



KENTUCKY WEEKLY CROP & WEATHER REPORT



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AGRICULTURAL NEWS: Much of the State received much needed rain this past week, which benefited all crops. More rain is needed throughout the State to counteract the hot August temperatures. **Topsoil moisture** was rated as 8 percent very short, 37 percent short, 53 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 14 percent very short, 35 percent short, 50 percent adequate, and 1 percent surplus. There were 5.0 days suitable for fieldwork. The majority of field work this past week included mowing pastures and topping tobacco.

TOBACCO: As of Sunday, August 3, the tobacco crop condition was reported as 1 percent very poor, 7 percent poor, 28 percent fair, 49 percent good, and 15 percent excellent. Forty-six percent of the burley tobacco was blooming or beyond, behind last year's average of 59 percent and the five-year average of 60 percent. Burley tobacco topped was at 21 percent compared to last year's 36 percent and the five-year average of 37 percent. Seventy-six percent of the dark tobacco was blooming or beyond, and fifty-three percent has been topped. Black shank continues to be the main concern with tobacco, since farmers are spraying for worms.

CORN: The corn condition improved with 1 percent rated as very poor, 7 percent poor, 18 percent fair, 41 percent good, and 33 percent excellent. Ninety percent of the corn has silked or was silking as of Sunday, August 3, behind both last year's 95 percent and the five-year average of 94 percent. Fifty-seven percent of the corn was in milk stage or beyond, compared to 70 percent last year and the five-year average of 71 percent. Thirty-one percent of the corn was in dough stage or beyond, compared to last year and the five-year average of 46 percent. Six percent of the corn was in dent stage or beyond, compared to last year's 23 percent and the five-year average of 22 percent.

SOYBEANS: As of Sunday, August 3, sixty-four percent of the soybeans were blooming, behind last year's 79 percent and the five-year average of 69

percent. Twenty-four percent of the soybeans were setting pods, behind last year's 53 percent and the five-year average of 43 percent. The soybean condition remained steady compared to last week with 2 percent rated very poor, 10 percent poor, 22 percent fair, 42 percent good, and 24 percent excellent. The single crop soybeans are generally doing better than the double cropped soybeans, which need more rain for good crop development.

OTHER CROPS AND PASTURE: The rains this past week improved the pasture conditions with 3 percent rated very poor, 16 percent poor, 40 percent fair, 38 percent good, and 3 percent excellent. The hay condition remained steady with 3 percent rated very poor, 11 percent poor, 40 percent fair, 41 percent good, and 5 percent excellent.

CROP PROGRESS for week ending 08/03/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Corn Silking	90	82	95	94
Corn Milked	57	44	70	71
Corn Dough	31	18	46	46
Corn Dent	6	NA	23	22
Soybeans Blooming	64	48	79	69
Soybeans Setting Pods	24	NA	53	43
Burley Tobacco Blooming	46	30	59	60
Burley Tobacco Topped	21	15	36	37

SOIL MOISTURE for week ending 08/03/08

	Very Short	Short	Adequate	Surplus
Topsoil	8	37	53	2
Subsoil	14	35	50	1

CROP CONDITIONS for week ending 08/03/08

Crop	Very Poor	Poor	Fair	Good	Ex
Corn	1	7	18	41	33
Soybeans	2	10	22	42	24
Pasture	3	16	40	38	3
Hay Crops	3	11	40	41	5
Tobacco	1	7	28	49	15

KENTUCKY WEATHER SUMMARY, JULY 28 – AUGUST 3, 2008:

The Bluegrass State experienced a wet week last week as a couple weather systems impacted the Ohio Valley and continued to fend off summertime drought conditions for much of the state. The majority of the rain came late in the week as a frontal boundary extended just to the north of the Commonwealth and remained in place long enough to cause widespread showers and thunderstorms. This pattern also resulted in a hot week as Kentucky was oriented on the southern side of the frontal boundary; above normal temperatures were reported for the first time in 7 weeks.

