



**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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AGRICULTURAL NEWS: Concerns are growing about adequate rainfall, especially in the eastern part of the State. Producers are painfully aware of the similar scenario from 2007. Weekly precipitation for the State was slightly below normal for only the second time in the past month and averaged 0.49 inches below normal. Temperatures statewide averaged 69 degrees, 5 degrees below normal, which helped moderate the effects of the rainfall shortage. **Topsoil moisture** was rated as 6 percent very short, 26 percent short, 64 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 6 percent very short, 19 percent short, 71 percent adequate, and 4 percent surplus. There were 5.8 days suitable for fieldwork.

TOBACCO: Burley setting was 93 percent complete as of Sunday, June 22, compared with 97 percent for last year and the five-year average of 92 percent. Ninety-four percent of the dark tobacco had been set. Last year 99 percent had been set and the five-year average was 95 percent. About 74 percent of tobacco plants were under 12 inches high, with 22 percent 12-24 inches in height, and 4 percent were over 24 inches. The tobacco crop condition was reported as 3 percent poor, 18 percent fair, 63 percent good, and 16 percent excellent.

CORN: Corn condition was rated 2 percent poor, 11 percent fair, 56 percent good, and 31 percent excellent. Two percent of the corn has tasseled or is tasseling, compared to last year's 19 percent and the five-year average of 15 percent. There were some reports of corn borer activity, but on average very few reports about insect or disease damage.

SOYBEANS: As of Sunday, June 22, 95 percent of the single crop soybeans had been planted, behind the 99 percent reported last year but ahead of the five-year average of 92 percent. Twenty-seven percent of double crop soybeans have been planted compared to 54 percent last year and the five-year average of 37 percent. All beans planted was 82 percent, behind last year's 92 percent but equal to the five-year average. Some concern was expressed about the ability of planters to get through both the hard soil crust and the crop residue left by the wheat harvest. Seventy-four percent of the soybeans have emerged which was behind last year's 89 percent and the five-year average of 75 percent. Soybean condition was rated 1 percent very poor, 6 percent poor, 20 percent fair, 54 percent good, and 19 percent excellent. The average height of emerged soybeans was 6 inches, behind both last year's 7 inches and the five-year average of 7 inches.

SMALL GRAINS: Wheat harvest is beginning in earnest with 38 percent of the crop harvested compared with 57 percent a year ago and the five-year average of 43

percent. Early reports remain extremely positive with yields approaching State record levels. Barley harvest was 91 percent complete compared with 99 percent last year and the five-year average of 95 percent.

OTHER CROPS AND PASTURE: About 80 percent of the sorghum acres had been planted as of Sunday, June 22 compared with 98 percent a year ago and the five-year average of 91 percent. About 37 percent of second alfalfa cutting has been completed. The recent dry spell and the shortage of forage in 2007 has farmers cutting hay to replenish supplies exhausted during the dry summer of 2007 and past winter. Pasture condition was rated 2 percent very poor, 8 percent poor, 29 percent fair, 53 percent good, and 8 percent excellent.

CROP PROGRESS for week ending 06/22/08

Crop Stage	This Week	Last Week	Last Year	5-Yr
				Avg
Percent				
Corn Tasseling	2	NA	19	15
Corn Silking	0	NA	7	7
Soybeans Planted	82	71	92	82
Soybeans Emerged	74	50	89	75
Sorghum Planted	80	65	98	91
Wheat Harvested	38	3	57	43
Barley Harvested	91	50	99	95
Burley Tobacco Set	93	79	97	92
Dark Tobacco Set	94	75	99	95

SOIL MOISTURE for week ending 06/22/08

	Very Short	Short	Adequate	Surplus
Topsoil	6	26	64	4
Subsoil	6	19	71	4

CROP CONDITIONS for week ending 06/22/08

Crop	Very Poor	Poor	Fair	Good	Ex
Corn	0	2	11	56	31
Soybeans	1	6	20	54	19
Pasture	2	8	29	53	8
Tobacco	0	3	18	63	16

KENTUCKY WEATHER SUMMARY, JUNE 16 - 22, 2008:

Below normal temperatures and rainfall:

Rainfall last week was spotty and minimal, most of which fell at the beginning of the period when a cold front swept across the Bluegrass State. Although rainfall totals in the state were below normal only for the 2nd time in the past month, rainfall totals in the east were below normal for the 5th straight week. This lack of rainfall has caused the east to slip into moderate drought conditions. Temperatures cooled down a bit behind the cold front as the Commonwealth experienced below normal temperatures for the first time in a month.

