



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: Rainfall slowed field activities but revived pastures throughout the State. Days suitable for fieldwork averaged 4.6 out of six. Harvesting corn and soybeans, and seeding fall grains were major farm activities. **Topsoil moisture** supplies on Friday, October 4 were rated 3 percent very short, 18 percent short, 72 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 11 percent very short, 32 percent short, 53 percent adequate, and 4 percent surplus.

CORN: Harvest continued to make good progress and reached 78 percent complete as of Sunday, October 6 compared with 84 percent last year and the five-year average of 72 percent.

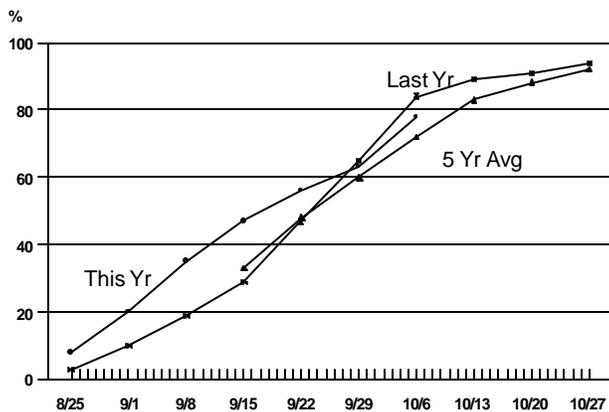
SOYBEANS: Harvest was underway with 18 percent complete, compared with 24 percent last year and the five-year average of 26 percent. About 86

percent were shedding leaves, ahead of 75 percent reported a year ago and the five-year average of 77 percent. On Friday, October 4, soybean condition was rated 7 percent very poor, 19 percent poor, 32 percent fair, 33 percent good and 9 percent excellent.

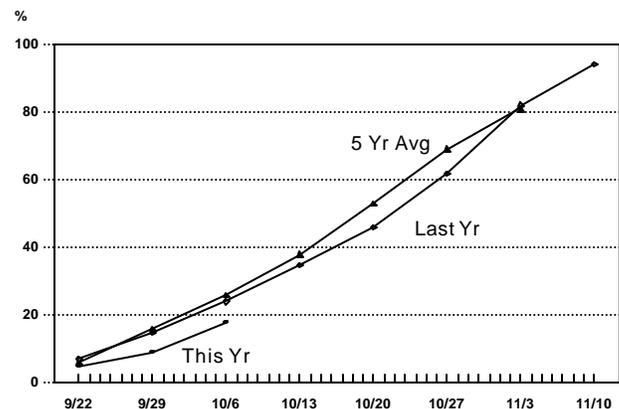
TOBACCO: Six percent of the burley crop had been stripped, 26 percent was ready for stripping and 68 percent was not yet ready for stripping. Condition of housed tobacco on Friday, October 4 was reported as 6 percent very poor, 9 percent poor, 34 percent fair, 40 percent good, and 11 percent excellent.

OTHER CROPS: Fall grain seeding continued this week. **Wheat** seeding reached 12 percent complete as of Sunday, October 6, compared with 15 percent a year ago and the five-year average of 16 percent. **Pasture** conditions are improving with the rain but were rated 8 percent very poor, 18 percent poor, 38 percent fair, 30 percent good, and 6 percent excellent.

CORN HARVESTED PROGRESS



SOYBEANS HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 6, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	86	75	77	75	83
Harvested	18	24	26	9	17
Corn					
Harvested	78	84	72	63	20
Wheat Seeded	12	15	16	7	50

(NA) Data Not Available.

