



# 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

**LELAND E. BROWN, State Statistician**

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**AGRICULTURAL NEWS:** Scattered showers on Saturday and Sunday helped ease dry conditions in Kentucky. Rainfall last week totaled 0.82 inches Statewide with western counties receiving considerably less than the rest of the State. Temperatures averaged 75 degrees, 6 degrees above normal. **Topsoil moisture**, as of Friday, September 13 was rated 59 percent very short, 32 percent short, and 9 percent adequate. **Subsoil moisture** was rated 59 percent very short, 31 percent short, and 10 percent adequate. **Days suitable for fieldwork** averaged 5.7 out of a possible 7. Primary farming activities included harvesting corn, cutting and housing tobacco, and tending livestock.

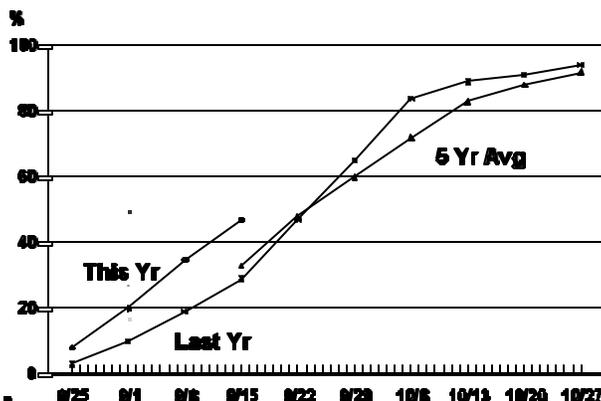
**TOBACCO:** As of Sunday, September 15, **burley tobacco** was 80 percent cut. This compared with 85 percent in 2001, and 75 percent for the five-year average. **Dark tobacco** was 82 percent cut compared with 82 percent in 2001, and 76 percent for the five-year average. Tobacco still in the field was rated 19 very poor, 17 percent poor, 29 percent fair, 26 percent good, and 9 percent excellent. Farmers continue to be concerned about tobacco drying out instead of curing. Tobacco showing houseburn was reported 82 percent with none, 14 percent light, 3 percent moderate, and 1 percent with heavy houseburn.

**CORN:** As of September 15, 90 percent of the corn crop was mature, unchanged from last year and 76 percent for the five-year average. Condition of the corn crop was rated 8 percent very poor, 22 percent poor, 33 percent fair, 30 percent good, and 7 percent excellent. Forty-seven percent of the corn crop was harvested as of Sunday, September 15. This compared to 29 percent the previous year, and 33 percent for the five-year average. Average moisture levels of the harvested corn was reported at 18 percent.

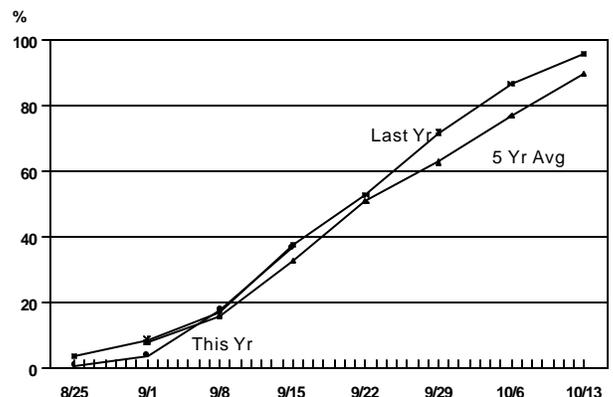
**SOYBEANS:** Double crop and late planted beans got a little help for their pod fill with showers late in the week. The condition of the crop was rated 11 very poor, 25 percent poor, 29 percent fair, 30 percent good, and 5 percent excellent. Thirty-seven percent of the soybean crop was shedding leaves compared to 38 percent last year, and 33 percent on average.

