



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

# 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

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KGC 23-06

**AGRICULTURAL NEWS:** Drier weather this week allowed Kentucky farmers to harvest more tobacco and corn. Some parts of the State had spotty showers toward the end of the week, with more comfortable temperatures. Most producers were optimistic about crop yields this year. **Topsoil moisture** was rated 6 percent very short, 32 percent short, 60 percent adequate, and 2 percent surplus, as of Friday, August 25. **Subsoil moisture** was rated 9 percent very short, 38 percent short, 51 percent adequate, and 2 percent surplus. Farmers continued to cut and house tobacco, cut and bale hay, and harvest early maturing corn. Days suitable for fieldwork averaged 5.9 out of a possible 7 days.

**TOBACCO:** Some farmers experienced difficulty in finding enough workers to put up the tobacco crop. Housed tobacco continued to cure well with adequate humidity to bring it in and out of case. By Sunday, August 27, forty percent of the burley tobacco crop had been cut, above the previous year's 37 percent and the five year average of 39 percent. Only 1 percent of the tobacco in the field was rated very poor, with 3 percent poor, 15 percent fair, 57 percent good, and 24 percent excellent. One-third of the dark tobacco was cut, also ahead of last year. In 2005, 27 percent of the dark tobacco was cut, with 32 percent for the average.

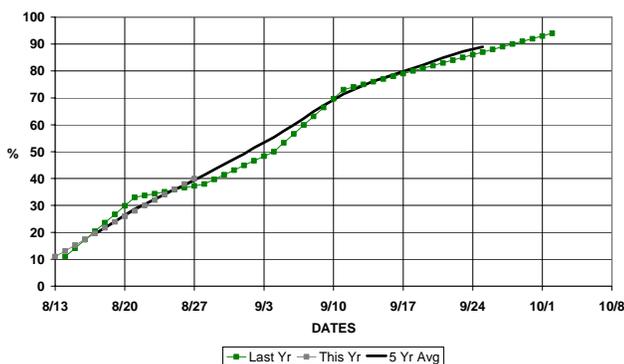
**CORN:** A few more early maturing fields were harvested this week. Grain harvest should become more prevalent in the next week or so. Field corn

condition as of Friday, August 25, was rated 2 percent poor, 16 percent fair, 44 percent good, and 38 percent excellent. Ninety percent of corn crop was in the dent stage or beyond. A year ago, it was 82 percent. The five year average was 84 percent. Nearly half the corn had matured, at 48 percent. Last year, 46 percent was matured, and the average was 44 percent. Harvested was at 5 percent, same as the average. It was 3 percent a year ago.

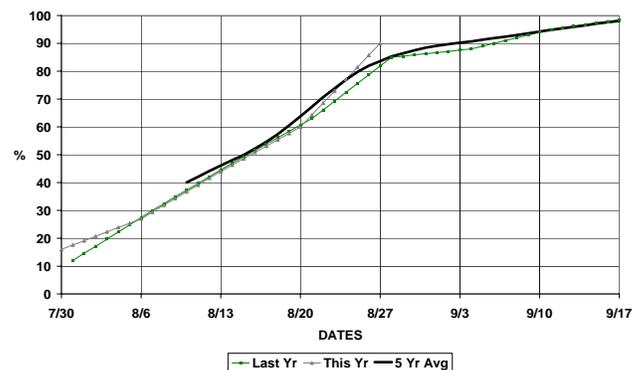
**SOYBEANS:** Soybean condition was 1 percent poor, 19 percent fair, 52 percent good, and 28 percent excellent. Projected yields look promising, though double-cropped soybeans could benefit from more rain. Eighty-four percent of the soybeans have set pods, slightly faster than the 81 percent for 2005, and 83 percent for the five year average. Only 8 percent had leaves turning yellow compared with 15 percent last year and 12 percent for the average. Three percent has dropped leaves, behind the 5 percent for a year ago and 4 percent on average.

**OTHER CROPS:** The week was dry enough to allow hay to be cut and baled. A few farmers in drier areas had to feed hay to their livestock, and some were concerned about having enough hay for winter use. Pasture and hay conditions held steady this week. Two percent of the hay fields were rated very poor, 7 percent poor, 36 percent fair, 46 percent good, and 9 percent excellent. On Friday, August 25, pastures were rated 2 percent very poor, 10 percent poor, 38 percent fair, 44 percent good, and 6 percent excellent.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN PERCENT DENT OR BEYOND**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING AUGUST 27, 2006  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Setting Pods	84	81	83	76	93
Turning Yellow	8	15	12	NA	NA
Shedding Leaves	3	5	4	0	4
Corn					
Dent Stage	90	82	84	60	44
Mature	48	46	44	20	7
Harvested	5	3	5	NA	NA
Burley Tobacco					
Cut	40	37	39	26	NA
Dark Tobacco					
Cut	33	27	32	21	NA

(NA)Data Not Available.

