



**NATIONAL
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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

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AGRICULTURAL NEWS: Dry warm weather dominated the majority of Kentucky during the past week with temperatures averaging 67 degrees. Farmers reported spending most of the week harvesting tobacco, corn, and soybeans. There was an average of 5.9 days out of seven that fieldwork was possible. On Friday, September 30, topsoil moisture was rated 23 percent very short, 41 percent short, 35 percent adequate and 1 percent surplus. Subsoil moisture was rated 23 percent very short, 45 percent short, 31 percent adequate and 1 percent surplus.

CORN: Combining continued and as of Sunday, October 2, 66 percent of the corn crop was harvested, down from 67 percent last year and the 5 year average. Ninety-seven percent was mature. A year ago only 95 percent was mature and the 5 year average was 97 percent. Some farmers report corn yields are better than anticipated.

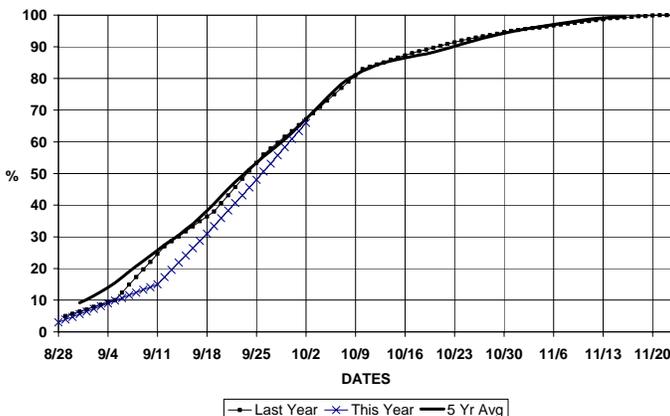
SOYBEANS: As of Sunday, October 2, 78 percent of soybeans have dropped leaves, compared to 77 percent for 2004 and 78

percent for the 5 year average. Twenty percent of soybeans were harvested, equal to last year and ahead of the 5 year average at 15 percent. Condition of the soybean crop was rated 4 percent very poor, 9 percent poor, 26 percent fair, 42 percent good, and 19 percent excellent.

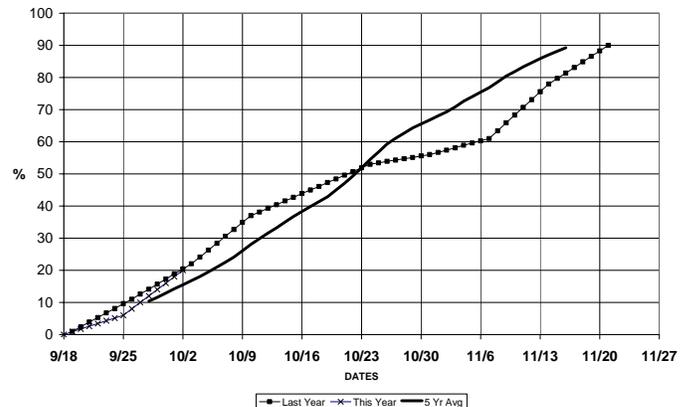
TOBACCO: Farmers continue cutting tobacco and some report houseburn in their housed tobacco. Housed tobacco conditions were rated 1 percent very poor, 7 percent poor, 26 percent fair, 57 percent good, and 9 percent excellent. Ninety-four percent of the burley crop was cut, behind last year's rate of 95 percent and a 5 year average of 95 percent. Ninety-seven percent of the dark tobacco was cut, compared to 95 percent for 2004 and 96 percent average.

OTHER CROPS: **Pastures** were rated 17 percent very poor, 27 percent poor, 31 percent fair, 23 percent good, and 2 percent excellent. Pastures and hay continued to need rain, especially in the Bluegrass and Eastern areas. Hay quality has declined due to hot dry conditions during the season.

