



**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

**DAVID KNOPF, Director**

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**Agricultural News:** Kentucky experienced exceptionally dry conditions again last week. Precipitation for the week totaled 0.22 inches, 0.62 in below normal. Temperature for the week averaged 70 degrees, near normal. **Topsoil moisture** was rated 5 percent very short, 28 percent short, 62 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 2 percent very short, 23 percent short, 68 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven. Primary activities this week included harvesting tobacco and beginning to harvest corn.

**Crops:** As of Sunday, September 15, 97 percent of **corn** had reached the dough stage, compared to 100 percent last year and the five-year average of 99 percent. Eighty-nine percent of corn reached the dent stage, compared to 99 percent last year and the five-year average of 94 percent. Sixty-three percent of corn reached the mature stage, compared with 92 percent last year and the five-year average of 75 percent. Fourteen percent of corn has been harvested, compared to 58 percent last year and the five-year average of 33 percent. Condition of the corn crop was rated as 1 percent very poor, 1 percent poor, 7 percent fair, 43 percent good, and 48 percent excellent. Producers who have started harvesting corn reported very good crop conditions and yields. **Soybean** setting pods reached 95 percent, compared with 100 percent last year and the five-year average of 100 percent. Fifteen percent of soybeans were reported to be dropping leaves, compared to 47 percent last year and the five-year average of 36 percent. Condition of the soybean crop was rated 1 percent very poor, 2 percent poor, 12 percent fair, 52 percent good, and 33 percent excellent. While soybean conditions have been improving, there were a few reports of soybean sudden death syndrome in some areas.

**Tobacco:** Sixty-two percent of burley tobacco has been cut, compared to 59 percent last year and 68 percent for the five-year average. Sixty-six percent of dark tobacco was cut, compared to 67 percent last year and the five-year average of 67 percent. Condition of housed tobacco was rated at 5 percent poor, 21 percent fair, 66 percent good, and 8 percent excellent. Nine percent of housed tobacco showed signs of houseburn.

**Other:** Pasture condition was reported as 2 percent very poor, 6 percent poor, 25 percent fair, 50 percent good, and 17 percent excellent. Pasture conditions are continuing to deteriorate due to the lack of rain.

**CROP PROGRESS for week ending 09/15/13**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Dough	97	92	100	99
Corn Dent	89	79	99	94
Corn Mature	63	42	92	75
Corn Harvested	14	5	58	33
Soybeans Setting Pods	95	90	100	100
Soybeans Dropping Leaves	15	6	47	36
Burley Tobacco Cut	66	53	67	67
Dark Tobacco Cut	62	54	59	68

**SOIL MOISTURE for week ending 09/15/13**

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	5	28	62	5
Subsoil	2	23	68	7

**CROP CONDITIONS for week ending 09/15/13**

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	1	7	43	48
Soybeans	1	2	12	52	33
Pasture	2	6	25	50	17
Tobacco Housed	-	5	21	66	8

# KENTUCKY WEATHER SUMMARY, SEPTEMBER 10 - 16, 2012:

Above Normal Temperatures and Below Normal Rainfall:

The dry trend continued across the lower Ohio Valley as Kentucky remained below normal for the second straight week by a half inch. The period started off with isolated to widely scattered showers and storms in place as weak disturbances passed through the Commonwealth. This activity was accompanied by an unusually warm and humid air mass for this time of the year. Highs in the upper 80s to low 90s with dewpoints in the upper 60s to low 70s put the livestock heat stress index back into the danger category. A cold front then pushed through the area on Thursday. This brought the first autumn-like air mass of the season with much drier conditions present through the remainder of the week, in addition to very cool temperatures. Breezy northerly flow only allowed for highs in the upper 60s to low 70s Friday and Saturday. Some even awoke to temperatures in the low 40s Saturday morning.

