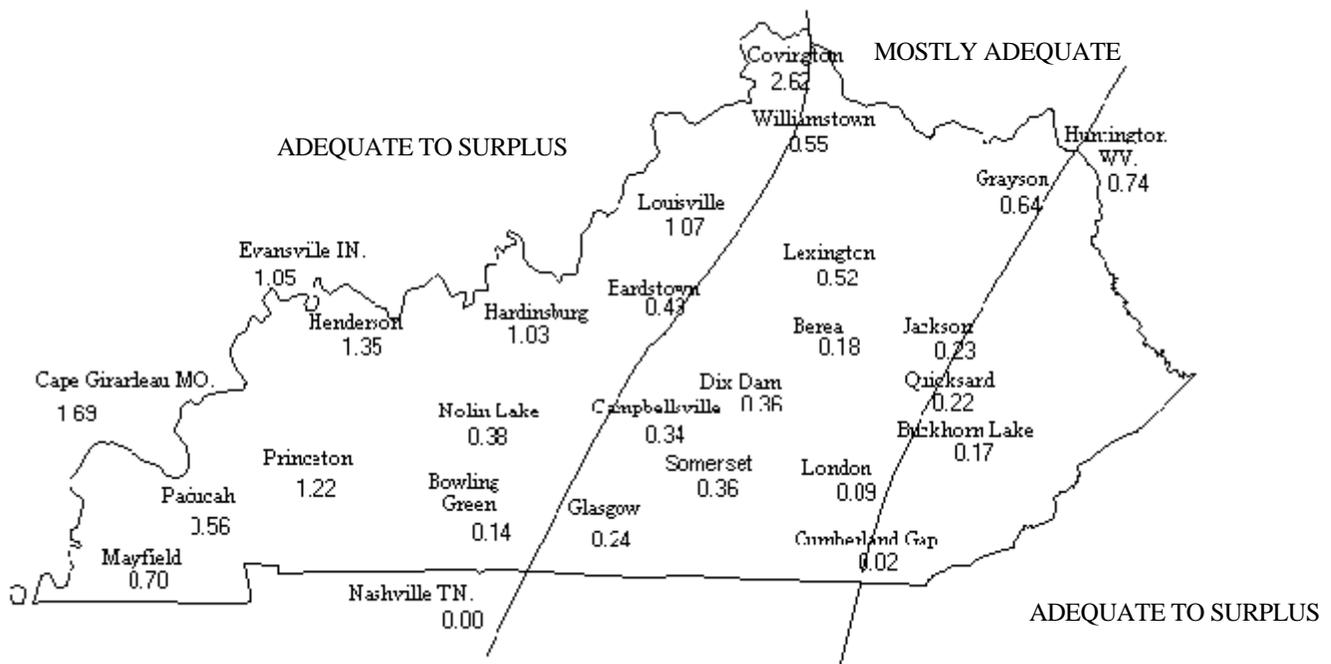
SOIL MOISTURE
WEEK ENDING APRIL 19, 2002
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	3	1
Adequate	73	74
Surplus	24	25
SUBSOIL		
Very Short	1	1
Short	3	5
Adequate	74	70
Surplus	22	24

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 19, 2002					WEEK ENDING APRIL 12, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	0	4	13	60	23	-	-	-	-	-
Wheat	0	2	13	57	28	0	2	14	64	20
Pasture	1	3	20	55	21	1	6	24	54	15
Strawberries	0	5	24	58	13	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 21, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 19, 2002



KENTUCKY WEATHER SUMMARY, APRIL 15 - 21, 2002:

ABOVE NORMAL TEMPERATURE AND BELOW NORMAL RAINFALL:

Near-record temperatures during the past 7 days created an explosive force of biological activity in the Bluegrass state. Degree days accumulated at a very rapid pace and were similar to the record level of heat units that occurred this time last year. So far April 2002 ranks as the 7th warmest April in the past 108 years while April 2001's temperatures were ranked as the 4th warmest in the past 108 years. Most of last week's rainfall occurred on the weekend with some stations in the northern half of the State reporting 1 to 2 inch totals through the weekend.

Temperatures for the past week averaged 73 degrees across the State which was 16 degrees ABOVE NORMAL and 11 degrees warmer than the previous week. Most stations reported 6 of the past 7 days with high temperatures in the 80's and many stations in the southern half of the State reported all days with that condition. High temperatures averaged from 82 in the West to 84 in the East. Departure from normal high temperatures ranged from 10 degrees ABOVE normal in the West to 18 degrees ABOVE normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 17 degrees ABOVE normal in the West to 16 degrees ABOVE normal in the East.

Rainfall for the period totaled 0.75 inches statewide which was 0.23 inches BELOW normal. Precipitation totals by climate division, West 1.23 inches, Central 0.55 inches, Bluegrass 0.93 inches and East 0.31 inches, which was +0.16, -0.46, -0.01 and -0.61 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at Cumberland Gap to a high of 2.62 inches at Covington.

