



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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KENTUCKY WEEKLY CROP & WEATHER REPORT



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, Director

Released weekly April - November

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AGRICULTURAL NEWS: The week began warm and dry, however temperatures dropped considerably by mid-week. The cold front brought freezing temperatures and snow flurries. After dropping, the temperature stabilized through the weekend. Temperatures averaged 46 degrees, 7 degrees below normal. Total precipitation for the week was 0.68 inches, which was 0.30 inches below normal. **Topsoil moisture** was rated as 1 percent very short, 10 percent short, 70 percent adequate, and 19 percent surplus. **Subsoil moisture** was rated 1 percent very short, 13 percent short, 75 percent adequate, and 11 percent surplus. There were 3.5 days suitable for fieldwork. Farming activity for the week consisted primarily of tobacco seeding, corn planting, fertilization, and working ground for the planting season.

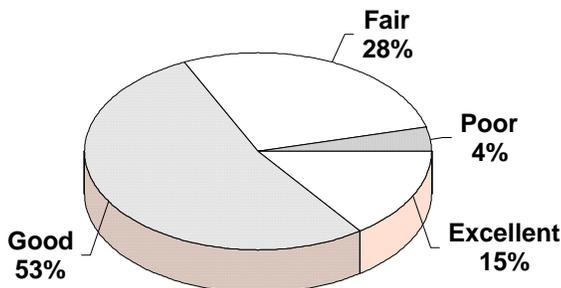
TOBACCO: As of April 8, plant bed and greenhouse seeding was 78 percent complete. Completion of seeding equaled the previous year. Emergence of transplants was 44 percent complete.

CORN: Corn planting was ahead of schedule with 26 percent of intended acreage in the ground. Planting was only 13 percent for both the previous year and the five year average.

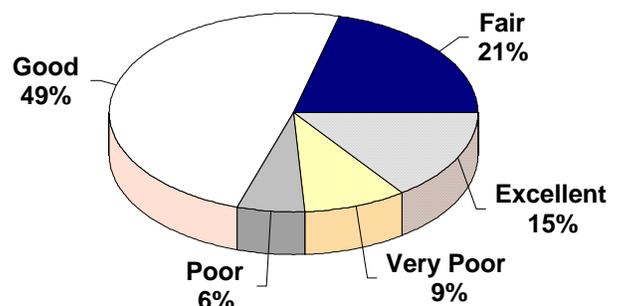
SMALL GRAINS: The average height for winter wheat was 13 inches. Winter wheat condition was 9 percent very poor, 6 percent poor, 21 percent fair, 49 percent good, and 15 percent excellent. Barley condition was 4 percent very poor, 6 percent poor, 17 percent fair, 53 percent good, and 20 percent excellent. Dependent upon the stage of development, small grains may have suffered some freeze damage.

OTHER CROPS AND PASTURE: Fruit trees were reported as 74 percent budding or in bloom. There was freeze damage to early blooming fruit crops of which the extent is not yet known. Pasture condition was 4 percent poor, 28 percent fair, 53 percent good, and 15 percent excellent.

PASTURE CONDITION
(April 8)



WHEAT CONDITION
(April 8)



KENTUCKY CROP PROGRESS
WEEK ENDING APRIL 8, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	78	78	74	73	NA
Emerged	44	NA	NA	NA	NA
Corn Planted	26	13	13	NA	NA

(NA)Data Not Available.

