



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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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2-13

AGRICULTURAL NEWS: Warmer weather finally arrived at the end of the week with temperatures in the 70's. Soil temperatures are still cool which limited field activities to fertilizing and plowing. Temperatures averaged 48 degrees which was 4 degrees below normal. This was the 7th consecutive week with below normal temperatures. Little precipitation was received this week with amounts ranging from none to .52 inches. Average rainfall was .10 inches statewide, which was .89 inches below normal. This was the 7th consecutive week with below normal precipitation. **Topsoil moisture** was rated 7 percent short, 74 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 76 percent adequate and 16 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven. Major farm activities this week included reseeding pastures, preparing equipment for planting and some field preparation. Most fruit trees were just beginning to set buds and little frost damage had been reported at this time. A few producers began planting corn over the weekend.

TOBACCO: As of Sunday, April 7, 74 percent of the greenhouse and plant bed seedings had been completed compared with 83 percent last year and the five year average of 74. About 37 percent of the transplants had emerged, well behind the 53 percent a year ago and the average of 39.

WHEAT: Fall seeded wheat was in mostly good to excellent condition but lack of moisture and cool temperatures is slowing growth and causing some stress to the crop. Condition of the wheat crop was rated 1 percent very poor, 2 percent poor, 19 percent fair, 57 percent good and 21 percent excellent. Average height of the crop was 9 inches.

PASTURE & LIVESTOCK: Pasture condition was reported as 6 percent very poor, 15 percent poor, 38 percent fair, 37 percent good, and 4 percent excellent. Many operators were still feeding hay and are hoping for rapid forage growth this week as hay supplies are running low in many areas.

CROP PROGRESS for week ending 04/07/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	74	57	83	74
Emerged	37	N/A	53	39
Fruit Trees Bloom	28	N/A	83	54

SOIL MOISTURE for week ending 04/07/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	7	74	19
Subsoil	1	7	76	16

CROP CONDITIONS for week ending 04/07/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	2	19	57	21
Pasture	6	15	38	37	4

KENTUCKY WEATHER SUMMARY, APRIL 1 - 7, 2012:

Below Normal Temperatures and Below Normal Rainfall

The Bluegrass State finally saw some warmer temperatures this past week as highs crept into the 70s for the weekend. Saying this, it was still not enough to overcome cooler temperatures earlier in the period and Kentucky witnessed its 7th straight week of below normal temperatures. The week started off with a weak cold front moving through the area with breezy northwest winds and cloud cover limiting temperatures to mainly the mid 40s to mid 50s. High pressure then eventually followed with an extremely dry air mass in place. Relative humidity values dropping into the 20s on Tuesday and Wednesday afternoons were common. Thursday was the only real shot at precipitation as an upper level trough passed through the region. The main focus was across the southern portion of the state, where widespread light rainfall was evident. As high pressure returned over the Commonwealth on Friday, temperatures returned to near normal levels. On Saturday, the combination of this high to the east and a low to the west situated Kentucky in strong southerly flow. Highs over the weekend peaked in the low to mid 70s each day.

Temperatures for the period averaged 48 degrees across the state which was 4 degrees cooler than normal and 6 degrees warmer than the previous period. High temperatures averaged from 61 in the West to 59 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 6 degrees cooler than normal in the East. Low temperatures averaged from 40 degrees in the West to 37 degrees in the East. Departure from normal low temperature ranged from 2 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 BARBOURVILLE 3E and the extreme low was 18 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 0.10 inches statewide which was 0.89 inches below normal and 10% of normal. Precipitation totals by climate division, West 0.06 inches, Central 0.09 inches, Bluegrass 0.03 inches and East 0.20 inches, which was 1.03, 0.94, 0.87 and 0.74 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CALHOUN 5NW to a high of 0.52 inches at BARBOURVILLE 3E.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 7, 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.
=====									
	(I n c h e s)			(D e g r e e s F a h r e n h e i t)					
Bardstown	0.00	12.01	+0.63	56	44	71	26	48	-4
Berea	0.05	11.22	+0.18	56	44	72	21	46	-5
Bowling Green	0.16	13.21	-0.85	56	44	76	31	51	-1
Bristol	0.98	17.13	+5.99	56	44	72	26	47	-4
Buckhorn Lake	0.32	11.29	-1.06	56	46	73	28	49	-2
Cape Girardeau	0.00	9.27	-3.01	53	41	74	30	50	-5
Campbellsville	0.01	12.14	-1.50	56	44	74	24	48	-4
Covington	0.00	8.97	-1.42	56	44	73	22	46	-5
Cumberland Gap	0.52	15.16	+0.83	56	44	76	26	49	-2
Dix Dam	0.00	11.01	-0.69	56	44	72	26	48	-3
Evansville	0.00	13.64	+2.21	56	46	76	26	49	-6
Glasgow	0.16	13.08	-1.09	53	41	73	28	49	-3
Grayson	0.00	11.46	+1.45	56	44	71	21	46	-5
Hardinsburg	0.00	13.48	+0.50	56	44	74	26	49	-3
Henderson	0.00	14.60	+2.73	56	44	75	28	49	-6
Huntington	0.05	9.37	-0.58	56	44	76	26	48	-3
Jackson	0.19	12.45	+0.26	56	46	75	30	50	-1
Lexington	0.00	11.41	+0.03	53	41	71	28	48	-3
London	0.25	12.50	+0.09	56	44	74	27	48	-3
Louisville	0.00	11.40	-0.41	56	46	74	30	51	-1
Mayfield	0.16	15.44	+0.48	56	44	73	29	50	-5
Nashville	0.11	13.56	+0.28	56	44	76	34	52	0
Nolin Lake	0.04	13.24	+0.16	56	46	73	30	51	-1
Paducah	0.00	16.10	+2.84	53	41	73	29	50	-5
Princeton	0.06	13.80	-0.49	56	44	73	29	49	-6
Quicksand	0.16	12.13	-0.06	56	46	75	24	47	-4
Somerset	0.05	13.74	+0.63	56	44	73	26	48	-3
Spindletop	0.00	13.65	+2.27	56	42	71	26	47	-4
Williamstown	0.00	10.85	-0.13	53	41	72	26	47	-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.wagwx.ca.uky.edu/>