



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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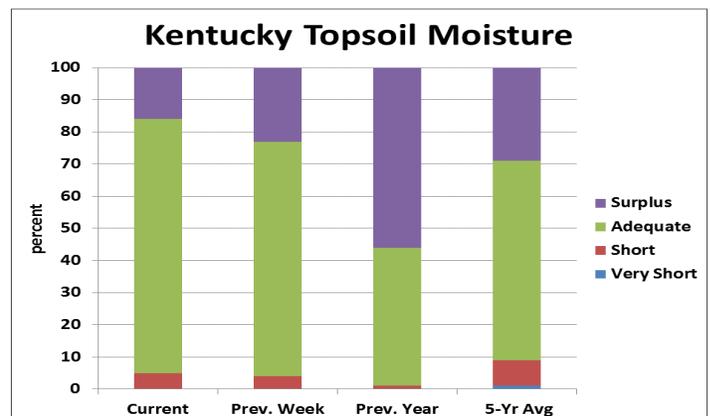
Agricultural News: Kentucky experienced below normal temperatures and precipitation over the past week. Precipitation for the week totaled 0.42 inches, 0.57 inches below normal. Temperatures averaged 48 degrees for the week, 5 degrees below normal. **Topsoil moisture** was rated 0 percent very short, 5 percent short, 79 percent adequate and 16 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 84 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 4.3 out of a possible seven.

Primary activities this week included preparing farm equipment for planting, applying fertilizer and burndown applications, and seeding tobacco transplants. Cool temperatures last week resulted in planting delays. Limited corn planting took place where conditions allowed, but should progress more rapidly later this week. Pasture growth slowed last week as well due to colder weather. Livestock producers are still feeding hay where necessary and if available. The impact of the cold temperatures late in the week to fruit crops and wheat is unknown at this time. Some damage is expected to fruit crop in some locations. But, there is optimism that temperatures were not cold enough, for long enough to cause widespread damage to wheat. Eighty-two percent of wheat is rated as good to excellent. The average height of winter wheat was 8 inches.

SOIL MOISTURE for week ending 04/10/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	5	79	16
Subsoil	1	5	84	10

- Represents zero.



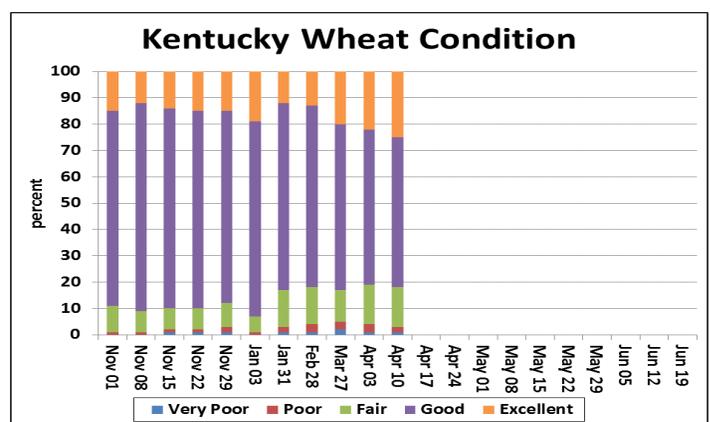
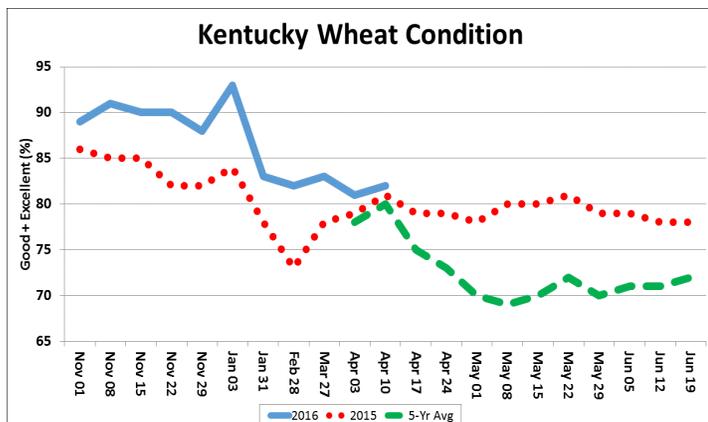
CROP PROGRESS for week ending 04/10/16

