



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

# 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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**LELAND E. BROWN, Director**

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**AGRICULTURAL NEWS:** Temperatures returned to above normal levels over most of the state. Many areas experienced above normal rainfall, limiting fieldwork during the week. Total rainfall for the week was 1.66 inches, 0.6 inches above average. **Topsoil moisture** was rated as 2 percent short, 75 percent adequate, and 23 percent surplus. **Subsoil moisture** was rated as 3 percent short, 72 percent adequate, and 25 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven. Producers continued to plant corn and soybeans and cut hay as conditions permitted.

**TOBACCO:** As of Sunday May 31, 55 percent of burley tobacco acreage had been set compared with 45 percent last year and the five year average of 57 percent. Thirty-seven percent of the dark tobacco has been set, behind last year's 41 percent and the five year average of 53 percent. Farmers reported the tobacco crop condition as 2 percent poor, 36 percent fair, 50 percent good and 12 percent excellent.

**CORN:** Corn planting progress was limited due to weather conditions. Reported progress was 89 percent of intended acreage planted, compared with 93 percent last year, and 97 percent for the five year average. Corn emergence was reported at 73 percent, compared with 82 percent a year ago, and 92 percent for the five year average. The average emerged corn height was 8 inches, with the most advanced height at 16 inches. Average height varied considerably depending on whether the crop had been replanted. Emerged corn condition was rated 1 percent very poor, 7 percent poor, 40 percent fair, 42 percent good, and 10 percent excellent. Producers reported mostly good stands, but noted a few problems with replanted areas.

**SOYBEANS:** Soybean planting progress was reported at 30 percent, compared with 36 percent last year, and 58 percent for the five year average. Soybeans emerged was reported at 14 percent, behind last year's 17 percent and the five year average of 41 percent.

**SMALL GRAINS:** Winter wheat condition was reported as 1 percent very poor, 9 percent poor, 29 percent fair, 51

percent good, and 10 percent excellent. Some farmers report that the wet weather has increased the potential for disease problems in the winter wheat crop.

**OTHER CROPS AND PASTURE:** As of Sunday May 31, hay crop condition was rated as 6 percent poor, 29 percent fair, 47 percent good, and 18 percent excellent. Pasture condition was rated as 1 percent very poor, 5 percent poor, 27 percent fair, 49 percent good, and 18 percent excellent. Farmers were busy cutting and baling hay this past week as conditions permitted. Several reporters indicated hay quality would be hampered as the crop was very mature.

**CROP PROGRESS for week ending 05/31/09**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
				Percent
Corn Planted	89	75	93	97
Corn Emerged	73	50	82	92
Soybeans Planted	30	13	36	58
Soybeans Emerged	14	5	17	41
Burley Tobacco Set	55	38	45	57
Dark Tobacco Set	37	27	41	53

**SOIL MOISTURE for week ending 05/31/09**

	Very Short	Short	Adequate	Surplus
				Percent
Topsoil	0	2	75	23
Subsoil	0	3	72	25

**CROP CONDITIONS for week ending 05/31/09**

Crop	Very Poor	Poor	Fair	Good	Ex
					Percent
Corn	1	7	40	42	10
Soybeans	0	3	30	56	11
Wheat	1	9	29	51	10
Pasture	1	5	27	49	18
Hay Crops	0	6	29	47	18
Tobacco Set	0	2	36	50	12