Temperatures for the period averaged 69 degrees across the state which was 5 degrees below normal and 7 degrees cooler than the previous week. High temperatures averaged from 83 in the West to 81 in the East. Departure from normal high temperatures ranged from 4 degrees below normal in the West to 3 degrees below normal in the East. Low temperatures averaged from 61 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to 5 degrees below normal in the East.

Rainfall for the period totaled 0.45 inches statewide which was 0.49 inches below normal. Rainfall totals by climate division, West 0.28 inches, Central 0.17 inches, Bluegrass 0.66 inches and East 0.62 inches, which was 0.43, 0.72, 0.40 and 0.42 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bowling Green to a high of 1.34 inches at Louisville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 22, 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	0.13	12.98	1.99	+1.95	-1.56	86	52	70.9	-3	145	1226	-23
Berea	0.56	12.62	4.10	+0.65	+0.27	85	53	69.7	-4	137	1237	-43
Bowling Green	0.00	11.87	2.15	-0.45	-1.86	89	52	72.9	-1	157	1353	+51
Bristol	0.01	5.57	1.43	-4.23	-1.92	89	48	69.6	-4	135	1223	+57
Buckhorn Lake	0.60	9.52	3.18	-1.38	-0.66	86	53	70.1	-3	138	1218	+96
Cape Girardeau	0.58	15.58	4.07	+3.42	+0.52	87	55	72.8	-3	157	1296	-59
Campbellsville	0.06	10.97	1.64	-2.01	-2.42	87	52	71.1	-3	145	1266	+8
Covington	0.10	13.20	4.35	+2.35	+0.71	84	51	68.7	-5	130	1107	-7
Cumberland Gap	0.36	8.10	1.18	-3.91	-2.87	89	53	70.9	-2	142	1232	+88
Dix Dam	0.14	8.60	0.90	-3.05	-2.71	84	54	69.6	-4	136	1181	-68
Evansville	0.24	16.33	6.69	+5.00	+3.21	86	55	71.6	-4	150	1245	-27
Glasgow	0.00	13.63	2.45	+0.65	-1.90	90	50	72.8	-1	154	1382	+162
Grayson	0.41	12.31	2.29	+1.60	-1.35	82	52	68.2	-5	126	1151	+90
Hardinsburg	0.12	16.10	4.56	+4.14	+0.84	87	56	72.1	-2	152	1274	-28
Henderson	0.24	14.54	4.33	+2.95	+0.67	87	55	72.0	-4	152	1260	-42
Huntington	0.61	12.81	3.75	+2.24	+0.21	81	52	68.1	-5	125	1161	+17
Jackson	0.77	9.37	2.83	-2.01	-0.84	85	53	68.1	-5	125	1199	+77
Lexington	0.64	13.10	2.90	+2.07	-0.65	84	53	69.2	-4	133	1151	+15
London	0.53	9.64	2.79	-1.19	-0.69	88	51	70.4	-3	141	1268	+124
Louisville	1.34	15.21	2.84	+3.82	-0.59	87	60	74.4	+0	168	1338	+66
Mayfield	0.23	9.06	2.57	-3.47	-0.87	86	53	70.6	-5	142	1225	-138
Nashville	0.61	14.38	2.94	+2.51	-0.62	92	56	74.1	-0	162	1423	+38
Nolin Lake	0.01	15.08	3.30	+2.20	-0.64	89	53	72.6	-2	154	1318	+113
Paducah	0.71	15.95	5.52	+3.03	+1.59	88	54	72.5	-4	154	1348	-7
Princeton	0.45	13.64	2.05	+1.06	-1.73	89	51	73.1	-3	157	1383	+51
Quicksand	0.77	8.83	2.79	-2.55	-0.88	85	53	69.9	-3	136	1219	+97
Somerset	0.67	12.28	3.35	-0.25	-0.74	84	52	69.1	-4	132	1166	-61
Spindletop	0.38	12.84	2.36	+1.81	-1.19	84	53	69.6	-4	135	1148	+12
Williamstown	0.67	17.01	7.32	+5.69	+3.70	83	52	68.9	-4	130	1114	-22

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/>