



**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

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: As of Sunday, September 16, topsoil moisture was rated 55 percent very short, 32 percent short, and 13 percent adequate. Subsoil moisture was rated 66 percent very short, 24 percent short, and 10 percent adequate. Main farm activities were shelling corn and cutting and housing tobacco. Fieldwork was possible for 5.7 days out of a total 7 days.

TOBACCO: Farmers still report housed tobacco drying fast instead of curing. Condition of the tobacco in fields was rated 5 percent very poor, 11 percent poor, 30 percent fair, 41 percent good, and 13 percent excellent. Seventy-eight percent of the burley was cut, above previous year's 74 percent. The five year average was 76 percent. Eighty-one percent of dark tobacco has been cut. In 2006, it was 64 percent and the average was 71 percent.

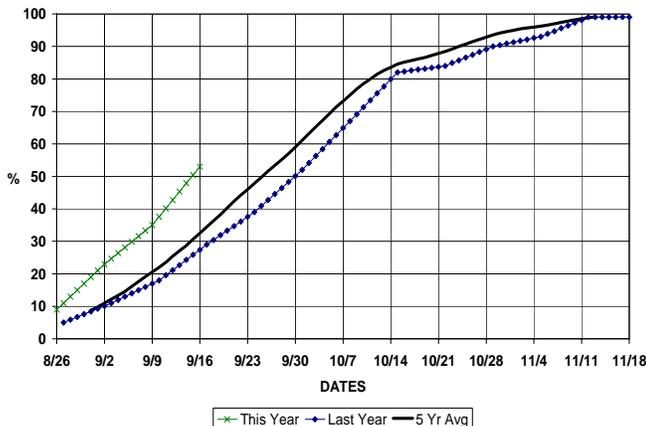
CORN: By September 16, 53 percent of the corn had been harvested. Only 27 percent was harvested last year, with 33 percent for the five year average. Yields look good in some places,

while other areas are yielding below normal. Corn dried quickly again this week with 93 percent mature. Eighty-three percent was matured a year ago, same as the 5 year average. Most of the corn had reached the dent stage at 99 percent. It was 98 percent in 2006, with 97 percent for the average. The condition of the corn was rated 6 percent very poor, 13 percent poor, 22 percent fair, 34 percent good, and 25 percent excellent.

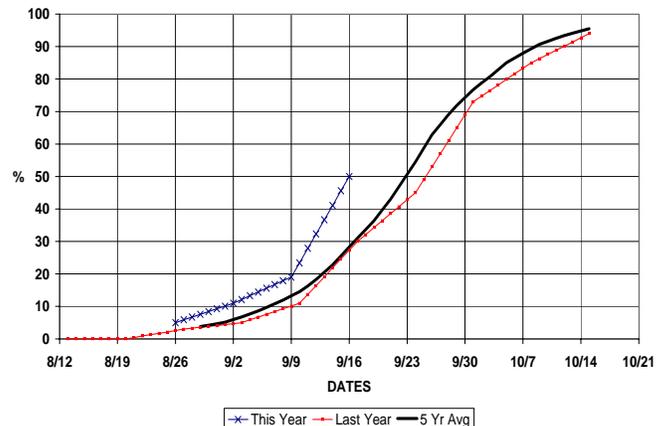
SOYBEANS: Farmers continued to report decline in the soybean crop. Soybean condition was rated 19 percent very poor, 19 percent poor, 39 percent fair, 20 percent good, and 3 percent excellent. Acreage that had dropped leaves was at 50 percent, compared to 27 percent last year and the average of 28 percent.

OTHER CROPS: Some farmers reported their pastures starting to recover after recent rains. Farmers report a severe hay shortage in some areas. Hay condition was rated 38 percent very poor, 34 percent poor, 25 percent fair, and 3 percent good. Pasture condition was rated 39 percent very poor, 33 percent poor, 23 percent fair, 4 percent good, and 1 percent excellent.

