



**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

**DAVID KNOPF, Director**

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3-14

**Agricultural News:** Snow and below freezing temperatures interrupted work in the Commonwealth at the beginning of the week. However, temperatures increased over the weekend. Precipitation for the week totaled 0.71 inches, 0.28 inches below normal. Temperatures averaged 54 degrees, across the state, for the week, 2 degrees cooler than normal and 6 degrees cooler than last period. The highest temperature this week was 81 degrees at the MADISONVILLE 4S weather station, and the lowest temperature was 21 degrees at the PIKEVILLE 13S weather station. **Topsoil moisture** was rated 4 percent short, 69 percent adequate and 27 percent surplus. **Subsoil moisture** was rated 4 percent short, 75 percent adequate and 21 percent surplus. Days suitable for fieldwork averaged 4 out of a possible seven. Soils remain too wet for most fieldwork. Primary activities this week included preparing fields for planting, and applying fertilizer.

**Crops:** Ten percent of the **corn** crop had been planted, behind last year's 14 percent and the five-year average of 30 percent. **Winter wheat** continues to be concentrated in the good to fair condition with 3 percent very poor, 9 percent poor, 25 percent fair, 48 percent good, and 15 percent excellent. Winter damage was reported on 40 percent of wheat with 29 percent rated as light, 9 percent moderate, and 2 percent severe.

**Tobacco:** Ninety-two percent of the tobacco transplants had been seeded in comparison to 90 percent last year and the five-year average of 90. Tobacco transplant conditions were rated as 2 percent poor, 13 percent fair, 67 percent good and 18 percent excellent.

**Pasture and Hay:** Pasture condition was reported as 3 percent very poor, 10 percent poor, 30 percent fair, 49 percent good, and 8 percent excellent. Though, many livestock producers are still feeding their herds hay, the pasture growth in the state is beginning to thrive.

**CROP PROGRESS for week ending 04/20/14**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	92	76	90	90
Corn Planted	10	4	14	30

**SOIL MOISTURE for week ending 04/20/14**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	4	69	27
Subsoil	-	4	75	21

**CROP CONDITIONS for week ending 04/20/14**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	3	9	25	48	15
Pasture	3	10	30	49	8
Tobacco Transplants	-	2	13	67	18

# KENTUCKY WEATHER SUMMARY, APRIL 14 - 20, 2014:

Below Normal Temperatures and Below Normal Precipitation:

Winter and spring both made an appearance this past period with even a late season snow event in the mix. A frontal boundary passed across the Commonwealth to start off the work week, making for the only precipitation event for the period. Central portions of the state saw the most with a half to one inch falling in most areas. Breezy northwest flow picked up behind the front with some portions of the Bluegrass and Eastern Kentucky even seeing some snowfall on Tuesday. One inch was recorded at the National Weather Service in Jackson. According to the office, this resulted in the longest snow season on record with a total of 174 days. High pressure then moved overhead that night. Skies cleared and winds slackened, allowing for a widespread freeze across the state. Most got down into the mid to upper 20s, but some sheltered and low lying locations even dove into the low 20s. Kentucky then became under the influence of high pressure for the majority of the time through Sunday. Temperatures rebounded and surpassed seasonal norms over the weekend with most locations getting into the upper 70s to low 80s by Sunday.

Temperatures for the period averaged 54 degrees across the state which was 2 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 68 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 41 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 81 degrees at MADISONVILLE 4S and the extreme low was 21 degrees at PIKEVILLE 13S.

Precipitation (liq. equ.) for the period totaled 0.71 inches statewide which was 0.28 inches below normal and 72% of normal. Precipitation totals by climate division, West 1.15 inches, Central 0.73 inches, Bluegrass 0.57 inches and East 0.38 inches, which was 0.03, -0.26, -0.33 and -0.55 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at PIKEVILLE 13S to a high of 1.61 inches at MURRAY 1W.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 21, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.	
	=====		From	=====					Deviation	
	Last	Since	Normal	S o i l		A i r		Wkly.		
Week	Jan 1	Jan 1	4 In.	Grass	High	Low	High	Low	Avg.	From
=====										
(I n c h e s)			(D e g r e e s F a h r e n h e i t)							
Bardstown	0.79	13.08	+0.02	67	51	78	26	54	-3	
Berea	0.44	14.50	+1.61	67	51	76	24	52	-4	
Bowling Green	0.69	13.96	-1.97	67	51	77	27	54	-3	
Bristol	0.32	9.09	-3.48	67	51	76	25	54	-2	
Buckhorn Lake	0.30	13.95	-0.02	67	51	77	26	56	0	
Cape Girardeau	1.05	9.03	-5.17	59	54	78	31	53	-6	
Campbellsville	0.39	14.45	-1.24	67	51	77	25	54	-3	
Covington	0.65	12.66	+0.64	67	51	76	27	52	-4	
Cumberland Gap	0.60	14.76	-1.34	67	51	78	25	55	-1	
Dix Dam	0.37	12.61	-0.92	67	51	75	24	53	-3	
Evansville	0.62	14.85	+1.68	67	51	79	32	53	-6	
Glasgow	0.77	14.05	-2.09	67	51	76	29	54	-3	
Grayson	0.42	12.33	+0.75	67	51	77	23	52	-4	
Hardinsburg	1.26	15.76	+0.92	67	51	79	27	54	-3	
Henderson	1.38	14.57	+0.85	67	51	76	31	52	-7	
Huntington	0.36	11.50	-0.01	67	51	78	25	56	0	
Jackson	0.28	15.53	+1.57	67	51	78	27	58	+2	
Lexington	0.37	11.93	-1.13	65	54	76	27	54	-2	
London	0.35	13.43	-0.68	67	51	78	28	56	0	
Louisville	0.87	13.05	-0.59	67	51	80	31	56	-1	
Mayfield	1.61	16.60	-0.55	67	51	78	32	54	-5	
Nashville	0.55	15.54	+0.37	67	51	82	31	56	-1	
Nolin Lake	0.87	15.98	+0.94	67	51	82	28	58	+1	
Paducah	1.54	13.26	-2.17	59	54	80	32	55	-4	
Princeton	1.51	16.32	-0.05	67	51	77	31	53	-6	
Quicksand	0.28	15.33	+1.37	67	51	78	25	54	-2	
Somerset	0.43	16.47	+1.48	66	47	77	25	53	-3	
Spindletop	0.37	12.49	-0.57	65	54	76	27	54	-2	
Williamstown	0.68	14.36	+1.58	65	54	75	25	52	-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.gwax.ca.uky.edu/>