



**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

Released weekly April - November

Issued 4:00 P.M., October 15, 2007

SKB 30-07

AGRICULTURAL NEWS: Temperatures dropped an average of 12 degrees from last week, but were still above normal for this time of year. Temperatures averaged 62 degrees, 3 degrees above normal. Rainfall was again below normal with only 0.10 inches received statewide during the week. This was 0.56 inches below normal. Currently, the Commonwealth is experiencing its second driest January thru October in the past 113 years. **Topsoil moisture** was rated 73 percent very short, 23 percent short, and 4 percent adequate as of Sunday, October 14. **Subsoil moisture** was rated 79 percent very short, 17 percent short, and 4 percent adequate. There were 6.4 days suitable for fieldwork. Main farm activities included seeding wheat, harvesting soybeans, and cutting and housing tobacco.

TOBACCO: The condition of housed tobacco was reported as 2 percent very poor, 6 percent poor, 36 percent fair, 48 percent good and 8 percent excellent. Twelve percent of tobacco had been stripped compared to 7 percent last year and 11 percent for the average. Some farmers continued to report their tobacco was drying too fast and losing color.

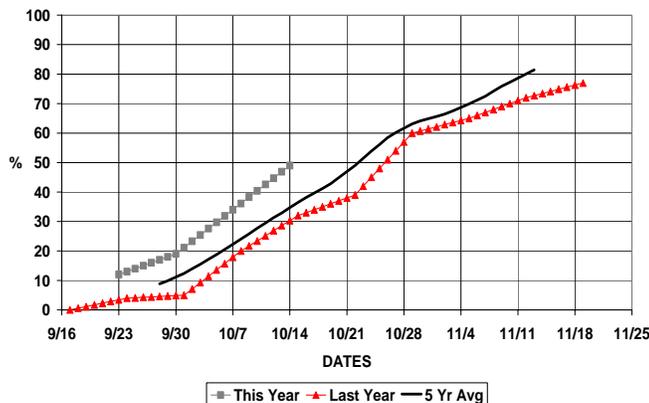
CORN: The corn harvest was nearly complete with 96 percent of the crop combined as of

Sunday, October 14. This continues well ahead of the 80 percent harvested last year and the five year average of 84 percent.

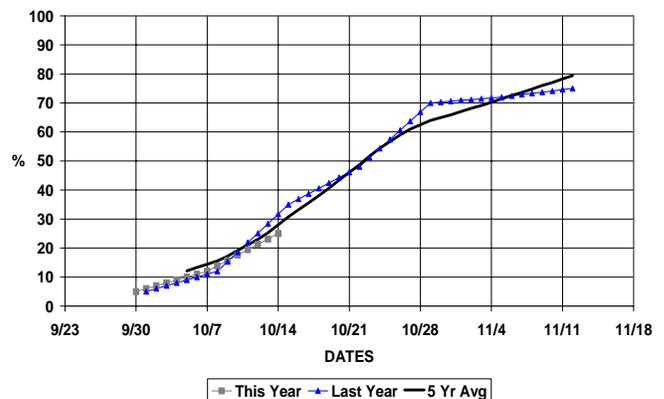
SOYBEANS: As of Sunday, October 14, 49 percent of the soybeans had been harvested, well ahead of the 30 percent reported last year and the average of 35 percent. Eighty-three percent of soybeans were mature, ahead of last year's 76 percent but slightly behind the five year average of 87 percent. Ninety-five percent of the crop had dropped leaves compared with 93 percent a year ago and the five year average of 95 percent. Soybean condition was rated 22 percent very poor, 20 percent poor, 26 percent fair, 22 percent good, and 10 percent excellent.

OTHER CROPS AND PASTURE: Winter wheat seeding is underway with farmers reporting 25 percent of the crop seeded as of Sunday, October 14. This is behind last years 32 percent and the five year average of 28 percent. Seeding is still slow due to the concern of very little moisture for germination. Pasture condition continued to deteriorate with 57 percent very poor, 29 percent poor, 13 percent fair, and 1 percent good. Producers reported that they are hauling water to their cattle and feeding hay months early.

SOYBEANS HARVESTED PROGRESS



WINTER WHEAT SEEDING COMPLETED



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 14, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	95	93	95	90	94
Mature	83	76	87	75	NA
Harvested	49	30	35	34	50
Corn					
Harvested	96	80	84	90	42
Burley Tobacco					
Stripped	12	7	11	6	NA
Wheat					
Seeded	25	32	28	12	58

(NA)Data Not Available.

