



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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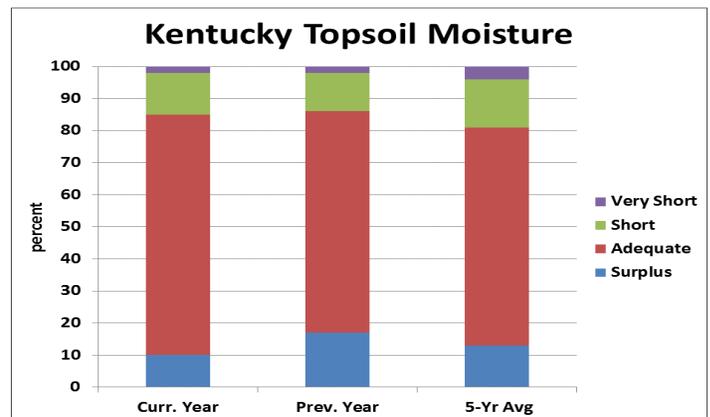
Issue: 14-15

Agricultural News: Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.44 inches, 0.65 inches below normal. Temperatures averaged 68 degrees for the week, 2 degrees below normal. **Topsoil moisture** was rated 2 percent very short, 13 percent short, 75 percent adequate and 10 percent surplus. **Subsoil moisture** was rated 2 percent very short, 12 percent short, 77 percent adequate, and 9 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible seven.

Primary activities this week included planting corn, soybeans and tobacco. Some re-planting occurred in locations that have received excess rainfall the past few weeks that resulted in drowning out or poor stands. The average height of emerged corn was 14 inches, compared to 11 inches last week, with eighty percent rated as good to excellent. Wheat producers were gearing up for the grain harvest which will begin in the near future. Hay continued to be harvested on farms that had not been able to complete their first cutting. The average height of tobacco in the field was 4 inches.

SOIL MOISTURE for week ending 06/07/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	2	13	75	10
Subsoil	2	12	77	9



CROP PROGRESS for week ending 06/07/15

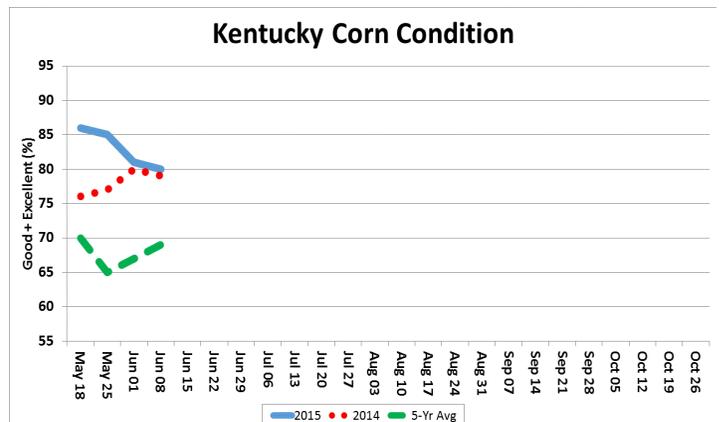
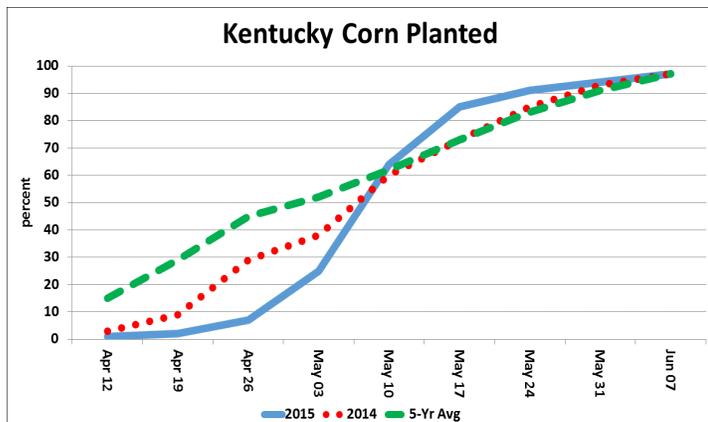
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	97	94	97	97
Corn Emerged	90	82	86	88
Soybeans Planted	61	49	60	63
Soybeans Emerged	42	28	41	46
Tobacco Set	68	56	69	69
Winter Wheat Coloring	69	40	59	-
Winter Wheat Mature	5	-	-	-

