



# Crop Progress and Condition



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**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:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.88 inches, 0.14 inches below normal. Temperatures averaged 54 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 0 percent very short, 0 percent short, 47 percent adequate and 53 percent surplus. **Subsoil moisture** was rated 0 percent very short, 1 percent short, 55 percent adequate, and 44 percent surplus. Days suitable for fieldwork averaged 2.0 out of a possible seven.

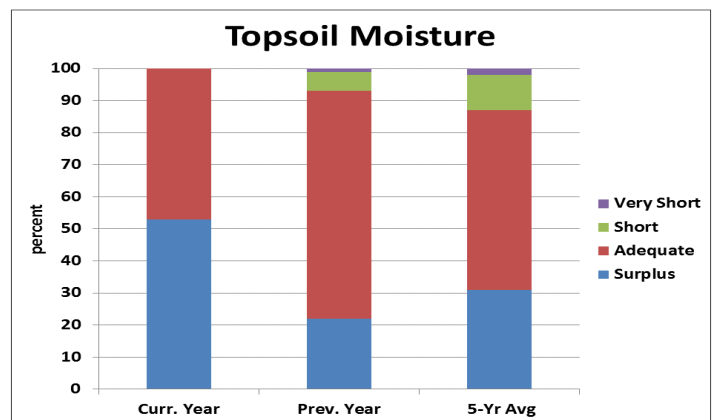
Wet conditions continued to prevent most field activities last week. Corn planting was reported in some areas where conditions allowed. The state is in need of sunshine and dry conditions, which this week's forecast should deliver, bringing optimism that corn planting will show significant progress. Seventy-nine percent of wheat is rated as good to excellent. Winter wheat began heading in some locations last week. The average height of winter wheat was 17 inches, compared to 13 inches last week. Tobacco transplants in the greenhouse are in need of warm, sunny weather. Fifty-four percent of tobacco transplants were under 2 inches, with 34 percent between 2-4 inches, and 12 percent over 4 inches.

Alfalfa Hay average height was 9 inches, compared to 7 inches last week. Hay and roughage supplies were reported as 5 percent very short, 23 percent short, 65 percent adequate, and 7 percent surplus. The peach crop is expected to be minimal this year due to the poor bloom caused by cold conditions earlier this year. While apples were affected by weather conditions as well, the impact is reportedly less severe. Apple freeze damage was reported as 2 percent severe, 14 percent moderate, 37 percent light, with 47 percent experiencing none. Peach freeze damage was reported as 30 percent severe, 21 percent moderate, 18 percent light, with 31 percent experiencing none.

**SOIL MOISTURE for week ending 04/26/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	-	47	53
Subsoil	-	1	55	44

- Represents zero.



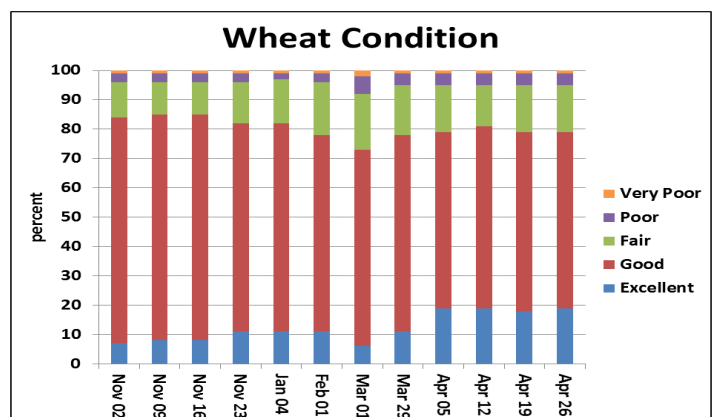
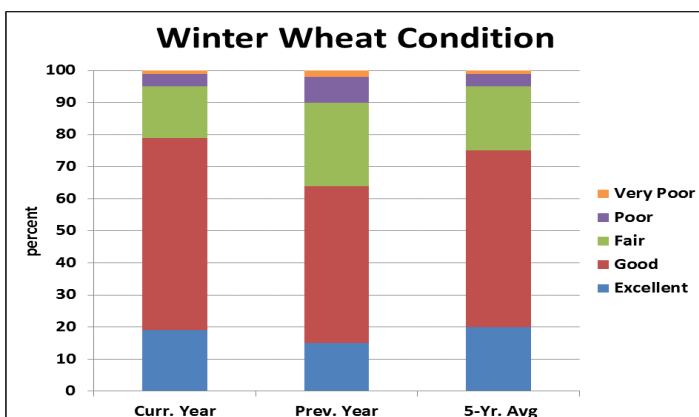
**CROP PROGRESS for week ending 04/26/15**