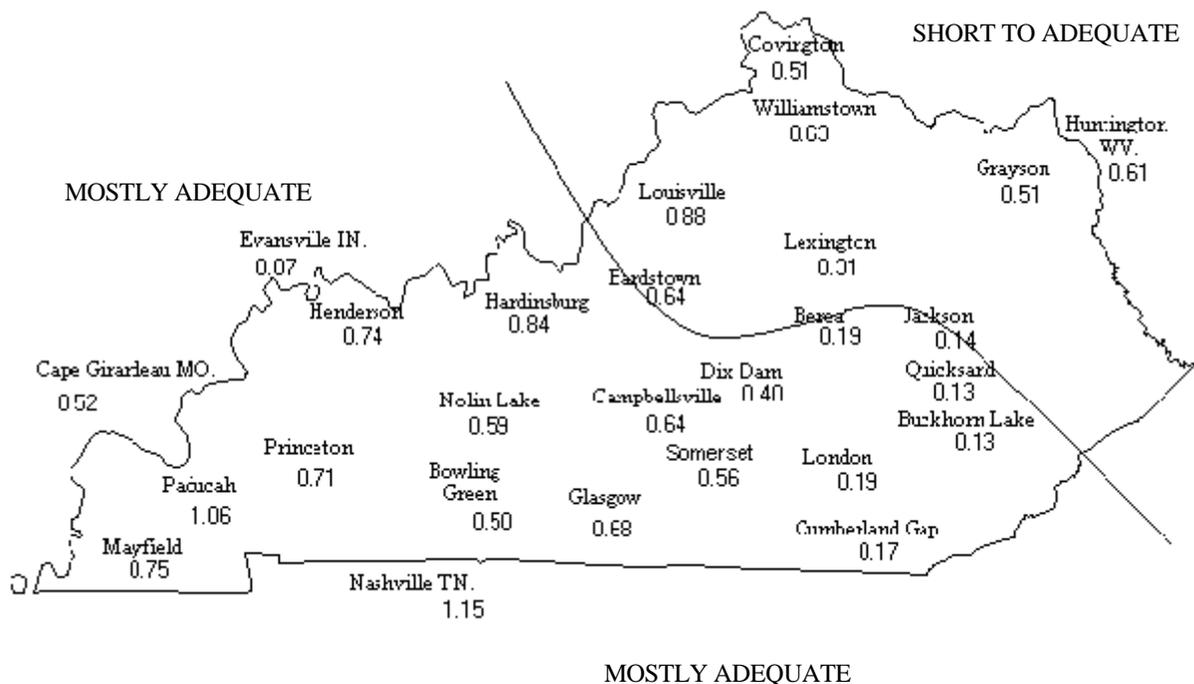
SOIL MOISTURE
WEEK ENDING OCTOBER 4, 2002
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	3	6
Short	18	17
Adequate	72	56
Surplus	7	21
SUBSOIL		
Very Short	11	16
Short	32	29
Adequate	53	47
Surplus	4	8

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 4, 2002					WEEK ENDING SEPTEMBER 27, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	7	19	32	33	9	9	23	32	31	5
Pasture	8	18	38	30	6	13	23	40	19	5
Housed Tobacco	6	9	34	40	11	3	12	34	41	10

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 6, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 4, 2002



KENTUCKY WEATHER SUMMARY, SEPTEMBER 30 - OCTOBER 6, 2002:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Two weather systems made an impact upon the State last week: the remnants of Hurricane Lili, and a strong, slow-moving frontal system. The effects of both were not felt until late in the week with Lili providing light to moderate rains at times on Friday with winds gusting to greater than 45 mph (Lexington 48 mph), severe weather to north-central Kentucky on Friday, and widely scattered showers to the State on Saturday and Sunday. Temperatures were kept above normal through most of the week thanks to southerly flow ahead of the strong frontal boundary and Lili. By Saturday, however, temperatures behind the front had dropped well below normal for most of the State as winds from the north and clear nighttime skies prevailed.

Temperatures for the period averaged 71 degrees across the State which was 8 degrees above normal. High temperatures averaged from 81 in the West to 81 in the East. Departure from normal high temperatures ranged from 5 degrees above normal in the West to 8 degrees above normal in the East. Low temperatures averaged from 60 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 11 degrees above normal in the East. The extreme high and low temperature last week were 89 degrees at Paducah and 42 degrees at Cape Girardeau, respectively.

