



**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: Dry weather continues as below normal rainfall was received in the State for the 6th time in 7 weeks. **Topsoil moisture** was rated as 58 percent very short, 34 percent short and 8 percent adequate. **Subsoil moisture** was rated 53 percent very short, 37 percent short and 10 percent adequate. There were 6.5 days suitable for fieldwork. Main farm activities for the week were harvesting corn, cutting hay and harvesting tobacco.

CORN: Grain and silage harvest continued, but remained behind normal. By September 21, 22 percent of the corn had been harvested. Last year it was 64 percent and 44 percent for the average. Some producers are reporting lodging in corn fields because of wind damage from the previous week. At 84 percent, maturity levels are still behind the 97 percent a year ago and the average of 90 percent. Ninety-nine percent had reached the dent stage. The crop was rated 2 percent very poor, 12 percent poor, 29 percent fair, 36 percent good, and 21 percent excellent.

SOYBEANS: Farmers are continuing to report that soybean yields, both full season and double crop, may be reduced because of the dry conditions. Some farmers also reported damage to their soybeans due to wind storm from previous week. Soybean condition was rated 4 percent very poor, 19 percent poor, 31 percent fair, 28 percent good, and 18 percent excellent. Forty-three percent of soybeans have dropped leaves, compared to 65 percent last year and the five year average of 45 percent. About 20 percent of soybean crop had matured. Last year it was 31 percent and 24 percent for the average.

TOBACCO: Tobacco harvest continues to progress. Eighty percent of burley tobacco and 74 percent of

the dark tobacco had been cut as of Sunday, September 21. The five year average was 82 percent for burley tobacco and 78 percent for dark tobacco. Housed crop condition was rated 1 percent very poor, 5 percent poor, 32 percent fair, 46 percent good, and 16 percent excellent. Damage is being reported to barns and standing tobacco due to the high winds of Hurricane Ike.

OTHER CROPS AND PASTURE: Pasture and hay conditions continue to deteriorate due to extreme dry weather. Pastures were rated 29 percent very poor, 34 percent poor, 28 percent fair, and 9 percent good.

CROP PROGRESS for week ending 09/21/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Corn Mature	84	74	97	90
Corn Harvested	22	12	64	44
Soybeans Dropping Leaves	43	16	65	45
Soybeans Mature	20	NA	31	24
Burley Tobacco Cut	80	73	84	82
Dark Tobacco Cut	74	69	90	78

SOIL MOISTURE for week ending 09/21/08

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	58	34	8	0
Subsoil	53	37	10	0

CROP CONDITIONS for week ending 09/21/08

Crop	Very Poor	Poor	Fair	Good	Ex
Corn	2	12	29	36	21
Soybeans	4	19	31	28	18
Pasture	29	34	28	9	0
Tobacco	1	5	32	46	16

KENTUCKY WEATHER SUMMARY, SEPTEMBER 15 - 21, 2008:

Normal temperatures and below normal rainfall:

High pressure set up over the Ohio Valley early in the period and suppressed shower activity for the vast majority of the Commonwealth. The virtually rain-free week was the 6th time in the past 7 weeks that below normal rainfall was received. Temperatures during the last week of summer were true to the season with no deviation from normal.

Temperatures for the period averaged 67 degrees across the state which was 0 degree from normal. High temperatures averaged from 80 in the West to 80 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 55 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 0.06 inches statewide which was 0.81 inches below normal. Rainfall totals by climate division, West 0.07 inches, Central 0.03 inches, Bluegrass 0.03 inches and East 0.10 inches, which was respectively 0.82, 0.94, 0.75 and 0.74 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 1.20 inches at Cape Girardeau.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 21, 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	0.00	18.35	0.30	-4.83	-2.83	89	51	69.2	+2	132	3384	+124	
Berea	0.05	19.42	1.04	-4.81	-2.66	84	51	69.7	+4	135	3409	+35	
Bowling Green	0.00	19.65	2.01	-4.63	-1.39	87	53	69.9	+3	136	3657	+253	
Bristol	0.28	15.77	4.11	-4.74	+1.11	81	51	67.1	+1	119	3265	+127	
Buckhorn Lake	0.00	16.07	1.62	-6.99	-1.77	84	53	68.1	+2	124	3371	+407	
Cape Girardeau	1.20	24.63	1.98	+2.01	-1.31	85	0	62.9	-6	116	3505	-53	
Campbellsville	0.04	16.78	0.68	-10.50	-3.60	85	51	68.7	+2	129	3441	+97	
Covington	0.01	20.25	1.60	-1.23	-1.17	85	53	67.6	+2	121	3183	+95	
Cumberland Gap	0.03	16.39	2.41	-8.52	-0.72	84	53	68.1	+2	124	3390	+282	
Dix Dam	0.02	17.74	0.78	-6.14	-2.49	84	51	68.1	+2	125	3335	+23	
Evansville	0.01	23.12	1.17	+1.63	-1.61	88	51	68.9	+0	129	3466	+61	
Glasgow	0.10	21.81	0.90	-4.46	-2.73	89	50	70.1	+3	136	3601	+287	
Grayson	0.00	18.87	1.54	-3.40	-1.23	85	52	68.1	+2	125	3234	+300	
Hardinsburg	0.21	28.06	1.67	+3.98	-1.74	87	53	69.5	+3	134	3465	+40	
Henderson	0.60	22.55	1.53	+0.27	-1.61	85	50	67.9	-1	123	3458	+23	
Huntington	0.00	18.94	1.73	-3.45	-1.12	85	51	68.0	+2	124	3227	+109	
Jackson	0.01	19.04	1.64	-5.08	-1.73	83	55	68.2	+2	126	3281	+317	
Lexington	0.00	20.40	2.79	-2.78	-0.34	85	50	67.6	+2	122	3282	+143	
London	0.02	17.60	1.99	-4.71	-1.19	85	51	68.9	+3	130	3400	+313	
Louisville	0.00	21.23	1.08	-1.34	-1.93	88	56	71.1	+4	145	3721	+285	
Mayfield	0.00	12.23	0.85	-12.30	-2.79	84	53	68.1	-1	124	3398	-88	
Nashville	0.00	21.71	2.50	-0.93	-0.67	87	56	70.1	+3	138	3793	+132	
Nolin Lake	0.01	22.90	1.14	-2.78	-2.66	87	53	69.7	+3	136	3572	+403	
Paducah	0.07	24.76	1.34	+0.65	-2.00	86	49	67.1	-2	118	3624	+97	
Princeton	0.05	20.08	0.44	-4.16	-2.80	88	52	69.1	+0	130	3643	+126	
Quicksand	0.01	16.81	1.13	-7.31	-2.24	84	53	68.1	+2	124	3372	+408	
Somerset	0.00	22.70	1.70	-2.57	-1.99	86	51	66.9	+1	117	3258	+59	
Spindletop	0.00	18.39	1.14	-4.79	-1.99	86	51	68.4	+3	127	3274	+135	
Williamstown	0.01	24.73	1.51	+1.91	-1.57	85	52	67.6	+2	121	3214	+75	

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/>