



**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: This week consisted of extremely humid conditions. Precipitation for the week totaled 1.78 inches, 0.86 in above normal. Temperature for the week averaged 76 degrees, near normal. **Topsoil moisture** was rated 8 percent short, 65 percent adequate and 27 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 71 percent adequate, and 22 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

Crops: As of Sunday, August 11, **corn** silking was rated at 92 percent compared to 99 percent last year and the five-year average of 96 percent. Sixty-nine percent of corn reached the milk stage, compared to 89 percent last year and the five-year average of 79 percent. Forty percent of corn reached the dough stage, compared to 75 percent last year and the five-year average of 56 percent. Fourteen percent of corn reached the dent stage, compared to 61 percent last year and the five-year average of 36 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 9 percent fair, 43 percent good, and 45 percent excellent. **Soybean** blooming reached 69 percent complete, compared to 84 percent last year and the five-year average of 82 percent. Soybean setting pods reached 42 percent, compared with 66 percent last year and the five-year average of 57 percent. Condition of the soybean crop was rated 2 percent poor, 11 percent fair, 56 percent good, and 31 percent excellent.

Tobacco: Seventy-four percent of Burley tobacco was blooming compared to 73 percent last year and 72 percent for the five-year average. Burley was 47 percent topped, compared to 47 last year and the five-year average of 51 percent. Six percent of burley tobacco has been cut, compared to 5 percent last year and the five-year average. Dark tobacco reached 89 percent blooming, behind last year at 94 percent and the five-year average of 93 percent. Seventy-two percent of dark tobacco was topped compared to 81 percent last year and 76 percent for the five-year average. Two percent of dark tobacco

was cut, compared to 4 percent last year and the five-year average. Condition of set tobacco was rated as 5 percent very poor, 10 percent poor, 25 percent fair, 47 percent good, and 13 percent excellent.

Pasture: Pasture condition was reported as 3 percent poor, 15 percent fair, 56 percent good, and 26 percent excellent.

CROP PROGRESS for week ending 08/11/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silk	92	84	99	96
Corn Milk	69	53	89	79
Corn Dough	40	26	75	56
Corn Dent	14	9	61	36
Soybeans Blooming	69	54	84	82
Soybeans Setting Pods	42	28	66	57
Burley Tobacco Blooming	74	60	73	72
Burley Tobacco Topped	47	33	47	51
Burley Tobacco Cut	6	N/A	5	5
Dark Tobacco Blooming	89	80	94	93
Dark Tobacco Topped	72	60	81	76
Dark Tobacco Cut	2	N/A	4	4

SOIL MOISTURE for week ending 08/11/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	8	65	27
Subsoil	1	6	71	22

CROP CONDITIONS for week ending 08/11/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	9	43	45
Soybeans	-	2	11	56	31
Pasture	-	3	15	56	26
Tobacco Set	5	10	25	47	13

KENTUCKY WEATHER SUMMARY, AUGUST 5 - 11, 2013:

Near Normal Temperatures and Above Normal Rainfall:

Unsettled conditions kept the Commonwealth wet for much of this past period as the state remained in a rather unstable and very moist air mass. Over the course of the week, the state averaged over 1.5 inches, which was nearly an inch above normal. The rain started falling on Tuesday in mainly western portions of the state as a complex of showers and storms moved east into Kentucky over the course of the day. This was then followed by a front slowly sagging south into the region for the latter half of the work week and into the weekend. This feature allowed for higher coverage at the statewide level as multiple upper level disturbances rode across this boundary. This resulted in a number of rainfall opportunities across the state during this period. The week then ended with the focus for showers primarily in southern portions of the Commonwealth as the front sagged south and drier air moved in from the north.

