



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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**Agricultural News:** Kentucky experienced exceptionally dry conditions last week. Precipitation for the week totaled 0.17 inches, 0.6 in below normal. Temperature for the week averaged 72 degrees, 1 degree cooler than normal. **Topsoil moisture** was rated 3 percent very short, 20 percent short, 70 percent adequate and 7 percent surplus. **Subsoil moisture** was rated 2 percent very short, 15 percent short, 75 percent adequate, and 8 percent surplus. Days suitable for fieldwork averaged 6.1 out of a possible seven. Primary activities this week included harvesting tobacco, cutting and baling hay, and preparing for grain harvest.

**Crops:** As of Sunday, September 8, 92 percent of **corn** had reached the dough stage, compared to 100 percent last year and the five-year average of 97 percent. Seventy-nine percent of corn reached the dent stage, compared to 96 percent last year and the five-year average of 88 percent. Forty-two percent of corn reached the mature stage, compared with 85 percent last year and the five-year average of 62 percent. Five percent of corn has been harvested, compared to 46 percent last year and the five-year average of 22 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 11 percent fair, 40 percent good, and 46 percent excellent. Some producers reported the corn crop is looking very good and that they expect high yields. **Soybean** setting pods reached 90 percent, compared with 99 percent last year and the five-year average of 97 percent. Six percent of soybeans were reported to be dropping leaves, compared to 34 percent last year and the five-year average of 22 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.

**Tobacco:** Ninety percent of Burley tobacco was topped, compared to 96 percent last year and the five-year average of 99 percent. Fifty-four percent of

burley tobacco has been cut, compared to 48 percent last year and 56 percent for the five-year average. Fifty-three percent of dark tobacco was cut, compared to 49 percent last year and the five-year average of 55 percent. Condition of set tobacco was rated as 3 percent very poor, 9 percent poor, 24 percent fair, 47 percent good, and 17 percent excellent. Condition of housed tobacco was rated at 1 percent very poor, 4 percent poor, 19 percent fair, 65 percent good, and 11 percent excellent.

**Other:** Pasture condition was reported as 1 percent very poor, 5 percent poor, 20 percent fair, 53 percent good, and 21 percent excellent. Many farmers were busy cutting and baling hay. Wet conditions this year have been challenging for hay growers.

**CROP PROGRESS for week ending 09/08/13**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dough	92	85	100	97
Corn Dent	79	66	96	88
Corn Mature	42	22	85	62
Corn Harvested	5	1	46	22
Soybeans Setting Pods	90	80	99	97
Soybeans Dropping Leaves	6	2	34	22
Dark Tobacco Cut	53	35	49	55
Burley Tobacco Topped	90	82	96	99
Burley Tobacco Cut	54	41	48	56

**SOIL MOISTURE for week ending 09/08/13**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	3	20	70	7
Subsoil	2	15	75	8

**CROP CONDITIONS for week ending 09/08/13**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	11	40	46
Soybeans	1	2	12	52	33
Pasture	1	5	20	53	21
Tobacco Set	3	9	24	47	17
Tobacco Housed	1	4	19	65	11

# KENTUCKY WEATHER SUMMARY, SEPTEMBER 2 - 8, 2013:

Below Normal Temperatures and Rainfall:

Exceptionally dry conditions overtook Kentucky this past week as the state ended over a half inch below normal. While it was dry, it has to be taken into account that September and October are the state's driest months of the year. A cold front on Monday brought the only significant rainfall for the period. Most locations only received less than a quarter inch. Much drier and cooler air then filtered into the Ohio Valley by Tuesday with high pressure of Canadian origin sticking around for the remainder of the work week. Highs hovered in the 80s with lows dropping into mainly the mid 50s to low 60s. Patchy fog was evident just about each morning as skies cleared and winds became calm through the overnight. As high pressure moved off to the mid-Atlantic coast by Saturday, winds shifted to the southwest and ushered in a bit warmer air for the weekend. The week then closed with a weak front dropping south from the Great Lakes on Sunday with only light, isolated showers and storms.