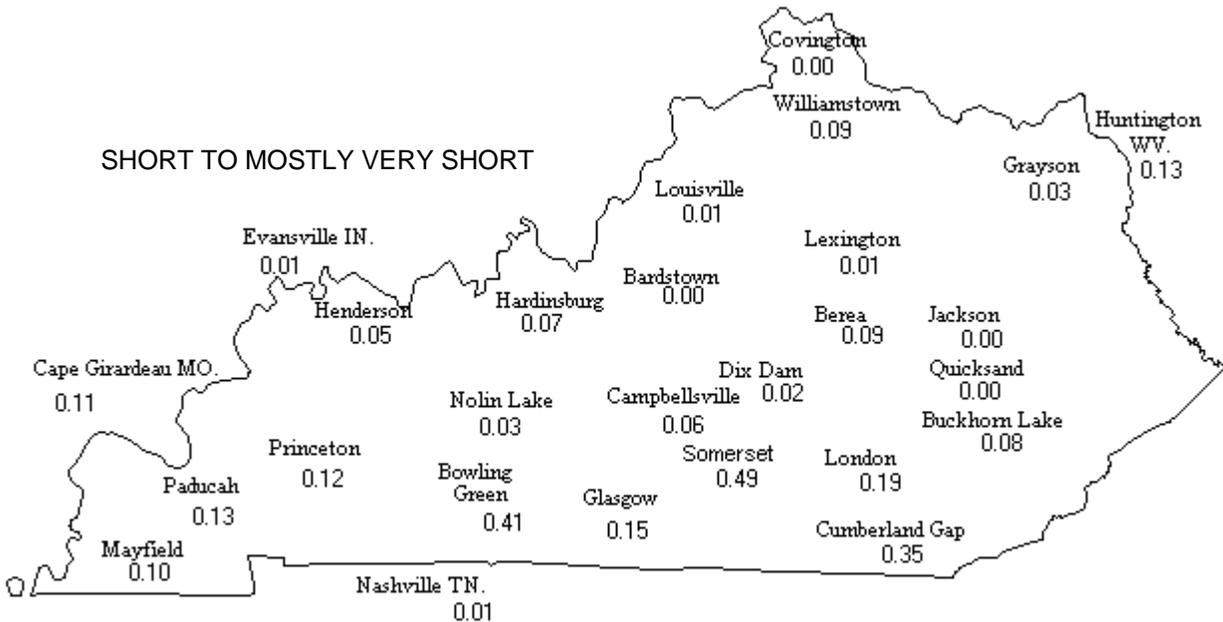
SOIL MOISTURE
WEEK ENDING OCTOBER 14, 2007

	This Week	Previous Week
TOPSOIL		
Very Short	73	69
Short	23	26
Adequate	4	5
Surplus	0	0
SUBSOIL		
Very Short	79	74
Short	17	20
Adequate	4	6
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 14, 2007					WEEK ENDING OCTOBER 7, 2007				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	22	20	26	22	10	23	24	25	22	6
Pasture	57	29	13	1	0	50	32	15	3	0
Housed Tobacco	2	6	36	48	8	6	7	35	44	8

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION
WEEK ENDING OCTOBER 14, 2007



KENTUCKY WEATHER SUMMARY, OCTOBER 8 - 14, 2007:

Above Normal Temperatures and Below Normal Rainfall:

The Bluegrass State experienced a significant temperature change last week for the third full week of autumn. The work week started off with temperatures in the upper 80s and low 90s on Monday. Cold Canadian air moved into the State starting on Tuesday and by Thursday morning temperatures had dropped into the upper 30s for lows and upper 50s for highs. Very little rainfall occurred last week, which continued the very deep drought conditions across the Commonwealth. So far this month the State has received less than 20 percent of normal rainfall. Since the beginning of the year, the State has received nearly 27 inches, over 11 inches below normal, ranking it as the 2nd driest January thru October in the past 113 years. The only drier year was 1930 with 24.93 inches.

Temperatures for the 7 day period averaged 62 degrees across the State which was 3 degrees above normal and 12 degrees cooler than the previous week. High temperatures averaged from 76 in the West to 73 in the East. Departure from normal high temperatures ranged from 3 degrees above normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 50 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 2 degrees above normal in the East.

