



**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: Last week, much needed precipitation fell throughout parts of Kentucky. However, much more rainfall was needed to reach normal levels, as some areas received no measurable rainfall. As of Sunday, October 5, **topsoil moisture** was rated as 69 percent very short, 27 percent short and 4 percent adequate. **Subsoil moisture** was rated 64 percent very short, 27 percent short and 9 percent adequate. Rainfall totaled 0.22 inches, which was 0.53 inches below normal. Temperatures for the week averaged 60 degrees, 2 degrees below normal and 10 degrees cooler than the previous week. Main farm activities for the week were harvesting corn and soybeans. Fieldwork was possible for 6.6 days out of a total 7 days.

CORN: By October 5, 60 percent of the corn had been harvested, behind both last year's 88 percent and 72 percent for the five year average. The corn crop was rated 97 percent mature, equal to the five year average. The crop condition was rated 1 percent very poor, 11 percent poor, 31 percent fair, 35 percent good, and 22 percent excellent. Farmers reported that corn lodging has caused losses and is slowing the harvest.

SOYBEANS: As of Sunday, October 5, 18 percent of soybeans were harvested, compared to 30 percent last year and 21 percent for the five year average. Eighty-one percent of soybeans have dropped leaves, compared to 87 percent last year and the five year average of 85 percent. Soybeans reaching the mature stage was at 53 percent, compared to last year's 69 percent and 66 percent for the five year average. Soybean condition was rated 5 percent very poor, 20 percent poor, 27 percent fair, 29 percent good, and 19 percent excellent.

TOBACCO: The condition of housed tobacco was reported as 1 percent very poor, 10 percent poor, 29 percent fair, 45 percent good, and 15 percent excellent. Three percent of tobacco had been stripped, 18 percent was ready for stripping and 79 percent was not ready for stripping. Conditions are too dry for curing, and some producers were applying moisture to bring tobacco into case.

OTHER CROPS AND PASTURE: Wheat seeding was proceeding slowly as many farmers continued to wait for additional rainfall to improve germination. Seeding of wheat was rated at 6 percent, behind last year's 10 percent and 12 percent for the five year average. Producers report they have begun feeding hay due to poor pasture conditions. Hay stocks for the winter are a growing concern for some areas. Pastures were rated 47 percent very poor, 33 percent poor, 16 percent fair, and 4 percent good.

CROP PROGRESS for week ending 10/05/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Mature	97	93	100	97
Corn Harvested	60	38	88	72
Soybeans Dropping Leaves	81	64	87	85
Soybeans Mature	53	37	69	66
Soybeans Harvested	18	7	30	21
Winter Wheat Seeded	6	4	10	12

SOIL MOISTURE for week ending 10/05/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	69	27	4	0
Subsoil	64	27	9	0

CROP CONDITIONS for week ending 10/05/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	11	31	35	22
Soybeans	5	20	27	29	19
Pasture	47	33	16	4	0
Tobacco	1	10	29	45	15

KENTUCKY WEATHER SUMMARY, SEPTEMBER 29 – OCTOBER 5, 2008:

Much of the Commonwealth received measurable rainfall at the beginning of the period as a cold front swept through the Ohio valley, but the rainfall received was still well below normal. Last week marked the 8th week out of the past 9 in which below normal rainfall was reported. As relatively dry conditions persisted for another week, 82 percent of the state regressed into moderate drought, and 26 percent of the state regressed into severe drought. A cool air mass built in behind the cold front and provided the Bluegrass State with below normal temperatures for the 1st time in 7 weeks.

Temperatures for the period averaged 60 degrees across the state which was 2 degrees below normal and 10 degrees below the previous week. High temperatures averaged from 77 in the West to 74 in the East. Departure from normal high temperatures ranged from 0 degree from normal in the West to 1 degree above normal in the East. Low temperatures averaged from 47 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 6 degrees below normal in the West to 3 degrees below normal in the East.

Rainfall for the period totaled 0.22 inches statewide which was 0.53 inches below normal. Rainfall totals by climate division, West 0.18 inches, Central 0.24 inches, Bluegrass 0.26 inches and East 0.20 inches, which was 0.46, 0.55, 0.48 and 0.59 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Cumberland Gap to a high of 0.78 inches at Henderson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 5, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Average	
	(Inches)					(Degrees Fahrenheit)				High	Low
Bardstown	0.40	18.75	0.40	-5.80	-2.47	84	40	62.1	-0	92	47
Berea	0.13	19.55	0.56	-6.33	-2.96	80	43	62.6	+1	84	46
Bowling Green	0.18	19.83	0.19	-6.06	-3.15	86	41	63.1	+1	86	41
Bristol	0.02	16.20	2.37	-5.71	-0.55	79	36	58.3	-3	93	39
Buckhorn Lake	0.17	16.24	0.50	-8.37	-2.76	83	41	61.5	+0	84	40
Cape Girardeau	0.04	24.67	1.54	+0.50	-1.68	83	37	60.1	-4	93	37
Campbellsville	0.43	17.21	0.49	-11.97	-3.58	84	38	63.3	+1	92	50
Covington	0.19	20.44	1.03	-2.36	-1.64	81	42	60.1	-1	88	42
Cumberland Gap	0.00	16.43	0.71	-9.93	-2.18	83	41	61.5	+0	93	39
Dix Dam	0.51	18.25	0.82	-7.11	-2.26	83	42	61.7	+0	88	43
Evansville	0.37	23.49	0.77	+0.65	-1.97	85	42	62.1	-2	85	49
Glasgow	0.13	21.94	0.27	-5.99	-3.20	86	38	62.9	+0	83	32
Grayson	0.11	19.01	0.23	-4.56	-2.36	83	41	61.5	+0	92	49
Hardinsburg	0.20	28.26	0.63	+2.60	-2.66	84	39	61.4	-1	94	53
Henderson	0.78	23.33	1.48	-0.44	-1.62	83	39	61.5	-3	85	49
Huntington	0.19	19.14	0.21	-4.57	-2.41	81	41	60.6	-1	90	44
Jackson	0.10	19.14	0.63	-6.51	-2.54	81	42	60.9	-0	85	41
Lexington	0.42	20.82	0.96	-3.73	-1.91	82	42	60.5	-1	88	43
London	0.23	17.83	0.40	-5.97	-2.71	82	38	59.6	-2	86	40
Louisville	0.26	21.49	0.54	-2.47	-2.32	85	44	62.8	+0	80	39
Mayfield	0.04	12.27	0.13	-14.03	-3.50	83	41	61.5	-3	92	49
Nashville	0.00	21.74	0.04	-2.34	-3.00	86	43	64.6	+2	90	44
Nolin Lake	0.26	23.16	0.28	-4.30	-3.47	85	39	64.5	+2	83	32
Paducah	0.43	25.19	0.87	-0.51	-2.44	86	39	62.1	-2	85	45
Princeton	0.32	20.41	0.38	-5.32	-2.66	89	37	63.0	-1	91	44
Quicksand	0.10	16.91	0.11	-8.74	-3.06	83	41	61.5	+0	92	49
Somerset	0.09	22.79	0.11	-4.21	-3.48	77	37	58.0	-3	93	37
Spindletop	0.34	18.73	0.77	-5.82	-2.10	85	42	61.1	-0	92	48
Williamstown	0.34	25.07	1.03	+0.81	-1.90	83	42	61.6	+0	92	49

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/>