CORN HARVESTED PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 16, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	50	27	28	19	32
Corn					
Dent Stage	99	98	97	97	90
Mature	93	83	83	83	42
Harvested	53	27	33	35	8
Burley Tobacco					
Cut	78	74	76	64	NA
Dark Tobacco					
Cut	81	64	71	70	NA

(NA)Data Not Available.

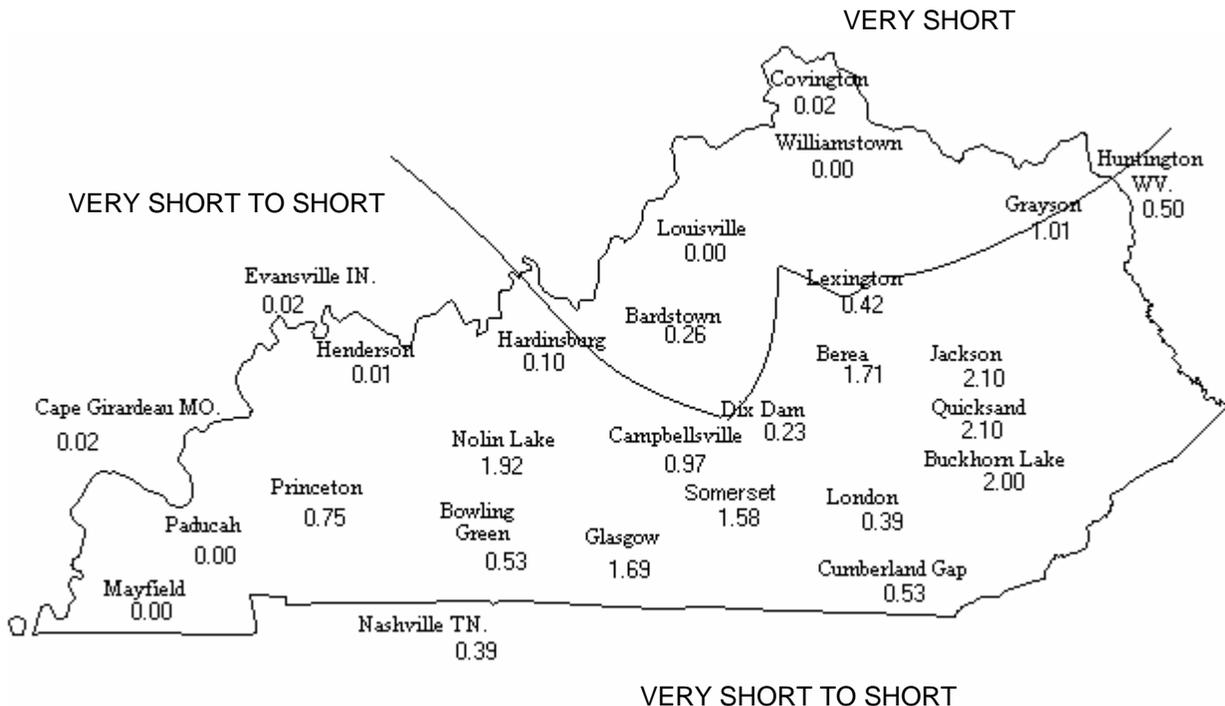
SOIL MOISTURE
WEEK ENDING SEPTEMBER 16, 2007

	This Week	Previous Week
TOPSOIL		
Very Short	55	66
Short	32	26
Adequate	13	6
Surplus	0	2
SUBSOIL		
Very Short	66	72
Short	24	23
Adequate	10	5
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 16, 2007					WEEK ENDING SEPTEMBER 9, 2007				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	6	13	22	34	25	7	17	24	38	14
Soybeans	19	19	39	20	3	18	22	40	18	2
Pasture	39	33	23	4	1	54	29	14	3	0
Hay Crops	38	34	25	3	0	47	29	21	3	0
Tobacco in Field	5	11	30	41	13	9	14	29	36	12

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION
WEEK ENDING SEPTEMBER 16, 2007