**OTHER CROPS:** **Pasture** conditions have declined further this past week and were rated 35 percent very poor, 36 percent poor, 21 percent fair, 7 percent good, and 1 percent excellent. Some farmers are already feeding hay due to poor pasture conditions. The **hay** crop was rated 33 percent very poor, 31 percent poor, 25 percent fair, 10 percent good, and 1 percent excellent.

**CORN HARVESTED PROGRESS**



**SOYBEANS SHEDDING LEAVES OR BEYOND**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 15, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	37	38	33	18	19
Corn					
Mature	90	90	76	70	29
Harvested	47	29	33	35	NA
Burley Tobacco Cut	80	85	75	70	NA
Dark Tobacco Cut	82	82	76	59	NA

(NA) Data Not Available.

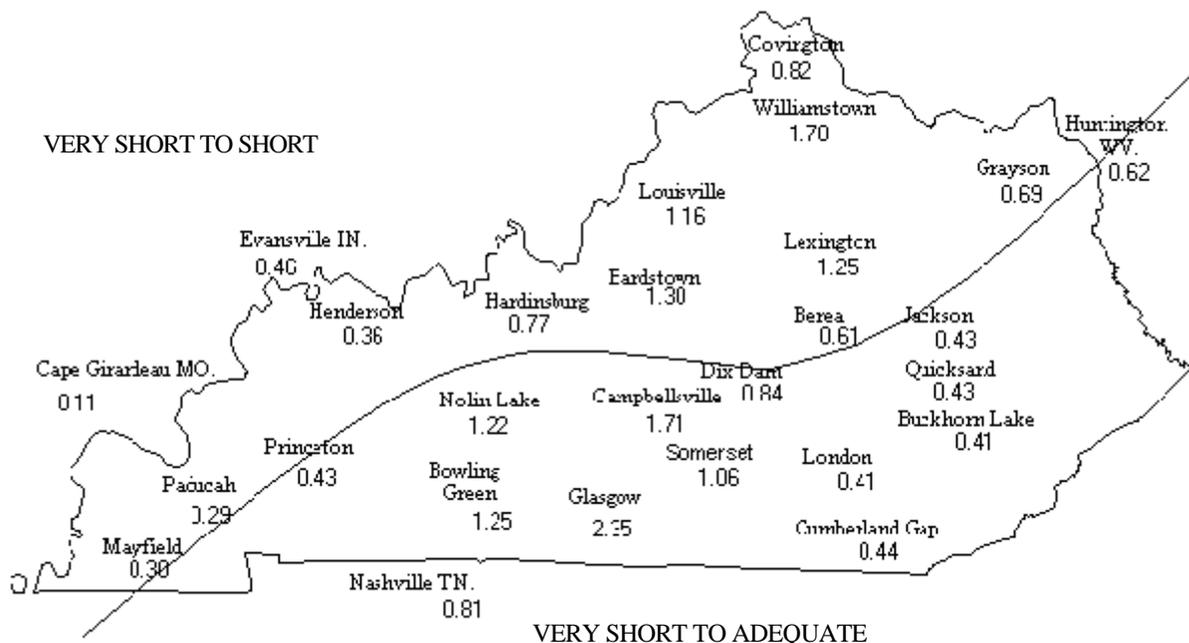
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 13, 2002  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	59	48
Short	32	37
Adequate	9	14
Surplus	0	1
<b>SUBSOIL</b>		
Very Short	59	50
Short	31	35
Adequate	10	14
Surplus	0	1

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 13, 2002					WEEK ENDING SEPTEMBER 6, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	8	22	33	30	7	10	23	34	27	6
Soybeans	11	25	29	30	5	10	23	34	25	8
Pasture	35	36	21	7	1	23	32	30	14	1
Hay Crops	33	31	25	10	1	23	31	25	19	2
Tobacco in Field	19	17	29	26	9	11	15	35	31	8

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 15, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 13, 2002**



## KENTUCKY WEATHER SUMMARY, SEPTEMBER 9 - 15, 2002:

### ABOVE NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:

After starting the week very dry, and with nearly all stations reporting highs in the 90's, temperatures began to moderate by mid-week. By the weekend, a cold front had moved into the area, bringing not only cooler temperatures for the State, but also a good deal of relief in the way of rainfall through the entire weekend. Western sections of the State received less rainfall than did the remainder of the State.

