



Crop Progress and Condition

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In Cooperation with:

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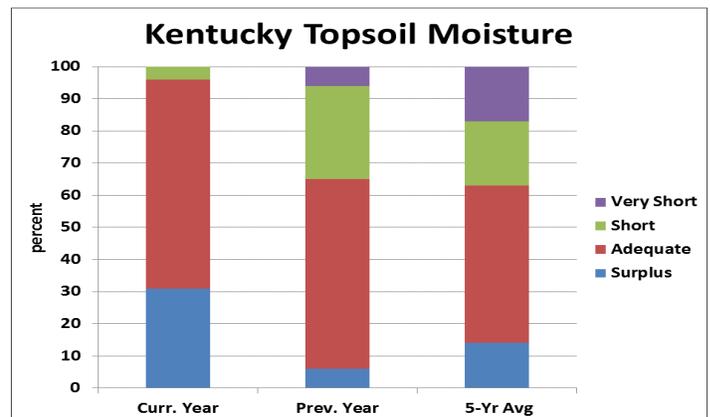
Agricultural News: Kentucky experienced below normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.82 inches, 1.83 inches above normal. Temperatures averaged 73 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 0 percent very short, 4 percent short, 65 percent adequate and 31 percent surplus. **Subsoil moisture** was rated 0 percent very short, 5 percent short, 76 percent adequate, and 19 percent surplus. Days suitable for fieldwork averaged 2.8 out of a possible seven.

Field activities were hampered due to rains throughout the week. Continued rainfall is delaying second cutting of alfalfa in many areas, resulting in deteriorating quality. Heavy rains caused some flooding last week resulting in reports of damage to tobacco, corn and soybeans in low lying areas. The average height of emerged soybeans was 14 inches, compared to 9 inches last week and 16 inches last year at this time. Cooler temperatures were welcomed by livestock.

SOIL MOISTURE for week ending 07/05/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	65	31
Subsoil	-	5	76	19

- Represents zero.



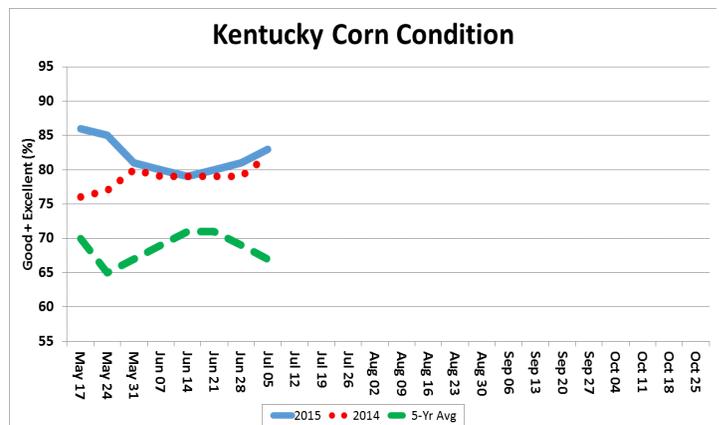
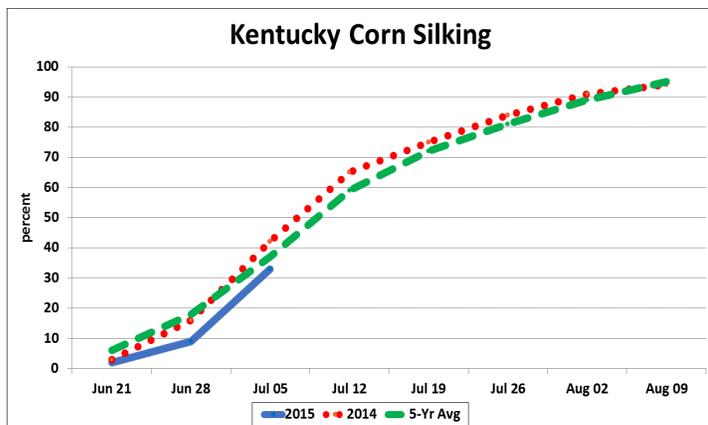
CROP PROGRESS for week ending 07/05/15

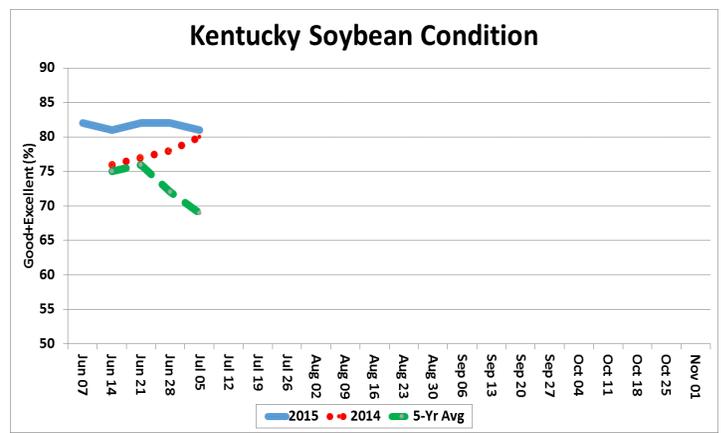
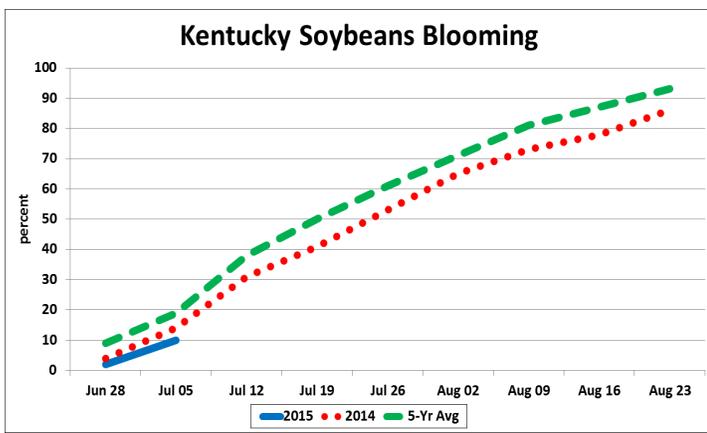
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	33	9	42	37
Corn Milked	3	-	9	6
Soybeans Planted	95	90	96	97
Soybeans Emerged	87	80	90	91
Soybeans Blooming	10	2	14	19
Tobacco Blooming	10	2	10	8
Winter Wheat Harvested	93	73	89	90

- Represents zero.

