



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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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

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Issued 4:00 P.M., October 28, 2002

JAO 32-02

**AGRICULTURAL NEWS:** The week started off favorably for harvesting with relatively mild temperatures, but the week ended cold after mid-week rain. Temperatures for the period averaged 54 degrees across the State which was near normal. Fog during the week provided adequate moisture for tobacco coming into case. Fields in some parts of the State were too wet to work. Precipitation for the week averaged 0.36 inches which was 0.30 inches below normal. Farm activities included harvesting soybeans and corn, stripping tobacco, and sowing winter wheat. **Topsoil moisture** as of Friday, October 25 was rated 1 percent very short, 5 percent short, 76 percent adequate, and 18 percent surplus. **Subsoil moisture** was rated 2 percent very short, 14 percent short, 72 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible 7 days.

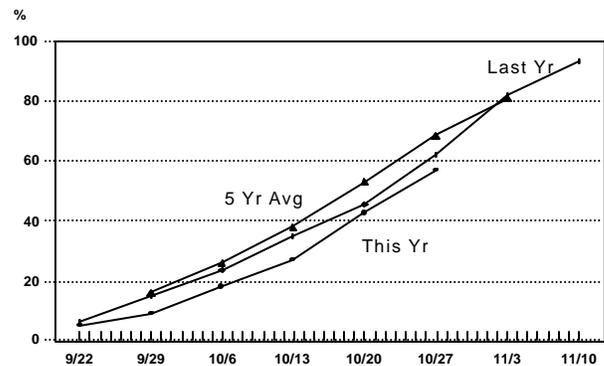
**TOBACCO:** As of Sunday, October 27, **burley tobacco** was 27 percent stripped. This was behind last year's 29 percent, and ahead the five-year average of 21 percent. Tobacco stripping continued throughout the week with good quality reported by most producers. Condition of the stripped tobacco was reported as 1 percent very poor, 10 percent poor, 29 percent fair, 44 percent good, and 16 percent excellent.

**CORN:** Corn was 93 percent harvested as of Sunday, October 27. This compared with last year's 94 percent, and the five-year average of 92 percent.

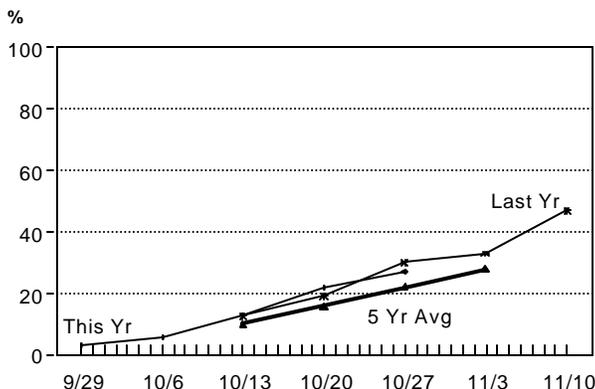
**SOYBEANS:** Harvest of full-season soybeans is in full swing with double crop harvest just getting underway. Farmers report good yields. Fifty-seven percent of the State's soybeans were harvested which was behind both last year's 62 percent and the 5-year average of 69 percent.

**OTHER CROPS:** **Winterwheat** seeding was 57 percent complete as of Sunday, October 27. This was behind last year's 58 percent and the five-year average of 69 percent. The crop was rated 1 percent poor, 18 percent fair, 63 percent good, and 18 percent excellent. Farmers were reporting good germination but growth of wheat was slowed by cool wet conditions. **Pasture** condition was rated as 1 percent very poor, 5 percent poor, 24 percent fair, 56 percent good, and 14 percent excellent. Kentucky farmers continued to report mostly good to excellent conditions for the State's livestock.

