



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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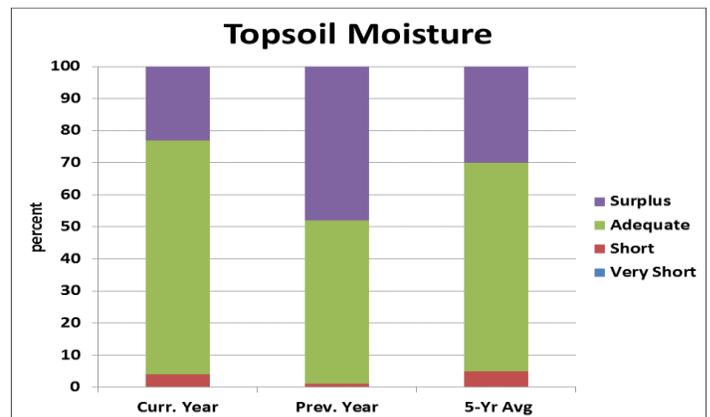
**Agricultural News:** Kentucky experienced above normal temperatures and precipitation over the past week. Precipitation for the week totaled 1.23 inches, 0.22 inches above normal. Temperatures averaged 54 degrees for the week, 3 degrees above normal. **Topsoil moisture** was rated 4 percent short, 73 percent adequate and 23 percent surplus. **Subsoil moisture** was rated 1 percent very short, 4 percent short, 81 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

Primary activities this week included preparing farm equipment for planting, applying fertilizer, and seeding tobacco transplants. Some producers have applied burndown applications in preparation for corn and soybean planting. A few producers have begun planting corn. Producers are concerned about the potential for cold temperatures over the next couple of weeks. Wheat winter freeze damage was reported as 1 percent severe, 5 percent moderate, 14 percent light, with 80 percent experiencing none. Alfalfa hay freeze damage was reported as 3 percent moderate, 21 percent light, with 76 percent experiencing none. Cattle and calves obtained approximately 53 percent of feed from pastures, but some hay is being fed.

**SOIL MOISTURE for week ending 04/03/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	73	23
Subsoil	1	4	81	14

- Represents zero.



**CROP PROGRESS for week ending 04/03/16**

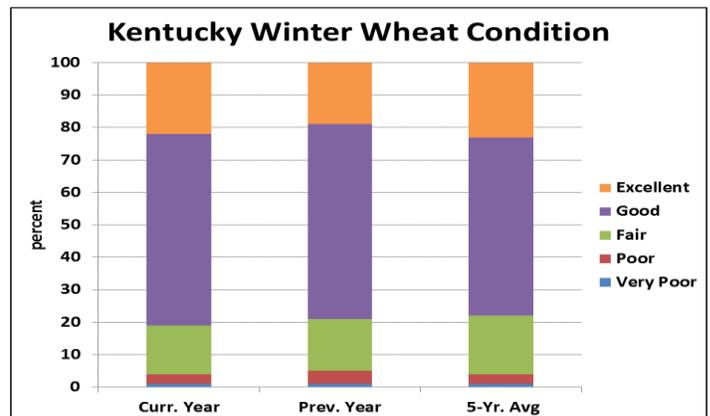
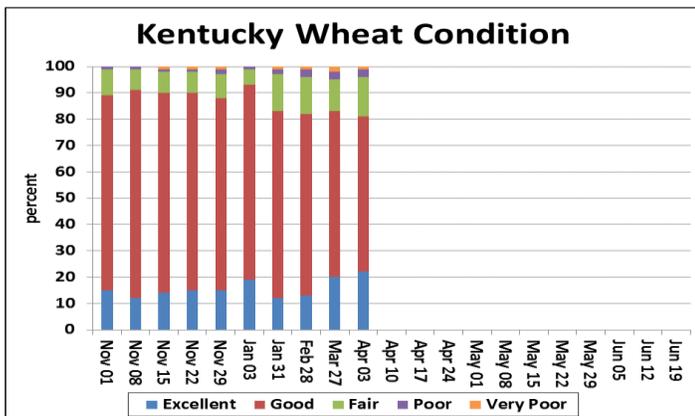
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Tobacco Transplants Seeded	65	-	61	64

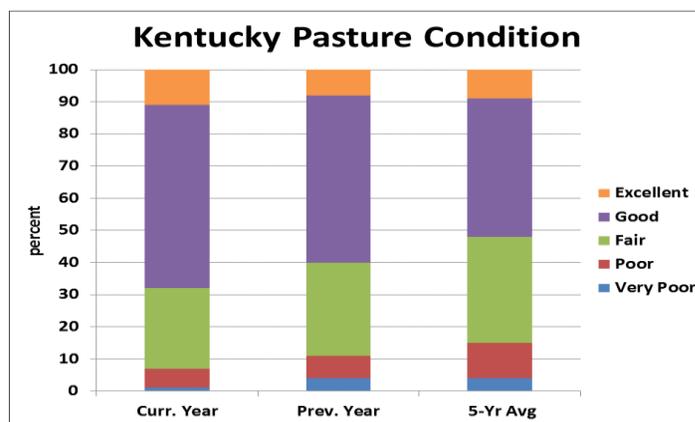
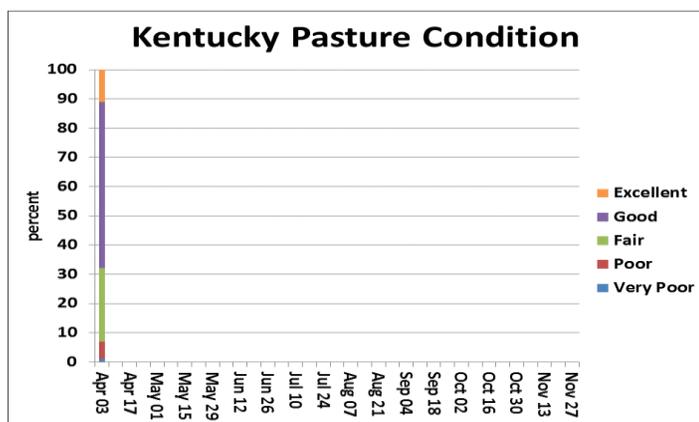
- Represents zero.

