



**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: Much needed rain and warmer weather improved crop prospects. Corn seeding was underway and farmers were preparing ground, applying fertilizer, and spraying for weed control. Temperatures averaged 61 degrees which was 6 degrees warmer than normal and the first week with above normal temperatures since mid February. Rainfall amounts for the week were above normal with precipitation averaging 1.25 inches statewide which is .23 inches above normal. **Topsoil moisture** was rated 6 percent short, 74 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 79 percent adequate and 15 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

CROPS: As of April 15, 7 percent of the **corn** had been seeded well behind last year's 55 percent and the average of 18. Most seeding activity occurred in the southwest areas of the state. Farmers expect to seed corn as soon as field conditions permit, and planting could make considerable progress this week. **Winter wheat** is in mostly good to excellent condition with 1 percent very poor, 1 percent poor, 11 percent fair, 63 percent good and 24 percent excellent. A mild winter has minimized winter kill. Reported wheat stand loss to winter kill was about 2 percent.

TOBACCO: Condition of seeded tobacco transplants was reported as mostly good to fair with 1 percent poor, 25 percent fair, 61 percent good, and 13 percent excellent. As of

April 15, 86 percent of the greenhouse and plant bed seedings had been completed compared with 88 percent last year and the five year average of 85. Fifty-eight percent of transplants had emerged compared with 68 percent last year and the five year average of 58.

PASTURE AND HAY: Current pasture condition was reported as mostly good to fair with 3 percent very poor, 12 percent poor, 37 percent fair, 43 percent good, and 5 percent excellent. Pastures were starting to make good growth. Average height of alfalfa was 6 inches at the end of the week. Many farmers were fertilizing hay and pastures and spraying for weed and insect control.

CROP PROGRESS for week ending 04/15/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	86	74	88	85
Emerged	58	37	68	58
Corn Planted	7	N/A	55	18
Wheat Headed	1	N/A	68	14

SOIL MOISTURE for week ending 04/15/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	6	74	20
Subsoil	1	5	79	15

CROP CONDITIONS for week ending 04/15/12

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	1	1	11	63	24
Pasture	3	12	37	43	5
Tobacco Transplants	-	1	25	61	13

KENTUCKY WEATHER SUMMARY, APRIL 8 – APRIL 14, 2013:

Above Normal Temperatures and Rainfall

Rebound may be the correct word to describe this past week's weather conditions. First, after going 9 straight weeks with below normal temperatures, the Commonwealth finally broke the cool spell and was above normal for the first time since mid February. Breezy southerly flow for much of the week pushed temperatures into the 70s and at times, low to mid 80s. This came as the state was sandwiched between high pressure along the east coast and an approaching area of low pressure from the west. Lexington even broke a record high on Wednesday when it got to a high of 84. Secondly, the state rebounded from a 2 week dry period, where the state averaged over an inch of rainfall through the week. Over the period, the west did see the most rainfall with an average of 1.78 inches. Most of this came over the course of Wednesday and into Thursday as a line of showers with embedded thunderstorms brought widespread soaking rainfall across the Ohio Valley. Behind the line, a cold front swept through the state sending temperatures plummeting. Westerly flow put temperatures only in the mid 50s to low 60s for Friday and Saturday with patchy frost each night for mainly sheltered and low lying areas.

Temperatures for the period averaged 61 degrees across the state which was 6 degrees warmer than normal and 12 degrees warmer than the previous period. High temperatures averaged from 72 in the West to 75 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 50 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 11 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at PEABODY and the extreme low was 30 degrees at HARTFORD 3E.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.23 inches above normal and 123% of normal. Precipitation totals by climate division, West 1.78 inches, Central 1.33 inches, Bluegrass 1.10 inches and East 0.78 inches, which was 0.62, 0.29, 0.18 and -0.16 inches respectively from normal. By station, precipitation totals ranged from a low of 0.13 inches at LOUISA 1S to a high of 3.01 inches at MURRAY 1W.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 14, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.		
	=====		From	=====							
	Last	Since	Normal	S o i l		A i r		Wkly.	Deviation		
Week	Jan 1	Jan 1	Since	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	1.11	13.12	+0.84	67	50	81	32	61			+6
Berea	0.91	12.13	+0.09	67	50	82	34	60			+6
Bowling Green	2.06	15.27	+0.20	67	50	86	37	63			+8
Bristol	1.08	18.21	+6.30	67	50	83	37	60			+6
Buckhorn Lake	0.48	11.77	-1.45	65	53	85	40	65			+11
Cape Girardeau	0.73	10.00	-3.32	58	49	84	33	63			+6
Campbellsville	1.11	13.25	-1.49	67	50	84	33	60			+5
Covington	1.36	10.33	-0.94	67	50	83	35	60			+6
Cumberland Gap	1.12	16.28	+1.00	67	50	86	37	62			+8
Dix Dam	0.96	11.97	-0.72	67	50	83	35	60			+6
Evansville	1.48	15.12	+2.75	65	53	84	34	61			+4
Glasgow	1.54	14.62	-0.61	58	49	83	34	61			+6
Grayson	0.75	12.21	+1.36	67	50	83	33	59			+5
Hardinsburg	1.37	14.85	+0.87	67	50	84	30	62			+7
Henderson	1.42	16.02	+3.15	67	50	85	34	61			+4
Huntington	0.23	9.60	-1.19	67	50	87	39	63			+9
Jackson	0.52	12.97	-0.17	65	53	85	40	64			+10
Lexington	1.19	12.60	+0.32	58	49	84	34	61			+7
London	1.18	13.68	+0.35	67	50	85	37	61			+7
Louisville	1.19	12.59	-0.20	65	53	86	37	63			+8
Mayfield	3.01	18.45	+2.31	67	50	82	35	62			+5
Nashville	2.01	15.57	+1.27	67	50	86	41	63			+8
Nolin Lake	1.84	15.08	+0.95	65	53	85	34	62			+7
Paducah	1.58	17.68	+3.25	58	49	83	34	61			+4
Princeton	2.33	16.13	+0.72	67	50	83	32	61			+4
Quicksand	0.60	12.73	-0.41	65	53	86	36	61			+7
Somerset	1.26	15.00	+0.88	67	54	83	35	60			+6
Spindletop	1.85	15.50	+3.22	59	49	81	35	60			+6
Williamstown	0.74	11.59	-0.36	58	49	83	34	59			+5