



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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**AGRICULTURAL NEWS:** July ended with rain throughout the State and with below average temperatures. Most fieldwork for the week consisted of spraying crops, harvesting hay, topping tobacco, and preparing for future harvest. Rain has been beneficial for most farmers, except for those with fields in low-lying areas. **Topsoil moisture** was rated as 1 percent short, 73 percent adequate, and 26 percent surplus. **Subsoil moisture** was rated as 6 percent short, 75 percent adequate, and 19 percent surplus. There were 3.2 days out of 7 that were suitable for fieldwork.

**TOBACCO:** As of Sunday August 2, the condition of the tobacco crop was rated as 2 percent very poor, 4 percent poor, 17 percent fair, 51 percent good and 26 percent excellent. Some fields may be affected by surplus rain, but most of the tobacco has progressed well. Three-quarters of the dark tobacco has reached the blooming stage, same as last year and faster than the five year average of 61 percent. Fifty-three percent was topped, compared to 52 percent a year ago and 67 percent for the average. Burley is ahead of last year with 58 percent blooming or better. It was 44 percent in 2008 with an average of 56 percent. Thirty-seven percent of the burley has been topped. One-third was the average, but last year only one-fifth had been topped.

**CORN:** Reports have been very positive about the corn crop. Conditions were rated 2 percent poor, 9 percent fair, 49 percent good, and 40 percent excellent. Eighty-seven percent of the corn had silked, which was behind last year's 89 percent and 94 for the average. Fifty-one percent of the corn had reached the milk stage, compared to 55 percent a year ago and 67 percent for the average. Twenty-six percent had reached the dough stage. In 2008 it was 29 percent with an average of 41 percent. One-tenth of the corn has reached the dent stage, which was in between the 6 percent last year and the average of 18 percent.

**SOYBEANS:** Single and double-cropped soybeans have progressed well for the most part. Soybean condition was rated 1 percent poor, 15 percent fair,

48 percent good, and 36 percent excellent. Sixty-four percent of the crop has bloomed, compared to 62 percent last year and 69 percent for the average. Thirty percent of the soybeans have set pods, ahead of the 22 percent a year ago, and the five year average of 42 percent.

**OTHER CROPS AND PASTURE:** The wet July was great for pastures and hay production, but brought less than ideal conditions for cutting and storing the hay. Pasture conditions were rated as 1 percent very poor, 3 percent poor, 16 percent fair, 56 percent good, and 24 percent excellent. Hay condition was reported as 1 percent very poor, 3 percent poor, 15 percent fair, 59 percent good, and 22 percent excellent.

**CROP PROGRESS for week ending 08/02/09**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Silking	87	71	89	94
Corn Milked	51	30	55	67
Corn Dough	26	9	29	41
Corn Dent	10	NA	6	18
Soybeans Blooming	64	50	62	69
Soybeans Setting Pods	30	16	22	42
Burley Tobacco Blooming	58	38	44	56
Burley Tobacco Topped	37	21	20	33
Dark Tobacco Blooming	75	60	75	61
Dark Tobacco Topped	53	36	52	67

**SOIL MOISTURE for week ending 08/02/09**

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	1	73	26
Subsoil	0	6	75	19

**CROP CONDITIONS for week ending 08/02/09**

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	2	9	49	40
Soybeans	0	1	15	48	36
Pasture	1	3	16	56	24
Hay Crops	1	3	15	59	22
Tobacco	2	4	17	51	26