Temperatures for the period averaged 70 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 80 in the West to 79 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 3 degrees cooler than 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 2 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at MORGANFIELD 4E and the extreme low was 41 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.22 inches statewide which was 0.62 inches below normal and 26% of normal. Precipitation totals by climate division, West 0.18 inches, Central 0.38 inches, Bluegrass 0.06 inches and East 0.24 inches, which was 0.67, 0.55, 0.7 and 0.57 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 2.66 inches at BOWLING GREEN APT.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 16, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Growing Degree Days			
	Last Week	Since April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Wkly. Avg.	Dev. From Norm	Last Week	Since Dev.	
											Last Week	Since Apr 1
	(Inches)			(Degrees F)								
Bardstown	0.01	26.16	3.17	+3.62	-0.08	89	46	71	+2	150	3248	-4
Berea	0.33	28.01	1.44	+4.58	-2.23	88	43	68	0	124	3037	-285
Bowling Green	2.66	33.41	4.57	+9.87	+1.24	92	48	73	+4	160	3650	+270
Bristol	0.38	30.16	1.15	+10.30	-1.81	90	47	71	+3	145	3076	-28
Buckhorn Lake	0.21	25.49	1.52	+3.16	-1.84	88	43	70	+2	138	3092	+137
Cape Girardeau	0.00	20.40	0.00	-1.50	-3.25	94	47	74	+3	168	3540	+24
Campbellsville	0.12	29.46	2.75	+3.11	-1.49	88	46	69	0	134	3128	-170
Covington	0.10	23.63	1.76	+2.73	-1.08	92	48	72	+4	150	3258	+208
Cumberland Gap	0.02	32.02	2.43	+7.73	-0.93	87	49	70	+2	138	3170	+90
Dix Dam	0.00	33.84	1.65	+10.64	-1.69	90	49	70	+2	144	3150	-104
Evansville	0.02	22.16	2.00	+1.27	-0.79	95	47	74	+3	165	3550	+194
Glasgow	0.14	29.83	1.13	+4.33	-2.51	90	49	71	+2	147	3336	+50
Grayson	0.00	24.38	2.92	+2.67	-0.03	88	45	68	0	130	3007	+93
Hardinsburg	0.00	23.47	1.11	+0.13	-2.30	93	43	70	+1	144	3294	-104
Henderson	0.00	20.93	1.21	-0.66	-1.85	95	44	73	+2	158	3429	+9
Huntington	0.53	23.51	3.16	+1.68	+0.11	90	45	71	+3	149	3295	+179
Jackson	0.39	31.29	2.99	+7.87	-0.45	88	48	71	+3	147	3182	+227
Lexington	0.14	32.03	2.30	+9.49	-0.95	90	47	72	+4	156	3357	+197
London	0.15	29.79	1.42	+8.18	-1.71	89	48	72	+4	153	3168	+54
Louisville	0.09	21.02	1.58	-0.92	-1.48	93	50	74	+5	170	3739	+375
Mayfield	0.41	35.35	1.32	+11.62	-2.27	90	45	72	+1	154	3447	+21
Nashville	1.87	25.50	2.94	+3.55	-0.22	94	52	75	+6	175	3762	+151
Nolin Lake	0.11	27.42	0.79	+2.58	-2.89	94	46	74	+5	168	3590	+461
Paducah	0.04	25.26	0.26	+1.88	-2.99	94	48	76	+5	180	3573	+91
Princeton	0.00	29.35	2.51	+5.78	-0.84	90	47	71	0	150	3388	-94
Quicksand	0.83	25.93	2.65	+2.51	-0.79	88	43	69	+1	135	3136	+181
Somerset	0.01	26.50	2.29	+2.03	-1.35	87	45	69	+1	130	3073	-77
Spindletop	0.47	30.60	2.49	+8.06	-0.76	88	45	69	+1	133	2990	-170
Williamstown	0.00	27.30	1.98	+5.12	-1.18	89	45	69	+1	136	3074	-20

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/>