



**NATIONAL  
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STATISTICS  
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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:** Farmers continue to enjoy frequent showers that have created a very unusual July across Kentucky. Most of the crops are in very good condition. Milder weather prevailed again with below normal temperatures reported for the last 4 weeks. **Topsoil moisture** was rated as 4 percent short, 80 percent adequate, and 16 percent surplus. **Subsoil moisture** was rated as 13 percent short, 80 percent adequate, and 7 percent surplus. There were 4.4 days out of 7 that were suitable for fieldwork, which mostly consisted of topping and spraying tobacco.

**CORN:** Rain has been very good for ear development, though the crop progression is still behind last year and the five year average. Seventy-one percent of the corn had silked as of July 26, compared with 80 percent in 2008 and 89 percent for the average. Thirty percent of the corn had reached the milk stage, compared with 41 percent a year ago and 54 percent for the average. Only 9 percent of the crop has reached the dough stage. The average is a quarter of the crop, though last year it was 17 percent. The corn condition was rated 1 percent very poor, 2 percent poor, 10 percent fair, 46 percent good, and 41 percent excellent.

**SOYBEANS:** Half of the crop has bloomed, compared to 45 percent last year and 59 percent for the average. Sixteen percent of the soybeans have set pods, ahead of the 9 percent a year ago, and the five year average of 31 percent. Soybean condition was rated 1 percent very poor, 2 percent poor, 11 percent fair, 43 percent good, and 43 percent excellent. All the pleasant weather this year has made farmers cautiously optimistic about the soybeans. There have been some concerns that the crop might get too wet and rust might be an issue later.

**TOBACCO:** Though topping tobacco was a priority for the week, only 21 percent of the burley and 36 percent of the dark tobacco has been topped. In 2008 it was 14 and 41 percent, with an average of 20 and 45 percent, respectively. Condition of the

tobacco crop was reported as 1 percent very poor, 5 percent poor, 18 percent fair, 49 percent good and 27 percent excellent as of Sunday July 26. Thirty-eight percent of the burley and sixty percent of the dark tobacco was blooming or beyond. Except for a few minor quality issues, all tobacco crops are doing very well.

**OTHER CROPS AND PASTURE:** Abundant rain and lower temperatures have encouraged hay and pasture growth with little stress. Hay condition was reported as 1 percent very poor, 3 percent poor, 17 percent fair, 58 percent good, and 21 percent excellent. Pasture conditions are rated as 1 percent very poor, 3 percent poor, 20 percent fair, 57 percent good, and 19 percent excellent.

**CROP PROGRESS for week ending 07/26/09**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	71	56	80	89
Corn Milked	30	9	41	54
Corn Dough	9	NA	17	25
Soybeans Blooming	50	35	45	59
Soybeans Setting Pods	16	NA	9	31
Burley Tobacco Blooming	38	24	28	41
Burley Tobacco Topped	21	10	14	20
Dark Tobacco Blooming	60	31	67	57
Dark Tobacco Topped	36	19	41	45

**SOIL MOISTURE for week ending 07/26/09**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	4	80	16
Subsoil	0	13	80	7

**CROP CONDITIONS for week ending 07/26/09**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	10	46	41
Soybeans	1	2	11	43	43
Pasture	1	3	20	57	19
Hay Crops	1	3	17	58	21
Tobacco	1	5	18	49	27

## KENTUCKY WEATHER SUMMARY, JULY 20 - 26, 2009:

A wet pattern returned to the Commonwealth as the state received the most rainfall in a weekly period since the beginning of May. Last week was also the 2nd straight week of above normal rainfall. Cool temperatures continued to be the rule as below normal temperatures were reported for the 4th straight week. With the current trend of below normal temperatures, the Bluegrass State is experiencing one of the coolest Julys in the past 100 years.

Temperatures for the period averaged 70 degrees across the state which was 7 degrees below normal. High temperatures averaged from 81 in the West to 80 in the East. Departure from normal high temperatures ranged from 8 degrees below normal in the West to 6 degrees below normal in the East. Low temperatures averaged from 64 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to 4 degrees below normal in the East.

