



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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Kentucky Department of Agriculture  
Cooperative Extension Service

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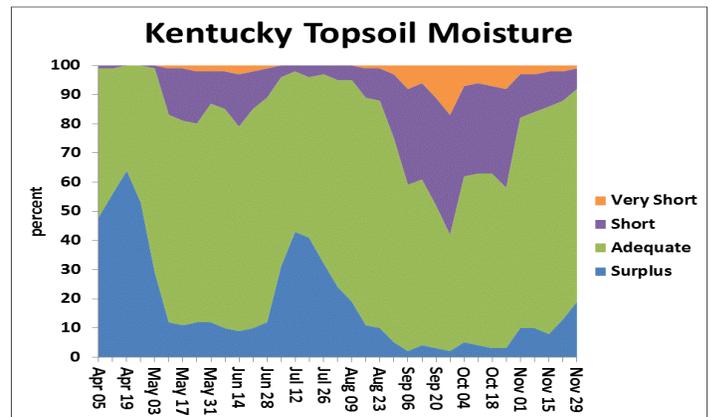
Issue: 39-15

This is the last issue of the 2015 Weekly Crop Weather Report. We thank and are most appreciative of the farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Tom Priddy, Matthew Dixon, and the U.K. Ag Weather Center for supplying the weather data for this report. Also, thanks to the agricultural news media for the professional manner in which they distribute agricultural news across the State. We will be converting to monthly reports for the winter season (*Release Dates: Jan 4, Feb 1, Feb 29 & Mar 28*). Publication of the 2016 weekly series will begin the first week of April.

**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.15 inches, 0.10 inches above normal. Temperatures averaged 50 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 7 percent short, 73 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 78 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven. Many producers have completed their grain harvest. However, there were a few fields remaining to be harvested in some locations. Tobacco stripping continues to progress well. Pastures are holding steady at mostly good to fair condition. Livestock are reported to be in mostly good condition with fall breeding taking place. Hay and roughage supplies were reported as 1 percent very short, 8 percent short, 82 percent adequate, and 9 percent surplus.

**SOIL MOISTURE for week ending 11/29/15**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	7	73	19
Subsoil	1	10	78	11



**CROP PROGRESS for week ending 11/29/15**

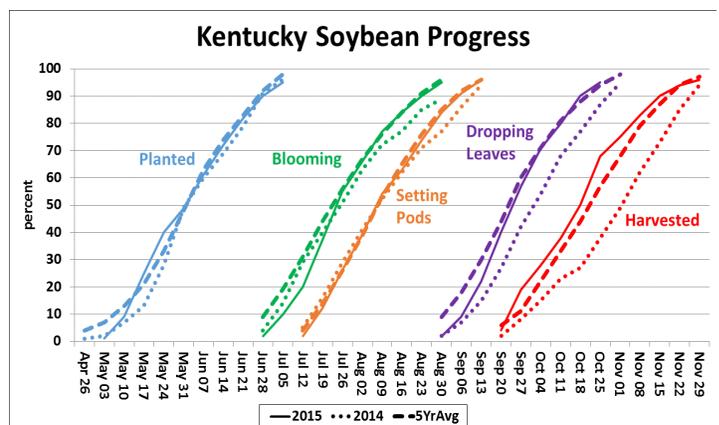
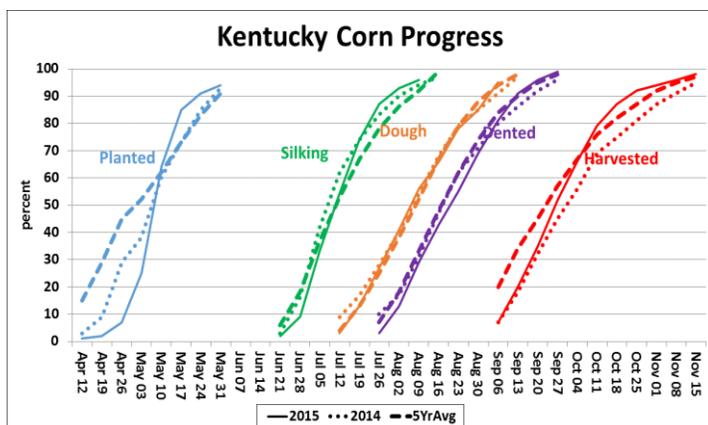
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Soybeans Harvested	96	94	94	97
Tobacco Stripped	67	62	-	-

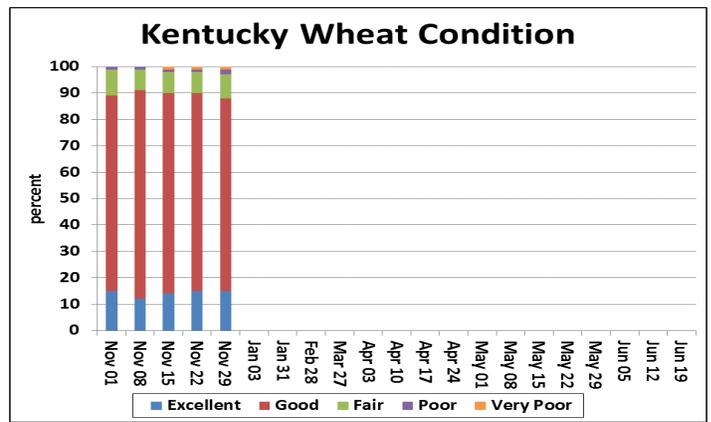
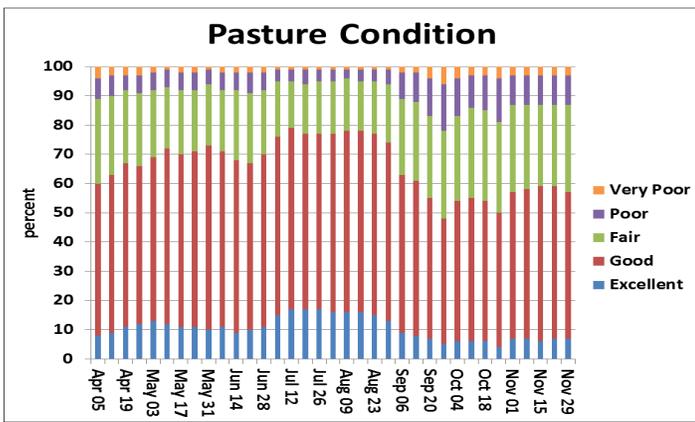
- Represents zero or not available.