CORN HARVESTED PROGRESS



SOYBEANS HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 2, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	78	77	78	58	83
Harvested	20	20	15	6	19
Corn					
Mature	97	95	97	95	76
Harvested	66	67	67	48	18
Winter Wheat					
Seeded	14	8	9	NA	39
Burley Tobacco					
Cut	94	95	95	87	NA
Dark Tobacco					
Cut	97	95	96	79	NA

(NA)Data Not Available.

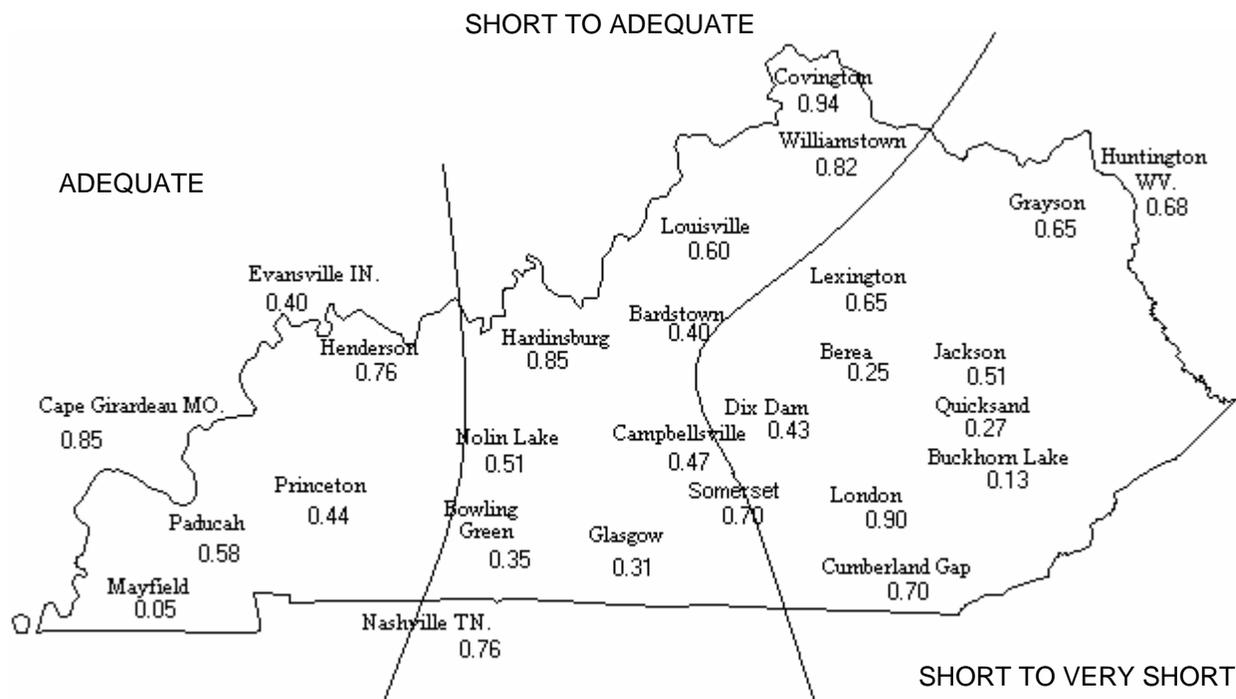
SOIL MOISTURE
WEEK ENDING SEPTEMBER 30, 2005
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	23	24
Short	41	43
Adequate	35	33
Surplus	1	0
SUBSOIL		
Very Short	23	23
Short	45	40
Adequate	31	37
Surplus	1	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 30, 2005					WEEK ENDING SEPTEMBER 23, 2005				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	4	9	26	42	19	1	10	25	45	19
Pasture	17	27	31	23	2	14	25	34	23	4
Housed Tobacco	1	7	26	57	9	1	7	35	44	13

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 2, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 30, 2005



KENTUCKY WEATHER SUMMARY, SEPTEMBER 26 – OCTOBER 2, 2005:
ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Showers and thunderstorms associated with a cold front moved through the Bluegrass State on Monday and again on Thursday. The work week started out with seasonal temperatures but by Thursday, after passage of the second cold front, some of the coolest temperatures of the Fall season moved into Kentucky with high temperatures in the mid 60's and low temperature mostly in the low 40's with some upper 30's in the valley's of eastern Kentucky. By Sunday, temperatures had warmed into the mid 80's. This was the 11th week in a row with above normal temperatures and the 4th week straight with below normal rainfall. At the start of the work week, Eastern Kentucky had moved into severe drought, and the Bluegrass area in moderate drought according to the Palmer Drought Index.