Rainfall for the period totaled 0.10 inches statewide which was 0.56 inches below normal. Precipitation totals by climate division, West 0.09 inches, Central 0.11 inches, Bluegrass 0.04 inches and East 0.16 inches, which was 0.60, 0.55, 0.59 and 0.52 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bardstown to a high of 0.49 inches at Somerset.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 14, 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	0.00	19.98	1.13	-5.32	-1.52	91	36	62.9	+3	90	44
Berea	0.09	17.90	0.42	-8.79	-2.71	90	39	62.5	+4	81	48
Bowling Green	0.41	15.19	0.80	-11.57	-2.30	92	42	63.9	+4	89	42
Bristol	0.15	11.59	0.75	-11.07	-1.94	87	65	75.6	+17	90	41
Buckhorn Lake	0.08	12.66	0.41	-12.77	-2.57	91	40	62.1	+4	82	40
Cape Girardeau	0.11	16.08	2.64	-8.96	-0.38	89	36	61.9	+0	91	41
Campbellsville	0.06	22.36	0.65	-7.73	-2.94	92	37	62.6	+3	90	49
Covington	0.00	10.87	2.11	-12.76	-0.53	91	36	59.6	+1	86	41
Cumberland Gap	0.35	15.53	0.63	-11.79	-2.30	91	40	62.1	+4	91	42
Dix Dam	0.02	15.99	0.15	-10.20	-2.73	91	39	62.4	+4	83	43
Evansville	0.01	13.73	1.02	-9.95	-1.66	92	42	63.3	+1	86	43
Glasgow	0.15	21.77	0.56	-7.03	-2.61	94	37	64.4	+5	91	48
Grayson	0.03	18.10	0.95	-6.34	-1.68	92	37	60.1	+2	90	48
Hardinsburg	0.07	19.27	0.44	-7.28	-2.64	91	40	64.7	+5	93	55
Henderson	0.05	20.26	2.18	-4.32	-0.69	90	40	62.6	+1	86	44
Huntington	0.13	11.10	0.68	-13.47	-1.96	93	36	59.7	+1	90	43
Jackson	0.00	14.85	0.54	-11.64	-2.42	89	40	60.9	+2	79	41
Lexington	0.01	19.14	0.59	-6.16	-2.06	91	37	61.5	+3	88	44
London	0.19	13.98	0.25	-10.62	-2.62	90	38	60.8	+2	87	40
Louisville	0.01	17.97	1.07	-6.77	-1.63	90	40	62.4	+3	80	38
Mayfield	0.10	9.98	0.24	-17.37	-3.24	91	40	62.1	+0	90	49
Nashville	0.01	12.45	1.72	-12.39	-1.05	84	65	75.2	+16	91	44
Nolin Lake	0.03	19.61	0.30	-8.77	-3.10	92	40	64.4	+5	89	45
Paducah	0.13	16.82	1.50	-9.75	-1.58	91	38	63.6	+2	86	42
Princeton	0.12	16.84	0.99	-9.78	-1.94	91	38	64.1	+2	89	42
Quicksand	0.00	14.54	0.54	-11.95	-2.42	91	40	62.1	+4	90	48
Somerset	0.49	16.78	1.07	-11.17	-2.27	90	37	59.9	+1	91	41
Spindletop	0.00	17.81	1.02	-7.49	-1.63	90	36	59.3	+1	92	46
Williamstown	0.09	20.48	3.69	-4.65	+0.85	91	38	60.4	+2	90	48

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.gwax.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 7, 2007

Corn Percent Harvested

Stat	Oct 7 2007	Prev Week	Prev Year	5-Yr Avg
CO	29	14	14	15
IL	76	60	42	45
IN	44	31	18	25
IA	22	13	16	16
KS	69	56	67	68
KY	90	82	65	73
MI	21	12	8	12
MN	25	15	7	10
MO	81	69	82	76
NE	28	17	17	21
NC	94	90	85	83
ND	13	5	15	11
OH	16	9	7	12
PA	30	23	25	36
SD	22	13	15	16
TN	99	97	92	91
TX	91	90	86	84
WI	21	12	9	11
ALL	42	31	27	30
These 18 States harvested 95% of last year's corn acreage.				

Soybeans Percent Harvested

State	Oct 7 2007	Prev Week	Prev Year	5-Yr Avg.
AR	48	36	54	41
IL	68	43	42	49
IN	49	26	16	37
IA	58	35	62	59
KS	28	11	29	32
KY	34	19	18	22
LA	85	65	82	67
MI	21	10	17	32
MN	74	40	56	50
MS	75	65	95	81
MO	31	14	33	28
NE	34	13	44	48
NC	6	3	5	5
ND	61	37	72	60
OH	35	19	14	34
SD	39	13	46	44
TN	42	28	36	29
WI	25	12	20	27
ALL	50	29	43	45
These 18 States harvested 96% of last year's soybean acreage.				

Winter Wheat Percent Planted

State	Oct 7 2007	Prev Week	Prev Year	5-Yr Avg.
AR	11	3	13	10
CA	17	16	5	5
CO	84	68	92	93
ID	67	53	70	67
IL	41	15	30	28
IN	36	12	15	26
KS	56	35	71	68
MI	55	44	29	48
MO	19	9	26	22
MT	82	69	82	85
NE	91	78	89	91
NC	2	1	6	9
OH	39	14	12	32
OK	50	41	62	70
OR	62	55	68	43
SD	88	78	88	86
TX	53	30	66	64
WA	84	69	83	82
ALL	58	42	65	66
These 18 States harvested 92% 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, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.