



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 907-3250 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
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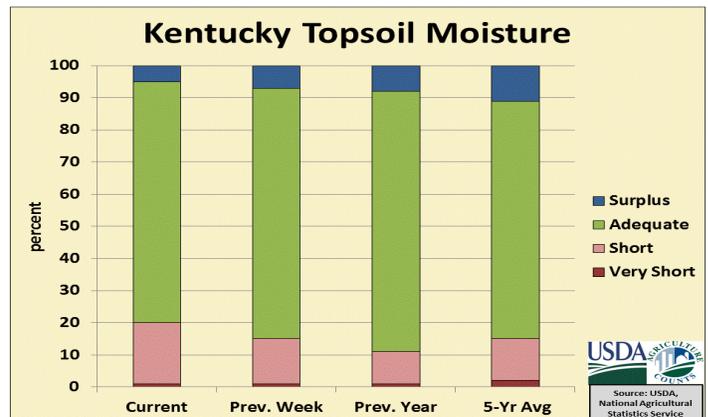
Agricultural News: Kentucky experienced above normal temperatures and near normal rainfall over the past week. Precipitation for the week totaled 1.03 inches, 0.01 inches above normal. Temperatures averaged 77 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 19 percent short, 75 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 82 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible seven.

Primary activities this week included harvesting wheat, cutting hay, planting soybeans and tobacco, as well as applying fertilizers and herbicides. Scattered showers during the week delayed fieldwork at times. Overall, the hot and dry weather have crop fields and pastures starting to show signs of stress. The heat has made for good hay curing weather though. The average height of emerged corn was 34 inches, compared to 38 inches last year. The average height of tobacco in the field was 11 inches, compared to 9 inches last year.

Some producers have noted low test weights for wheat, and higher temperatures in the spring and short grain fill as contributing factors. Additionally, farmers are anticipating initial hay yields to be lower than the first cuttings for last year.

SOIL MOISTURE for week ending 06/17/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	19	75	5
Subsoil	1	12	82	5



CROP PROGRESS for week ending 06/17/18

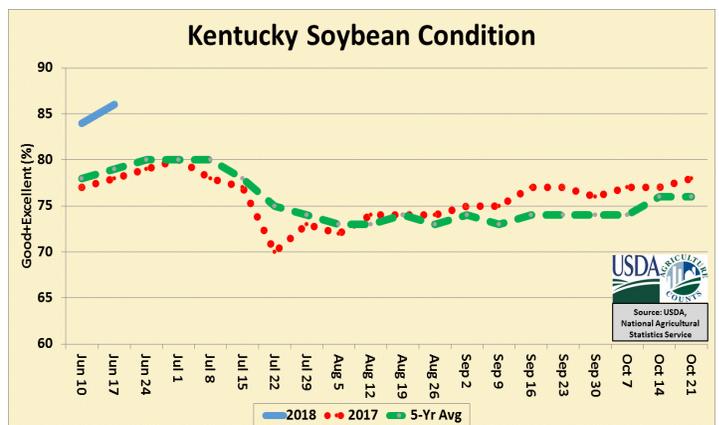
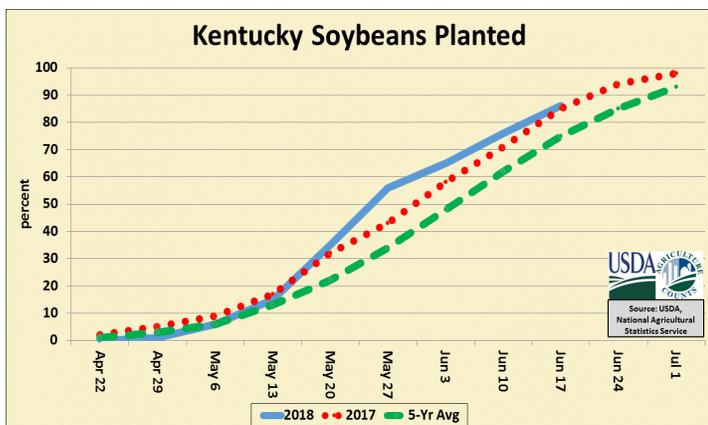
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Emerged	96	92	95	96
Corn Silking	3	-	3	1
Soybeans Planted	86	76	85	75
Soybeans Emerged	71	59	67	58
Tobacco Set	88	76	86	83
Winter Wheat Harvested	44	-	66	28

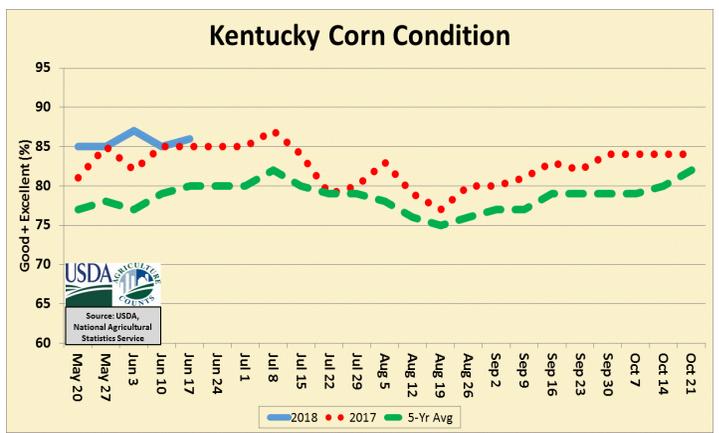
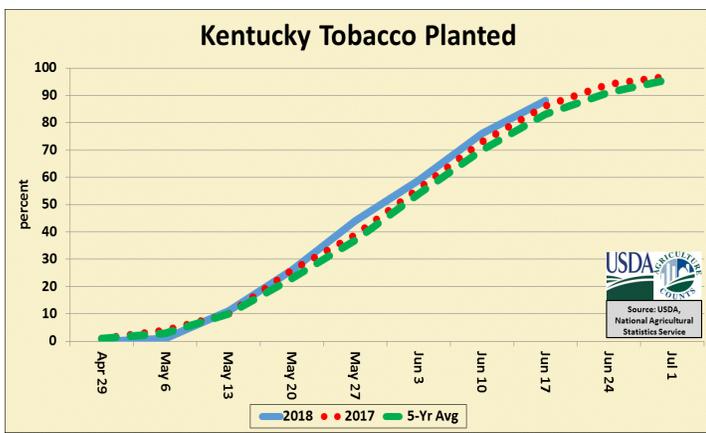
- Represents not available

