



**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: Widespread precipitation continued across the Commonwealth this past week. Heavy rains hampered field work. There were 2.2 days suitable for fieldwork out of the possible 7 days. **Topsoil moisture** was rated as 5 percent short, 58 percent adequate, and 37 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 73 percent adequate, and 16 percent surplus. Rainfall totaled 3.28 inches statewide which was 2.17 inches above normal. Temperatures for the week averaged 72 degrees which was 6 degrees above normal.

CORN: The corn harvest continued, but was slowed down by the heavy precipitation. Eighteen percent of the corn acreage was reported harvested, well behind last year's 36 percent and the five year average of 53 percent. Average moisture content of corn being harvested was at 22 percent. The corn condition reported was mostly good to excellent with 1 percent rated poor, 11 percent fair, 43 percent good, and 45 percent excellent. Seventy-eight percent of the corn acreage was considered mature, behind both the 92 percent for the previous year and the five year average of 94 percent.

SOYBEANS: The soybean harvest began last week, but was off to a slow start due to weather conditions. Soybean condition was rated 1 percent poor, 9 percent fair, 53 percent good, and 37 percent excellent. Several reporters noted that prior concern over double crop yields have eased somewhat because of the recent rains. As of Sunday, September 27, 60 percent of soybeans were shedding leaves, compared to last year's 61 percent and 66 percent for the five year average. About 25 percent of the soybean crop had matured, compared to last year's 35 percent and 41 percent for the five year average. Two percent of soybeans have been harvested, behind last year's 6 percent and 10 percent for the five year average.

TOBACCO: Housed tobacco condition was rated 1 percent very poor, 5 percent poor, 26 percent fair, 45

percent good, and 23 percent excellent. Seventy-nine percent of burley tobacco has been cut, behind both the 89 percent cut last year, and 89 percent for the five year average. Sixty-eight percent of the dark tobacco has been cut, compared to 83 percent last year and the five year average of 86 percent. Some farmers reported that high humidity and wet weather are taking a toll on housed tobacco. Houseburn and scattered occurrences of mold were reported.

OTHER CROPS AND PASTURE: Some farmers reported that these late rains will help improve pasture condition, and are optimistic there will be plenty of hay and roughages for livestock. Pasture condition was rated as 2 percent very poor, 5 percent poor, 21 percent fair, 52 percent good, and 20 percent excellent.

CROP PROGRESS for week ending 09/27/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Mature	78	61	92	94
Corn Harvested	18	12	36	53
Soybeans Dropping Leaves	60	41	61	66
Soybeans Mature	25	NA	35	41
Soybeans Harvested	2	NA	6	10
Burley Tobacco Cut	79	69	89	89
Dark Tobacco Cut	68	64	83	86

SOIL MOISTURE for week ending 09/27/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	5	58	37
Subsoil	1	10	73	16

CROP CONDITIONS for week ending 09/27/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	1	11	43	45
Soybeans	0	1	9	53	37
Pasture	2	5	21	52	20
Tobacco	1	5	26	45	23

KENTUCKY WEATHER SUMMARY, SEPTEMBER 21 - 27, 2009:

Above normal temperatures and much above normal rainfall:

Cloudy, wet conditions plagued the Bluegrass state last week interrupting harvest activity and making farmsteads a muddy mess. Frequent showers and isolated thunderstorms were a daily concern. Many locations in central and eastern Kentucky received rainfall every day during the period and 3 to 5 inch rainfall totals were common.

Temperatures for the period averaged 72 degrees across the state which was 6 degrees above normal. High temperatures averaged from 80 in the West to 77 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 66 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 8 degrees above normal in the East.

Rainfall for the period totaled 3.28 inches statewide which was 2.17 inches above normal. Rainfall totals by climate division, West 2.23 inches, Central 3.06 inches, Bluegrass 4.43 inches and East 3.48 inches, which was 1.04, 1.83, 3.36 and 2.49 inches respectively above normal. By station, rainfall totals ranged from a low of 0.25 inches at Nolin Lake to a high of 4.77 inches at Buckhorn Lake.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 27, 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	3.67	33.34	5.81	+9.52	+2.80	83	17	68.4	+3	89	52
Berea	2.36	22.82	4.21	-2.21	+0.48	83	59	71.1	+7	89	53
Bowling Green	2.21	34.99	5.73	+9.96	+2.27	85	56	73.9	+9	85	46
Bristol	3.08	24.29	5.05	+3.13	+2.01	86	59	70.8	+7	94	44
Buckhorn Lake	4.77	25.43	6.83	+1.64	+3.42	83	58	70.7	+6	84	44
Cape Girardeau	0.65	18.26	2.40	-5.07	-0.93	85	54	73.1	+6	92	45
Campbellsville	1.15	27.09	3.91	-1.12	-0.41	82	57	72.0	+7	92	54
Covington	3.17	27.69	4.92	+5.64	+2.22	83	57	68.8	+5	87	46
Cumberland Gap	3.01	26.50	5.26	+0.98	+2.35	84	59	72.1	+8	95	44
Dix Dam	1.54	21.68	2.98	-2.88	-0.21	82	58	71.5	+7	83	44
Evansville	1.44	27.67	5.15	+5.59	+2.38	85	53	72.0	+5	84	50
Glasgow	3.55	31.82	6.32	+4.77	+2.69	86	56	74.1	+9	91	34
Grayson	2.80	25.12	5.25	+2.30	+2.65	83	59	70.5	+6	93	55
Hardinsburg	1.71	31.72	3.00	+6.91	-0.41	82	56	72.0	+7	94	56
Henderson	0.81	21.64	1.97	-1.33	-1.25	85	53	72.4	+5	84	50
Huntington	2.61	27.59	3.02	+4.64	+0.37	86	60	70.6	+6	89	49
Jackson	3.11	34.69	4.89	+9.86	+1.59	83	58	70.9	+7	86	48
Lexington	3.41	34.02	5.90	+10.20	+2.89	81	59	71.0	+7	83	44
London	2.32	33.12	5.44	+10.12	+2.20	83	58	71.3	+7	91	48
Louisville	4.08	35.92	5.70	+12.72	+2.74	85	57	72.6	+7	84	47
Mayfield	2.25	21.77	4.85	-3.55	+1.15	83	56	73.6	+6	93	55
Nashville	3.11	33.60	8.57	+10.28	+5.39	84	56	73.6	+8	89	49
Nolin Lake	0.25	28.57	1.67	+2.04	-2.25	82	56	71.9	+7	91	34
Paducah	1.32	30.74	4.72	+5.89	+1.29	84	55	73.5	+6	87	47
Princeton	3.08	33.93	4.61	+9.02	+1.48	85	53	73.0	+6	93	55
Quicksand	2.83	26.95	4.08	+2.12	+0.78	83	58	71.9	+8	93	54
Somerset	0.55	23.52	2.44	-2.55	-1.29	82	57	71.9	+8	92	45
Spindletop	3.39	31.58	5.37	+7.76	+2.36	81	59	70.6	+6	92	53
Williamstown	1.69	32.26	4.21	+8.80	+1.22	82	56	69.1	+5	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/>