



**NATIONAL  
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STATISTICS  
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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 drier conditions with rainfall totals at nearly half an inch below normal. Precipitation for the week totaled 0.54 inches, 0.45 inches below normal for this point in the season. Temperature for the week averaged 76 degrees, near normal. **Topsoil moisture** was rated 1 percent very short, 3 percent short, 55 percent adequate and 41 percent surplus. **Subsoil moisture** was rated 1 percent very short, 2 percent short, 60 percent adequate, and 37 percent surplus. Days suitable for fieldwork averaged 3.3 out of a possible seven.

**Crops:** As of Sunday, July 14, the **corn** crop was 56 percent tasseled, trailing both last year at 89 percent and the five year average of 62 percent. Corn silking was rated at 37 percent compared to 75 percent last year and the five year average of 55 percent. Condition of the corn crop was rated as 2 percent poor, 13 percent fair, 50 percent good, and 35 percent excellent. The **soybean** crop was 93 percent emerged compared to 100 percent last year and the five year average of 99 percent. Soybean blooming was 11 percent complete, compared to 50 percent last year and the five year average of 34 percent. Condition of the soybean crop was rated 2 percent poor, 14 percent fair, 59 percent good, and 25 percent excellent.

**Tobacco:** Nineteen percent of Burley tobacco was blooming compared to 26 percent last year and 17 percent for the five year average. Burley was 5 percent topped compared to 5 percent last year and the five year average of 3 percent. Dark tobacco had 32 percent blooming, behind last year at 56 percent and the five year average of 37 percent. Five percent of dark tobacco was topped compared to 13 percent last year and 8 percent for the five year average. Condition of set tobacco was rated as 4 percent very poor, 9 percent poor, 25 percent fair, 46 percent

good, and 16 percent excellent. Reports of damage due to excess moisture in fields continue throughout the state.

**Small Grains:** As of July 14, 93 percent of the winter **wheat** crop had been harvested compared to 100 percent last year and the five year average of 99 percent.

**Pasture:** Pasture condition was reported as 1 percent very poor, 3 percent poor, 16 percent fair, 56 percent good, and 24 percent excellent.

**CROP PROGRESS for week ending 07/14/13**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Tasseling	56	34	89	62
Corn Silking	37	16	75	55
Soybeans Emerged	93	83	100	99
Soybeans Blooming	11	4	50	34
Wheat Harvested	93	84	100	99
Burley Tobacco Blooming	19	9	26	17
Burley Tobacco Topped	5	N/A	5	3
Dark Tobacco Blooming	32	12	56	37
Dark Tobacco Topped	5	N/A	13	8

**SOIL MOISTURE for week ending 07/14/13**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	3	55	41
Subsoil	1	2	60	37

**CROP CONDITIONS for week ending 07/14/13**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	-	2	13	50	35
Soybeans	-	2	14	59	25
Pasture	1	3	16	56	24
Tobacco Set	4	9	25	46	16

# KENTUCKY WEATHER SUMMARY, JULY 8 - 14, 2013:

Near Normal Temperatures and Below Normal Rainfall:

The Commonwealth finally got the opportunity to dry out this past period as rainfall totals were nearly a half inch below normal. This marked the first time since the early stages of June that the state had a week of below average precipitation. The period started off with high pressure off the east coast pumping warm, humid air from the Gulf. Temperatures reached around 90 in many locations with dew points in the low 70s through the early portions of the work week. This pushed the livestock heat stress index into the danger category each day. Wednesday brought the only significant rainfall event for the week as strong to severe storms fired ahead of a cold front passing through the area. South central Kentucky saw the highest totals with amounts over a half inch common. Drier and cooler air filtered into the lower Ohio Valley by Thursday night. Lows were well below normal with readings dropping into the upper 50s to low 60s statewide. The weekend brought another period of unsettled weather as an unusual upper level low moved west across the area. This acted to spark another round of isolated to scattered thunderstorms.

