



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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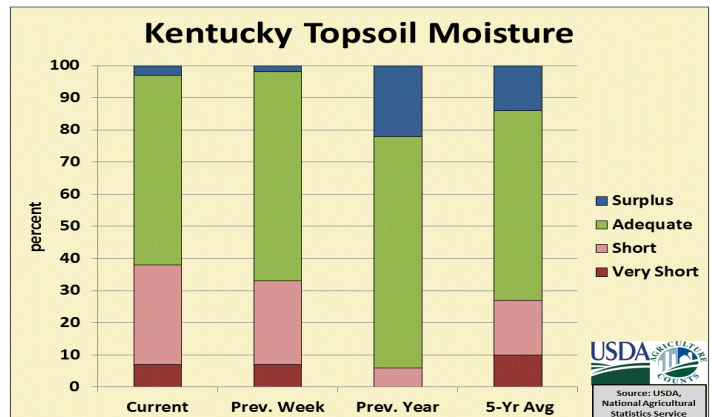
**Agricultural News:** Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.14 inches, 0.16 inches above normal. Temperatures averaged 76 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 7 percent very short, 31 percent short, 59 percent adequate, and 3 percent surplus. **Subsoil moisture** was rated 6 percent very short, 25 percent short, 67 percent adequate, and 2 percent surplus. Days suitable for fieldwork averaged 5.7 out of a possible seven.

Primary activities this week included cutting hay, topping tobacco, and monitoring of corn and soybeans. There was some relief from the hot/dry conditions this week as scattered rain brought in cooler temperatures. Even with the recent precipitation some areas are still very dry and stress can be seen in the crops. It is of note that some areas received very heavy rain and some tobacco was reported as damaged from flooding. Tobacco, corn, and soybean conditions remain mostly good despite unpredictable weather.

Pasture and hay fields are in mostly good condition. Hay supplies are 2 percent very short, 9 percent short, 77 percent adequate, and 12 percent surplus.

**SOIL MOISTURE for week ending 07/30/17**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	31	59	3
Subsoil	6	25	67	2

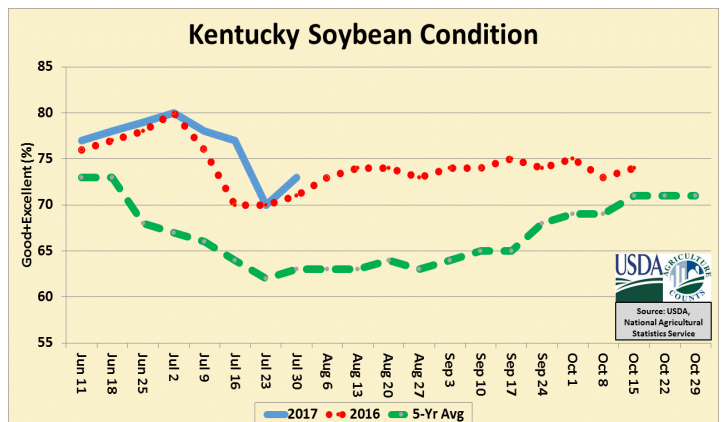
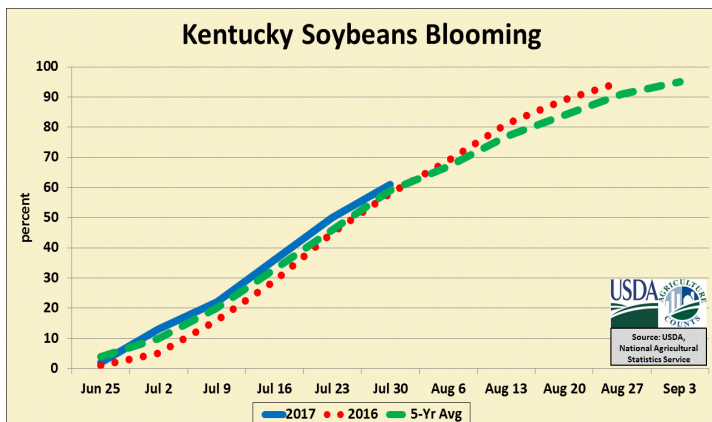


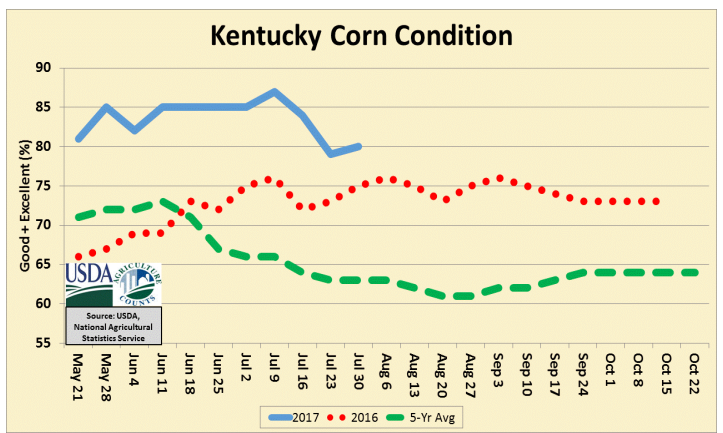
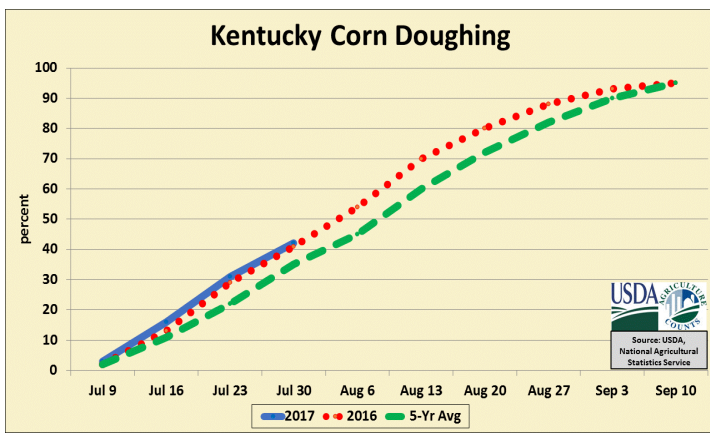
**CROP PROGRESS for week ending 07/30/17**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	90	86	89	87
Corn Milked	63	54	60	57
Corn Dough	42	31	41	35
Corn Dent	19	4	17	15
Soybeans Blooming	61	50	58	59
Soybeans Setting Pods	39	28	29	33
Tobacco Blooming	60	47	45	53
Tobacco Topped	38	24	22	27