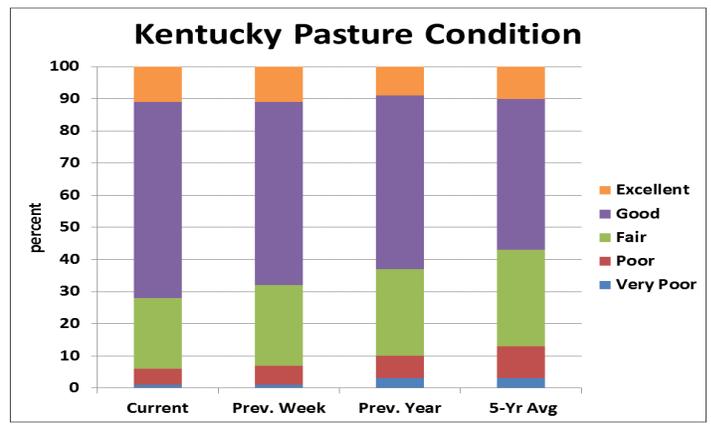
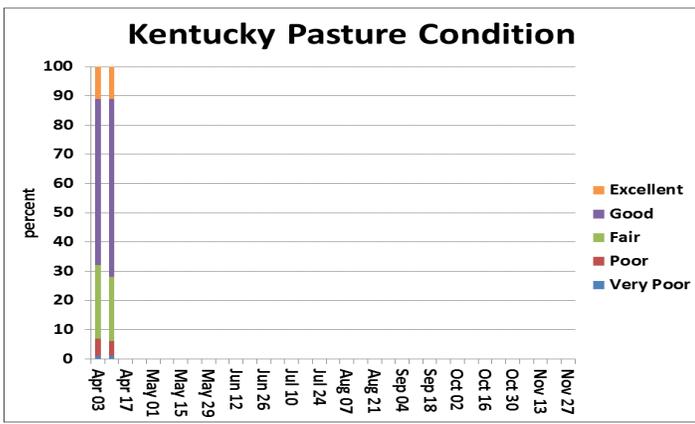
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	23	-	14	-
Corn Planted	6	-	1	10
Peaches Blooming	35	-	14	-
Tobacco Transplants Seeded	73	65	74	77

- Represents zero or not available.

CROP CONDITIONS for week ending 04/10/16

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	1	5	22	61	11
Wheat	1	2	15	57	25





**Kentucky Climate Summary
For the Period April 4, 2016 to April 10, 2016**

Below Normal Temperatures and Precipitation:

For much of Kentucky, normal high temperatures for the first half of April are in the mid to upper 60s, while lows typically drop into the low to mid 40s. Looking at this past week, temperatures were well below normal. In fact, multiple Freeze Warnings were issued by the National Weather Service. The most significant cold spell occurred Friday night through Saturday night. Behind a frontal passage on Friday, an unseasonably cold air mass filtered into the area with lows dipping into the upper 20s to low 30s across much of the state. After only seeing highs on Saturday in the 40s, lows that night dipped back into the 20s across mainly the eastern half of the state. In addition to a rather cool period, conditions were also fairly dry and windy. The state averaged 0.42 inches, which is over a half inch below normal for the seven day period. Multiple wind advisories were also issued throughout the period with gusts exceeding 40 mph from time to time.

Temperatures for the period averaged 48 degrees across the state which was 5 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 62 in the West to 57 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 9 degrees cooler than normal in the East. Low temperatures averaged from 41 degrees in the West to 35 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 79 degrees at POPLAR BLUFF ASOS and the extreme low was 22 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.42 inches statewide which was 0.57 inches below normal and 42% of normal. Precipitation totals by climate division, West 0.31 inches, Central 0.27 inches, Bluegrass 0.45 inches and East 0.66 inches, which was 0.82, 0.75, 0.45 and 0.27 inches below normal. By station, precipitation totals ranged from a low of 0.04 inches at FORT KNOX to a high of 1.63 inches at RUSSELLVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/10/16 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 (Degrees Fahrenheit)	Low (Degrees Fahrenheit)	High (Degrees Fahrenheit)	Low (Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.12	10.06	-1.70	60	46	70	29	46	-8
Berea	0.82	9.90	-1.57	--	--	68	27	46	-6
Bowling Green	0.08	10.48	-4.01	60	46	75	34	50	-4
Bristol	0.51	8.94	-2.53	--	--	73	24	46	-6
Buckhorn Lake	0.43	9.33	-3.39	--	--	72	27	46	-6
Cape Girardeau	0.24	10.48	-2.25	--	--	76	33	53	-3
Campbellsville	0.38	11.23	-2.88	--	--	69	29	47	-7
Covington	0.40	11.97	1.20	--	--	66	29	43	-9
Cumberland Gap	0.66	13.21	-1.53	--	--	74	24	46	-6
Dix Dam	0.44	8.70	-3.43	--	--	69	28	45	-7
Evansville	0.26	12.45	0.62	--	--	69	30	48	-8
Glasgow	1.17	14.96	0.33	55	52	71	30	48	-6
Grayson	0.60	10.67	0.30	--	--	68	26	44	-8
Hardinsburg	0.08	12.19	-1.22	--	--	70	27	48	-6
Henderson	0.10	11.66	-0.64	--	--	71	32	50	-6
Huntington	0.75	10.91	0.60	--	--	68	25	44	-8
Jackson	0.58	12.92	0.32	--	--	73	29	47	-5
Lexington	0.36	8.60	-3.16	55	52	71	28	46	-6
London	0.73	11.00	-1.81	--	--	73	27	47	-5
Louisville	0.14	11.46	-0.77	--	--	74	33	49	-5
Mayfield	1.16	19.62	4.16	--	--	76	32	53	-3
Nashville	0.27	11.28	-2.44	--	--	79	37	53	-1
Nolin Lake	0.12	11.22	-2.31	--	--	73	31	50	-4
Paducah	0.27	14.94	1.18	55	52	77	33	54	-2
Princeton	0.21	13.19	-1.58	60	46	73	32	51	-5
Quicksand	0.57	12.03	-0.57	--	--	73	23	45	-7
Somerset	0.54	12.52	-1.02	--	--	71	28	47	-5
Spindletop	0.58	11.55	-0.21	53	44	68	28	44	-8
Williamstown	0.33	11.10	-0.29	--	--	66	29	44	-8

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