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 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than 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 near normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at Poplar Bluff ASOS and the extreme low was 57 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.54 inches statewide which was 0.45 inches below normal and 54% of normal. Precipitation totals by climate division, West 0.17 inches, Central 0.61 inches, Bluegrass 0.50 inches and East 0.89 inches, which was 0.81, 0.39, 0.48 and 0.12 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CARBONDALE ASOS to a high of 1.76 inches at ALBANY 1N.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 14, 7:00 P.M.

Weather Station	Rainfall		Dev. From Norm		Air Temperature			Growing Degree Days				
	Since Last Week	Last Four Wks.	Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Wkly. Avg.	From Norm	Last Week	Since Apr 1		
	(Inches)	(Inches)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)		
Bardstown	1.00	17.39	8.93	+3.12	+4.96	92	60	75	-1	176	1736	-75
Berea	0.36	19.24	6.96	+4.22	+3.12	89	59	74	-1	170	1659	-197
Bowling Green	0.25	20.63	6.97	+5.06	+2.88	93	62	79	+3	202	2016	+137
Bristol	0.72	20.87	9.93	+8.18	+6.33	89	63	75	0	175	1622	-82
Buckhorn Lake	0.20	17.55	6.51	+3.35	+2.39	87	60	75	0	173	1694	+57
Cape Girardeau	0.06	16.25	4.14	+1.56	+0.92	95	59	79	+1	200	1922	-54
Campbellsville	0.63	22.15	9.59	+5.63	+5.22	90	59	75	-1	176	1686	-146
Covington	0.29	18.43	8.29	+4.65	+4.58	89	61	78	+3	194	1752	+98
Cumberland Gap	1.10	22.53	7.43	+7.00	+3.06	88	61	75	0	177	1696	+2
Dix Dam	0.85	23.58	10.75	+8.71	+6.80	88	61	75	0	176	1686	-110
Evansville	0.07	16.85	6.26	+2.77	+2.81	92	61	78	0	198	1892	+26
Glasgow	0.96	22.93	8.99	+6.32	+4.45	89	59	76	0	181	1796	-14
Grayson	0.19	16.60	7.46	+2.68	+3.47	89	58	75	0	178	1638	+61
Hardinsburg	0.28	18.86	4.22	+3.74	+0.30	90	59	76	0	180	1770	-125
Henderson	0.00	14.79	4.73	+0.34	+1.11	90	59	77	-1	186	1853	-65
Huntington	0.64	15.42	8.69	+1.63	+4.74	90	61	77	+2	188	1816	+102
Jackson	0.89	18.68	7.14	+3.91	+2.99	88	60	75	0	176	1744	+107
Lexington	1.52	23.50	10.25	+9.23	+6.28	90	61	76	+1	184	1812	+86
London	1.00	24.21	9.76	+10.26	+5.92	89	61	75	0	176	1672	-51
Louisville	0.49	14.95	6.59	+0.60	+2.94	92	63	79	+3	200	2020	+172
Mayfield	0.06	24.68	6.04	+9.22	+2.44	90	59	77	-1	191	1884	-56
Nashville	0.93	19.47	6.64	+4.86	+3.18	95	63	80	+4	208	2020	0
Nolin Lake	0.03	20.47	8.56	+4.26	+4.45	94	60	78	+2	196	1950	+219
Paducah	0.18	19.50	3.68	+3.61	-0.10	93	61	80	+2	206	1924	-24
Princeton	0.00	19.45	3.97	+3.90	+0.24	91	60	77	-1	187	1842	-111
Quicksand	0.54	17.80	7.23	+3.03	+3.08	89	59	76	+1	180	1684	+47
Somerset	0.63	20.10	8.37	+4.23	+4.18	89	59	75	0	173	1652	-103
Spindletop	1.14	23.63	11.13	+9.36	+7.16	87	59	74	-1	168	1630	-96
Williamstown	0.15	20.49	8.48	+6.11	+4.67	89	58	75	0	178	1660	-33