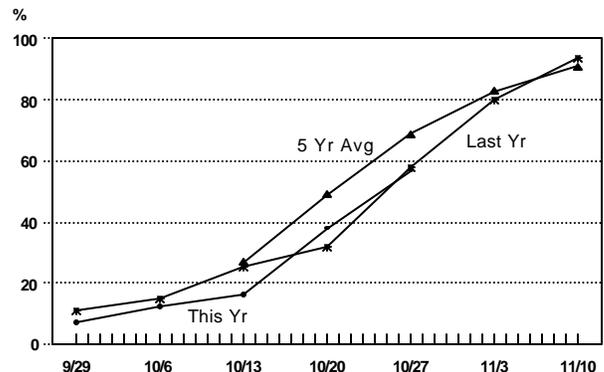
**SOYBEANS HARVESTED PROGRESS**



**BURLEY TOBACCO PERCENT STRIPPED**



**WHEAT PERCENT SEEDING COMPLETE**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING OCTOBER 27, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans Harvested	57	62	69	43	74
Corn Harvested	93	94	92	89	51
Burley Tobacco Stripped	27	29	21	22	NA
Wheat Seeded	57	58	69	38	84

(NA) Data Not Available.

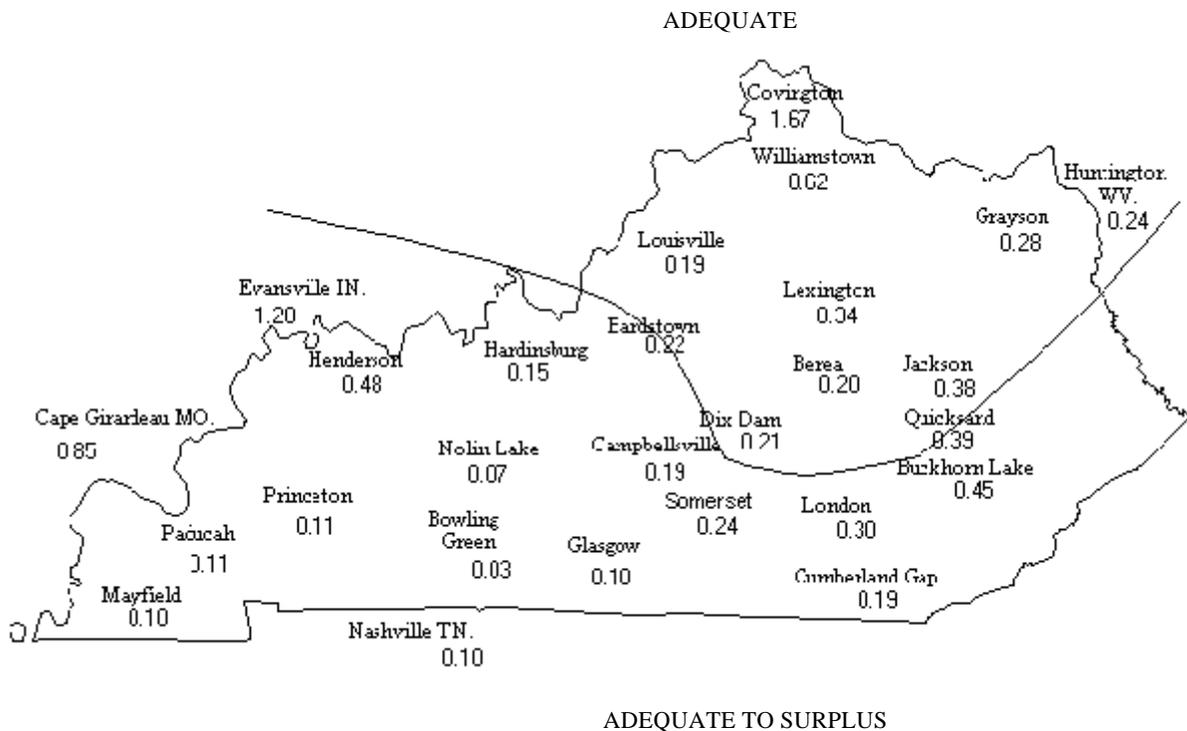
**SOIL MOISTURE**  
WEEK ENDING OCTOBER 25, 2002  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	1	1
Short	5	5
Adequate	76	77
Surplus	18	17
<b>SUBSOIL</b>		
Very Short	2	4
Short	14	13
Adequate	72	72
Surplus	12	11