Rainfall for the period totaled 0.55 inches statewide which was 0.13 inches below normal. Precipitation totals by climate division, West 0.78 inches, Central 0.69 inches, Bluegrass 0.45 inches and East 0.31 inches, which was +0.07, +0.00, -0.20 and -0.39 inches respectively from normal. By station, precipitation totals ranged from a low of 0.13 inches at Quicksand to a high of 1.06 inches at Paducah.

Tom Priddy

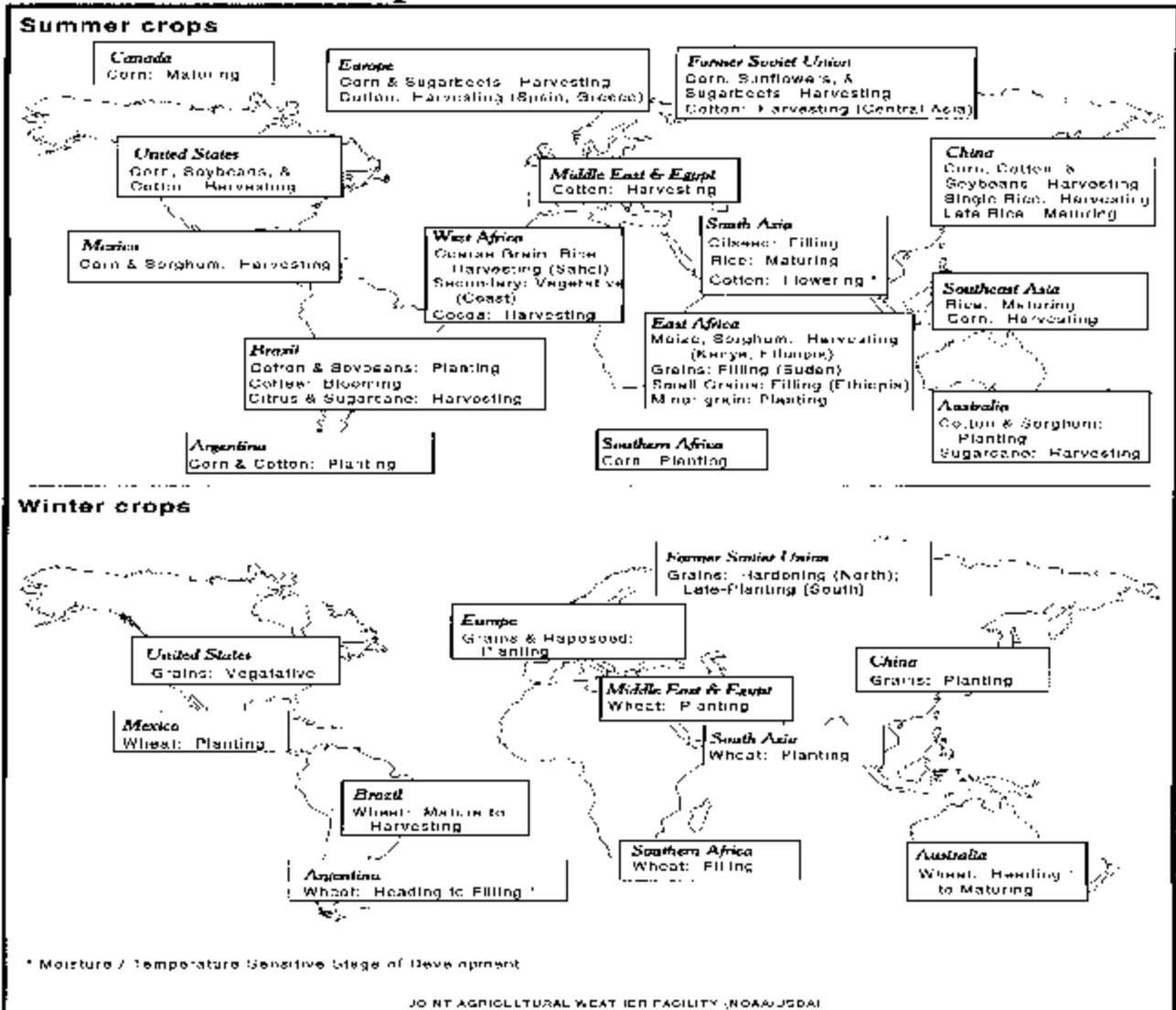
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, OCTOBER 6, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity			
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average			
										High	Low		
		(Inches)				(Degrees Fahrenheit)							
Bardstown	0.64	31.41	7.07	+6.77	+4.23	84	49	69.6	+7	95	48		
Berea	0.19	33.36	5.19	+7.39	+1.71	83	52	71.4	+10	94	50		
Bowling Green	0.50	32.69	9.96	+6.71	+6.65	88	49	72.4	+10	--	--		
Bristol	0.02	16.11	2.81	-5.88	-0.08	86	53	71.6	+10	--	--		
Buckhorn Lake	0.13	23.28	4.40	-1.43	+1.17	85	50	70.4	+9	--	--		
Cape Girardeau	0.52	31.24	2.61	+6.97	-0.59	89	42	70.2	+6	--	--		
Campbellsville	0.64	31.75	7.40	+2.47	+3.39	86	49	71.8	+9	95	49		
Covington	0.51	25.78	5.33	+2.89	+2.66	83	49	69.6	+8	--	--		
Cumberland Gap	0.17	18.99	4.22	-7.48	+1.32	85	51	71.4	+10	95	49		
Dix Dam	0.40	28.72	5.71	+3.27	+2.66	84	50	70.8	+10	--	--		
Evansville	0.87	26.71	5.96	+3.77	+3.23	87	46	70.6	+6	--	--		