Temperatures for the period averaged 67 degrees across the State which was 3 degrees above normal. High temperatures averaged from 79 in the West to 79 in the East. Departure from normal high temperatures ranged from +1 degree above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 56 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 4 degrees above normal in the East.

Rainfall for the period totaled 0.54 inches statewide which was 0.23 inches below normal. Rainfall totals by climate division, West 0.51 inches, Central 0.50 inches, Bluegrass 0.56 inches and East 0.57 inches, which was 0.27, 0.29, 0.17 and 0.18 inches respectively below normal. By station, rainfall totals ranged from a low of 0.05 inches at Mayfield to a high of 0.94 inches at Covington.

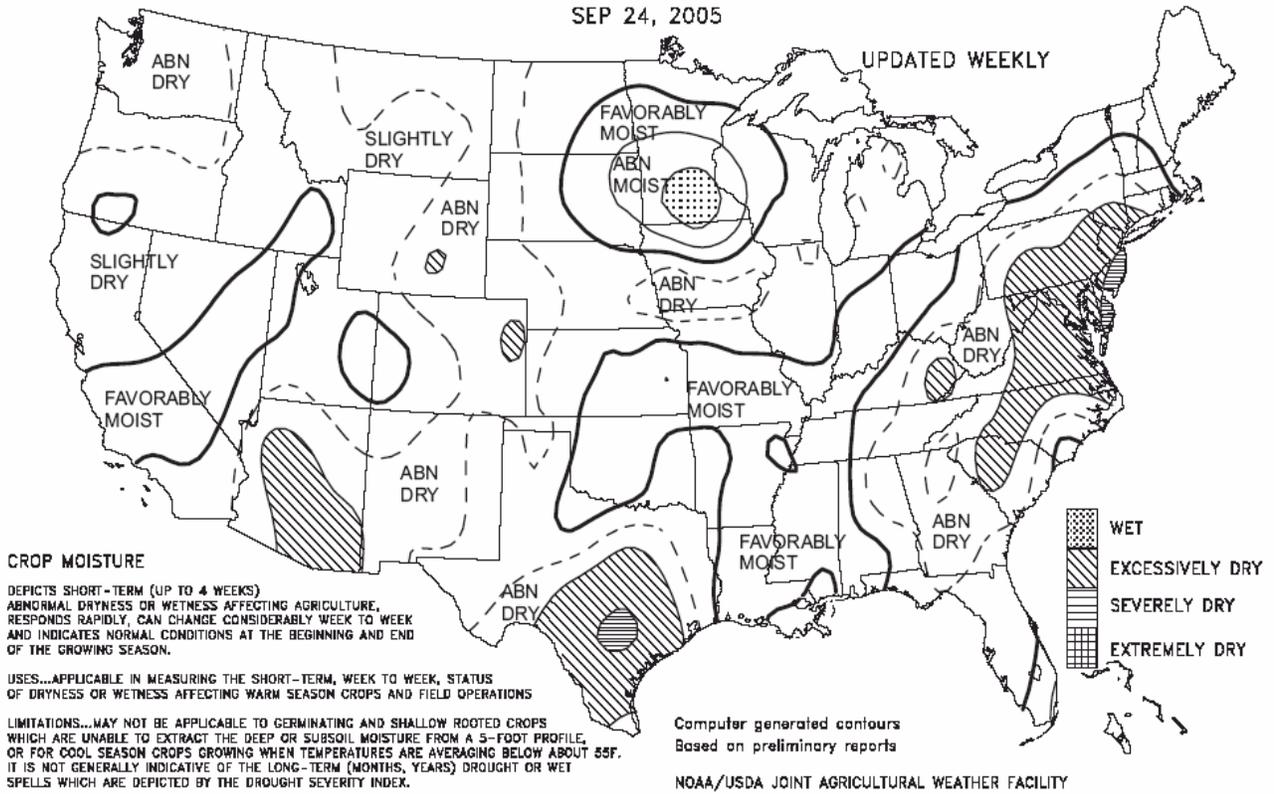
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, OCTOBER 2, 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	
	(Inches)					(Degrees Fahrenheit)				High	Low
Bardstown	0.40	25.85	0.59	+1.54	-2.35	86	42	67.9	+4	95	48
Berea	0.25	22.88	0.75	-2.73	-2.90	88	48	68.5	+6	87	48
Bowling Green	0.35	22.84	0.47	-2.75	-2.95	88	42	67.6	+4	--	--
Bristol	0.68	21.59	0.76	-0.07	-2.23	84	45	67.4	+5	--	--
Buckhorn Lake	0.13	12.48	0.14	-11.86	-3.21	86	42	67.0	+4	--	--
Cape Girardeau	0.85	24.30	4.61	+0.42	+1.32	88	42	68.1	+2	--	--
Campbellsville	0.47	23.83	0.78	-5.04	-3.44	87	38	68.7	+5	95	50
