



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

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AGRICULTURAL NEWS: Warm dry weather allowed farmers to actively prepare ground and plant their crops. Rain at weeks end was beneficial for newly seeded crops. Temperatures for the period averaged 69 degrees across the State which was 4 degrees above normal. Precipitation for the period totaled 0.73 in., 0.33 in. below normal. **Topsoil moisture** as of Friday, May 13 was rated 1 percent very short, 28 percent short, 67 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 1 percent very short, 16 percent short, 77 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible 7 days.

TOBACCO: As of Sunday, May 15, burley tobacco set was at 10 percent, behind both 2004 and the average at 17 and 15 respectively. Dark tobacco was at 8 percent set, compared with 14 percent last year and the average of 16 percent. Set tobacco was rated at 1 percent poor, 29 percent fair, 57 percent good, and 13 percent excellent. The eastern part of the State has reported some problems with pythium in tobacco float beds.

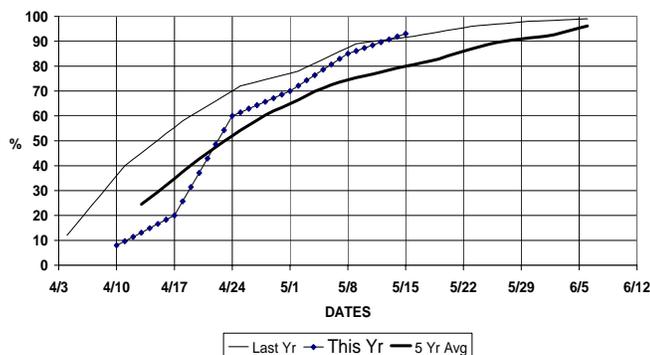
CORN AND SOYBEANS: Corn producers have seeded 93 percent of their acres, as of Sunday, May 15, compared to 92 percent last year, and 80 percent for the average. Crop emergence has been

slow due to cool weather and crusting of topsoil. Emerged corn was reported at 66 percent, behind last year's 78 percent and the average of 68 percent. Corn emerged condition rated at 3 percent poor, 24 percent fair, 59 percent good, 14 percent excellent. Soybeans were 43 percent planted, ahead of last year's 19 percent and the average of 20 percent.

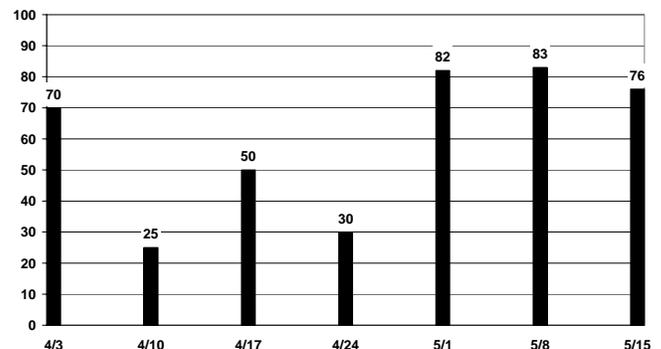
SMALL GRAINS: As of Friday, May 13, winter wheat condition was rated 3 percent poor, 21 percent fair, 54 percent good, and 22 percent excellent. Prospects for small grain yields have been reported as excellent and above average.

OTHER CROPS: Range and pasture condition was rated 1 percent very poor, 4 percent poor, 29 percent fair, 54 percent good, and 12 percent excellent. Hay crop condition was reported at 6 percent poor, 27 percent fair, 54 percent good, and 13 percent excellent. As of Sunday, May 15, 30 percent of sorghum acreage had been planted compared to 9 percent planted last year at this time. Strawberries are late this year as a result of the cooler weather from previous weeks. Growers reported 45 percent of their berries as small, 45 percent medium, and 10 percent large. Due to the dry weather, disease and insect problems for all crops have been minimal.

