



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

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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:** The first week of April was characterized by below normal temperatures and above normal rainfall. Temperatures averaged 51 degrees, which was 1 degree below normal for this time of year. Total precipitation for the week was 1.27 inches, which was 0.08 inches above normal. **Topsoil moisture** was rated as 1 percent very short, 3 percent short, 64 percent adequate, and 32 percent surplus. **Subsoil moisture** was rated 3 percent very short, 14 percent short, 62 percent adequate, and 21 percent surplus. There were 2.7 days, out of a possible 7, suitable for fieldwork. The supply of Nitrogen fertilizer available is expected to meet 97 percent of anticipated need. Planting preparation, including plowing and fertilization, was 25 percent complete. Farmers reported the main farm activities for the week were tobacco seeding and fertilization, planting preparation, clean up and repairs from the ice and wind storms that struck in late January. Many producers report that the continued clean up of their fields will delay planting and harvesting activities.

**TOBACCO:** As of April 5, plant bed and greenhouse seeding was 68 percent complete. Seeding completion was slightly behind that of last year and the five year average. Producers are concerned by the reduction or elimination of contracts with tobacco companies.

**SMALL GRAINS & LEGUMES:** The Commonwealth's winter wheat crop is in mostly good condition. Winter wheat lost due to winter kill was reported at 2 percent. The condition of winter wheat was 1 percent poor, 15 percent fair, 58 percent good, and 26 percent excellent. Alfalfa stand loss was reported at 8 percent, while red clover stand loss was 9 percent.

**PASTURE & LIVESTOCK:** Pasture condition was reported as 8 percent very poor, 10 percent poor, 35 percent fair, 40 percent good, and 7 percent excellent. Pastures were meeting 44 percent of livestock roughage requirements. Seventy-two percent of farms statewide were still providing livestock with winter feed. Farmers statewide had approximately 17 percent of their winter hay supply still on hand. Farmers reported sporadic losses of livestock caused by the ice storm in late January.

**SOIL MOISTURE for week ending 04/05/09**

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	1	3	64	32
Subsoil	3	14	62	21

**CROP CONDITIONS for week ending 04/05/09**

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	0	1	15	58	26
Pasture	8	10	35	40	7

## **KENTUCKY WEATHER SUMMARY, MARCH 30 – APRIL 5, 2009:**

**Below normal temperatures and above normal rainfall:**

The Commonwealth continued to replenish moisture as the state received above normal rainfall for the 2nd straight week. Temperatures were slightly cooler during the period as below normal values were reported for the 1st time in 5 weeks. Temperatures did drop to frost/freeze levels on March 30.

Temperatures for the period averaged 51 degrees across the state which was 1 degree below normal. High temperatures averaged from 65 in the West to 65 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 41 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 1.27 inches statewide which was 0.08 inches above normal. Rainfall totals by climate division, West 1.52 inches, Central 1.53 inches, Bluegrass 1.27 inches and East 0.89 inches, which was respectively 0.24 inches above normal, 0.29 inches above normal, 0.16 inches above normal and 0.24 inches below normal. By station, rainfall totals ranged from a low of 0.39 inches at Grayson to a high of 3.08 inches at Glasgow.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, APRIL 5, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	1.03	11.99	+0.87	58	47	75	30	53.5	+2
Berea	0.92	9.19	-1.57	58	49	78	30	52.3	+2
Bowling Green	2.64	11.94	-1.83	58	50	77	30	54.3	+3
Bristol	0.67	10.42	-0.50	56	44	78	32	52.3	+2
Buckhorn Lake	0.78	9.47	-2.63	56	44	74	31	52.5	+2
Cape Girardeau	0.68	7.33	-4.66	54	49	71	33	54.0	-0
Campbellsville	2.18	12.74	-0.58	57	49	70	29	50.6	-1
Covington	0.80	7.62	-2.52	55	46	74	29	51.2	+1
Cumberland Gap	1.05	11.04	-3.02	58	49	74	31	52.4	+2
Dix Dam	1.56	12.86	+1.44	58	49	76	30	51.2	+1
Evansville	1.71	10.96	-0.20	58	49	72	28	52.1	-2
Glasgow	3.08	16.62	+2.75	58	50	77	28	53.9	+2
Grayson	0.39	8.45	-1.31	58	49	77	35	52.9	+3
Hardinsburg	1.50	10.83	-1.86	63	41	75	32	52.4	+1
Henderson	2.45	10.54	-1.05	58	49	70	32	52.1	-2
Huntington	0.64	8.10	-1.61	55	46	79	32	54.1	+4
Jackson	0.73	11.03	-0.88	58	49	80	34	54.9	+5
Lexington	1.04	10.28	-0.84	55	46	77	30	52.4	+2
London	1.17	13.74	+1.59	56	44	79	31	52.5	+2
Louisville	1.07	8.08	-3.45	58	47	75	32	51.7	+0
Mayfield	0.83	8.77	-5.85	58	49	74	31	52.4	-2
Nashville	1.87	10.81	-2.18	58	50	78	32	54.6	+3
Nolin Lake	2.59	11.49	-1.29	58	47	75	30	52.2	+1
Paducah	1.03	8.60	-4.33	54	49	71	31	54.6	+1
Princeton	2.47	9.47	-4.50	58	44	71	29	52.8	-1
Quicksand	0.76	10.41	-1.50	58	49	74	31	52.6	+2
Somerset	2.08	15.02	+2.21	56	44	74	30	48.9	-1
Spindletop	1.42	8.91	-2.21	55	46	75	32	51.9	+2
Williamstown	0.87	9.48	-1.22	58	49	75	29	49.9	-0

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.gwgw.ca.uky.edu/>