KENTUCKY WEATHER SUMMARY, SEPTEMBER 10 - 16, 2007:

Below normal temperatures and above normal rainfall:

Kentucky enjoyed a much needed reprieve from heat and lack of rainfall this week. For the first time in six weeks, temperatures averaged below normal, and rainfall totals were above normal. This pattern shift was due largely to the passage of two cold fronts, one at the beginning of the week and one at week's end. The frontal passage that occurred late Friday evening actually knocked lows down into the 40s for many portions of the Commonwealth. Thunderstorms from frontal passages and some limited moisture from the remnants of Hurricane Humberto helped the Bluegrass state to realize some decent weekly rainfall totals as well. Areas around Jackson and Buckhorn Lake received over 2 inches of rain, and areas around Glasgow and Nolin Lake received just under two inches. Overall a good week weather-wise to an area that greatly needed the rainfall, but unfortunately, Kentucky continued in deep levels of hydrologic drought with southeast Kentucky in exceptional hydrologic drought, according to last week's U.S. Drought Monitor.

Temperatures for the period averaged 68 degrees across the state which was 1 degree below normal and nearly 10 degrees cooler than the previous week. High temperatures averaged from 80 in the West to 78 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 1 degrees below normal in the East. Low temperatures averaged from 56 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 1 degrees above normal in the East. Extreme high temperature were near 90 and extreme lows were in the 40s.

Rainfall for the period totaled 1.24 inches statewide which was 0.30 above below normal. Rainfall totals by climate division, West 1.08 inches, Central 2.16 inches, Bluegrass 0.70 inches and East 1.06 inches, which was respectively 0.18 above normal, 1.09 above normal, 0.17 below normal and 0.13 inches above normal. By station, rainfall totals ranged from a low of 0.00 inches at Louisville to a high of 2.10 inches at Jackson.