Temperatures for the period averaged 72 degrees across the state which was 1 degree cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 62 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 91 degrees at LOUISVILLE APT and the extreme low was 49 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.17 inches statewide which was 0.6 inches below normal and 22% of normal. Precipitation totals by climate division, West 0.07 inches, Central 0.23 inches, Bluegrass 0.11 inches and East 0.28 inches, which was 0.65, 0.62, 0.62 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 1.81 inches at BARBOURVILLE 3E.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 8, 7:00 P.M.

Weather Station	Rainfall			Dev. From Norm		Air Temperature			Growing Degree Days			
	Since Last Week	Last April 1	Four Wks.	Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Avg.	From Norm	Last Week	Since Apr 1	
	(Inches)	(Inches)	(Inches)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	
Bardstown	0.00	26.15	4.79	+4.36	+1.40	86	56	73	+3	161	3098	-24
Berea	0.02	27.68	1.96	+5.18	-1.68	85	51	70	0	138	2914	-274
Bowling Green	0.00	30.75	3.85	+8.08	+0.59	88	58	74	+4	172	3490	+246
Bristol	0.10	29.78	3.44	+10.68	+0.53	85	54	71	+1	150	2930	-46
Buckhorn Lake	0.48	25.28	3.15	+3.80	-0.18	82	55	70	0	141	2954	+120
Cape Girardeau	0.00	20.40	0.00	-0.67	-3.20	89	54	73	+1	162	3372	-6
Campbellville	0.00	29.34	3.64	+4.07	-0.55	86	54	72	+2	150	2994	-169
Covington	0.00	23.53	1.66	+3.30	-1.27	88	54	72	+2	152	3107	+181
Cumberland Gap	1.81	32.00	3.85	+8.43	+0.24	85	58	73	+3	158	3031	+78
Dix Dam	0.02	33.84	1.95	+11.44	-1.48	86	53	72	+2	150	3007	-113
Evansville	0.01	22.14	2.79	+1.94	-0.01	89	57	75	+3	172	3384	+162
Glasgow	0.00	29.69	2.54	+5.10	-1.10	88	56	73	+3	162	3188	+38
Grayson	0.33	24.38	3.61	+3.31	+0.46	85	51	70	0	138	2878	+84
Hardinsburg	0.01	23.47	2.30	+0.98	-1.11	88	55	73	+3	159	3150	-107
Henderson	0.00	20.93	1.88	+0.15	-1.09	89	55	74	+2	168	3270	-12
Huntington	0.00	22.98	3.05	+1.80	-0.24	88	51	71	+1	146	3146	+155
Jackson	0.02	30.90	6.33	+8.30	+2.80	85	56	72	+2	152	3034	+200
Lexington	0.00	31.89	3.48	+10.10	+0.09	89	54	73	+3	158	3202	+171
London	0.42	29.64	3.27	+8.84	+0.21	87	55	73	+3	161	3014	+26
Louisville	0.42	20.93	2.44	-0.27	-0.69	91	61	77	+7	186	3569	+341
Mayfield	0.00	34.94	3.77	+12.13	+0.24	89	57	74	+2	166	3294	+9
Nashville	0.13	23.63	1.18	+2.47	-1.96	92	60	77	+7	188	3587	+124
Nolin Lake	0.00	27.31	2.39	+3.45	-1.15	92	57	75	+5	174	3422	+422
Paducah	0.01	25.22	2.07	+2.71	-1.07	91	56	75	+3	178	3394	+52
Princeton	0.07	29.35	4.61	+6.55	+1.13	90	58	74	+2	168	3238	-101
Quicksand	0.02	25.10	3.46	+2.50	-0.07	85	55	71	+1	148	3001	+167
Somerset	0.02	26.49	3.19	+2.95	-0.41	85	54	71	+1	148	2942	-82
Spindletop	0.10	30.13	3.33	+8.34	-0.06	86	53	70	0	140	2858	-173
Williamstown	0.02	27.30	2.21	+5.86	-1.05	86	53	71	+1	144	2938	-29

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/>