



**NATIONAL
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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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AGRICULTURAL NEWS: Kentucky experienced a warmer but drier week in which there were 5.9 days suitable for fieldwork out of the possible 7 days. Farm activities last week included cutting, curing and housing of tobacco, and cutting hay. In the western part of the State the corn harvest has begun. **Topsoil moisture** was rated as 5 percent very short, 32 percent short, 62 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 4 percent very short, 25 percent short, 67 percent adequate, and 4 percent surplus.

CORN: The primary concern for corn appears to be ear moisture content in the earliest planted fields. Optimism remains high about yields. The corn condition reported was mostly good to excellent with 1 percent rated poor, 11 percent fair, 45 percent good, and 43 percent excellent. Ninety-two percent of the corn acreage was in the dent stage, the same as reported for the previous year and behind the five year average of 96 percent. Forty-four percent of the corn acreage was considered mature, behind both the 72 percent for the previous year and the five year average of 79 percent. Six percent of the corn acreage was reported harvested compared to last year's 11 percent and the five year average of 25 percent

SOYBEANS: Soybean condition was rated 1 percent very poor, 3 percent poor, 22 percent fair, 40 percent good, and 34 percent excellent. Several reporters noted that rain would be beneficial for double crop yield prospects. As of Sunday, September 13, 18 percent of soybeans were shedding leaves, slightly ahead of last year's 15 percent, but behind the 23 percent for the five year average.

TOBACCO: Tobacco condition is mostly good to excellent with 1 percent rated very poor, 5 percent poor, 13 percent fair, 49 percent good, and 32

percent excellent. Sixty-five percent of burley tobacco has been cut, behind both the 71 percent cut last year, and 73 percent for the five year average. Fifty-five percent of the dark tobacco has been cut, compared to 68 percent last year and the five year average of 66 percent.

OTHER CROPS AND PASTURE: Hay harvest conditions have been excellent the last week due to the hot and generally dry weather. Hay remains in mostly good to excellent condition with 1 percent very poor, 5 percent poor, 22 percent fair, 54 percent good, and 18 percent excellent. Pasture condition was rated as 2 percent very poor, 5 percent poor, 26 percent fair, 50 percent good, and 17 percent excellent.

CROP PROGRESS for week ending 09/13/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Corn Dent	92	82	92	96
Corn Mature	44	30	72	79
Corn Harvested	6	0	11	25
Soybeans Dropping Leaves	18	8	15	23
Burley Tobacco Cut	65	50	71	73
Dark Tobacco Cut	55	46	68	66

SOIL MOISTURE for week ending 09/13/09

	Very Short	Short	Adequate	Surplus
Topsoil	5	32	62	1
Subsoil	4	25	67	4

CROP CONDITIONS for week ending 09/13/09

Crop	Very Poor	Poor	Fair	Good	Ex
Corn	0	1	11	45	43
Soybeans	1	3	22	40	34
Pasture	2	5	26	50	17
Hay Crops	1	5	22	54	18
Tobacco	1	5	13	49	32

KENTUCKY WEATHER SUMMARY, SEPTEMBER 7 - 13, 2009:

Near normal temperatures and below normal rainfall:

Drier conditions dominated most of the Bluegrass state last week after a wet start to the workweek. Seasonal temperatures lasted most of the week but increased slightly toward the end of the workweek. Cooler temperatures returned on Sunday. This was the third week in a row with below normal rainfall.

Temperatures for the period averaged 71 degrees across the state which was near normal and 2 degrees warmer than the previous week. High temperatures averaged from 83 in the West to 78 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 1 degree below normal in the East. Low temperatures averaged from 61 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to near normal in the East.

Rainfall for the period totaled 0.60 inches statewide which was 0.20 inches below normal. Rainfall totals by climate division, West 0.31 inches, Central 0.30 inches, Bluegrass 0.67 inches and East 1.12 inches, which was -0.51, -0.55, -0.10 and +0.34 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Henderson to a high of 2.15 inches at Grayson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 13, 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	28.58	1.44	+6.25	-1.85	84	56	71.4	+2	147	3143	+27
Berea	0.81	19.60	1.85	-3.56	-1.81	80	51	67.9	-0	124	2943	-279
Bowling Green	0.75	31.40	2.91	+8.11	-0.40	86	57	72.9	+4	158	3443	+191
Bristol	1.43	20.69	1.85	+1.05	-1.10	84	53	68.6	+0	129	3042	+48
Buckhorn Lake	1.60	20.28	2.04	-1.81	-1.31	80	54	67.4	-1	120	2890	+62
Cape Girardeau	0.96	16.82	1.63	-4.85	-1.61	86	53	71.5	+0	149	3357	-49
Campbellsville	0.48	25.05	3.35	-0.99	-0.87	81	53	69.6	+0	136	3038	-154
Covington	0.95	23.82	1.11	+3.11	-1.76	82	53	69.4	+1	134	2962	+10
Cumberland Gap	1.64	23.35	2.64	-0.73	-0.79	82	54	69.4	+1	134	3069	+105
Dix Dam	0.36	19.06	0.55	-3.91	-2.81	81	55	69.6	+1	137	2981	-179
Evansville	0.68	25.80	3.92	+5.10	+1.13	85	57	72.4	+1	156	3310	+57
Glasgow	0.61	27.01	1.64	+1.77	-2.00	87	57	72.9	+4	159	3385	+223
Grayson	2.15	22.02	2.83	+0.49	-0.18	78	52	67.4	-1	122	2847	+49
Hardinsburg	0.18	29.40	2.06	+6.30	-1.35	83	58	71.6	+2	150	3155	-110
Henderson	0.00	20.71	1.93	-0.65	-1.10	84	55	71.1	-0	146	3143	-140
Huntington	0.26	24.83	0.77	+3.19	-2.35	80	54	68.6	+0	128	3004	+22
Jackson	1.06	31.18	1.98	+7.99	-1.49	80	57	68.3	+0	126	3016	+188
Lexington	0.77	28.89	3.37	+6.56	+0.08	82	55	70.1	+2	140	3071	+76
London	0.71	28.56	2.56	+7.18	-0.55	82	55	69.1	+1	133	3120	+169
Louisville	0.15	30.50	0.83	+8.77	-2.25	85	58	73.1	+4	160	3338	+54
Mayfield	0.00	18.77	2.29	-4.70	-1.28	85	58	72.8	+2	157	3251	-75
Nashville	0.02	25.37	1.28	+3.64	-1.87	87	61	74.9	+6	172	3575	+82
Nolin Lake	0.06	27.87	1.98	+3.31	-1.66	82	55	70.4	+1	140	3114	+89
Paducah	0.22	28.54	3.66	+5.41	+0.44	86	57	73.4	+2	163	3482	+107
Princeton	0.00	30.06	1.65	+6.71	-1.73	85	58	72.6	+1	156	3335	-22
Quicksand	0.67	23.78	1.34	+0.59	-2.13	81	55	69.1	+1	132	3018	+190
Somerset	0.91	22.15	1.94	-2.05	-1.69	82	53	69.6	+1	135	2995	-60
Spindletop	1.08	27.29	3.54	+4.96	+0.25	82	55	69.4	+1	134	3012	+17
Williamstown	0.07	28.95	1.71	+6.98	-1.48	81	53	68.4	+0	127	2870	-125

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/>