



**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

Released weekly April - November

Issued 4:00 P.M., April 7, 2014

1-14

Agricultural News: The Commonwealth experienced extremely wet conditions over the past week. Precipitation for the week totaled 2.19 inches, 1.2 inches above normal. Temperatures averaged 56 degrees for the week, 4 degrees warmer than normal. **Topsoil moisture** was rated 1 percent short, 50 percent adequate and 49 percent surplus. **Subsoil moisture** was rated 3 percent short, 65 percent adequate and 32 percent surplus. Days suitable for fieldwork averaged 2.9 out of a possible seven. Primary activities this week included securing supplies and preparing farm equipment for planting, applying fertilizer and herbicide to wheat, and plowing for tobacco when the weather permitted.

Tobacco: As of Sunday, April 6, 65 percent of the greenhouse and plant bed seedings had been completed compared with 72 percent last year and the five year average of 72.

Small Grains and Legumes: Fall seeded **wheat** was in mostly fair to good condition. Winter damage for wheat was estimated at 39 percent light, 16 percent moderate, and 5 percent severe. Condition of the wheat crop was rated 3 percent very poor, 7 percent poor, 32 percent fair, 46 percent good and 12 percent excellent.

Alfalfa freeze damage was reported at 37 percent light, 19 percent moderate, and 3 percent severe.

Pasture and Hay: Pasture condition was reported as 5 percent very poor, 17 percent poor, 34 percent fair, 39 percent good, and 5 percent excellent. Hay and roughage supplies were rated 5 percent very short, 16 percent short, 70 percent adequate, and 9 percent surplus. A number of farms have lost cattle due to the harsh winter.

SOIL MOISTURE for week ending 04/06/14

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	1	50	49
Subsoil	0	3	65	32

CROP PROGRESS for week ending 04/06/14

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Tobacco Transplants Seeded	65	N/A	72	72

CROP CONDITIONS for week ending 04/06/14

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	3	7	32	46	12
Pasture	5	17	34	39	5

KENTUCKY WEATHER SUMMARY, MARCH 30 – APRIL 6, 2014:

Above Normal Temperatures and Much Above Normal Precipitation:

An extremely wet pattern setup across the Lower Ohio Valley this past week, bringing impressive rainfall totals across the area. Most of the activity was concentrated over the second half of the work week as a series of disturbances passed through the Commonwealth. The state averaged 2.19 inches over the course of week, which was over an inch above normal. This was although small in comparison to some areas of North Central Kentucky and Western Kentucky that saw in excess of 4 to 6 inches. This would actually be more than the normal amount of precipitation seen over the entire month of April. Accompanying the wet conditions were mild temperatures for the work week. Highs got into the 70s numerous times, with some locations even getting into the low 80s. Canadian high pressure then pushed into the area for the weekend with cooler conditions in place.

Temperatures for the period averaged 56 degrees across the state which was 4 degrees warmer than normal and 14 degrees warmer than the previous period. High temperatures averaged from 69 in the West to 71 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 46 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 83 degrees at LOUISA 1S and the extreme low was 25 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 2.19 inches statewide which was 1.2 inches above normal and 220% of normal. Precipitation totals by climate division, West 2.57 inches, Central 2.36 inches, Bluegrass 2.54 inches and East 1.31 inches, which was 1.48, 1.32, 1.64 and 0.36 inches above normal. By station, precipitation totals ranged from a low of 0.78 inches at MIDDLESBORO AWOS to a high of 5.60 inches at MORGANFIELD 4E.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 6, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.
	Last Week	Since 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)	(I n c h e s)	(D e g r e e s)	4 In. High	Grass Low	High	Low	F a h r e n h e i t	
Bardstown	1.74	12.02	+0.77	60	47	78	32	56	+4
Berea	2.17	13.78	+2.88	60	47	76	28	55	+4
Bowling Green	2.14	13.05	-0.86	60	47	80	28	58	+6
Bristol	0.57	8.03	-3.00	60	47	80	27	57	+6
Buckhorn Lake	1.37	13.43	+1.21	60	47	80	31	58	+7
Cape Girardeau	1.97	7.28	-4.86	56	49	76	39	58	+4
Campbellsville	2.66	13.92	+0.44	60	47	78	29	56	+4
Covington	3.15	10.97	+0.70	60	47	76	31	52	+1
Cumberland Gap	0.80	13.73	-0.47	60	47	81	28	57	+6
Dix Dam	1.53	11.95	+0.39	60	47	77	33	56	+5
Evansville	6.24	13.06	+1.77	60	47	72	36	55	+1
Glasgow	1.81	12.91	-1.11	56	49	79	32	58	+6
Grayson	1.30	11.60	+1.71	60	47	77	27	54	+3
Hardinsburg	3.17	14.05	+1.22	60	47	81	31	58	+6
Henderson	5.60	12.46	+0.73	60	47	73	34	55	+1
Huntington	0.86	11.09	+1.26	60	47	80	27	54	+3
Jackson	1.98	15.08	+3.03	60	47	82	35	59	+8
Lexington	1.38	11.31	+0.06	56	49	79	32	57	+6
London	1.13	12.81	+0.53	60	47	80	30	58	+7
Louisville	2.79	11.22	-0.45	60	47	80	36	56	+4
Mayfield	1.75	14.30	-0.49	60	47	77	37	60	+6
Nashville	2.60	14.66	+1.53	60	47	82	34	60	+8
Nolin Lake	2.43	14.83	+1.90	60	47	80	32	59	+7
Paducah	2.44	10.97	-2.12	56	49	81	36	59	+5
Princeton	2.90	13.78	-0.35	60	47	78	34	59	+5
Quicksand	2.03	14.89	+2.84	60	47	81	28	56	+5
Somerset	2.48	15.81	+2.85	60	45	78	29	56	+5
Spindletop	1.04	11.87	+0.62	54	42	74	31	53	+2
Williamstown	4.51	13.12	+2.28	56	49	76	31	53	+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/>