



**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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28-09

**AGRICULTURAL NEWS:** Wet weather returned to the region leaving some areas subjected to heavy rainfall which caused ponding and flooding. Also, heavy winds were reported in the central part of the state causing damage to crops and structures. There were 3 days suitable for fieldwork out of the possible 7 days. **Topsoil moisture** was rated as 1 percent short, 50 percent adequate, and 49 percent surplus. **Subsoil moisture** was rated 4 percent short, 62 percent adequate, and 34 percent surplus. Rainfall totaled 2.29 inches across the state, 1.71 inches above normal for this time of year. Temperatures remained very Autumn-like averaging 57 degrees which fell 2 degrees below normal.

**CORN:** As of Sunday, October 11, 46 percent of the corn acreage was reported harvested, well behind last year's 75 percent and the five year average of 81 percent. Ninety-four percent of corn acreage was considered mature, behind both the 99 percent for the previous year and the five year average of 99 percent. The corn condition remained in good standing with 1 percent rated poor, 7 percent fair, 49 percent good, and 43 percent excellent.

**SOYBEANS:** Eighteen percent of soybeans were harvested, compared to 29 percent last year and 34 percent for the five year average. Soybean condition was rated 1 percent poor, 10 percent fair, 50 percent good, and 39 percent excellent. Eighty-seven percent of soybeans were shedding leaves, compared to last year's 90 percent and 91 percent for the five year average. Sixty-five percent of the soybean crop had matured, compared to last year's 68 percent and 73 percent for the five year average.

**TOBACCO:** At this point in the season, most tobacco has been cut and housed. The condition of housed tobacco was rated 3 percent very poor, 8 percent poor, 29 percent fair, 45 percent good, and 15 percent excellent. Three percent of tobacco had been stripped, 26 percent was ready for stripping and 71 percent was not ready for stripping. Houseburn and mold continue to be a concern.

**OTHER CROPS AND PASTURE:** Wheat planting continued as the weather would allow with 7 percent of the crop seeded, compared to 15 percent last year and 22 percent for the five year average. Pasture condition was rated as 1 percent very poor, 4 percent poor, 15 percent fair, 59 percent good, and 21 percent excellent.

**CROP PROGRESS for week ending 10/11/09**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Corn Mature	94	86	99	99
Corn Harvested	46	38	75	81
Soybeans Dropping Leaves	87	74	90	91
Soybeans Mature	65	45	68	73
Soybeans Harvested	18	10	29	34
Winter Wheat Seeded	7	5	15	22

**SOIL MOISTURE for week ending 10/11/09**

	Very Short	Short	Adequate	Surplus
Topsoil	0	1	50	49
Subsoil	0	4	62	34

**CROP CONDITIONS for week ending 10/11/09**

Crop	Very Poor	Poor	Fair	Good	Ex
Corn	0	1	7	49	43
Soybeans	0	1	10	50	39
Pasture	1	4	15	59	21
Tobacco	3	8	29	45	15

## KENTUCKY WEATHER SUMMARY, OCTOBER 5 - 11, 2009:

Below normal temperatures and much above normal rainfall:

Cool, wet conditions continued to grip the Commonwealth last week as heavy rain caused flooding and considerable ponding in west and central fields. Many locations reported measurable rainfall on 4 to 6 days. For the state as a whole, this amount of rainfall was nearly 400 percent of normal for, typically, the driest time of the year. While no widespread frosts were reported, high temperatures stayed mostly in the low to mid 60s last week and low temperatures were mostly in the 40s and low 50s. North and eastern locations reported lows in the upper 30s on Sunday.

Temperatures for the period averaged 57 degrees across the state which was 2 degrees below normal. High temperatures averaged from 65 in the West to 67 in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 49 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to near normal in the East.

Rainfall for the period totaled 2.29 inches statewide which was 1.71 inches above normal. Rainfall totals by climate division, West 3.45 inches, Central 2.82 inches, Bluegrass 1.92 inches and East 1.26 inches, which was 2.89, 2.22, 1.37 and 0.67 inches respectively above normal. By station, rainfall totals ranged from a low of 0.74 inches at Bristol to a high of 5.93 inches at Henderson.

Tom Priddy

### KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 11, 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	2.85	36.65	8.07	+11.60	+5.34	74	39	57.4	-3	89	52
Berea	1.04	23.98	4.38	-2.44	+1.12	82	38	57.3	-2	90	54
Bowling Green	2.42	38.32	6.92	+11.85	+3.74	78	42	60.2	-0	85	46
Bristol	0.74	25.03	4.34	+2.62	+1.57	84	41	61.8	+2	95	45
Buckhorn Lake	1.32	26.81	6.53	+1.65	+3.46	82	40	57.9	-2	85	44
Cape Girardeau	3.99	22.37	5.55	-2.38	+2.46	72	37	56.0	-7	92	46
Campbellsville	2.26	30.03	4.98	+0.24	+1.23	73	40	57.7	-3	92	54
Covington	2.24	30.47	6.65	+7.12	+4.00	67	38	53.4	-6	88	46
Cumberland Gap	1.38	27.95	4.60	+0.95	+1.68	82	43	60.6	+1	95	45
Dix Dam	1.88	23.96	4.90	-1.95	+1.95	69	38	56.0	-4	83	44
Evansville	3.52	31.79	5.99	+8.39	+3.29	71	39	55.9	-7	84	49
Glasgow	2.80	35.21	8.20	+6.70	+4.93	79	42	60.6	-0	91	32
Grayson	1.35	26.61	4.59	+2.46	+1.97	78	38	55.6	-4	93	55
Hardinsburg	5.51	38.13	8.73	+11.88	+5.58	72	40	56.3	-4	94	56
Henderson	5.93	28.04	7.33	+3.73	+4.38	73	40	56.5	-6	84	49
Huntington	1.12	28.72	3.89	+4.44	+1.25	83	37	57.2	-2	90	49
Jackson	0.92	35.63	4.45	+9.42	+1.42	82	45	58.4	-1	86	48
Lexington	1.69	36.10	7.21	+11.05	+4.48	68	40	56.0	-4	83	44
London	1.39	34.51	5.95	+10.18	+3.00	83	43	60.2	+1	91	48
Louisville	2.54	39.50	9.00	+15.02	+6.25	71	42	57.1	-4	84	47
Mayfield	3.62	26.40	7.63	-0.60	+4.10	83	42	58.6	-4	93	55
Nashville	1.23	35.41	10.04	+10.82	+7.18	86	44	62.2	+2	90	49
Nolin Lake	2.94	32.18	4.31	+4.11	+0.79	70	40	56.4	-4	91	33
Paducah	4.27	35.51	6.97	+9.23	+3.81	69	39	58.3	-5	87	47
Princeton	3.84	38.62	8.56	+12.30	+5.59	74	40	57.5	-5	93	55
Quicksand	1.16	28.14	4.36	+1.93	+1.33	84	43	58.2	-1	93	54
Somerset	1.71	25.63	3.48	-2.00	+0.05	81	41	57.9	-2	92	46
Spindletop	1.45	33.32	6.03	+8.27	+3.30	69	39	54.7	-5	92	53
Williamstown	3.56	36.59	7.64	+11.75	+4.77	66	39	53.9	-6	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/>