



**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: Weather for the past week consisted of cooling temperatures and scattered precipitation. Temperature statewide averaged 54 degrees which was 6 degrees cooler than the previous week. The last part of the week brought frost to some locations as nighttime temperatures dropped as low as the upper 20s. The rainfall average for the week was 1.77 inches, which was 0.73 inches above normal. The central part of the state received the heaviest precipitation with 2.52 inches. **Topsoil moisture** was rated 2 percent short, 62 percent adequate and 36 percent surplus. **Subsoil moisture** was rated 3 percent short, 75 percent adequate and 22 percent surplus. Days suitable for fieldwork averaged 3.5 out of a possible seven. Planting remains the primary farming activity as wet weather continues to hold progress back.

Crops: Condition of the **Winter wheat** crop was rated 1 percent very poor, 1 percent poor, 8 percent fair, 62 percent good and 28 percent excellent. Eight percent of the wheat crop was heading by the end of the week compared to 86 percent last year and 30 percent for the five year average. As of Sunday, April 28, 24 percent of **corn** was in the ground. Corn planting is well behind last year at 84 percent and the five year average of 48 percent. Only 5 percent of the corn crop has emerged at this juncture of the

season. Planting pace should pick up as more accommodating weather arrives.

Tobacco: At 45 percent, the majority of seeded tobacco transplants are under 2 inches at this time. Thirty-eight percent were 2-4 inches, while 17 percent were larger than 4 inches.

PASTURE: The precipitation this past week slightly improved pasture conditions despite cool temperatures. Pasture condition was reported as 1 percent very poor, 6 percent poor, 29 percent fair, 53 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 04/28/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
				Percent
Corn Planted	24	15	84	48
Corn Emerged	5	N/A	53	23
Wheat Headed	8	3	86	30

SOIL MOISTURE for week ending 04/28/13

	Very Short	Short	Adequate	Surplus
				Percent
Topsoil	-	2	62	36
Subsoil	-	3	75	22

CROP CONDITIONS for week ending 04/28/13

Crop	Very Poor	Poor	Fair	Good	Ex
					Percent
Wheat	1	1	8	62	28
Pasture	1	6	29	53	11

KENTUCKY WEATHER SUMMARY, APRIL 22 – 28, 2013:

Below Normal Temperatures and Above Normal Rainfall

Unsettled weather was the focus of this past period as the Bluegrass State saw multiple opportunities for rainfall. Saying this, the week started off with high pressure to the east and an approaching cold front to the west. Southerly flow kept temperatures in the upper 60s to lower 70s. It was not until Tuesday evening and into the overnight that the boundary passed through the region. Rainfall amounts averaged over a half inch across the state during this event. Conditions dried out for the remainder of the work week as surface high pressure nosed into the region, but with much cooler temperatures. Clear skies and nearly calm winds created ideal conditions for frost Thursday and Friday morning. The most extensive coverage was seen Thursday as some locations even saw low temperatures drop into the upper 20s. The second round of rainfall came Friday and lasted through the weekend as a slow moving upper level disturbance passed over the Bluegrass State. This brought on and off periods of showers across Kentucky with an average of just over an inch. Highs stayed mainly in the 60s and assisted in leading to the first week of below normal temperatures since the start of the month.

Temperatures for the period averaged 54 degrees across the state which was 4 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 64 in the West to 66 in the East. Departure from normal high temperatures ranged from 8 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 45 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 0 degrees from normal in the East. The extreme high temperature for the period was 76 degrees at PEABODY and the extreme low was 28 degrees at HARTFORD 3E.

Precipitation (liq. equ.) for the period totaled 1.77 inches statewide which was 0.73 inches above normal and 169% of normal. Precipitation totals by climate division, West 1.87 inches, Central 2.52 inches, Bluegrass 1.33 inches and East 1.37 inches, which was 0.67, 1.46, 0.37 and 0.41 inches above normal. By station, precipitation totals ranged from a low of 0.38 inches at MORGANFIELD 4E to a high of 4.04 inches at BOWLING GREEN 5S.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 29, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.
	Since Last Week	Jan 1	From Normal Since Jan 1	S o i l		A i r		Wkly. Avg.	Deviation From Normal
	(I n c h e s)			(D e g r e e s F a h r e n h e i t)					
Bardstown	1.71	14.95	+0.86	65	50	70	31	54	-6
Berea	1.26	16.70	+2.67	65	50	71	34	53	-6
Bowling Green	3.41	19.74	+2.66	65	50	75	32	56	-4
Bristol	1.05	20.28	+6.83	65	50	73	34	54	-5
Buckhorn Lake	0.94	14.51	-0.46	66	51	73	37	55	-4
Cape Girardeau	0.75	14.33	-1.05	58	56	72	33	54	-8
Campbellsville	2.51	16.67	-0.28	65	50	71	29	53	-7
Covington	0.82	12.11	-0.91	65	50	69	29	54	-5
Cumberland Gap	1.80	19.65	+2.46	65	50	73	33	54	-5
Dix Dam	1.86	15.87	+1.21	65	50	69	33	54	-5
Evansville	0.43	17.50	+3.26	66	51	72	35	54	-8
Glasgow	3.63	19.25	+1.89	58	56	71	32	55	-5
Grayson	0.49	14.35	+1.80	65	50	71	32	53	-6
Hardinsburg	1.97	18.42	+2.43	65	50	73	28	54	-6
Henderson	0.38	18.06	+3.20	65	50	73	35	54	-8
Huntington	0.34	11.73	-0.74	65	50	74	36	56	-3
Jackson	1.12	15.81	+0.75	66	51	74	40	56	-3
Lexington	1.79	16.28	+2.19	58	56	70	33	54	-5
London	1.82	18.41	+3.25	65	50	71	35	54	-5
Louisville	0.91	15.15	+0.38	66	51	73	35	56	-4
Mayfield	3.20	23.23	+4.74	65	50	73	33	55	-7
Nashville	4.25	20.85	+4.51	65	50	76	36	57	-3
Nolin Lake	2.75	19.00	+2.75	66	51	75	31	56	-4
Paducah	1.46	21.47	+4.70	58	56	73	32	54	-8
Princeton	1.62	19.46	+1.81	65	50	73	30	55	-7
Quicksand	1.08	15.40	+0.34	66	51	74	33	55	-4
Somerset	2.44	18.50	+2.35	65	50	70	30	53	-6
Spindletop	3.32	20.36	+6.27	57	50	68	34	52	-7
Williamstown	1.18	14.56	+0.68	58	56	69	33	53	-6

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/>