CROP CONDITIONS for week ending 06/17/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	1	12	69	17
Pasture	1	5	22	61	11
Soybeans	1	1	12	72	14
Tobacco Set	-	2	16	65	17
Wheat	2	6	20	58	14

- Represents zero.





**Kentucky Climate Summary
For the Period June 11, 2018 to June 17, 2018**

Above Normal Temperatures and Near Normal Rainfall:

The period opened with active weather continuing from the previous weekend. Multiple rounds of scattered to numerous storms formed on Monday and Tuesday as Kentucky sat within an unstable air mass. Heavy rain continued to lead to localized flooding at times as a very moist air mass remained across the region. Strong to severe storms even formed Monday evening with some producing damaging winds and small hail. Overall, the state averaged an inch of rainfall, but just like previous weeks, the scattered coverage of the storms led to a wide range of accumulations. After the passage of a front late Wednesday and into the overnight, the remainder of the period was mostly dry, but with the thermometer on the climb. Temperatures and humidity peaked over the weekend with highs rising into the upper 80s to middle 90s and heat indices around 100 at times. This kept the livestock heat stress index running in the Danger category during the better part of the day.

Temperatures for the period averaged 77 degrees across the state which was 5 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 90 in the West to 85 in the East. Departure from normal high temperatures ranged from 5 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 70 degrees in the West to 65 degrees in the East. Departure from normal low temperatures ranged from 7 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 97 degrees at BOWLING GREEN APT and the extreme low was 56 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.03 inches statewide which was 0.01 inches above normal and 101% of normal. Precipitation totals by climate division, West 0.97 inches, Central 0.87 inches, Bluegrass 1.31 inches and East 0.98 inches, which was 0.00, -0.15, 0.28 and -0.06 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at MONTICELLO AWOS to a high of 3.88 inches at STANFORD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/17/18 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>				
Bardstown	0.83	10.59	3.65	0.17	-0.01	94	62	77	4	187	1,242	66
Berea	1.88	14.67	4.63	3.36	0.68	88	59	74	2	171	1,138	-76
Bowling Green	0.29	8.59	2.31	-3.03	-1.81	97	69	82	9	222	1,425	210
Bristol	0.99	7.17	3.65	-2.04	0.26	92	53	75	3	175	1,164	66
Buckhorn Lake	1.64	10.13	4.04	-0.08	0.23	88	58	74	2	166	1,216	148
Cape Girardeau	0.77	10.57	3.14	-1.02	-0.67	96	69	82	7	228	1,388	107
Campbellsville	0.85	10.73	3.27	-1.56	-0.93	90	62	66	-7	160	1,164	-32
Covington	0.56	8.41	2.80	-1.80	-0.89	94	60	76	4	185	1,221	181
Cumberland Gap	0.90	10.42	4.09	-0.88	-0.03	90	60	75	3	177	1,170	69
Dix Dam	2.36	15.40	6.85	4.36	3.09	89	61	75	3	176	1,208	49
Evansville	1.69	13.77	8.11	3.02	4.45	95	66	80	5	209	1,360	165
Glasgow	0.26	9.73	4.17	-2.49	-0.23	91	65	78	5	196	1,287	128
Grayson	1.48	15.83	6.13	5.76	2.44	89	57	73	1	162	1,132	120
Hardinsburg	1.10	10.53	3.93	-0.80	0.05	92	63	78	5	195	1,305	76
Henderson	0.65	9.96	2.87	-1.00	-0.89	94	68	81	6	216	1,404	156
Huntington	1.01	8.46	2.21	-1.50	-1.40	94	58	64	-8	152	1,206	104
Jackson	0.93	11.35	2.83	0.61	-0.92	91	63	75	3	178	1,272	204
Lexington	0.93	13.33	3.74	2.91	0.08	93	61	76	4	184	1,274	178
London	2.66	12.48	5.61	2.25	2.05	91	60	76	4	179	1,210	94
Louisville	1.24	11.31	4.38	0.50	0.78	95	69	80	7	211	1,478	296
Mayfield	0.79	10.89	4.03	-1.08	0.34	91	69	80	5	213	1,384	101
Nashville	0.35	9.53	3.54	-1.74	-0.21	96	69	82	9	222	1,463	137
Nolin Lake	0.34	9.69	3.15	-2.54	-1.02	93	63	79	6	202	1,336	210
Paducah	0.98	14.11	4.90	1.87	0.85	95	70	83	8	234	1,478	216
Princeton	1.34	11.09	4.20	-0.85	0.26	93	69	80	5	210	1,366	86
Quicksand	0.96	10.38	1.87	-0.36	-1.88	90	58	75	3	176	1,168	100
Somerseset	1.44	12.65	4.47	0.83	0.27	90	62	76	4	184	1,177	35
Spindletop	0.52	15.25	4.20	4.83	0.54	95	62	77	5	188	1,266	170
Williamstown	1.31	12.82	4.43	2.12	0.73	89	59	74	2	168	1,156	78

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