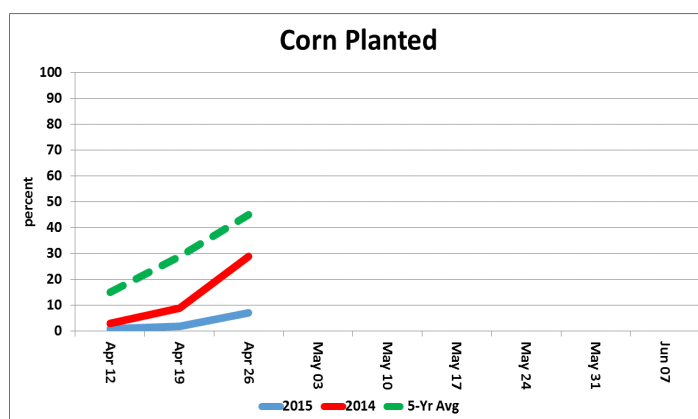
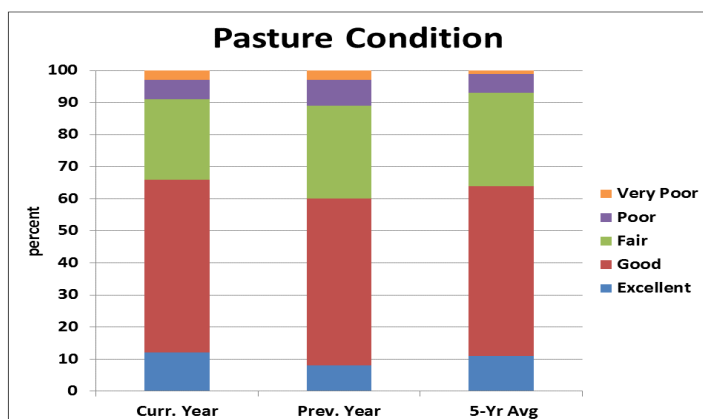
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	7	2	29	45
Soybeans Planted	-	-	1	4
Tobacco Transplants Seeded	90	85	92	92
Winter Wheat Headed	7	-	1	25

- Represents zero.

**CROP CONDITIONS for week ending 04/26/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	6	25	54	12
Tobacco Transplants	1	2	16	66	15
Wheat	1	4	16	60	19





**Kentucky Climate Summary  
For the Period April 20, 2015 to April 26, 2015**

Below Normal Temperatures and Rainfall:

The Commonwealth cannot catch much of a break this spring season. For the first time since the last week of March, Kentucky saw below normal rainfall. With that in mind, the state did see subfreezing temperatures later in the work week and a round of severe weather on Saturday. The work week started out with a couple cold fronts passing through the area on Monday and Wednesday. Scattered showers and isolated thunderstorms developed with each round, but didn't amount to much in the way of accumulations. The bigger story was the very cool temperatures that filtered into the area Wednesday and Thursday nights, bringing with it the threat of frost and subfreezing temperatures. Temperatures fell into the low to mid 30s Wednesday night for some locations, but was outdone Thursday night as high pressure shifted overhead. Clearing skies and a calm wind led to many locations across the eastern half of the state dropping into the upper 20s to low 30s. This was roughly 20 degrees below normal for late April. Attention then turned to severe weather as a warm front hung up across the Commonwealth on Saturday. Storms fired later in the evening within a warm and unstable air mass. Some storms produced very large hail (multiple reports at 2 inches +), damaging winds, and a few tornadoes were also surveyed: EF2 in Edmonson County, EF1 in Adair, and EF0 in Henderson. Through the event, the state averaged just under a half inch.

Temperatures for the period averaged 54 degrees across the state which was 4 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 64 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 47 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 83 degrees at POPLAR BLUFF ASOS and the extreme low was 26 degrees at FORT CAMPBELL.

Precipitation (liq. equ.) for the period totaled 0.88 inches statewide which was 0.14 inches below normal and 86% of normal. Precipitation totals by climate division, West 0.75 inches, Central 0.83 inches, Bluegrass 0.95 inches and East 1.00 inches, which was -0.44, -0.20, 0.01 and 0.06 inches respectively from normal. By station, precipitation totals ranged from a low of 0.31 inches at CARBONDALE ASOS to a high of 1.73 inches at WHITESBURG 2NW.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 04/26/15 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High				
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.83	23.97	10.14	62	55	74	33	54	-5
Berea	1.44	23.34	9.60	62	55	67	30	52	-6
Bowling Green	0.88	21.08	4.29	62	55	81	35	58	-1
Bristol	0.12	13.12	-0.11	62	55	75	32	56	-2
Buckhorn Lake	0.76	19.39	4.67	62	55	70	35	53	-5
Cape Girardeau	0.34	19.14	4.05	63	60	79	39	58	-3
Campbellsville	1.16	24.31	7.67	62	55	70	30	53	-6
Covington	1.01	15.54	2.77	62	55	64	31	50	-8
Cumberland Gap	0.41	20.86	3.94	62	55	70	29	55	-3
Dix Dam	1.09	20.97	6.59	62	55	62	31	52	-6
Evansville	0.64	18.99	5.02	62	55	74	36	54	-7
Glasgow	1.15	22.41	5.36	63	60	72	34	55	-4
Grayson	1.09	22.27	9.96	62	55	65	28	51	-7
Hardinsburg	0.65	19.33	3.62	62	55	73	30	54	-5
Henderson	0.86	17.49	2.92	62	55	73	38	56	-5
Huntington	0.78	19.77	7.54	62	55	71	31	51	-7
Jackson	0.80	22.24	7.46	62	55	71	36	53	-5
Lexington	0.79	22.65	8.82	63	60	64	31	51	-7
London	0.65	18.19	3.29	62	55	69	32	55	-3
Louisville	0.41	20.66	6.17	62	55	68	38	55	-4
Mayfield	1.00	20.60	2.44	62	55	73	40	57	-4
Nashville	0.53	17.55	1.50	62	55	84	40	58	-1
Nolin Lake	1.57	24.37	8.42	62	55	82	33	58	-1
Paducah	0.34	21.78	5.35	63	60	74	37	58	-3
Princeton	1.01	19.88	2.55	62	55	75	36	56	-5
Quicksand	0.81	21.40	6.62	62	55	71	27	53	-5
Somerset	0.58	22.78	6.92	62	53	70	30	53	-5
Spindletop	0.89	25.08	11.25	60	50	64	33	51	-7
Williamstown	0.97	18.87	5.26	63	60	63	33	50	-8

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