



**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

**LELAND E. BROWN, Director**

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**AGRICULTURAL NEWS:** Most areas of Kentucky would like some additional rain even though it's been a very wet spring. A few farmers are reporting issues with army worms and black shank in tobacco. Precipitation for the week was slightly above normal for the fourth time in the last seven weeks and averaged 0.09 inches above normal. Temperatures statewide averaged 76 degrees, 4 degrees above normal. **Topsoil moisture** was rated as 3 percent very short, 23 percent short, 64 percent adequate, and 10 percent surplus. **Subsoil moisture** was rated 3 percent very short, 14 percent short, 71 percent adequate, and 12 percent surplus. There were 5.4 days suitable for fieldwork. Many areas were replanting blank spots in the corn fields.

**TOBACCO:** Burley setting was 79 percent complete as of Sunday, June 15, compared with 89 percent for last year and the five-year average of 84 percent. Seventy-five percent of the dark tobacco had been set. Last year 94 percent had been set and the five-year average was 87 percent. About 82 percent of tobacco plants were under 12 inches high, with 16 percent 12-24 inches in height, and 2 percent were over 24 inches. The tobacco crop condition was reported as 5 percent poor, 28 percent fair, 54 percent good, and 13 percent excellent.

**CORN:** Corn condition was rated 4 percent poor, 16 percent fair, 54 percent good, and 26 percent excellent. Ninety-eight percent of the corn has emerged, compared to last year's 99 percent and the five-year average of 96 percent. There were some reports of corn leaves rolling up in the mid-day heat.

**SOYBEANS:** As of Sunday, June 15, 71 percent of the single crop soybeans had been planted, behind the 89 percent reported last year and the five-year average of 76 percent. Fifty percent of the soybeans had emerged which was behind last year's 84 percent and the five-year average of 66 percent. Soybean condition was rated 4 percent poor, 19 percent fair, 62 percent good, and 15 percent excellent. The average height of emerged soybeans was 4 inches, behind both last year and the five-year average of 5 inches.

**SMALL GRAINS:** Wheat harvest is just underway, with 3 percent of the crop harvested compared with 26 percent a year ago and the five-year average of 18 percent. Early reports are extremely positive about yields although the moisture content appears somewhat high. Barley harvest was 50 percent complete compared with 84 percent last year and the five-year average of 74 percent.

**OTHER CROPS AND PASTURE:** About 65 percent of the sorghum acres had been planted as of Sunday, June 15 compared with 94 percent a year ago and the five-year average of 80 percent. Pasture condition was rated 1 percent very poor, 6 percent poor, 32 percent fair, 50 percent good, and 11 percent excellent.

### CROP PROGRESS for week ending 06/15/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Emerged	98	93	99	96
Soybeans Planted	71	58	89	76
Soybeans Emerged	50	36	84	66
Sorghum Planted	65	50	94	80
Barley Harvested	50	33	84	74
Wheat Harvested	3	0	26	18
Burley Tobacco Set	79	69	89	84
Dark Tobacco Set	75	60	94	87

### SOIL MOISTURE for week ending 06/15/08

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	3	23	64	10
Subsoil	3	14	71	12

### CROP CONDITIONS for week ending 06/15/08

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	4	16	54	26
Soybeans	0	4	19	62	15
Wheat	0	2	15	47	36
Pasture	1	6	32	50	11
Tobacco Set	0	5	28	54	13

# KENTUCKY WEATHER SUMMARY, JUNE 9 - 15, 2008:

Above normal temperatures and rainfall:

Two separate weather systems provided the Commonwealth with slightly above normal rainfall for the fourth time in the past seven weeks. Although adequate rainfall has been received in much of the state, drought conditions are beginning to build once again in the east as below normal rainfall was reported for the fourth straight week in that portion of the state. The period was unseasonably hot as above normal temperatures were reported for the second straight week.

