



**NATIONAL
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USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Temperatures continued to be mild as below normal values were reported for the second straight week. The main fieldwork this past week consisted of hay cutting, crop spraying, and harvesting alfalfa. **Topsoil moisture** was rated as 2 percent very short, 14 percent short, 75 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated as 1 percent very short, 12 percent short, 76 percent adequate, and 11 percent surplus. There were 5.7 days, out of a possible 7, suitable for fieldwork.

CORN: The corn continues to look good. As of July 12, thirty-seven percent of the corn was silking compared to the 40 percent last year and 68 percent for the five year average. The corn condition was rated 1 percent very poor, 3 percent poor, 19 percent fair, 58 percent good, and 19 percent excellent.

SOYBEANS: The majority of the single and double crop soybeans look good. Soybeans blooming was reported at 18 percent, compared to last year's 14 percent and the five year average of 32 percent. Soybean condition was rated 1 percent very poor, 2 percent poor, 18 percent fair, 57 percent good, and 22 percent excellent.

TOBACCO: Most tobacco is looking good; however, some farmers are reporting worms on tobacco. As of Sunday July 12, the tobacco crop condition was reported as 1 percent very poor, 3 percent poor, 23 percent fair, 51 percent

good and 22 percent excellent. Twenty-five percent of set tobacco was under 12 inches high, 40 percent between 12 and 24 inches, and 35 percent was over 24 inches high.

OTHER CROPS AND PASTURE: As of July 12, 97 percent of the wheat had been harvested, ahead of last year's 91 percent, and the five year average of 93 percent. Hay harvesting is well under way. Cooler weather continues to aid in pastures holding up well. Pasture conditions are rated as 1 percent very poor, 4 percent poor, 25 percent fair, 51 percent good, and 19 percent excellent.

CROP PROGRESS for week ending 07/12/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	37	24	40	68
Soybeans Blooming	18	6	14	32
Wheat Harvested	97	92	99	98

SOIL MOISTURE for week ending 07/12/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	2	14	75	9
Subsoil	1	12	76	11

CROP CONDITIONS for week ending 07/12/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	3	19	58	19
Soybeans	1	2	18	57	22
Pasture	1	4	25	51	19
Hay Crops	1	3	17	58	21
Tobacco	1	3	23	51	22

KENTUCKY WEATHER SUMMARY, JULY 6 - 12, 2009:

Below normal temperatures and rainfall:

High pressure built in over the Commonwealth during the work week keeping the state relatively dry until the weekend. A frontal boundary did move through the region Saturday and Sunday and caused scattered showers and thunderstorms; however, not much rainfall was received in much of the state, and this led to below normal rainfall for the 2nd straight week. Temperatures also continued to be mild as below normal values were reported for the 2nd straight week as well.

Temperatures for the period averaged 74 degrees across the state which was 3 degrees below normal. High temperatures averaged from 87 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 3 degrees below normal in the East. Low temperatures averaged from 67 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to 2 degrees below normal in the East.

Rainfall for the period totaled 0.35 inches statewide which was 0.71 inches below normal. Rainfall totals by climate division, West 0.62 inches, Central 0.22 inches, Bluegrass 0.29 inches and East 0.26 inches, which was 0.31, 0.88, 0.77 and 0.87 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Campbellsville to a high of 1.24 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 12, 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	0.02	21.67	6.13	+7.72	+2.24	87	59	74.7	-1	169	1762	+49
Berea	0.02	14.34	1.58	-0.39	-2.24	85	58	73.3	-2	161	1665	-91
Bowling Green	0.54	20.39	3.95	+5.13	-0.11	90	64	77.5	+1	185	1933	+147
Bristol	0.85	11.46	3.18	-0.95	-0.38	86	55	73.3	-2	161	1676	+66
Buckhorn Lake	0.13	12.80	3.96	-1.08	-0.13	83	54	71.6	-4	148	1642	+104
Cape Girardeau	0.13	13.30	1.51	-1.16	-1.71	93	60	77.5	-0	183	1912	+41
Campbellsville	0.00	16.43	1.34	+0.26	-2.96	87	60	75.3	-1	175	1698	-28
Covington	1.20	17.24	6.51	+3.73	+2.82	85	57	73.0	-2	159	1646	+84
Cumberland Gap	0.63	15.23	4.06	+0.04	-0.25	86	59	73.6	-2	164	1689	+109
Dix Dam	0.06	14.89	1.43	+0.34	-2.45	87	60	74.5	-1	168	1636	-77
Evansville	0.57	16.45	1.45	+2.63	-1.98	91	60	77.5	-0	183	1876	+108
Glasgow	0.00	20.35	2.99	+4.08	-1.52	91	61	77.8	+2	182	1880	+184
Grayson	0.32	14.86	1.64	+1.25	-2.29	83	56	71.1	-4	146	1574	+97
Hardinsburg	0.48	19.71	4.62	+4.89	+0.75	87	61	75.6	-0	175	1733	-53
Henderson	0.67	15.85	2.74	+1.67	-0.86	88	62	75.1	-3	173	1757	-41
Huntington	0.12	17.97	3.71	+4.50	-0.17	84	57	71.9	-3	150	1653	+61
Jackson	0.54	21.32	5.74	+6.89	+1.67	83	62	73.2	-2	161	1678	+140
Lexington	0.23	16.58	2.64	+2.63	-1.25	87	59	75.3	+0	175	1699	+107
London	0.29	19.74	3.52	+6.10	-0.25	87	57	74.5	-1	170	1729	+149
Louisville	0.01	18.67	5.24	+4.61	+1.65	89	62	77.5	+1	188	1839	+71
Mayfield	0.14	10.93	2.03	-4.24	-1.51	89	62	76.6	-1	182	1794	-53
Nashville	0.41	19.80	3.96	+5.44	+0.52	90	65	78.4	+2	189	2013	+112
Nolin Lake	0.30	20.06	3.03	+4.18	-1.02	87	61	74.7	-1	170	1746	+105
Paducah	1.24	16.41	3.99	+0.79	+0.21	93	62	78.1	+0	188	1990	+131
Princeton	0.95	22.55	7.88	+7.28	+4.17	92	61	76.9	-1	177	1891	+63
Quicksand	0.09	17.26	2.27	+2.83	-1.80	85	58	73.1	-2	160	1665	+127
Somerset	0.00	16.11	1.84	+0.56	-2.31	85	59	73.6	-2	164	1674	+3
Spindletop	0.12	15.78	3.75	+1.83	-0.14	86	59	74.2	-1	167	1666	+74
Williamstown	0.12	19.25	2.96	+5.17	-0.80	84	58	72.5	-3	156	1593	+1

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/>