Rainfall for the period totaled 1.95 inches statewide which was 0.98 inches above normal. Rainfall totals by climate division, West 2.11 inches, Central 1.93 inches, Bluegrass 1.99 inches and East 1.80 inches, which was respectively 1.16, 0.99, 1.00 and 0.83 inches above normal. By station, precipitation totals ranged from a low of 0.63 inches at Grayson to a high of 3.28 inches at Paducah.

Tom Priddy

### KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 26, 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	1.65	24.77	3.83	+8.57	-0.61	83	54	71.1	-5	145	2052	+3
Berea	0.78	15.38	1.50	-1.35	-2.47	85	53	70.1	-5	139	1942	-164
Bowling Green	1.78	24.99	6.58	+7.58	+2.33	88	57	73.9	-2	164	2255	+119
Bristol	0.90	14.81	4.81	+0.45	+0.95	87	57	70.3	-5	140	1965	+33
Buckhorn Lake	1.23	14.37	1.94	-1.70	-2.40	84	51	69.1	-6	133	1902	+56
Cape Girardeau	1.23	14.73	1.73	-1.33	-1.47	89	58	73.7	-4	161	2238	-11
Campbellsville	0.98	18.19	2.49	-0.40	-2.29	84	54	70.8	-5	144	1981	-95
Covington	1.68	18.97	3.79	+3.54	-0.02	82	56	69.4	-6	133	1918	+20
Cumberland Gap	1.08	17.33	3.40	-0.24	-1.30	88	55	70.9	-5	144	1979	+77
Dix Dam	0.72	15.85	1.15	-0.94	-3.25	85	53	70.9	-5	144	1920	-129
Evansville	1.13	19.86	4.25	+4.21	+0.63	86	53	70.6	-7	141	2180	+48
Glasgow	1.82	23.58	4.77	+4.92	+0.01	89	57	73.9	-2	163	2203	+157
Grayson	0.63	15.63	1.44	-0.18	-2.89	83	53	70.2	-5	141	1846	+61
Hardinsburg	2.20	23.51	5.18	+6.54	+0.93	84	55	71.4	-5	148	2027	-109
Henderson	1.03	17.03	3.57	+1.00	-0.11	84	55	71.6	-6	150	2056	-106
Huntington	0.74	18.84	3.06	+3.15	-1.32	85	55	71.3	-4	147	1941	+13
Jackson	1.80	23.45	3.61	+6.65	-1.05	86	53	70.8	-5	143	1958	+112
Lexington	3.12	20.11	4.09	+3.91	-0.35	84	54	71.1	-4	146	1991	+63
London	1.99	22.71	3.47	+6.92	-0.76	88	54	71.2	-4	146	2025	+123
Louisville	1.43	21.02	2.70	+4.93	-1.31	84	58	72.4	-4	155	2150	+18
Mayfield	1.29	13.17	3.78	-4.03	-0.21	86	57	73.0	-5	159	2111	-86
Nashville	1.03	21.94	4.94	+5.79	+1.37	90	58	74.0	-2	164	2348	+69
Nolin Lake	1.83	21.89	2.87	+3.72	-1.63	83	55	71.2	-5	147	2033	+70
Paducah	3.28	20.53	6.92	+3.02	+3.14	88	60	73.9	-4	164	2319	+96
Princeton	1.76	24.99	5.53	+7.78	+1.68	85	54	72.9	-5	159	2205	+13
Quicksand	1.77	19.32	2.33	+2.52	-2.33	87	55	71.1	-4	145	1951	+105
Somerset	2.11	18.79	3.06	+1.03	-1.32	85	53	70.1	-5	140	1950	-43
Spindletop	1.94	18.17	3.23	+1.97	-1.21	83	54	70.5	-5	141	1948	+20
Williamstown	1.77	21.09	2.48	+4.96	-1.57	81	53	69.3	-6	133	1863	-65

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/>