CORN PLANTING PROGRESS



Winter Wheat Condition
% Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 15, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	93	92	80	85	79
Emerged	66	78	68	56	23
Soybeans Planted	43	19	20	16	26
Sorghum Planted	30	9	15	NA	21
Burley Tobacco Set	10	17	15	3	NA
Dark Tobacco Set	8	14	16	1	NA

(NA)Data Not Available.

SOIL MOISTURE

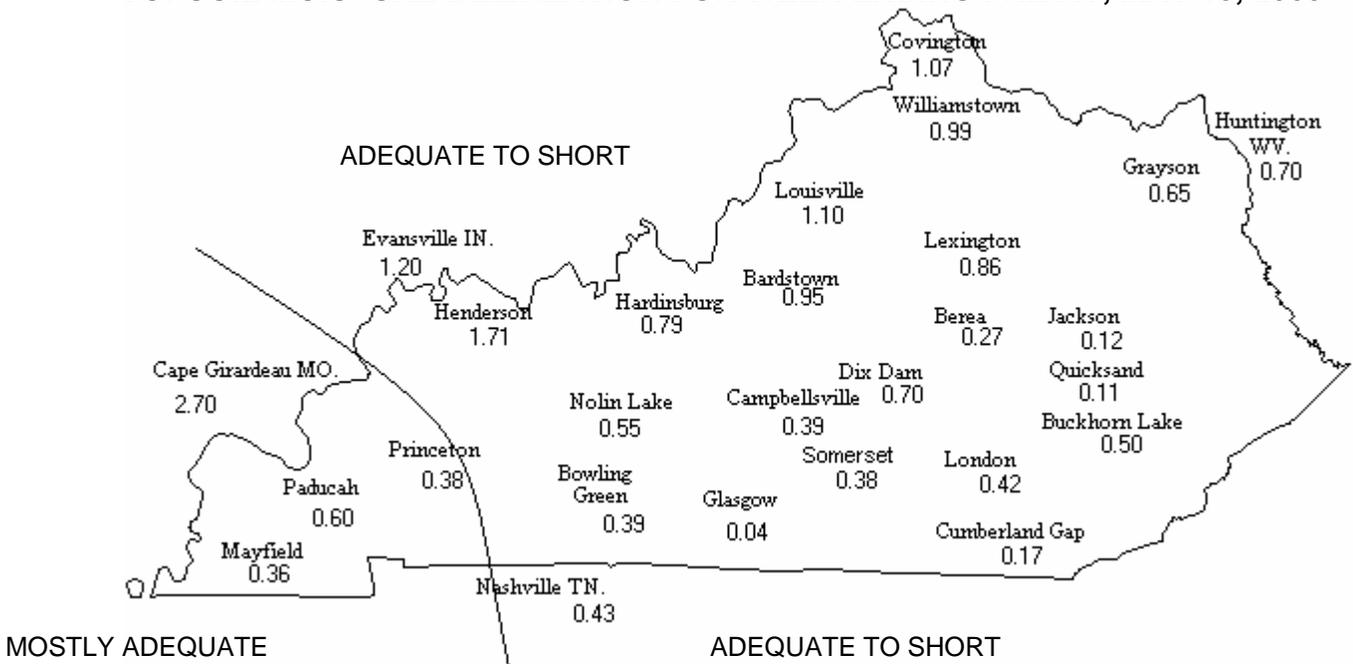
WEEK ENDING MAY 13, 2005
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	1	0
Short	28	5
Adequate	67	83
Surplus	4	12
SUBSOIL		
Very Short	1	1
Short	16	3
Adequate	77	83
Surplus	6	13

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 13, 2005					WEEK ENDING MAY 6, 2005				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn Emerged	0	3	24	59	14	1	6	31	53	9
Wheat	0	3	21	54	22	0	2	15	63	20
Pasture	1	4	29	54	12	0	2	18	63	17
Hay Crop	0	6	27	54	13	0	2	23	60	15
Tobacco Set	0	1	29	57	13	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 15, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 13, 2005