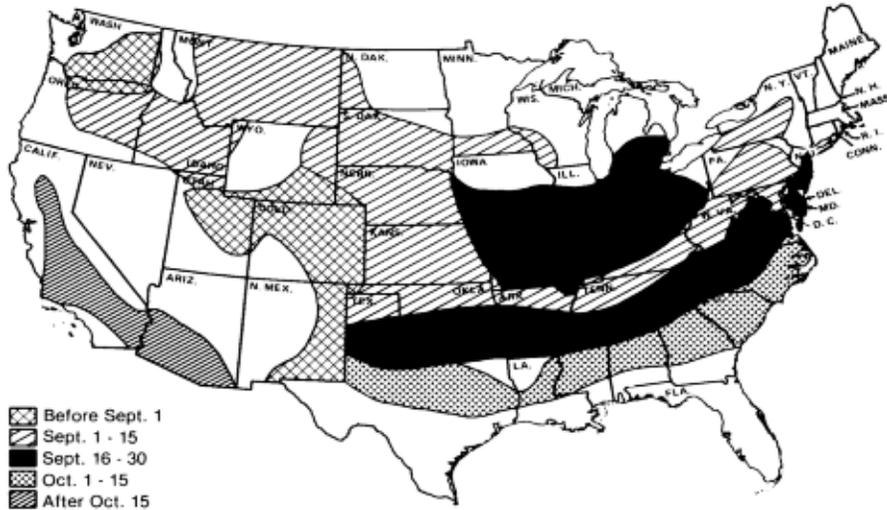
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 16, 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	0.26	18.85	4.25	-3.80	+1.02	82	45	67.4	-1	125	3535	+365
Berea	1.71	17.48	2.56	-6.08	-1.12	84	47	69.4	+2	135	3547	+268
Bowling Green	0.53	14.39	2.23	-9.27	-1.11	86	47	69.4	+1	136	3766	+457
Bristol	0.09	10.84	0.37	-9.13	-2.60	87	52	73.0	+6	157	3298	+250
Buckhorn Lake	2.00	13.34	2.16	-9.11	-1.20	84	46	67.9	+0	125	3542	+663
Cape Girardeau	0.02	13.44	2.86	-8.58	-0.39	88	46	68.1	-2	128	3598	+135
Campbellsville	0.97	21.71	3.53	-4.79	-0.71	84	44	69.0	+1	134	3558	+309
Covington	0.02	8.76	0.48	-12.24	-2.35	87	47	67.3	-0	121	3428	+425
Cumberland Gap	0.53	14.90	0.99	-9.49	-2.33	84	46	67.9	+0	125	3542	+524
Dix Dam	0.23	15.82	1.10	-7.49	-2.23	82	46	67.4	-0	122	3491	+274
Evansville	0.02	12.71	1.53	-8.28	-1.26	87	48	68.6	-2	130	3616	+306
Glasgow	1.69	21.21	4.70	-4.41	+1.07	86	44	69.9	+2	141	3696	+477
Grayson	1.01	17.15	4.82	-4.66	+1.90	85	44	66.4	-1	116	3410	+561
Hardinsburg	0.10	18.83	3.97	-4.64	+0.56	84	49	68.2	-0	126	3691	+366
Henderson	0.01	18.09	3.12	-3.62	+0.05	85	46	67.7	-3	124	3560	+220
Huntington	0.50	10.42	1.11	-11.50	-1.91	86	42	66.0	-1	115	3376	+343
Jackson	2.10	14.31	3.08	-9.23	-0.35	85	48	66.4	-1	115	3471	+592
Lexington	0.42	18.55	3.80	-4.10	+0.57	82	47	66.7	-1	117	3447	+398
London	0.39	13.73	0.88	-8.00	-2.26	87	45	68.8	+1	131	3497	+495
Louisville	0.00	16.90	2.57	-5.15	-0.49	83	44	67.1	-1	121	3500	+159
Mayfield	0.00	7.90	0.46	-15.97	-3.14	84	46	67.9	-2	125	3547	+161
Nashville	0.39	10.73	1.85	-11.34	-1.31	84	52	72.8	+4	157	3946	+390
Nolin Lake	1.92	19.21	4.09	-5.77	+0.39	85	47	68.9	+0	131	3726	+647
Paducah	0.00	15.32	1.78	-8.18	-1.48	88	46	68.9	-1	133	3713	+281
Princeton	0.75	15.85	2.85	-7.84	-0.48	86	47	69.6	-1	137	3774	+357
Quicksand	2.10	14.00	3.08	-9.54	-0.35	84	46	67.9	+0	125	3546	+667
Somerset	1.58	15.66	1.86	-8.94	-1.79	91	42	68.0	+1	125	3350	+241
Spindletop	0.06	16.79	1.82	-5.86	-1.41	84	46	65.8	-2	114	3379	+330
Williamstown	0.00	16.79	0.39	-5.50	-2.76	84	47	67.1	-0	119	3442	+393

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/>

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



CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 9, 2007

CORN MATURE

State	Curr	Last Wk	2006	Avg
CO	10	3	16	13
IL	68	44	36	35
IN	41	25	22	25
IA	41	16	27	28
KS	62	40	65	59
KY	83	81	73	70
MI	21	7	14	11
MN	31	13	20	13
MO	76	57	79	72
NE	28	10	26	21
NC	96	87	92	87
ND	18	9	30	14
OH	9	7	13	10
PA	34	26	30	26
SD	25	6	16	17
TN	100	98	89	85
TX	80	75	83	80
WI	17	6	10	7
18 States	42	25	32	29

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

SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	2006	Avg
AR	36	25	39	29
IL	35	15	11	19
IN	41	20	15	27
IA	25	7	26	24
KS	28	17	25	29
KY	19	11	10	13
LA	72	59	75	51
MI	7	1	13	13
MN	45	13	31	25
MS	73	63	88	70
MO	15	7	10	13
NE	7	1	8	16
NC	16	14	13	9
ND	45	17	62	32
OH	28	8	23	24
SD	42	14	40	45
TN	61	47	36	28
WI	14	3	15	14
18 States	32	14	25	25

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, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.