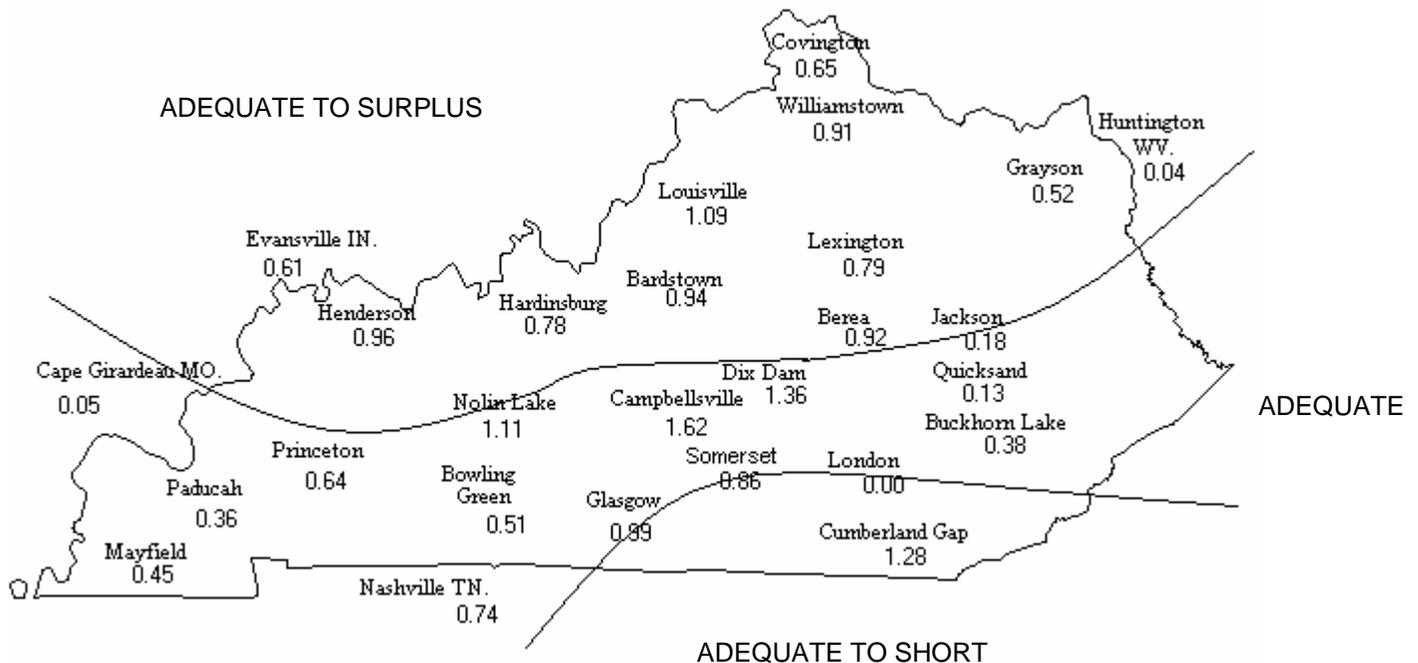
SOIL MOISTURE
WEEK ENDING APRIL 8, 2007

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	1	2
Short	10	11
Adequate	70	72
Surplus	19	15
SUBSOIL		
Very Short	1	3
Short	13	16
Adequate	75	69
Surplus	11	12

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 8, 2007					WEEK ENDING APRIL 1, 2007				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Wheat	9	6	21	49	15	1	4	18	49	28
Barley	4	6	17	53	20	0	1	13	68	18
Pasture	0	4	28	53	15	1	7	31	47	14

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION
WEEK ENDING APRIL 8, 2007



KENTUCKY WEATHER SUMMARY, APRIL 2- 8, 2007

Below Normal Temperatures and Below Normal Rainfall:

Record and near-record high temperatures started the workweek. Record and near-record low temperatures ended the workweek. After several weeks with very mild conditions, Arctic air invaded the Commonwealth starting on Wednesday and brought with it a drastic change in weather patterns along with several morning's with frosts and freezing temperatures. High temperatures on Monday and Tuesday were in the low to mid 80s. By Thursday, low temperatures dropped into the upper 20s to low 30s. By Sunday, low temperatures reached record levels in the upper teens to low 20s. Flurries and snow showers were common from Thursday to Sunday.

Temperatures for the 7 day period averaged 46 degrees across the State which was 7 degrees below normal which was 22 degrees colder than the previous week. High temperatures averaged from 56 in the West to 54 in the East. Departure from normal high temperatures ranged from 11 degrees below normal in the West to 7 degrees below normal in the East. Low temperatures averaged from 37 degrees in the West to 37 degrees in the East. Departure from normal low temperature ranged from 6 degrees below normal in the West to 4 degrees below normal in the East.