Temperatures for the period averaged 76 degrees across the state which was 4 degrees above normal and 1 degree below the previous period. High temperatures averaged from 89 in the West to 87 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 68 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 1.07 inches statewide which was 0.09 inches above normal. Rainfall totals by climate division, West 1.70 inches, Central 0.70 inches, Bluegrass 1.22 inches and East 0.76 inches, which was respectively 0.82 inches above normal, 0.38 inches below normal, 0.24 inches above normal and 0.23 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Dix Dam to a high of 2.30 inches at Hardinsburg.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 15, 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	1.59	12.85	1.86	+2.67	-1.84	92	57	76.1	+3	175	1081	-14
Berea	0.81	12.06	3.62	+1.01	-0.37	92	60	77.1	+5	180	1100	-26
Bowling Green	0.73	11.87	2.15	+0.53	-2.01	94	60	78.1	+5	184	1196	+55
Bristol	1.13	5.56	1.59	-3.41	-1.82	94	63	76.1	+4	168	1088	+69
Buckhorn Lake	1.46	8.92	2.66	-1.02	-1.14	91	62	76.9	+5	178	1080	+91
Cape Girardeau	0.83	15.00	3.55	+3.64	-0.36	94	62	78.7	+4	188	1139	-48
Campbellsville	0.86	10.91	1.61	-1.10	-2.65	94	60	77.7	+5	181	1121	+10
Covington	0.46	13.10	5.56	+3.15	+1.85	89	56	75.4	+3	173	977	+3
Cumberland Gap	0.54	7.74	1.01	-3.28	-3.14	94	62	77.6	+5	179	1090	+86
Dix Dam	0.00	8.46	0.78	-2.34	-3.04	92	58	76.6	+4	179	1045	-50
Evansville	1.59	16.09	6.52	+5.58	+2.78	93	60	77.8	+3	184	1095	-16
Glasgow	0.97	13.63	2.45	+1.72	-1.97	95	59	78.7	+6	183	1228	+162
Grayson	0.37	11.90	2.50	+2.09	-1.21	91	57	76.0	+4	175	1025	+97
Hardinsburg	2.30	15.98	4.54	+4.91	+0.60	92	62	77.3	+4	180	1122	-19
Henderson	1.32	14.30	4.24	+3.59	+0.44	93	62	77.8	+3	184	1108	-33
Huntington	0.36	12.20	4.10	+2.49	+0.46	91	56	75.8	+4	173	1036	+32
Jackson	0.20	8.60	2.28	-1.89	-1.51	90	62	76.1	+4	176	1074	+85
Lexington	1.18	12.46	2.42	+2.28	-1.28	91	57	76.5	+4	179	1018	+29
London	0.52	9.11	2.34	-0.88	-1.26	93	63	77.6	+5	182	1127	+123
Louisville	0.50	13.87	1.66	+3.29	-2.01	95	62	80.2	+7	196	1170	+59
Mayfield	1.04	8.83	2.35	-2.91	-1.44	92	60	77.2	+2	181	1083	-119
Nashville	0.40	13.77	2.91	+2.73	-0.92	93	65	79.1	+6	192	1261	+44
Nolin Lake	0.33	15.07	3.31	+3.10	-0.95	92	61	78.1	+5	184	1164	+99
Paducah	1.70	15.24	4.84	+3.27	+0.74	92	59	78.2	+3	185	1194	+7
Princeton	0.44	13.19	1.63	+1.51	-2.38	94	58	79.0	+4	183	1226	+55
Quicksand	0.22	8.06	2.06	-2.43	-1.73	90	62	76.6	+4	179	1083	+94
Somerset	1.02	11.61	2.76	+0.07	-1.49	93	62	77.1	+5	181	1034	-46
Spindletop	1.10	12.46	2.38	+2.28	-1.32	91	56	75.7	+4	172	1013	+24
Williamstown	1.07	16.34	7.56	+5.89	+3.83	90	56	75.9	+4	174	984	-5

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/>