CROP CONDITIONS for week ending 07/05/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	13	63	20
Livestock	1	2	11	67	19
Pasture	1	4	19	61	15
Soybeans	1	3	15	67	14
Tobacco Set	1	3	20	65	11





**Kentucky Climate Summary
For the Period June 29, 2015 to July 5, 2015**

Below Normal Temperatures and Much Above Normal Rainfall:

A very active pattern this past week led to a third straight period of above normal rainfall for the Bluegrass State. For much of the week, Kentucky was situated within a northwest flow aloft, allowing for multiple disturbances to interact with a stalled frontal boundary at the surface. Showers and storms were sparked on a daily basis, becoming widespread at times. The Commonwealth remained rooted in a very moist air mass, which led to efficient rainfall producing storms. By the second half of the work week, grounds were saturated and combined with heavy downpours at times, flash flooding was a possibility. Overall, the state averaged nearly three inches for the week, which was over an inch and a half above normal. The US Drought Monitor has now entirely removed Moderate Drought across the state, with only a slight percentage of abnormally dry conditions remaining. Cloud cover and the active pattern kept temperatures down for the week, breaking a three week span of above normal temperatures.

Temperatures for the period averaged 73 degrees across the state which was 2 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 83 in the West to 79 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at POPLAR BLUFF ASOS and the extreme low was 51 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 2.82 inches statewide which was 1.83 inches above normal and 285% of normal. Precipitation totals by climate division, West 2.34 inches, Central 3.44 inches, Bluegrass 2.68 inches and East 2.83 inches, which was 1.35, 2.46, 1.71 and 1.81 inches above normal. By station, precipitation totals ranged from a low of 0.00 inches at MONTICELLO AWOS to a high of 7.25 inches at SCOTTSVILLE 2W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/05/15 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
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	1.13	20.38	5.62	7.56	2.01	83	63	73	-3	160	1,702	115
Berea	3.34	21.98	7.29	8.25	3.55	82	56	71	-4	150	1,561	-70
Bowling Green	2.78	17.63	5.45	3.44	1.49	87	68	77	1	192	1,902	257
Bristol	2.43	10.91	4.23	-0.53	0.82	82	53	73	-2	158	1,708	218
Buckhorn Lake	3.39	17.19	7.41	4.40	3.45	80	55	71	-4	146	1,626	191
Cape Girardeau	1.87	16.59	6.18	2.93	2.95	89	65	76	-1	185	1,840	107
Campbellsville	3.76	19.69	5.19	4.73	1.13	83	59	73	-3	160	1,611	5
Covington	3.91	15.94	8.84	3.39	5.21	81	59	72	-3	152	1,562	128
Cumberland Gap	4.42	17.97	8.47	3.97	4.35	82	54	72	-3	152	1,642	159
Dix Dam	2.20	24.20	10.27	10.77	6.66	81	61	72	-3	156	1,602	30
Evansville	1.16	18.46	8.38	5.55	5.05	85	66	76	-1	180	1,760	130
Glasgow	5.41	22.15	10.25	7.08	5.87	82	65	74	-2	172	1,716	134
Grayson	2.91	20.80	7.49	8.29	3.76	81	55	70	-5	140	1,490	115
Hardinsburg	4.22	17.48	7.52	3.74	3.84	85	62	74	-2	168	1,675	13
Henderson	1.28	18.44	9.00	5.18	5.43	83	65	75	-2	174	1,757	73
Huntington	2.09	15.28	6.46	2.92	2.83	81	54	70	-5	138	1,556	60
Jackson	2.05	20.75	8.20	7.50	4.42	80	57	71	-4	146	1,700	265
Lexington	2.38	20.86	6.49	8.04	2.88	83	61	73	-2	160	1,634	132
London	6.55	17.95	9.71	5.38	6.17	83	57	73	-2	160	1,764	256
Louisville	2.62	22.98	9.26	9.94	5.88	86	68	76	0	183	1,918	306
Mayfield	3.28	19.07	7.40	4.92	4.09	85	67	75	-2	177	1,791	77
Nashville	3.08	16.05	5.32	2.59	1.94	86	65	75	-1	175	1,952	175
Nolin Lake	3.91	22.46	7.93	7.72	4.11	89	65	77	1	186	1,928	411
Paducah	2.86	14.69	5.25	0.01	1.47	89	66	77	0	191	1,925	217
Princeton	2.23	15.96	4.78	1.66	1.14	86	66	75	-2	178	1,754	36
Quicksand	2.08	17.19	4.41	3.94	0.63	83	55	72	-3	154	1,598	163
Somerset	2.50	19.48	7.49	5.03	3.45	81	56	71	-4	150	1,586	47
Spindletop	2.55	25.87	8.65	13.05	5.04	84	63	73	-2	164	1,689	187
Williamstown	2.17	19.09	7.79	6.03	4.17	80	60	71	-4	146	1,510	35

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