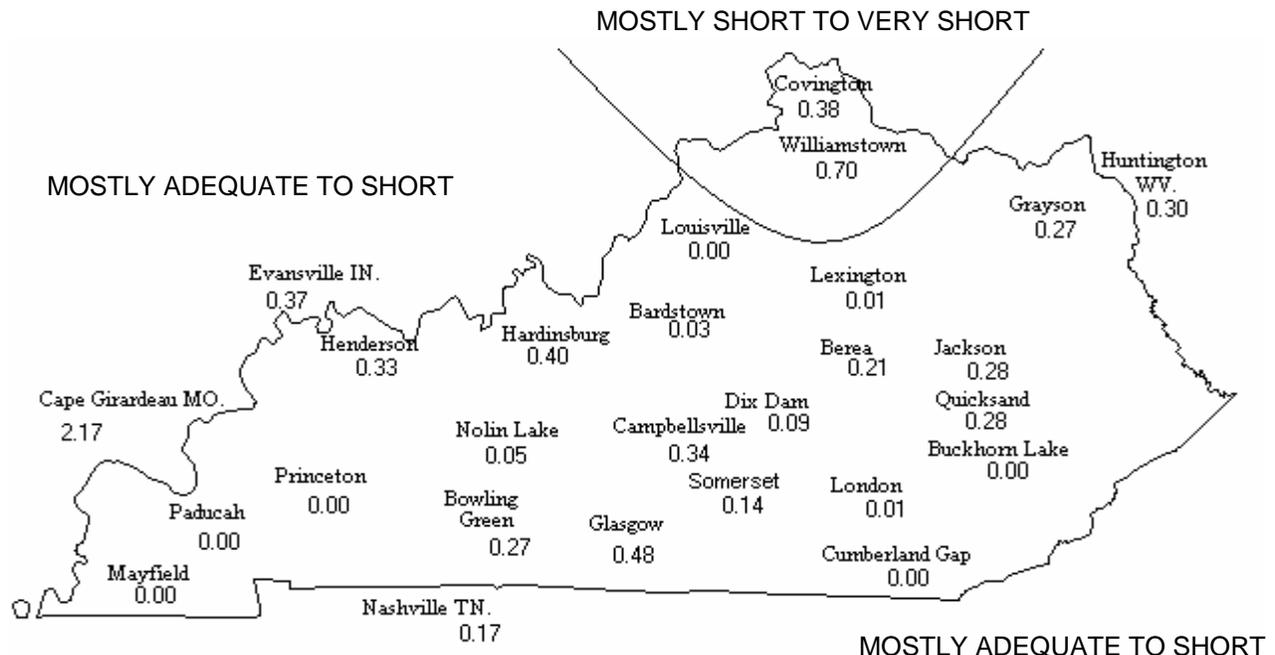
**SOIL MOISTURE**  
WEEK ENDING AUGUST 25, 2006  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	6	5
Short	32	32
Adequate	60	58
Surplus	2	5
<b>SUBSOIL</b>		
Very Short	9	8
Short	38	35
Adequate	51	54
Surplus	2	3

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING AUGUST 25, 2006					WEEK ENDING AUGUST 18, 2006				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	2	16	44	38	1	3	11	43	42
Soybeans	0	1	19	52	28	0	2	15	48	35
Pasture	2	10	38	44	6	2	10	34	47	7
Hay Crops	2	7	36	46	9	1	12	38	42	7
Tobacco in Field	1	3	15	57	24	1	4	21	56	18

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 27, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 25, 2006**



# KENTUCKY WEATHER SUMMARY, AUGUST 21 – 27, 2006:

## Above Normal Temperatures and Below Normal Rainfall:

After two consecutive weeks of above normal rainfall, below normal rainfall fell across the Commonwealth this past week. High pressure was dominant over the entire work week. Temperatures were comfortable for the first half of the work week as the high pressure system ushered in cool, dry air from Canada. By the weekend, high pressure began to break down as a cold front started to slowly move in from the Upper Midwest. Scattered showers and thunderstorms were felt over the weekend with the slowly approaching cold front.

Temperatures for the period averaged 76 degrees across the State which was 3 degrees above normal and 1 degree cooler than the previous week's average. High temperatures averaged from 88 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 65 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 3 degrees above normal in the East. Extreme temperatures ranged from a maximum in the mid 90s to a minimum in the upper 50s.

