



**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

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Freezing temperatures were reported in several counties of Kentucky toward the end of this week. Most of the crops have matured and were not affected by the frost. Harvest continues to be hindered by wet fields and precipitation. However, there were 2.1 days suitable for fieldwork out of the possible 7 days. Work for the week consisted mostly of harvesting corn and soybeans, seeding wheat, stripping tobacco, and fertilizing pastures. **Topsoil moisture** was rated as 43 percent adequate, and 57 percent surplus. **Subsoil moisture** was rated 3 percent short, 54 percent adequate, and 43 percent surplus.

CORN: Harvest was about three weeks behind schedule as of Sunday, October 18. Corn was 53 percent harvested, behind the 84 percent a year ago and the five year average of 88 percent. Maturity was at 97 percent. Last year the entire crop was matured, which was par for the five year average.

SOYBEANS: With three-fourths of the crop matured, most soybean fields should not be affected by the cooler temperatures. In 2008, 80 percent of the crop was matured, with an average of 86 percent. One quarter of the soybeans have been harvested, compared to 46 percent a year ago and 48 percent for the average. The percent of soybeans shedding leaves has nearly caught up with 2008 and was reported at 95 percent. The average was 96 percent, which was the same as last year. Condition of the soybeans was rated 1 percent poor, 11 percent fair, 45 percent good, and 43 percent excellent.

TOBACCO: Excess moisture continued to affect the condition of the housed tobacco, which was rated 3 percent very poor, 7 percent poor, 31 percent fair, 46 percent good, and 13 percent excellent. Eight percent of tobacco had been stripped, behind the five year average and last year's progress of 15 percent. A few late-planted fields have not been cut yet.

OTHER CROPS AND PASTURE: Wheat planting progress was delayed because of the late corn and soybean harvest. Only 8 percent of the crop was seeded this week, compared to 33 percent last year and 40 percent for the five year average. Pasture condition was rated as 1 percent very poor, 2 percent poor, 17 percent fair, 57 percent good, and 23 percent excellent.

CROP PROGRESS for week ending 10/18/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Mature	97	94	100	100
Corn Harvested	53	46	84	88
Soybeans Dropping Leaves	95	87	96	96
Soybeans Mature	75	65	80	86
Soybeans Harvested	25	18	46	48
Winter Wheat Seeded	8	7	33	40
Burley Tobacco Stripped	8	3	15	15

SOIL MOISTURE for week ending 10/18/09

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	0	43	57
Subsoil	0	3	54	43

CROP CONDITIONS for week ending 10/18/09

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Soybeans	0	1	11	45	43
Pasture	1	2	17	57	23
Tobacco	3	7	31	46	13

KENTUCKY WEATHER SUMMARY, OCTOBER 12 - 18, 2009:

Below Normal Temperature and Above Normal Rainfall:

Cloudy, cool and wet conditions continued across the Commonwealth last week. Rainfall for the state was above normal for the week with the highest amounts falling in the southern parts of the state. The majority of rain fell between Wednesday and Thursday as a low pressure system swept across the southern states. For the beginning part of the week temps were moderate between the mid 60's for highs and mid 40's for lows. Starting Wednesday night to Sunday temps began to fall to mid 50's for highs and low 40's to mid 30's for lows. Sunday morning was by far the coolest time of the week giving widespread areas of frost across the state due to clearing skies.

Temperatures for the period averaged 49 degrees across the state which was 9 degrees below normal, and 8 degrees cooler than the previous week. High temperatures averaged from 56 in the West to 53 in the East. Departure from normal high temperatures ranged from 16 degrees below normal in the West to 15 degrees below normal in the East. Low temperatures averaged from 44 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 4 degrees below normal in the West to 1 degree below normal in the East.

Rainfall for the period totaled 1.12 inches statewide which was 0.46 inches above normal. Precipitation totals by climate division, West 1.45 inches, Central 1.06 inches, Bluegrass 0.85 inches and East 1.11 inches, which was 0.76, 0.41, 0.23 and 0.43 inches respectively above normal. By station, rainfall totals ranged from a low of 0.24 inches at Covington to a high of 1.94 inches at Mayfield.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 18, 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	0.98	37.63	7.96	+12.00	+5.40	67	30	49.4	-9	89	52
Berea	1.09	25.07	4.61	-1.99	+1.65	68	28	48.1	-9	90	54
Bowling Green	1.24	39.56	6.78	+12.41	+3.79	72	34	52.6	-6	85	47
Bristol	1.15	26.18	4.97	+3.19	+2.38	71	37	52.2	-5	95	46
Buckhorn Lake	1.05	27.86	7.20	+2.06	+4.34	63	31	47.6	-9	85	45
Cape Girardeau	1.18	23.55	5.94	-1.88	+3.01	68	28	49.9	-10	93	46
Campbellsville	0.87	30.90	4.96	+0.40	+1.58	68	29	49.5	-9	92	55
Covington	0.24	30.71	6.19	+6.71	+3.57	63	28	46.5	-10	88	47
Cumberland Gap	1.52	29.47	5.98	+1.72	+3.04	65	31	51.8	-5	95	46
Dix Dam	0.99	24.95	4.81	-1.61	+2.01	68	30	47.9	-9	84	45
Evansville	1.41	33.20	6.97	+9.15	+4.31	68	32	48.4	-12	84	50
Glasgow	1.19	36.40	8.13	+7.21	+5.09	71	28	52.1	-6	91	32
Grayson	0.57	27.18	4.86	+2.35	+2.21	66	29	47.4	-10	93	55
Hardinsburg	1.15	39.28	9.27	+12.34	+6.28	68	31	48.8	-9	94	56
Henderson	1.11	29.15	8.32	+4.22	+5.55	70	33	49.4	-11	84	50
Huntington	0.60	29.32	4.34	+4.37	+1.69	62	33	47.9	-9	90	49
Jackson	1.25	36.88	5.30	+10.01	+2.44	61	33	47.3	-10	86	49
Lexington	1.09	37.19	6.58	+11.56	+4.02	66	30	47.5	-9	83	45
London	1.24	35.75	4.95	+10.80	+2.19	64	32	50.1	-7	91	48
Louisville	0.83	40.33	8.49	+15.24	+5.86	67	33	48.9	-9	84	48
Mayfield	1.94	27.72	8.20	-0.10	+4.78	71	33	51.1	-9	93	55
Nashville	1.70	37.11	6.62	+11.93	+3.96	70	35	54.6	-4	90	49
Nolin Lake	1.00	33.18	4.86	+4.39	+1.61	67	33	49.3	-9	91	32
Paducah	1.64	37.15	7.73	+10.19	+4.76	70	31	50.2	-10	87	47
Princeton	1.44	40.06	9.21	+13.05	+6.33	72	30	50.9	-9	93	55
Quicksand	1.36	29.50	5.38	+2.63	+2.52	65	32	49.2	-8	93	55
Somerset	1.28	26.91	3.94	-1.46	+0.71	68	28	49.0	-8	93	46
Spindletop	0.93	34.25	6.06	+8.62	+3.50	68	29	47.1	-10	92	53
Williamstown	0.77	37.36	6.79	+11.84	+3.99	65	33	46.5	-10	93	55

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/>