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING OCTOBER 25, 2002					WEEK ENDING OCTOBER 18, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Winter Wheat	0	1	18	63	18	0	3	31	57	9
Pasture	1	5	24	56	14	2	6	30	51	11
Stripped Tobacco	1	10	29	44	16	1	7	33	46	13

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 27, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 25, 2002**



# KENTUCKY WEATHER SUMMARY, OCTOBER 21 - 27, 2002:

NEAR NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Second Wettest September and October in past Century. Rainfall for the State occurred late in the week, and into the weekend as two low pressure systems moved north and south of the State. As a result, a majority of this week's rainfall fell on the northern, and eastern parts of the State, with the heaviest rainfall being isolated to far north-central. Additionally last week's low rainfall amounts pushed the Sept. and Oct. rainfall ranking to the 2nd wettest in the past century and possibly the wettest with several days left in the month. Average daily temperatures were near normal for the State despite below normal highs. This was, for the most part, the result of cloud cover inhibiting nighttime cooling, and keeping morning lows above normal for this time of the year.

Temperatures for the period averaged 54 degrees across the State which was near normal. High temperatures averaged from 63 in the West to 62 in the East. Departure from normal high temperatures ranged from 6 degrees below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 45 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 5 degrees above normal in the East. Maximum and minimum temperatures were 71 and 36 at Bowling Green and Henderson, respectively.

Rainfall for the period totaled 0.36 inches statewide which was 0.30 inches below normal. Rainfall totals by climate division, West 0.47 inches, Central 0.13 inches, Bluegrass 0.54 inches and East 0.31 inches, which was 0.21, 0.53, 0.08 and 0.37 inches respectively below normal. By station, rainfall totals ranged from a low of 0.03 inches at Bowling Green to a high of 1.67 inches at Covington.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 27, 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	0.22	35.09	4.32	+8.71	+1.97	67	37	53.7	-1	95	49		
Berea	0.20	38.17	5.00	+10.30	+2.43	69	40	55.1	+1	94	51		
Bowling Green	0.03	36.28	4.09	+8.25	+1.34	71	44	59.0	+4	--	--		
Bristol	0.17	18.40	2.31	-5.35	-0.05	72	39	58.4	+5	--	--		
Buckhorn Lake	0.45	26.44	3.29	-0.18	+0.71	67	38	54.8	+1	--	--		
Cape Girardeau	0.85	32.86	2.14	+6.56	-0.59	69	33	52.6	-5	--	--		
Campbellsville	0.19	36.00	4.89	+4.59	+1.99	67	41	56.3	+1	95	50		
Covington	1.67	28.30	3.03	+3.47	+0.44	64	35	49.3	-4	--	--		
Cumberland Gap	0.19	22.28	3.46	-6.42	+0.48	71	40	57.7	+4	95	51		
Dix Dam	0.21	33.07	4.75	+5.68	+2.15	67	39	53.9	+0	--	--		
Evansville	1.20	28.92	3.08	+4.04	+0.48	68	36	53.6	-4	--	--		
Glasgow	0.10	36.67	4.51	+6.61	+1.76	69	41	57.4	+2	96	48		
Grayson	0.28	25.91	3.41	+0.22	+0.71	68	39	53.5	-0	95	52		
Hardinsburg	0.15	32.64	4.61	+4.81	+1.83	67	39	54.9	-0	95	51		
Henderson	0.48	35.20	3.32	+9.46	+0.78	67	36	53.8	-3	95	51		
Huntington	0.24	26.21	4.32	+0.40	+1.65	69	39	53.7	+0	--	--		
Jackson	0.38	28.77	3.87	+1.06	+1.22	66	43	53.4	-0	--	--		
Lexington	0.34	27.31	5.16	+0.93	+2.81	65	38	52.4	-1	--	--		
London	0.30	25.21	2.42	-0.54	-0.10	68	37	55.4	+2	--	--		
Louisville	0.19	30.91	4.16	+5.03	+1.69	66	39	53.5	-1	--	--		
Mayfield	0.10	22.48	3.06	-6.38	-0.22	66	40	54.8	-2	95	51		
Nashville	0.10	27.69	4.16	+1.75	+1.76	72	45	59.4	+4	--	--		
Nolin Lake	0.07	35.59	5.16	+5.88	+2.26	69	43	57.6	+3	--	--		
Paducah	0.11	29.75	3.15	+1.92	+0.41	68	37	54.4	-3	95	46		
Princeton	0.11	32.14	5.41	+4.24	+2.64	68	36	55.9	-1	99	62		
Quicksand	0.39	30.22	3.42	+2.51	+0.77	66	38	53.9	+0	95	52		
Somerset	0.24	32.10	4.64	+2.78	+1.66	68	39	56.3	+3	94	52		
Spindletop	0.22	22.36	4.41	-4.02	+2.06	64	36	51.8	-2	87	48		
Williamstown	0.62	23.25	1.72	-3.13	-0.99	68	39	53.0	-1	95	52		