**CROP CONDITIONS for week ending 07/30/17**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	16	63	17
Hay	1	4	25	58	12
Livestock	1	2	16	64	17
Pasture	1	5	23	62	9
Soybeans	1	4	22	63	10
Tobacco Set	3	7	26	57	7





**Kentucky Climate Summary  
For the Period July 24, 2017 to July 30, 2017**

Near Normal Temperatures and Above Normal Rainfall:

Kentucky finally saw some relief from both the dry conditions and extreme heat/humidity. This relief came in the form of a cold front late in the workweek. After only seeing isolated coverage early in the period, scattered to numerous showers and storms formed late Thursday. This activity continued into the overnight and until the eventual passage of the cold front later in the day on Friday. Eastern Kentucky came out well ahead of other portions of the state, averaging more than 2 inches for the seven-day period. That number decreased down to about a half inch for Western Kentucky. The above normal temperatures early in the week turned below normal for the weekend. High pressure of Canadian origin kept the Commonwealth much cooler and noticeably less humid.

Temperatures for the period averaged 76 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 88 in the West to 83 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 4 degrees cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 97 degrees at EVANSVILLE ASOS and the extreme low was 52 degrees at MOREHEAD 4NE.

Precipitation (liq. equ.) for the period totaled 1.14 inches statewide which was 0.16 inches above normal and 116% of normal. Precipitation totals by climate division, West 0.55 inches, Central 0.66 inches, Bluegrass 1.27 inches and East 2.07 inches, which was -0.39, -0.33, 0.30 and 1.05 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at MAYFIELD 6SW to a high of 4.42 inches at BIG SANDY.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 07/30/17 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.07	16.72	1.53	-0.13	-2.99	92	57	77	1	188	2,362	154
Berea	1.17	18.03	3.63	0.73	-0.36	88	53	74	-1	166	2,202	-54
Bowling Green	0.39	21.32	2.99	3.30	-1.29	96	60	80	4	212	2,647	353
Bristol	2.76	10.85	3.00	-4.07	-0.90	93	57	75	0	178	2,272	187
Buckhorn Lake	2.69	20.40	5.65	3.71	1.28	89	54	73	-2	161	2,240	243
Cape Girardeau	0.20	21.19	1.26	4.67	-1.94	94	56	79	1	206	2,613	204
Campbellsville	0.41	20.01	2.75	0.72	-2.10	91	56	76	0	184	2,274	40
Covington	2.86	22.43	5.81	6.46	1.98	86	59	74	-1	171	2,190	145
Cumberland Gap	1.61	20.11	2.89	1.86	-1.87	91	56	76	1	181	2,284	214
Dix Dam	1.47	15.63	4.23	-1.80	-0.25	89	58	75	0	173	2,295	100
Evansville	1.71	23.43	5.66	7.26	2.01	97	60	78	0	198	2,586	301
Glasgow	0.48	18.67	3.03	-0.68	-1.77	92	57	77	1	191	2,440	225
Grayson	1.38	23.09	5.57	6.66	1.18	86	52	72	-3	156	2,102	165
Hardinsburg	0.93	18.36	2.84	0.77	-1.47	93	58	77	1	189	2,377	69
Henderson	0.57	12.58	1.66	-3.98	-2.03	95	58	77	-1	192	2,530	195
Huntington	1.67	18.81	6.07	2.48	1.62	88	57	73	-2	162	2,292	190
Jackson	1.47	22.14	4.02	4.66	-0.72	87	59	74	-1	165	2,350	353
Lexington	1.29	18.53	5.22	1.68	0.70	89	56	76	1	180	2,402	279
London	3.16	23.93	6.53	7.52	2.23	91	58	76	1	182	2,322	216
Louisville	0.07	15.26	2.79	-1.41	-1.28	92	62	80	4	206	2,738	470
Mayfield	0.00	19.13	2.98	1.35	-1.08	93	59	79	1	204	2,506	164
Nashville	0.11	8.25	0.13	-8.41	-3.46	96	63	81	5	216	2,665	213
Nolin Lake	0.94	20.29	3.22	1.47	-1.34	97	57	80	4	208	2,724	612
Paducah	0.60	21.95	2.53	3.90	-1.25	94	61	81	3	217	2,719	344
Princeton	0.43	16.33	1.26	-1.43	-2.61	94	59	78	0	198	2,498	128
Quicksand	2.92	22.14	5.58	4.66	0.84	89	59	75	0	174	2,261	264
Somerseset	1.54	21.64	5.16	3.25	0.74	89	55	75	0	176	2,210	72
Spindletop	1.36	24.08	4.36	7.23	-0.16	90	57	75	0	178	2,359	236
Williamstown	1.68	23.97	4.45	7.26	0.36	86	58	74	-1	164	2,129	49

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