Temperatures for the period averaged 75 degrees across the State which was 6 degrees above normal. High temperatures averaged from 89 in the West to 85 in the East. Departure from normal high temperatures ranged from 6 degrees above normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 62 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 4 degrees above normal in the East. The extreme high temperature for the week was near 100 degrees in Paducah and Williamstown and the extreme low temperature was near 50 degrees in Quicksand.

Rainfall for the period totaled 0.82 inches statewide which was 0.02 inches from normal. Rainfall totals by climate division, West 0.33 inches, Central 1.34 inches, Bluegrass 1.06 inches and East 0.56 inches, which was -0.49, +0.49, +0.29 and -0.22 inches respectively from normal. By station, rainfall totals ranged from a low of 0.11 inches at Cape Girardeau to a high of 2.35 inches at Glasgow.

Tom Priddy

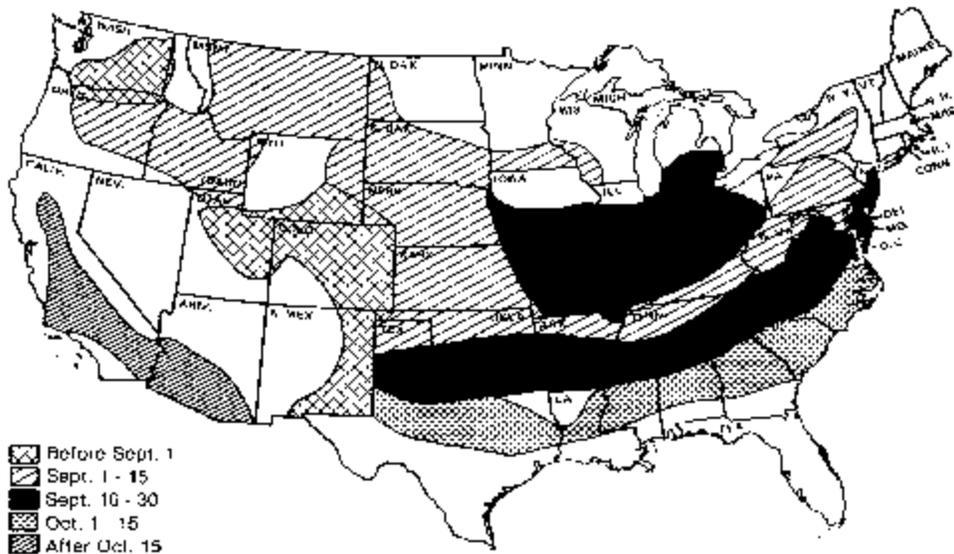
### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, SEPTEMBER 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	1.30	25.64	2.27	+3.10	-0.98	96	57	74.9	+6	162	3536	+384
Berea	0.61	28.78	1.98	+5.35	-1.69	95	56	75.7	+8	167	3594	+334
Bowling Green	1.25	23.98	2.65	+0.44	-0.68	97	56	77.9	+9	181	3661	+371
Bristol	0.30	13.60	2.04	-6.26	-0.92	94	49	71.8	+4	143	3341	+311
Buckhorn Lake	0.41	19.29	1.10	-3.04	-2.26	93	51	72.6	+5	148	3375	+513
Cape Girardeau	0.11	28.74	1.74	+6.84	-1.51	94	49	73.9	+3	156	3676	+232
Campbellsville	1.71	26.06	3.00	-0.29	-1.24	95	57	75.3	+7	166	3620	+390
Covington	0.82	21.27	1.09	+0.37	-1.75	95	52	74.3	+7	158	3299	+313
Cumberland Gap	0.44	15.21	1.48	-9.08	-1.88	94	53	73.4	+6	155	3471	+471
Dix Dam	0.84	23.85	2.08	+0.66	-1.26	96	56	75.6	+8	166	3532	+334
Evansville	0.46	21.21	0.93	+0.31	-1.86	97	53	76.4	+6	170	3632	+341
Glasgow	2.35	25.86	3.06	+0.37	-0.58	96	56	76.1	+7	170	3757	+557
Grayson	0.69	19.03	1.16	-2.69	-1.79	96	52	73.0	+5	150	3395	+563
Hardinsburg	0.77	20.97	1.24	-2.38	-2.17	96	55	75.9	+7	169	3589	+284
Henderson	0.36	26.82	0.44	+5.23	-2.62	96	52	75.1	+5	165	3647	+326
Huntington	0.62	18.49	0.92	-3.34	-2.13	96	49	72.5	+5	145	3368	+352
Jackson	0.43	21.85	0.77	-1.57	-2.67	93	56	74.0	+6	158	3416	+554
Lexington	1.25	17.96	2.74	-4.58	-0.51	97	56	75.1	+7	163	3453	+422
London	0.41	17.38	1.41	-4.23	-1.72	94	55	73.0	+5	151	3361	+376
Louisville	1.16	20.03	1.35	-1.91	-1.71	96	57	75.2	+7	164	3548	+226
Mayfield	0.30	14.47	0.36	-9.26	-3.23	95	54	75.0	+4	163	3541	+175
Nashville	0.81	18.09	1.30	-3.86	-1.86	95	60	78.0	+9	184	3825	+290
Nolin Lake	1.22	22.59	2.32	-2.25	-1.36	97	56	77.3	+9	178	3610	+549
Paducah	0.29	21.07	0.69	-2.31	-2.56	98	52	75.9	+5	165	3737	+324
Princeton	0.43	21.26	1.08	-2.31	-2.27	97	50	76.1	+5	166	3794	+397
Quicksand	0.43	20.97	0.94	-2.45	-2.50	93	49	72.6	+5	150	3377	+515
Somerset	1.06	22.89	2.50	-1.58	-1.14	94	56	73.4	+6	153	3414	+323
Spindletop	1.16	14.32	1.47	-8.22	-1.78	96	55	73.7	+6	154	3356	+325
Williamstown	1.70	18.15	2.02	-4.04	-1.14	99	54	75.1	+7	161	3483	+452