Precipitation (liq. equ.) for the period totaled 0.68 inches statewide which was 0.30 inches below normal. Precipitation totals by climate division, West 0.51 inches, Central 0.90 inches, Bluegrass 0.90 inches and East 0.42 inches, which was 0.56, 0.10, 0.04 and 0.50 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at London to a high of 1.62 inches at Campbellsville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

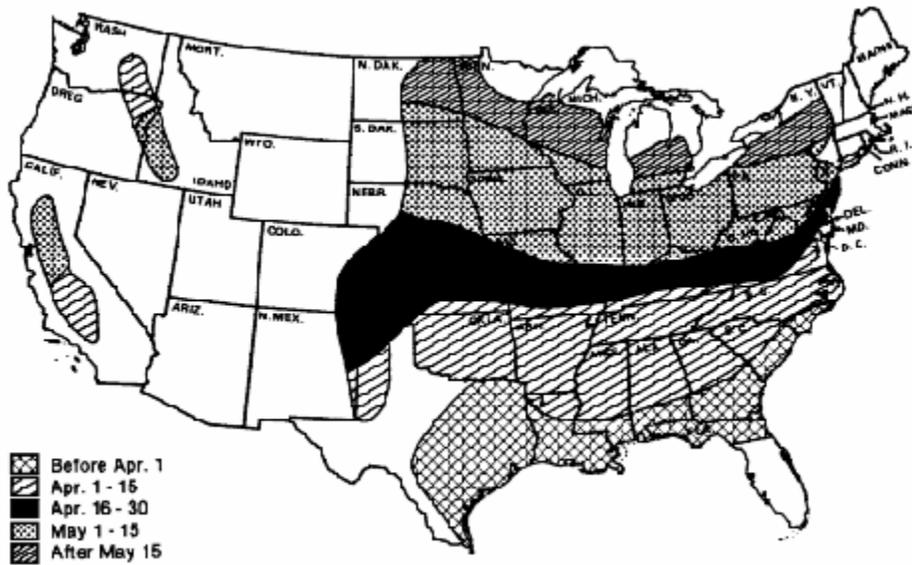
FOR WEEK ENDING SUNDAY, APRIL 8, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures				Air Temp. Deviation From Normal	
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low		Wkly. Avg
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.94	11.15	-0.35	65	46	80	20	46.3	-6
Berea	0.92	9.29	-1.90	66	44	82	22	48.9	-2
Bowling Green	0.51	8.03	-6.17	--	--	84	23	46.6	-6
Bristol	0.70	5.94	-5.31	--	--	79	21	46.9	-4
Buckhorn Lake	0.38	6.17	-6.30	--	--	82	22	45.8	-5
Cape Girardeau	0.05	10.50	-1.93	--	--	80	18	46.8	-8
Campbellsville	1.62	12.15	-1.64	64	50	83	18	47.6	-5
Covington	0.65	11.13	+0.61	--	--	80	23	42.4	-9
Cumberland Gap	1.28	8.17	-6.30	64	47	82	22	45.8	-5
Dix Dam	1.36	9.92	-1.93	--	--	81	21	46.1	-5
Evansville	0.61	12.41	+0.85	--	--	81	27	44.7	-10
Glasgow	0.99	11.10	-3.22	61	47	84	18	48.4	-4
Grayson	0.52	9.65	-0.48	64	47	82	23	45.6	-6
Hardinsburg	0.78	9.83	-3.29	71	45	82	24	44.4	-8
Henderson	0.96	12.02	+0.00	64	47	81	21	45.4	-10
Huntington	0.04	8.64	-1.43	--	--	82	23	46.1	-5
Jackson	0.18	7.11	-5.21	--	--	82	21	44.5	-7
Lexington	0.79	9.43	-2.07	--	--	80	22	43.1	-8
London	0.00	6.74	-5.81	--	--	84	19	45.6	-6
Louisville	1.09	11.54	-0.41	--	--	82	23	43.9	-9
Mayfield	0.45	8.95	-6.18	64	47	82	22	45.8	-9
Nashville	0.74	8.39	-5.04	--	--	84	23	49.8	-3
Nolin Lake	1.11	10.23	-3.00	--	--	83	22	46.3	-6
Paducah	0.36	12.48	-0.95	--	58	82	21	47.3	-8
Princeton	0.64	10.63	-3.82	67	40	83	19	48.5	-7
Quicksand	0.09	6.24	-6.08	64	47	82	22	45.8	-5
Somerset	0.86	11.93	-1.32	66	50	84	18	45.3	-6
Spindletop	0.79	7.92	-3.58	61	44	78	22	43.6	-8
Williamstown	0.91	14.76	+3.64	64	47	80	23	42.8	-8

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

CORN FOR GRAIN

Usual Start of Planting, Principal Areas in the United States



DEFINITIONS OF:

WHEAT PHENOLOGICAL STAGES USED IN SUBSEQUENT RELEASES

Emerged - As soon as plants are visible.

Headed - The head is present, visible and fully emerged.

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, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.