KENTUCKY WEATHER SUMMARY, MAY 9 – 15, 2005:

Above Normal Temperatures and Below Normal Precipitation:

The beginning of the week was generally dry and warm. Weak fronts brought light, isolated precipitation to western and northern parts of Kentucky. By mid-week, a dome of high pressure began to move east, and southerly winds brought very warm and humid air to the region. Jackson and Paducah set record highs this week as temperatures climbed into the upper 80's and lower 90's. Conditions were much different in northern Kentucky due to a stationary front that had sagged south. That kept highs only in the 60's there on Thursday. By Friday and Saturday, the storm system and cold front moved through Kentucky. Nearly every county was under a severe thunderstorm watch at some time. Most of the rain and storms had tapered off by Saturday night. High pressure returned on Sunday, but it was much cooler with highs only in the 60's. This is second week in a row where the precipitation average has been below normal.

Temperatures for the period averaged 69 degrees across the State which was 4 degrees above normal. High temperatures averaged from 80 in the West to 80 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 6 degrees above normal in the East. Low temperatures averaged from 60 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 4 degrees above normal in the East. The extreme high temperature was 91 degrees at Glasgow and Princeton. The extreme low temperature was 45 degrees at Somerset and Spindletop. Rainfall for the period totaled 0.73 inches statewide which was 0.33 inches below normal. Precipitation totals by climate division, West 1.16 inches, Central 0.64 inches, Bluegrass 0.75 inches and East 0.38 inches, which was +0.05, -0.47, -0.27 and -0.63 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at Jackson to a high of 1.71 inches at Henderson.

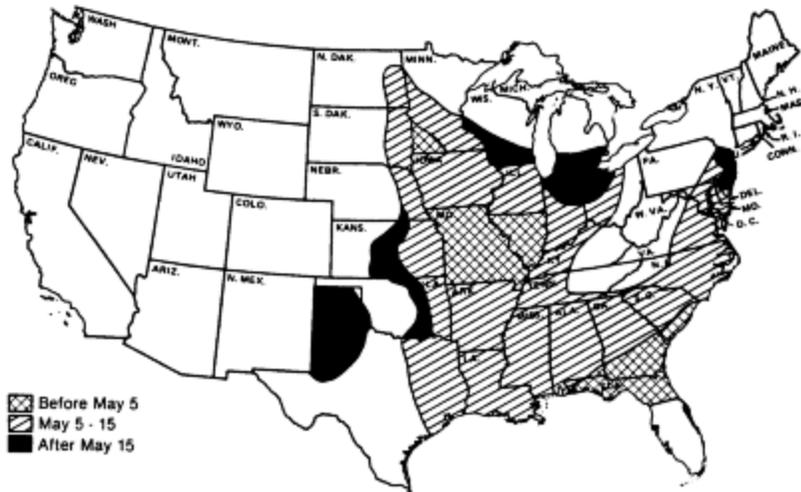
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 15, 7:00 P.M.