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr<sup>1</sup> 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/>

## WINTER WHEAT - Usual Start of Planting, Principal Areas in the United States



### CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 8, 2002

#### CORN MATURE

State	Curr	Last Wk	2001	Avg
CO	10	4	10	12
IL	24	14	48	34
IN	20	6	42	33
IA	35	14	21	33
KS	58	41	56	57
KY	70	61	76	63
MI	9	3	6	11
MN	9	1	6	12
MO	65	49	62	62
NE	32	13	24	21
NC	84	74	84	78
ND	7	2	24	17
OH	7	2	10	12
PA	30	18	23	13
SD	24	17	19	17
TN	92	73	82	80
TX	82	73	84	81
WI	8	0	0	9
18 States	29	16	31	30

These 18 States planted 93% of last year's corn acreage.

#### SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	2001	Avg
AR	19	13	31	15
IL	9	3	25	17
IN	18	11	35	34
IA	20	3	4	12
KS	31	13	33	37
KY	18	4	17	16
LA	28	20	42	44
MI	11	1	13	15
MN	22	4	14	16
MS	50	37	57	50
MO	10	5	8	13
NE	19	7	11	14
NC	7	5	7	7
ND	26	4	21	23
OH	18	6	29	28
SD	44	26	40	33
TN	19	11	22	16
WI	12	0	0	7
18 States	19	7	20	20

These 18 States planted 95% of last year's soybean 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.

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