Tom Priddy

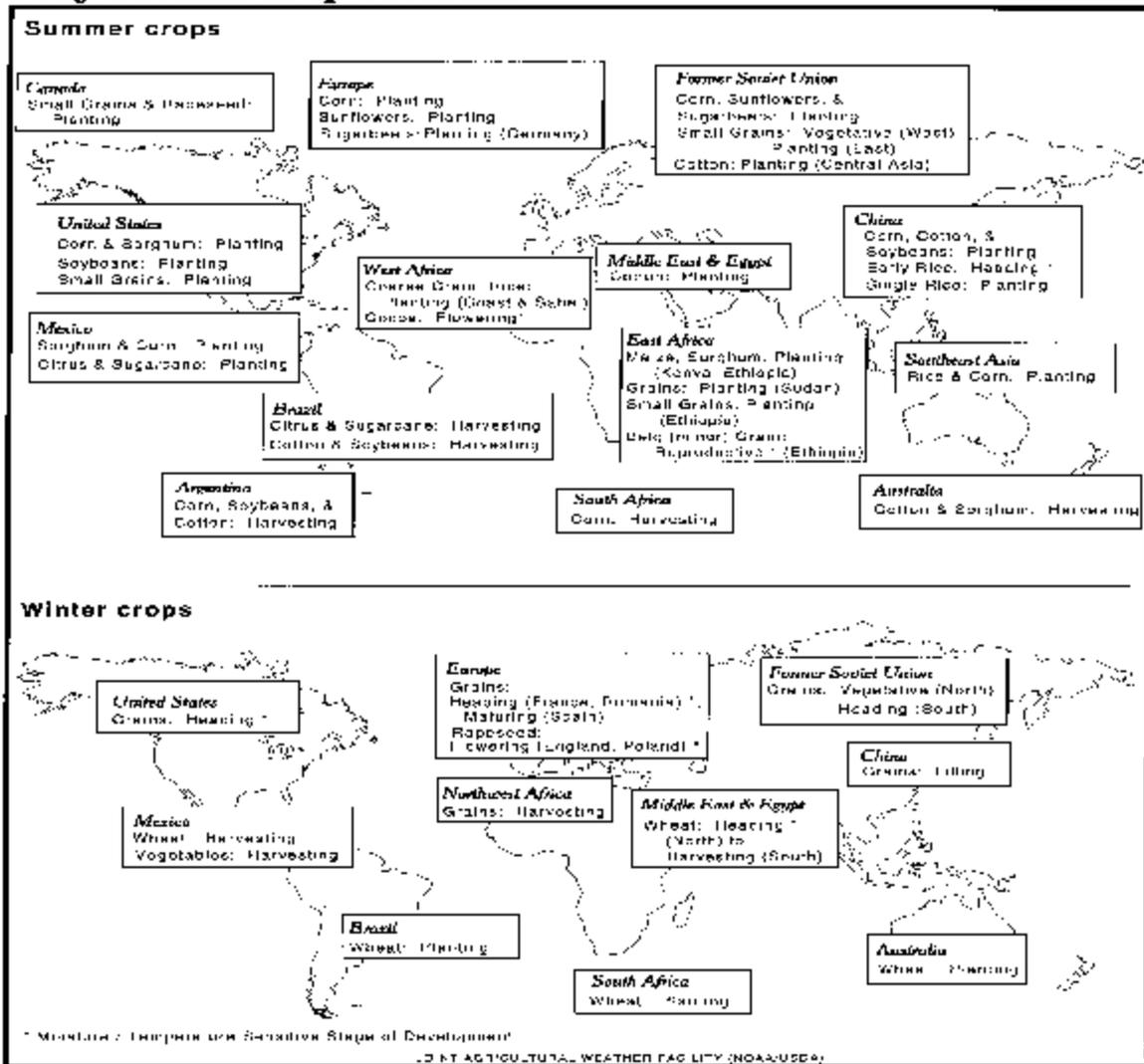
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 21, 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	0.43	14.71	+1.52	72	62	86	59	72.9	+15
Berea	0.18	12.58	-0.45	70	61	88	60	74.8	+19
Bowling Green	0.14	17.63	+1.56	--	--	86	58	73.6	+16
Bristol	0.00	11.29	-1.39	--	--	87	51	71.1	+15
Buckhorn Lake	0.17	13.93	-0.16	--	--	88	57	73.8	+18
Cape Girardeau	1.69	19.55	+5.20	--	--	85	62	73.1	+13
Campbellsville	0.34	14.28	-1.57	68	58	88	58	74.4	+17
Covington	2.62	13.05	+0.91	--	--	84	44	67.9	+12
Cumberland Gap	0.02	14.42	-1.82	69	61	86	54	72.3	+16
Dix Dam	0.36	12.99	-0.68	--	--	87	60	73.1	+17
Evansville	1.85	15.38	+2.08	--	--	85	56	72.3	+13
Glasgow	0.24	14.40	-1.89	66	56	90	59	74.8	+17
Grayson	0.64	13.73	+2.03	69	61	88	55	71.4	+15
Hardinsburg	1.03	17.33	+2.34	72	63	87	61	73.8	+16
Henderson	1.35	14.04	+0.18	69	63	86	61	73.7	+14
Huntington	0.74	14.62	+2.99	--	--	89	53	70.8	+15
Jackson	0.23	14.88	+0.78	--	--	89	60	74.9	+19
Lexington	0.52	13.05	-0.14	--	--	84	57	71.4	+15
London	0.09	14.24	-0.00	--	--	87	54	72.4	+16
Louisville	1.07	18.23	+4.45	--	--	86	59	73.2	+16
Mayfield	0.70	11.93	-5.39	69	61	86	60	72.9	+13
Nashville	0.00	16.85	+1.53	--	--	88	59	75.2	+18
Nolin Lake	0.38	17.88	+2.69	--	--	86	59	73.6	+16
Paducah	0.56	17.73	+2.13	68	38	86	64	74.1	+14
Princeton	1.22	18.36	+1.83	76	64	88	63	75.4	+16
Quicksand	0.22	14.13	+0.03	69	61	89	59	74.6	+18
Somerset	0.36	15.05	-0.08	69	61	87	55	72.9	+17
Spindletop	1.37	13.23	+0.04	71	60	83	55	71.0	+15
Williamstown	0.55	11.68	-1.24	69	51	85	48	72.0	+16

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/>

May normal crop calendar



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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