



**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: The Commonwealth received above normal rainfall for the first time in 3 weeks; however, not all of the State experienced high weekly rainfall totals. The cool trend for summer continued as below normal temperature values were reported for the third straight week. The main fieldwork this past week consisted of tobacco topping and soybean spraying. **Topsoil moisture** was rated as 1 percent very short, 12 percent short, 80 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated as 2 percent very short, 11 percent short, 80 percent adequate, and 7 percent surplus. There were 5.2 days, out of a possible 7, suitable for fieldwork.

CORN: The corn continues to look good. As of July 19, fifty-six percent of the corn was silking compared to the 65 percent last year and 80 percent for the five year average. Corn milking was reported at 9 percent, compared to last year's 23 percent and the five year average of 39 percent. The corn condition was rated 1 percent very poor, 4 percent poor, 17 percent fair, 53 percent good, and 25 percent excellent.

SOYBEANS: Farmers report soybeans continue to look good and are optimistic about the crop prospects if they continue to receive timely rain. Soybean blooming was reported at 35 percent, compared to last year's 27 percent and the five year average of 47 percent. Soybean condition was rated 3 percent poor, 17 percent fair, 53 percent good, and 27 percent excellent.

TOBACCO: As of Sunday July 19, the tobacco crop condition was reported as 1 percent very poor, 3 percent poor, 21 percent fair, 53 percent good and 22 percent excellent. Twenty-four

percent of the burley tobacco was blooming or beyond, and 10 percent has been topped. Thirty-one percent of the dark tobacco was blooming or beyond, and 19 percent has been topped. Farmers are still reporting worms on tobacco and some are reporting black shank in their tobacco fields.

OTHER CROPS AND PASTURE: Hay harvesting is continuing to hold with the cooler than normal temperatures. Hay condition was reported as 3 percent poor, 17 percent fair, 61 percent good, and 19 percent excellent. Pasture conditions are rated as 1 percent very poor, 3 percent poor, 22 percent fair, 56 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 07/19/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	56	37	65	80
Corn Milked	9	NA	23	39
Soybeans Blooming	35	18	27	47
Burley Tobacco Blooming	24	NA	12	25
Burley Tobacco Topped	10	NA	4	10
Dark Tobacco Blooming	31	NA	46	39
Dark Tobacco Topped	19	NA	26	24

SOIL MOISTURE for week ending 07/19/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	12	80	7
Subsoil	2	11	80	7

CROP CONDITIONS for week ending 07/19/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	4	17	53	25
Soybeans	0	3	17	53	27
Pasture	1	3	22	56	18
Hay Crops	0	3	17	61	19
Tobacco Set	1	3	21	53	22

KENTUCKY WEATHER SUMMARY, JULY 13 - 19, 2009:

Above normal rainfall and below normal temperatures:

The Commonwealth received above normal rainfall for the 1st time in 3 weeks, however, not all of the state experienced high weekly rainfall totals. Southern and western portions of the state received abundant rainfall, while showers in the north and east were few and far between. The cool trend for Summer continued as below normal temperature values were reported for the 3rd straight week.

Temperatures for the period averaged 72 degrees across the state which was 5 degrees below normal. High temperatures averaged from 82 in the West to 79 in the East. Departure from normal high temperatures ranged from 8 degrees below normal in the West to 7 degrees below normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 3 degrees below normal in the East.

Rainfall for the period totaled 1.06 inches statewide which was 0.15 inches above normal. Rainfall totals by climate division, West 1.46 inches, Central 1.63 inches, Bluegrass 0.57 inches and East 0.68 inches, which was respectively 0.74 inches above normal, 0.56 inches above normal, 0.43 inches below normal and 0.21 inches below normal. By station, rainfall totals ranged from a low of 0.00 inches at Nolin Lake to a high of 2.82 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 19, 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	1.45	23.12	5.28	+8.05	+1.12	85	52	71.1	-5	145	1907	+26
Berea	0.26	14.60	1.12	-1.13	-2.77	85	50	70.1	-5	138	1803	-128
Bowling Green	2.82	23.21	6.20	+6.87	+2.04	88	54	73.1	-3	158	2091	+130
Bristol	2.45	13.91	4.02	+0.52	+0.31	85	54	71.6	-4	149	1825	+54
Buckhorn Lake	0.34	13.14	2.84	-1.84	-1.37	81	50	68.4	-7	127	1769	+77
Cape Girardeau	0.20	13.50	0.95	-1.76	-2.26	91	54	74.4	-4	165	2077	+17
Campbellsville	0.78	17.21	1.85	-0.17	-2.69	84	54	70.1	-6	139	1837	-64
Covington	0.05	17.29	5.39	+2.82	+1.64	84	53	70.1	-5	139	1785	+55
Cumberland Gap	1.02	16.25	2.42	-0.13	-2.09	85	54	71.1	-4	146	1835	+94
Dix Dam	0.24	15.13	0.78	-0.54	-3.36	84	53	70.2	-5	140	1776	-105
Evansville	2.28	18.73	3.17	+3.99	-0.35	87	59	73.5	-5	163	2039	+89
Glasgow	1.41	21.76	3.71	+4.30	-0.92	88	52	73.2	-3	160	2040	+169
Grayson	0.14	15.00	1.61	+0.29	-2.52	84	53	69.0	-6	131	1705	+74
Hardinsburg	1.60	21.31	3.92	+5.42	-0.14	88	52	71.3	-5	146	1879	-82
Henderson	0.15	16.00	2.76	+0.89	-0.88	86	56	71.6	-6	149	1906	-74
Huntington	0.13	18.10	3.26	+3.52	-0.87	85	52	70.3	-5	141	1794	+34
Jackson	0.33	21.65	3.83	+6.03	-0.53	83	54	69.8	-6	137	1815	+123
Lexington	0.41	16.99	2.31	+1.92	-1.85	86	54	71.1	-4	146	1845	+85
London	0.98	20.72	2.67	+6.00	-1.33	85	54	71.7	-4	150	1879	+138
Louisville	0.92	19.59	3.77	+4.52	-0.03	85	56	72.6	-4	156	1995	+45
Mayfield	0.95	11.88	2.49	-4.30	-1.27	90	59	73.1	-5	158	1952	-70
Nashville	1.11	20.91	4.23	+5.66	+0.73	92	57	75.1	-1	171	2184	+94
Nolin Lake	0.00	20.06	2.13	+3.03	-2.14	84	51	70.2	-6	140	1886	+84
Paducah	0.84	17.25	3.68	+0.68	-0.10	92	58	74.3	-4	165	2155	+114
Princeton	0.68	23.23	3.80	+6.99	+0.02	87	53	72.6	-5	155	2046	+36
Quicksand	0.29	17.55	1.04	+1.93	-3.32	83	54	70.4	-5	141	1806	+114
Somerset	0.57	16.68	1.52	+0.02	-2.75	84	53	69.7	-6	136	1810	-22
Spindletop	0.45	16.23	3.29	+1.16	-0.87	84	54	70.4	-5	141	1807	+47
Williamstown	0.07	19.32	1.69	+4.21	-2.22	82	53	69.7	-6	137	1730	-30

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/>