Precipitation (liq. equ.) for the period totaled 0.26 inches statewide which was 0.58 inches below normal. Precipitation totals by climate division, West 0.59 inches, Central 0.17 inches, Bluegrass 0.15 inches and East 0.12 inches, which was 0.20, 0.68, 0.71 and 0.75 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Buckhorn Lake to a high of 2.17 inches at Cape Girardeau.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 27, 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	0.03	16.35	2.01	-4.08	-1.57	90	57	74.7	+2	166	2875	+85
Berea	0.21	16.56	2.94	-4.36	-0.68	89	59	74.4	+2	165	2948	+69
Bowling Green	0.27	18.12	4.02	-3.11	+0.81	91	59	77.3	+4	182	3141	+232
Bristol	0.02	16.99	2.88	-0.83	-0.02	92	59	75.4	+3	167	2770	+102
Buckhorn Lake	0.00	16.32	1.68	-3.71	-1.66	90	59	75.1	+3	168	2939	+416
Cape Girardeau	2.17	21.76	4.01	+2.09	+0.86	90	58	75.9	+1	174	3175	+116
Campbellsville	0.34	16.43	2.67	-7.01	-1.48	91	58	75.3	+2	170	2870	+21
Covington	0.38	16.54	1.00	-2.49	-2.05	92	57	75.7	+4	167	2789	+150
Cumberland Gap	0.00	16.68	2.26	-5.51	-1.68	90	59	75.1	+3	168	2907	+269
Dix Dam	0.09	17.23	3.69	-3.76	+0.13	89	58	73.4	+1	160	2818	+1
Evansville	0.37	26.33	6.92	+7.32	+4.08	90	62	76.3	+2	177	3104	+194
Glasgow	0.48	20.70	2.66	-2.33	-1.02	92	58	77.6	+5	181	3110	+291
Grayson	0.27	20.72	3.07	+0.86	-0.35	92	58	76.1	+4	171	2851	+362
Hardinsburg	0.40	23.40	4.89	+2.37	+1.44	90	62	77.0	+4	183	2954	+45
Henderson	0.33	21.27	3.45	+1.82	+0.56	91	60	76.2	+1	176	2937	-3
Huntington	0.30	18.75	0.92	-1.17	-2.67	93	58	76.6	+4	172	2933	+264
Jackson	0.28	17.33	2.26	-3.81	-1.40	89	58	74.4	+2	167	2974	+451
Lexington	0.01	18.82	2.76	-1.61	-0.82	88	60	75.1	+3	172	2844	+175
London	0.01	17.50	3.86	-1.94	+0.82	88	58	74.7	+3	168	2865	+227
Louisville	0.00	26.44	3.19	+6.54	-0.04	92	62	76.4	+3	174	2900	-37
Mayfield	0.00	18.92	2.09	-2.34	-1.39	90	59	75.8	+1	173	2911	-59
Nashville	0.17	18.96	4.85	-0.84	+1.71	96	64	81.8	+9	201	3377	+261
Nolin Lake	0.05	21.25	3.06	-1.00	-0.37	91	60	77.2	+4	181	2963	+264
Paducah	0.00	23.81	2.60	+2.71	-0.44	91	58	76.9	+2	179	3254	+226
Princeton	0.00	18.95	2.34	-2.44	-1.29	94	59	77.2	+2	178	3182	+185
Quicksand	0.28	15.52	2.27	-5.62	-1.39	90	59	75.6	+4	172	2905	+382
Somerset	0.14	19.19	3.63	-2.77	+0.06	89	56	73.6	+2	162	2804	+75
Spindletop	0.00	16.04	2.58	-4.39	-1.00	89	59	74.9	+3	167	2767	+98
Williamstown	0.70	21.10	2.83	+0.99	-0.56	90	58	75.4	+3	169	2767	+98

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/>

# CORN FOR GRAIN - USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE U.S.



## CORN CONDITION AND PROGRESS FOR WEEK ENDING AUGUST 20, 2006

State	CONDITION PERCENT				
	VP	P	F	G	EX
CO	4	13	30	41	12
IL	3	6	21	50	20
IN	2	5	21	52	20
IA	3	8	24	44	21
KS	14	22	33	25	6
KY	1	3	11	43	42
MI	1	6	25	49	19
MN	8	13	24	41	14
MO	7	15	32	39	7
NE	6	12	27	38	17
NC	0	2	17	47	34
ND	8	22	38	30	2
OH	1	7	20	49	23
PA	1	3	24	49	23
SD	24	25	24	22	5
TN	5	10	24	44	17
TX	34	18	28	17	3
WI	7	8	20	43	22
18 States	7	11	24	41	17
Prev Week	7	11	25	41	16
Prev Year	9	14	27	37	13

VP - Very Poor P - Poor F - Fair G - Good  
EX - Excellent

State	PERCENT DOUGH			
	Curr	Last Wk	2005	Avg
CO	57	30	34	39
IL	88	83	91	87
IN	83	66	85	77
IA	77	56	74	63
KS	86	78	93	90
KY	92	66	87	86
MI	77	55	77	39
MN	75	50	65	48
MO	97	93	95	91
NE	90	80	85	83
NC	99	96	94	94
ND	79	60	60	62
OH	78	58	75	69
PA	78	51	63	59
SD	73	54	63	61
TN	99	99	99	99
TX	98	97	98	96
WI	62	43	55	40
18 States	82	67	78	71

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

State	PERCENT DENT			
	Curr	Last Wk	2005	Avg
CO	18	5	9	9
IL	53	34	56	49
IN	37	18	40	34
IA	37	15	30	23
KS	63	47	58	59
KY	60	44	61	64
MI	27	6	20	7
MN	25	5	19	12
MO	81	68	78	69
NE	53	26	46	38
NC	86	76	78	79
ND	34	14	6	12
OH	23	9	18	18
PA	42	20	19	22
SD	31	15	18	17
TN	93	85	91	91
TX	89	85	79	83
WI	18	2	9	5
18 States	44	25	38	33

These 18 States planted 93% of last year's corn 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, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.