Temperatures for the period averaged 76 degrees across the state which was near normal and 4 degrees warmer than the previous period. High temperatures averaged from 83 in the West to 83 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at FORT CAMPBELL and the extreme low was 51 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.78 inches statewide which was 0.86 inches above normal and 195% of normal. Precipitation totals by climate division, West 1.53 inches, Central 1.99 inches, Bluegrass 1.86 inches and East 1.75 inches, which was 0.65, 1.1, 0.97 and 0.75 inches above normal. By station, precipitation totals ranged from a low of 0.09 inches at SHEPHERDSVILLE 6SE to a high of 5.32 inches at MAYFIELD 6SW.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 11, 7:00 P.M.

Weather Station	Rainfall		Dev. From Norm		Air Temperature			Growing Degree Days				
	Since Last Week	Last April 1	Since April 1	Norm Last 4 Wks.	Hi	Lo	Avg.	From Norm	Last Week	Since April 1		
	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)		
Bardstown	2.48	21.36	3.97	+2.96	-0.17	87	55	76	+1	182	2426	-70
Berea	3.17	25.72	6.48	+6.86	+2.64	84	53	74	0	168	2306	-242
Bowling Green	3.12	26.90	6.27	+7.48	+2.43	89	59	78	+3	195	2770	+177
Bristol	1.50	26.34	5.47	+10.16	+1.98	87	59	74	0	172	2304	-61
Buckhorn Lake	3.19	22.13	4.58	+3.98	+0.63	85	57	74	0	169	2350	+90
Cape Girardeau	3.49	20.40	4.15	+2.53	+0.97	89	66	76	-1	184	2668	-47
Campbellsville	1.48	25.70	3.55	+4.62	-1.02	85	55	75	0	178	2352	-173
Covington	1.78	21.87	3.44	+4.57	-0.07	87	54	75	+1	178	2434	+111
Cumberland Gap	3.46	28.15	5.62	+8.19	+1.19	87	58	75	+1	178	2373	+26
Dix Dam	4.47	31.89	8.31	+12.92	+4.21	85	56	76	+2	178	2358	-127
Evansville	0.03	19.35	2.50	+1.95	-0.82	90	60	78	+1	195	2652	+72
Glasgow	2.78	27.15	4.22	+6.20	-0.12	87	59	76	+1	184	2506	-2
Grayson	1.46	20.77	4.17	+2.85	+0.17	83	52	74	0	166	2292	+84
Hardinsburg	1.33	21.17	2.31	+2.09	-1.65	88	56	76	+1	185	2466	-139
Henderson	0.21	19.05	4.26	+1.24	+0.89	86	58	75	-2	178	2553	-78
Huntington	2.10	19.93	4.51	+2.04	+0.41	86	57	76	+2	180	2520	+138
Jackson	3.54	24.57	5.89	+5.50	+1.59	85	59	74	0	170	2410	+150
Lexington	1.66	28.41	4.91	+10.01	+0.77	87	56	77	+3	187	2521	+111
London	0.93	26.37	2.16	+8.64	-1.62	88	58	76	+2	178	2342	-42
Louisville	1.23	18.49	3.54	+0.41	-0.19	90	61	79	+4	202	2792	+222
Mayfield	2.40	31.17	6.49	+11.89	+2.67	86	67	76	-1	182	2596	-40
Nashville	1.26	22.45	2.98	+4.43	-0.42	91	64	78	+3	199	2814	+46
Nolin Lake	3.09	24.92	4.45	+4.61	+0.35	87	65	77	+2	192	2698	+308
Paducah	1.78	23.15	3.65	+3.77	+0.17	88	64	76	-1	182	2650	-29
Princeton	1.51	24.74	5.29	+5.42	+1.51	86	60	76	-1	183	2545	-128
Quicksand	2.32	21.64	3.84	+2.57	-0.46	87	57	75	+1	174	2370	+110
Somerset	1.41	23.30	3.20	+3.36	-0.87	86	56	75	+1	178	2314	-102
Spindletop	0.45	26.80	3.17	+8.40	-0.97	83	53	73	-1	164	2260	-150
Williamstown	1.75	25.09	4.60	+6.91	+0.79	85	55	74	0	171	2310	-48