



**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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Agricultural News: The Commonwealth experienced drier conditions over the past week. Precipitation for the week totaled 0.65 inches, 0.39 inches below normal. Temperatures averaged 62 degrees for the week, 4 degrees warmer than normal. **Topsoil moisture** was rated 1 percent very short, 6 percent short, 72 percent adequate and 21 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 75 percent adequate and 17 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven. Primary activities this week included planting corn and applying fertilizer. Fruit trees along with early set vegetables were adversely impacted by the freeze on April 15.

Grains and Oilseed: As of Sunday, April 27, 32 percent of the **corn** crop had been planted, compared with 23 percent last year and the five year average of 44. Seven percent of the corn crop has emerged, compared with 4 percent last year and the five year average of 22 percent. **Soybean** planting is in the beginning stages with 1 percent planted, compared to the five year average of 4 percent. One percent of **winter wheat** has headed compared to 7 percent last year and the five year average of 28 percent. Winter wheat is in mostly good to fair condition with 2 percent very poor, 8 percent poor, 26 percent fair, 49 percent good, and 15 percent excellent. Average height of wheat was 13 inches.

Tobacco: Seeded tobacco transplants were reported in mostly good to excellent condition with 2 percent poor, 12 percent fair, 66 percent good, and 20 percent excellent.

Pasture and Hay: Pasture condition was rated as 3 percent very poor, 8 percent poor, 29 percent fair, 52 percent good, and 8 percent excellent. Average height of alfalfa was 9 inches at the end of the week.

The projected first cutting of alfalfa is May 14th.

Other: Freeze damage to apples was reported on 58 percent of crop with 31 percent rated light, 20 percent moderate, and 7 percent severe. Freeze damage to peaches was reported on 61 percent of crop with 17 percent rated light, 15 percent moderate, and 29 percent severe. Strawberry condition was rated as 2 percent very poor, 3 percent poor, 20 percent fair, 64 percent good, and 11 percent excellent. Condition of livestock was rated as 2 percent very poor, 5 percent poor, 22 percent fair, 61 percent good, and 10 percent excellent.

CROP PROGRESS for week ending 04/27/14

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
		Percent		
Corn Planted	32	10	23	44
Corn Emerged	7	N/A	4	22
Soybeans Planted	1	N/A	0	4
Wheat Headed	1	N/A	7	28

SOIL MOISTURE for week ending 04/27/14

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	1	6	72	21
Subsoil	1	7	75	17

CROP CONDITIONS for week ending 04/27/14

Commodity	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	2	8	26	49	15
Pasture	3	8	29	52	8
Tobacco Transplants	-	2	12	66	20
Strawberry	2	3	20	64	11
Livestock	2	5	22	61	10

KENTUCKY WEATHER SUMMARY, APRIL 21 - 27, 2014:

Above Normal Temperatures and Below Normal Precipitation:

The Commonwealth has now gone 3 straight weeks with seeing below normal precipitation. The state only saw a couple significant rounds of rainfall this previous period with the first coming Thursday night and into Friday. A cold front was dragged through the region with soaking rainfall in place. An upper level disturbance then pushed into Western Kentucky late Sunday, sparking scattered showers and storms across the region. The two events combined for a statewide average of 0.65 inches, which was nearly a half inch below normal. Temperature-wise, after a rather cool previous period, temperatures rebounded to above normal readings for much of the week. This kept a late-season frost out of the picture. Over the course of the period, high temperatures got into the mid 70s to low 80s on multiple occasions.

Temperatures for the period averaged 62 degrees across the state which was 4 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 75 in the West to 75 in the East. Departure from normal high temperatures ranged from 3 degrees warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 51 degrees in the West to 47 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at PEABODY and the extreme low was 33 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.65 inches statewide which was 0.39 inches below normal and 63% of normal. Precipitation totals by climate division, West 0.62 inches, Central 0.58 inches, Bluegrass 0.57 inches and East 0.83 inches, which was 0.57, 0.47, 0.38 and 0.12 inches below normal. By station, precipitation totals ranged from a low of 0.11 inches at MADISONVILLE 4S to a high of 1.72 inches at CALHOUN 5NW.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 27, 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		Deviation	
				4 In. High	Grass Low	High	Low	Wkly. Avg.	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	0.78	13.86	-0.10	60	55	81	37	62	+2
Berea	0.77	15.27	+1.39	60	55	83	34	59	+1
Bowling Green	0.93	14.89	-2.05	65	60	80	41	62	+2
Bristol	0.54	9.63	-3.71	65	60	84	34	59	+1
Buckhorn Lake	0.56	14.51	-0.34	60	55	86	39	61	+3
Cape Girardeau	0.78	9.81	-5.43	65	60	80	40	63	+1
Campbellsville	0.93	15.38	-1.42	60	55	82	39	61	+1
Covington	0.20	12.86	-0.03	60	55	80	38	60	+2
Cumberland Gap	1.27	16.03	-1.02	65	60	84	37	60	+2
Dix Dam	0.78	13.39	-1.13	60	55	81	36	60	+2
Evansville	0.21	15.06	+0.95	65	60	79	44	62	0
Glasgow	1.18	15.23	-1.97	65	60	80	42	62	+2
Grayson	1.06	13.39	+0.96	60	55	80	34	58	0
Hardinsburg	0.91	16.67	+0.82	65	60	83	44	63	+3
Henderson	1.40	15.97	+1.26	65	60	82	45	63	+1
Huntington	0.93	12.43	+0.08	60	55	80	40	59	+1
Jackson	0.96	16.49	+1.57	60	55	85	42	63	+5
Lexington	0.73	12.66	-1.30	60	55	81	39	62	+4
London	0.74	14.17	-0.86	60	55	84	41	62	+4
Louisville	0.18	13.23	-1.40	60	55	83	45	65	+5
Mayfield	0.17	16.77	-1.56	65	60	80	45	64	+2
Nashville	0.71	16.25	+0.06	65	60	83	41	64	+4
Nolin Lake	0.48	16.46	+0.36	65	60	85	42	65	+5
Paducah	0.30	13.56	-3.04	65	60	81	43	66	+4
Princeton	0.33	16.65	-0.84	65	60	81	43	64	+2
Quicksand	0.84	16.17	+1.25	65	60	85	35	59	+1
Somerset	0.70	17.17	+1.17	60	55	81	38	60	+2
Spindletop	0.87	13.36	-0.60	60	55	80	39	60	+2
Williamstown	0.42	14.78	+1.04	60	55	77	39	60	+2

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/>