Glasgow	0.68	32.84	9.33	+4.82	+5.89	89	49	72.1	+10	95	46		
Grayson	0.51	23.01	4.67	-0.66	+2.07	86	47	71.1	+10	95	51		
Hardinsburg	0.84	28.87	8.67	+3.11	+5.40	87	47	70.6	+8	95	50		
Henderson	0.74	32.62	6.16	+8.76	+3.08	86	45	70.4	+6	95	49		
Huntington	0.61	22.50	4.63	-1.30	+2.00	87	46	71.0	+10	--	--		
Jackson	0.14	25.04	3.62	-0.70	+0.48	83	51	71.4	+10	--	--		
Lexington	0.31	22.46	5.75	-2.18	+2.91	85	50	70.3	+9	--	--		
London	0.19	22.98	6.01	-0.90	+2.92	84	48	69.9	+9	--	--		
Louisville	0.88	27.63	8.76	+3.59	+5.92	86	48	70.1	+8	--	--		
Mayfield	0.75	20.17	6.00	-6.25	+2.39	85	49	71.0	+7	95	50		
Nashville	1.15	24.68	7.40	+0.51	+4.39	86	51	72.3	+10	--	--		
Nolin Lake	0.59	31.02	9.65	+3.46	+5.94	87	49	71.8	+9	--	--		
Paducah	1.06	27.66	6.88	+1.86	+3.59	89	46	71.4	+7	95	45		
Princeton	0.71	27.74	6.91	+1.91	+3.88	88	45	70.1	+6	99	62		
Quicksand	0.13	26.93	6.39	+1.19	+3.25	85	51	70.4	+9	95	51		
Somerset	0.56	28.02	6.19	+0.92	+2.62	85	48	71.0	+10	94	51		
Spindletop	0.63	18.58	5.42	-6.06	+2.58	84	49	69.9	+9	87	47		
Williamstown	0.63	22.16	5.71	-2.20	+2.79	84	50	71.0	+10	95	51		

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/>

October 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.

UNITED STATES DEPARTMENT OF AGRICULTURE
 KENTUCKY AGRICULTURAL STATISTICS SERVICE
 AGRICULTURAL STATISTICIAN
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