**CROP CONDITIONS for week ending 04/03/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	1	2	15	68	14
Pasture	1	6	25	57	11
Wheat	1	3	15	59	22

- Represents zero.





**Kentucky Climate Summary  
For the Period March 28, 2016 to April 3, 2016**

Above Normal Temperatures and Precipitation:

As the calendar turned to April, a typical spring pattern set up across the Lower Ohio Valley. The Bluegrass State saw a warm start to the period with southerly flow bumping readings up into the 70s by midweek, ahead of an approaching low pressure system. This flow pattern helped Kentucky reach a 4th straight week of above normal temperatures. As the system passed through the area, the state saw a couple rounds of widespread showers and storms Wednesday night and Thursday. This ended up being the only significant rainfall event for the week, but the state still averaged 1.23 inches. This was slightly above normal, breaking a two week span of much below normal precipitation. Attention then turned to Saturday as another cold front moved through the area. During the day, winds became very breezy, so much so that a High Wind Warning was issued for portions of Northern Kentucky. While most of the state saw wind gust in excess of 40 mph, portions of Northern Kentucky exceeded 50. Winds slackened later that night, prompting a Freeze Warning across the area. Lows by early Sunday morning dipped into the upper 20s to low 30s.

Temperatures for the period averaged 54 degrees across the state which was 3 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 66 in the West to 65 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 42 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 78 degrees at LOUISA 1S and the extreme low was 24 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 1.23 inches statewide which was 0.22 inches above normal and 122% of normal. Precipitation totals by climate division, West 1.85 inches, Central 1.35 inches, Bluegrass 1.07 inches and East 0.65 inches, which was 0.75, 0.29, 0.16 and -0.31 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at OWINGSVILLE 4S to a high of 3.09 inches at POPLAR BLUFF ASOS.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/03/16 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Air Temp. Dev. From Normal	
	Last Week	Since Jan 1		Soil 4 In.		Air			Wkly. Avg.
	(Inches)	(Inches)	(Inches)	High	Low	High	Low	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	1.21	9.94	-0.92	62	50	73	28	54	3
Berea	0.30	9.08	-1.40	--	--	74	26	52	2
Bowling Green	1.43	10.40	-3.08	62	50	75	32	55	4
Bristol	0.65	8.43	-2.27	--	--	74	32	56	6
Buckhorn Lake	0.52	8.90	-2.95	--	--	74	29	54	4
Cape Girardeau	2.09	10.24	-1.45	--	--	73	32	54	0
Campbellsville	1.16	10.85	-2.15	--	--	74	29	53	2
Covington	2.20	11.57	1.68	--	--	72	26	51	1
Cumberland Gap	0.90	12.55	-1.24	--	--	74	27	55	5
Dix Dam	0.41	8.26	-2.88	--	--	74	28	53	3
Evansville	1.13	12.19	1.30	--	--	74	30	53	-1
Glasgow	1.07	13.79	0.23	56	52	74	30	54	3
Grayson	0.17	10.07	0.55	--	--	74	26	52	2
Hardinsburg	1.36	12.11	-0.29	--	--	75	27	53	2
Henderson	1.58	11.56	0.25	--	--	73	31	54	0
Huntington	0.19	10.16	0.69	--	--	77	30	55	5
Jackson	0.83	12.34	0.70	--	--	77	30	56	6
Lexington	0.40	8.24	-2.62	56	52	74	29	53	3
London	0.81	10.27	-1.62	--	--	73	29	55	5
Louisville	2.04	11.32	0.08	--	--	77	34	55	4
Mayfield	2.48	18.46	4.17	--	--	73	31	53	-1
Nashville	1.26	11.01	-1.69	--	--	77	37	59	8
Nolin Lake	1.21	11.10	-1.37	--	--	75	30	56	5
Paducah	2.87	14.67	2.08	56	52	74	32	55	1
Princeton	1.80	12.98	-0.67	62	50	72	31	54	0
Quicksand	1.02	11.46	-0.18	--	--	76	25	54	4
Somerset	1.33	11.98	-0.55	--	--	73	29	53	3
Spindletop	0.31	10.97	0.11	56	47	73	27	51	1
Williamstown	1.19	10.77	0.34	--	--	73	27	51	1

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.