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/>

# Crop Progress and Condition

Week Ending October 20, 2002

## Corn Percent Harvested

State	Oct 20 2002	Prev Wee	Prev Year	5-Yr Avg
CO	34	21	46	48
IL	70	50	64	70
IN	44	31	41	52
IA	41	21	27	59
KS	85	81	88	85
<b>KY</b>	<b>89</b>	<b>87</b>	<b>91</b>	<b>88</b>
MI	34	27	27	32
MN	33	17	30	60
MO	91	85	78	79
NE	46	30	41	61
NC	79	73	95	91
ND	33	19	42	46
OH	37	22	21	34
PA	66	53	56	38
SD	33	25	41	43
TN	97	94	95	97
TX	96	91	97	96
WI	22	14	17	34
ALL	51	37	46	60
These 18 States harvested 95% of last year's corn acreage.				

## Soybeans Percent Harvested

State	Oct 20 2002	Prev Wee	Prev Year	5-Yr Avg.
AR	40	29	56	49
IL	84	65	70	80
IN	78	58	59	78
IA	88	63	75	90
KS	70	54	73	71
<b>KY</b>	<b>43</b>	<b>27</b>	<b>46</b>	<b>53</b>
LA	61	46	82	89
MI	73	55	38	57
MN	76	48	87	94
MS	70	55	78	81
MO	66	48	44	61
NE	78	54	81	85
NC	10	8	21	15
ND	81	68	95	90
OH	74	59	70	79
SD	77	46	83	81
TN	36	23	30	41
WI	53	36	45	73
ALL	74	53	68	77
These 18 States harvested 96% of last year's soybean acreage.				

## Winter Wheat Percent Planted

State	Oct 20 2002	Prev Week	Prev Year	5-Yr Avg.
AR	20	10	24	28
CA	15	10	12	9
CO	100	96	99	99
ID	96	88	85	88
IL	82	65	67	71
IN	74	49	54	69
KS	91	80	96	89
MI	90	74	74	83
MO	60	41	49	53
MT	96	94	97	92
NE	100	96	100	99
NC	18	15	29	24
OH	88	72	76	83
OK	88	78	91	78
OR	45	28	66	68
SD	97	92	95	95
TX	78	69	82	71
WA	97	92	97	96
ALL	84	74	85	80
These 18 States planted 90% of last year's winter wheat acreage.				

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](mailto: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.