# **KENTUCKY WEATHER SUMMARY, JULY 27 – AUGUST 2, 2009:**

## **Below Normal Temperatures and Above Normal Rainfall:**

Heavy rain occurred across the Bluegrass state last week which continued the wet, cool weather pattern of the past several weeks. Tuesday and Sunday were the drier days of last week. Rainfall totals of 1 to 3 inches were common with localized totals of 4 to 6 inches received, especially in northern counties and along the Ohio River.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees below normal and 4 degrees warmer than the previous week. High temperatures averaged from 82 in the West to 81 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 65 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 2.14 inches statewide which was 1.15 inches above normal. rainfall totals by climate division, West 1.47 inches, Central 2.36 inches, Bluegrass 2.55 inches and East 2.18 inches, which was 0.58, 1.33, 1.54 and 1.12 inches respectively above normal. By station, rainfall totals ranged from a low of 0.35 inches at Nashville to a high of 3.67 inches at Williamstown.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 2, 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	1.92	26.69	5.04	+9.43	+0.59	84	61	73.6	-2	163	2215	+0
Berea	1.17	16.55	2.23	-1.15	-1.73	83	60	72.9	-2	158	2100	-179
Bowling Green	2.51	27.50	7.65	+9.10	+3.45	87	65	76.1	+0	180	2435	+126
Bristol	2.93	17.74	7.13	+2.48	+3.30	85	60	73.3	-2	161	2126	+33
Buckhorn Lake	2.68	17.05	4.38	-0.04	+0.09	81	59	72.4	-3	155	2057	+59
Cape Girardeau	0.38	15.11	1.94	-1.75	-1.25	88	60	75.1	-3	172	2410	-24
Campbellsville	2.95	21.14	4.71	+1.39	-0.09	83	62	73.4	-3	162	2143	-106
Covington	2.03	21.00	4.96	+4.67	+1.19	83	57	71.8	-3	151	2069	+5
Cumberland Gap	0.79	18.12	3.52	-0.58	-1.18	84	64	74.9	-0	172	2151	+88
Dix Dam	2.22	18.07	3.24	+0.23	-1.17	83	63	73.7	-1	165	2085	-132
Evansville	0.75	20.61	4.73	+4.11	+1.14	84	60	73.3	-4	161	2341	+31
Glasgow	1.58	25.16	4.81	+5.38	+0.10	88	62	76.6	+1	182	2385	+166
Grayson	2.28	17.91	3.37	+1.08	-0.95	82	59	72.6	-3	156	2002	+63
Hardinsburg	1.64	25.15	5.92	+7.17	+1.68	85	60	73.8	-2	165	2192	-117
Henderson	1.62	18.65	3.47	+1.76	-0.16	84	61	73.0	-5	160	2216	-124
Huntington	3.57	22.41	4.56	+5.67	+0.17	84	61	73.5	-2	163	2104	+10
Jackson	3.57	27.02	6.24	+9.11	+1.58	83	62	73.3	-2	161	2119	+121
Lexington	3.58	23.69	7.34	+6.43	+2.89	84	63	73.7	-1	165	2156	+62
London	1.79	24.50	5.05	+7.73	+0.84	84	61	74.8	-0	173	2198	+135
Louisville	3.33	24.35	5.69	+7.30	+1.68	85	65	75.3	-1	175	2325	+13
Mayfield	1.93	15.10	4.31	-3.07	+0.30	85	63	74.4	-3	169	2280	-90
Nashville	0.35	22.29	2.90	+5.28	-0.65	86	61	75.1	-1	173	2521	+55
Nolin Lake	3.20	25.09	5.33	+5.87	+0.85	84	61	73.5	-2	162	2195	+71
Paducah	2.23	22.76	7.59	+4.35	+3.86	88	64	75.2	-2	173	2492	+89
Princeton	1.92	26.91	5.31	+8.75	+1.45	86	63	74.2	-3	168	2373	+1
Quicksand	1.69	21.01	3.84	+3.10	-0.82	84	63	74.4	-1	170	2121	+123
Somerset	1.07	19.86	3.75	+1.06	-0.60	82	59	73.1	-2	161	2111	-43
Spindletop	2.60	20.77	5.11	+3.51	+0.66	84	61	73.3	-2	161	2109	+15
Williamstown	3.67	24.76	5.63	+7.66	+1.59	81	59	71.6	-4	150	2013	-81

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/>