Temperatures for the period averaged 78 degrees across the state which was 3 degrees above normal. High temperatures averaged from 91 in the West to 87 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 1 degree above normal in the East. Low temperatures averaged from 70 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 3 degrees above normal in the East.

Rainfall for the period totaled 1.84 inches statewide which was 0.80 inches above normal. Rainfall totals by climate division, West 1.81 inches, Central 1.78 inches, Bluegrass 1.48 inches and East 2.13 inches, which was 0.85, 0.75, 0.43 and 1.03 inches respectively above normal. By station, precipitation totals ranged from a low of 0.09 inches at Covington to a high of 3.39 inches at Hardinsburg.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 3, 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	1.87	17.42	3.22	+0.03	-1.19	93	67	79.0	+3	189	2250	+12
Berea	2.20	17.72	3.96	-0.11	+0.01	89	60	74.9	-0	168	2241	-62
Bowling Green	0.86	17.51	4.37	-1.00	+0.21	94	66	81.0	+5	199	2468	+135
Bristol	1.05	11.35	4.47	-4.02	+0.68	91	60	76.6	+2	177	2191	+75
Buckhorn Lake	2.04	14.40	3.34	-2.80	-0.92	92	65	78.3	+3	189	2257	+238
Cape Girardeau	0.97	19.23	2.89	+2.26	-0.30	96	70	81.6	+4	202	2400	-59
Campbellsville	1.62	15.94	4.07	-3.96	-0.70	91	65	78.4	+3	187	2305	+32
Covington	0.09	17.44	2.68	+1.01	-1.06	91	65	78.4	+3	189	2101	+14
Cumberland Gap	1.48	13.97	4.18	-4.87	-0.49	92	65	78.4	+3	188	2271	+185
Dix Dam	1.66	16.28	2.83	-1.69	-1.55	91	64	77.2	+2	184	2201	-40
Evansville	1.19	21.08	3.26	+4.48	-0.30	95	64	80.4	+3	197	2335	+1
Glasgow	1.45	20.87	6.74	+0.96	+2.07	94	64	80.1	+4	189	2444	+201
Grayson	0.90	16.49	2.43	-0.46	-1.85	90	60	76.2	+1	177	2146	+185
Hardinsburg	3.39	25.42	7.43	+7.31	+3.22	93	66	79.8	+4	192	2337	+4
Henderson	2.53	20.15	4.53	+3.15	+0.92	94	67	80.4	+3	195	2340	-24
Huntington	0.86	16.64	1.60	-0.23	-2.76	91	58	76.1	+1	175	2148	+31
Jackson	1.50	17.31	5.12	-0.73	+0.50	88	64	75.9	+1	178	2182	+163
Lexington	1.23	17.22	2.91	-0.17	-1.50	91	62	77.5	+2	183	2171	+54
London	1.90	15.21	4.51	-1.67	+0.35	92	64	78.1	+3	185	2284	+198
Louisville	2.20	19.56	3.20	+2.40	-0.78	95	68	82.0	+6	204	2484	+147
Mayfield	1.03	11.38	2.18	-6.91	-1.81	92	65	78.6	+1	190	2273	-121
Nashville	0.34	19.20	4.07	+2.08	+0.53	95	72	82.9	+7	206	2565	+73
Nolin Lake	1.96	21.50	4.25	+2.16	-0.19	94	66	80.3	+5	194	2408	+261
Paducah	2.35	23.33	6.92	+4.82	+3.22	96	68	81.5	+4	200	2474	+46
Princeton	1.98	19.89	4.51	+1.60	+0.66	95	65	81.0	+3	193	2474	+77
Quicksand	1.47	15.60	4.96	-2.44	+0.34	92	65	78.3	+3	189	2259	+240
Somerset	3.15	20.20	6.18	+1.27	+1.86	89	65	76.9	+2	179	2175	-2
Spindletop	1.15	16.44	2.24	-0.95	-2.17	92	62	77.9	+3	187	2165	+48
Williamstown	1.36	21.78	3.12	+4.56	-0.89	91	64	78.0	+3	188	2121	+4

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/>