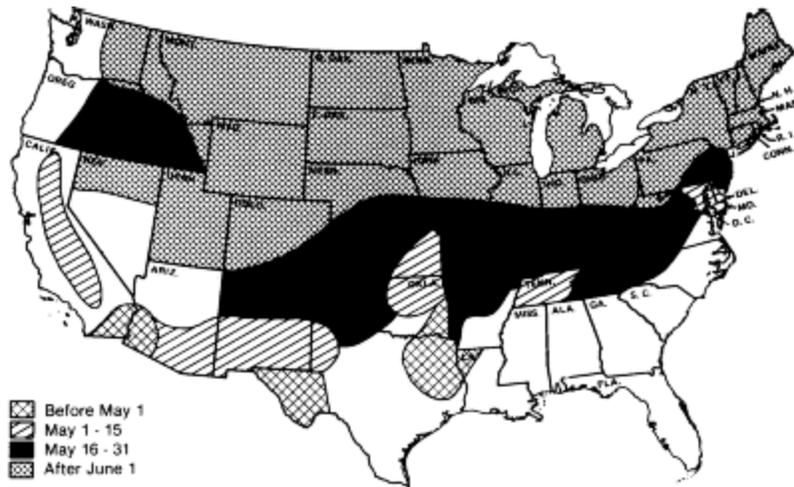
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
		(Degrees Fahrenheit)										
Bardstown	0.95	6.83	4.03	+0.79	+0.19	88	49	68.9	+4	131	509	-16
Berea	0.27	6.19	4.06	-0.40	-0.11	85	54	70.2	+6	139	558	+18
Bowling Green	0.39	6.18	3.74	-0.53	-0.52	88	51	69.8	+4	134	511	-29
Bristol	0.72	6.16	3.65	+0.97	+0.33	84	42	67.0	+3	122	456	-24
Buckhorn Lake	0.50	5.08	2.92	-0.66	-0.69	87	51	69.0	+5	131	503	+23
Cape Girardeau	2.70	8.10	6.21	+1.16	+1.78	89	49	70.6	+3	141	529	-26
Campbellsville	0.39	6.72	3.53	-0.53	-1.04	89	51	69.6	+4	135	531	-9
Covington	1.07	4.85	3.74	-0.97	+0.04	86	47	65.4	+1	107	423	-27
Cumberland Gap	0.17	4.40	1.98	-2.01	-2.12	87	51	68.8	+5	129	502	+22
Dix Dam	0.70	5.89	3.83	-0.62	-0.29	86	51	68.9	+5	130	503	-22
Evansville	1.20	3.28	2.29	-3.04	-1.75	88	47	69.1	+2	130	487	-23
Glasgow	0.04	7.01	3.56	+0.01	-0.86	91	50	71.5	+6	144	601	+121
Grayson	0.65	5.74	3.93	+0.05	+0.30	88	49	68.6	+4	128	505	+70
Hardinsburg	0.79	4.44	3.11	-2.23	-1.11	87	51	69.9	+5	136	522	-18
Henderson	1.71	5.43	4.03	-1.03	-0.02	86	50	69.9	+2	138	518	-22
Huntington	0.70	5.75	3.99	+0.09	+0.37	88	46	68.4	+4	127	512	+32
Jackson	0.12	7.59	4.72	+1.32	+0.78	88	53	70.5	+6	140	538	+58
Lexington	0.86	4.33	3.06	-1.71	-0.78	87	49	67.6	+3	121	450	+0
London	0.42	6.56	4.20	+0.58	+0.44	86	50	68.7	+4	129	482	+2
Louisville	1.10	4.64	3.54	-1.83	-0.53	88	51	68.7	+3	128	489	-21
Mayfield	0.36	4.17	1.89	-3.30	-2.72	87	51	69.2	+2	132	503	-82
Nashville	0.43	7.36	3.74	+0.63	-0.51	90	55	71.1	+6	143	564	-21
Nolin Lake	0.55	6.10	3.54	-1.08	-1.07	89	51	70.2	+5	138	532	+7
Paducah	0.60	5.15	2.64	-2.25	-1.92	90	50	71.2	+4	145	552	-3
Princeton	0.38	4.99	2.79	-2.21	-1.69	91	50	71.4	+4	142	584	+14
Quicksand	0.11	6.74	4.25	+0.47	+0.31	87	51	69.1	+5	132	498	+18
Somerset	0.38	6.63	3.38	-0.17	-0.96	88	45	67.7	+3	123	477	-48
Spindletop	0.63	3.93	2.82	-2.11	-1.02	85	45	66.6	+2	117	438	-12
Williamstown	0.99	4.64	3.47	-1.64	-0.46	86	48	66.3	+2	114	438	-12

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/>

SOYBEANS - USUAL START OF PLANTING



ALFALFA HAY - USUAL START OF HARVESTING, PRINCIPAL AREAS



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.