# KENTUCKY WEATHER SUMMARY, MAY 25 – 31, 2009:

## Above Normal Temperatures and Above Normal Rainfall:

The final week of May 2009 was mostly wet and warm. Many locations recorded rainfall on 4 to 5 days with several locations, such as Lexington, receiving rainfall everyday for the week. One to 3 inches of rainfall was common last week and heavy rainfall was reported across the state, especially east and north. Out of the previous 5 weeks, 4 weeks have had above normal rainfall for the state. Temperatures started the work week in the 80's, cooled to the 70's at mid-week, then warmed back into the 80's for the weekend. And out of the past 6 weeks, 5 weeks have experienced above normal temperatures. For the month of May, the eastern section of the state reported 3 to 5 inches above normal rainfall.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees above normal and 7 degrees warmer than the previous week. High temperatures averaged from 81 in the West to 79 in the East. Departure from normal high temperatures ranged from 3 degrees below normal in the West to near normal in the East. Low temperatures averaged from 64 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 1.66 inches statewide which was 0.60 inches above normal. Precipitation totals by climate division, West 1.70 inches, Central 1.72 inches, Bluegrass 1.77 inches and East 1.45 inches, which was 0.60, 0.62, 0.75 and 0.44 inches respectively above normal. By station, precipitation totals ranged from a low of 0.23 inches at Nashville to a high of 3.10 inches at Grayson.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 31, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	1.84	12.38	5.76	+4.03	+1.72	81	56	71.1	+1	145	815	+50
Berea	1.60	10.37	4.89	+1.30	+0.55	81	56	70.9	+2	144	782	-14
Bowling Green	2.12	11.10	5.12	+1.84	+0.66	84	57	73.1	+3	160	869	+73
Bristol	0.89	7.12	3.89	-0.08	+0.37	84	53	70.6	+2	143	759	+55
Buckhorn Lake	1.14	6.30	2.52	-1.56	-1.19	83	58	71.8	+3	151	776	+72
Cape Girardeau	2.32	10.26	4.20	+0.64	-0.49	86	59	72.4	+1	154	848	+21
Campbellsville	1.00	11.53	3.98	+1.60	-0.71	83	58	71.6	+2	150	788	-8
Covington	1.19	7.49	3.46	-0.54	-0.41	82	57	70.7	+2	144	737	+63
Cumberland Gap	0.79	8.85	2.80	-0.04	-1.54	83	58	71.5	+3	149	775	+71
Dix Dam	1.30	10.43	4.86	+1.47	+0.58	81	59	70.9	+2	143	752	-13
Evansville	2.74	13.47	6.23	+4.70	+1.94	87	59	72.6	+1	156	842	+76
Glasgow	2.01	12.66	4.46	+3.05	-0.11	85	53	72.5	+3	156	870	+134
Grayson	3.10	10.39	6.30	+2.50	+2.45	83	57	70.7	+2	143	759	+116
Hardinsburg	1.55	14.28	6.01	+5.10	+1.61	82	56	70.6	+1	142	805	+9
Henderson	1.19	10.52	3.90	+1.71	-0.21	81	57	71.1	-1	145	803	+7
Huntington	2.88	10.76	6.78	+2.90	+2.93	81	57	70.2	+1	140	767	+63
Jackson	0.68	12.73	8.12	+4.15	+4.07	82	53	69.7	+1	136	779	+75
Lexington	2.34	10.83	5.51	+2.48	+1.47	81	58	71.2	+2	146	747	+73
London	1.88	12.71	7.48	+4.53	+3.63	84	53	71.2	+2	147	784	+80
Louisville	1.50	9.08	4.64	+0.23	+0.47	81	58	71.2	+1	148	824	+58
Mayfield	0.89	7.89	3.09	-2.17	-1.44	81	58	71.5	-0	149	785	-72
Nashville	0.23	12.37	4.54	+3.12	+0.13	87	54	73.4	+4	160	907	+50
Nolin Lake	1.32	12.73	5.61	+2.72	+0.66	82	56	71.6	+2	149	833	+68
Paducah	2.48	10.85	5.01	+0.90	+0.55	87	60	74.1	+2	167	898	+71
Princeton	0.59	11.59	4.39	+1.83	-0.09	86	56	73.4	+2	161	869	+43
Quicksand	0.69	12.15	7.89	+3.57	+3.84	82	58	71.8	+3	151	773	+69
Somerset	0.43	11.32	4.04	+1.90	-0.54	83	62	70.9	+2	145	729	-36
Spindletop	1.94	9.53	4.21	+1.18	+0.17	81	58	70.9	+2	144	726	+52
Williamstown	2.26	11.89	5.25	+3.33	+1.27	82	58	70.8	+2	144	737	+63

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/>