Covington	0.94	18.44	2.00	-4.08	-0.68	84	43	64.1	+1	--	--
Cumberland Gap	0.70	14.17	0.72	-11.87	-2.16	86	42	67.0	+4	94	49
Dix Dam	0.43	21.02	0.57	-4.06	-2.57	85	45	67.4	+5	--	--
Evansville	0.40	21.92	2.00	-0.65	-0.76	87	43	67.9	+2	--	--
Glasgow	0.31	27.99	0.60	+0.36	-2.97	88	33	69.0	+5	99	59
Grayson	0.65	20.23	0.69	-3.05	-1.89	86	43	67.0	+4	94	49
Hardinsburg	0.85	21.70	1.60	-3.67	-1.76	86	43	66.6	+3	94	55
Henderson	0.76	21.13	2.78	-2.37	-0.40	87	43	66.8	+1	94	49
Huntington	0.68	19.92	0.69	-3.50	-1.93	86	42	67.0	+4	--	--
Jackson	0.51	21.26	0.51	-4.11	-2.73	85	48	67.9	+5	--	--
Lexington	0.65	18.43	0.89	-5.88	-2.05	85	43	65.5	+3	--	--
London	0.90	19.30	0.99	-4.23	-2.20	85	43	67.1	+5	--	--
Louisville	0.60	21.96	1.90	-1.73	-1.01	86	43	65.6	+2	--	--
Mayfield	0.05	17.03	1.50	-8.92	-2.17	86	42	67.0	+1	94	49
Nashville	0.76	20.88	1.44	-2.95	-1.68	86	50	70.9	+7	--	--
Nolin Lake	0.51	23.10	0.77	-4.05	-3.09	86	39	66.9	+3	--	--
Paducah	0.58	22.56	3.49	-2.85	+0.10	87	42	67.9	+2	91	50
Princeton	0.44	25.07	1.90	-0.37	-1.18	87	42	67.6	+2	97	51
Quicksand	0.27	17.43	0.27	-7.94	-2.97	86	42	67.0	+4	94	49
Somerset	0.70	20.46	0.86	-6.22	-2.82	91	41	68.9	+6	94	49
Spindletop	0.26	14.04	0.99	-10.27	-1.95	87	42	66.1	+4	96	51
Williamstown	0.82	21.03	1.56	-2.94	-1.40	84	43	64.6	+2	94	49

Crop Moisture
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 SEP 24, 2005

UPDATED WEEKLY



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.