**CROP CONDITIONS for week ending 11/29/15**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Livestock	-	2	16	70	12
Pasture	3	10	30	50	7
Wheat	1	2	9	73	15

- Represents zero.





**Kentucky Climate Summary  
For the Period November 23, 2015 to November 29, 2015**

Above Normal Temperatures and Rainfall:

This past work week started off with very cold temperatures carrying over from the previous weekend. The majority of the state woke up to readings in the upper teens to low 20s on Monday morning, roughly 15 to 20 degrees below normal for this time of the year. The good news is that a warming trend then followed through the Thanksgiving holiday. By Thursday, temperatures were peaking in the mid-60s to around 70 behind breezy southerly flow. After a dry week, a cold front slowly worked through the area over the weekend. A plume of moisture led to periods of widespread rainfall. Overall, totals diminished farther east. Western Kentucky averaged over 2 inches of rainfall, while much of the eastern half of the state only saw a little over a half inch.

Temperatures for the period averaged 50 degrees across the state which was 6 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 59 in the West to 61 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 42 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 72 degrees at JACKSON AIRPORT and the extreme low was 15 degrees at BOONEVILLE 2S.

Precipitation (liq. equ.) for the period totaled 1.15 inches statewide which was 0.1 inches above normal and 110% of normal. Precipitation totals by climate division, West 2.23 inches, Central 1.12 inches, Bluegrass 0.64 inches and East 0.61 inches, which was 1.02, 0.01, -0.25 and -0.36 inches respectively from normal. By station, precipitation totals ranged from a low of 0.35 inches at BIG SANDY to a high of 4.49 inches at HICKMAN 2E.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 11/29/15 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.89	43.42	3.78	13.43	0.62	67	21	50	7	98	33
Berea	0.53	39.35	1.93	7.42	-1.64	69	17	48	7	88	38
Bowling Green	1.40	36.02	4.43	3.32	0.30	70	22	52	9	97	31
Bristol	0.21	30.87	2.66	3.95	-0.08	68	21	45	4	100	33
Buckhorn Lake	0.47	31.55	1.31	1.05	-2.09	69	20	50	9	97	35
Cape Girardeau	2.46	39.15	9.08	8.63	5.38	65	29	49	4	100	31
Campbellsville	0.89	39.87	3.59	4.17	-0.15	68	19	50	7	96	53
Covington	0.73	32.31	4.14	3.77	0.91	66	20	47	6	100	29
Cumberland Gap	0.79	34.92	1.83	1.63	-2.18	69	17	48	7	100	33
Dix Dam	0.56	42.03	2.40	10.73	-1.02	67	19	49	8	97	31
Evansville	1.22	34.33	5.09	5.47	1.61	70	27	50	5	94	36
Glasgow	1.39	35.48	3.51	0.62	-0.75	69	20	51	8	100	34
Grayson	0.63	43.94	1.85	14.81	-1.10	69	18	47	6	96	42
Hardinsburg	1.65	35.23	4.76	3.00	0.89	70	17	50	7	100	44
Henderson	1.58	39.24	5.59	9.19	1.77	68	27	50	5	94	36
Huntington	0.54	30.89	1.26	1.44	-1.89	68	18	48	7	100	35
Jackson	0.70	39.30	1.39	7.46	-2.23	71	21	52	11	97	23
Lexington	0.58	39.58	2.31	9.59	-0.85	68	18	50	9	97	31
London	0.79	35.39	2.15	5.54	-1.46	68	19	48	7	97	27
Louisville	0.89	44.64	4.99	14.83	1.54	70	26	51	8	96	31
Mayfield	3.06	43.62	7.94	9.55	3.37	71	24	52	7	96	42
Nashville	2.12	33.18	3.77	2.92	-0.08	72	22	53	10	100	35
Nolin Lake	1.50	40.26	3.92	5.78	-0.29	69	21	52	9	100	34
Paducah	2.47	35.34	7.60	2.94	3.57	69	30	52	7	96	31
Princeton	1.99	36.20	5.63	3.43	1.31	71	25	51	6	96	42
Quicksand	0.59	32.59	1.32	0.75	-2.30	71	17	47	6	96	42
Somerset	0.80	36.58	2.74	2.79	-1.17	69	18	50	9	100	31
Spindletop	0.78	47.11	2.71	17.12	-0.45	68	20	50	9	97	30
Williamstown	0.77	39.30	3.24	9.10	-0.07	67	19	48	7	96	42

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