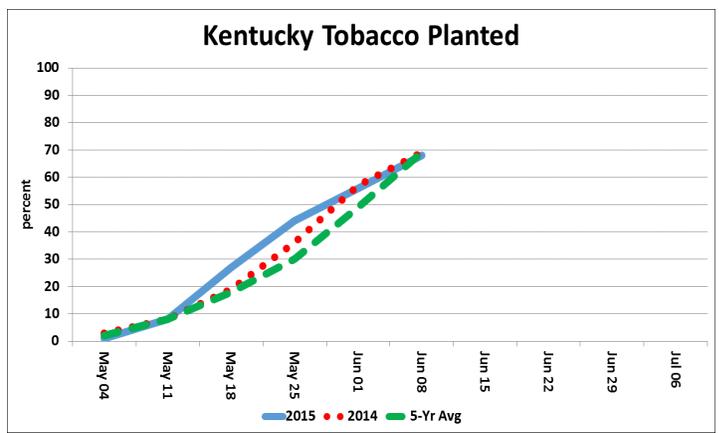
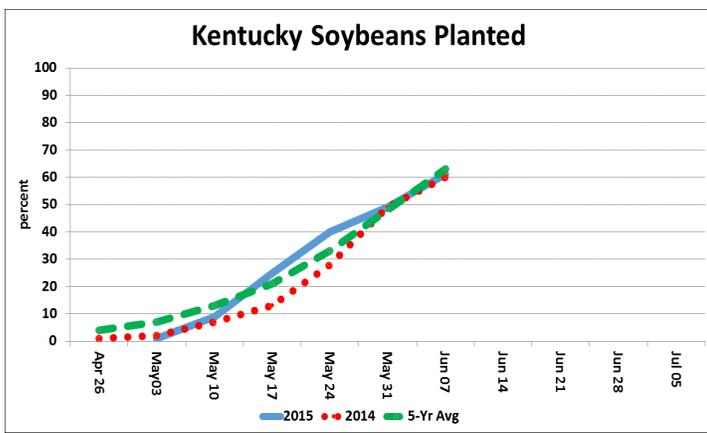
- Represents zero or not available.

CROP CONDITIONS for week ending 06/07/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	15	65	15
Pasture	2	6	21	60	11
Soybeans	-	3	15	70	12
Tobacco Set	-	2	18	69	11
Wheat	1	4	16	58	21

- Represents zero.





**Kentucky Climate Summary
For the Period June 1, 2015 to June 7, 2015**

Below Normal Temperatures and Rainfall:

June 1st signaled the first day of meteorological summer. The period got underway with unseasonably cool conditions in place, but summer heat and humidity made a return by the weekend. An upper level low slowly working across the area kept a consistent cloud deck over much of the area for the first half of the work week. This had quite the impact on high temperatures, especially on Monday and Tuesday, when much of the Bluegrass State stayed in the upper 50s to middle 60s. High pressure worked back into the region by Thursday, clearing skies and bringing back temperatures closer to normal, in the low to mid 80s. Conditions remained dry over the weekend with heat and humidity on the rise. Southwesterly flow bumped temperatures into the upper 80s to low 90s on Sunday, bringing the feel that summer had arrived. Other than some widespread showers on Monday, the remainder of the week remained mostly dry. On average, the state was over a half inch below normal for the period.

Temperatures for the period averaged 68 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 78 in the West to 78 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 60 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at BURKESVILLE 3W and the extreme low was 50 degrees at GREENVILLE 6N.

Precipitation (liq. equ.) for the period totaled 0.44 inches statewide which was 0.65 inches below normal and 40% of normal. Precipitation totals by climate division, West 0.34 inches, Central 0.41 inches, Bluegrass 0.45 inches and East 0.56 inches, which was 0.72, 0.7, 0.64 and 0.54 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 1.42 inches at PIKEVILLE 13S.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/07/15 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	0.91	14.76	2.86	5.56	-1.02	87	53	67	-4	120	974	19
Berea	0.21	14.69	2.18	4.70	-2.00	90	52	65	-5	103	860	-130
Bowling Green	0.14	12.18	3.10	1.95	-1.22	91	55	70	-1	140	1,078	94
Bristol	0.58	6.68	1.00	-1.35	-2.47	90	55	70	0	142	981	94
Buckhorn Lake	0.61	9.78	2.32	0.95	-1.43	87	53	67	-3	122	933	59
Cape Girardeau	0.00	10.41	3.74	-0.02	-0.59	91	57	70	-3	140	1,024	-14
Campbellsville	0.57	14.50	4.26	3.60	-0.23	88	53	66	-5	114	891	-87
Covington	0.18	7.10	1.84	-1.83	-1.96	88	52	67	-3	122	867	36
Cumberland Gap	0.49	9.50	2.41	-0.38	-1.84	88	58	70	0	139	941	43
Dix Dam	1.34	13.93	4.43	4.11	0.36	87	53	66	-4	108	896	-41
Evansville	0.02	10.08	2.45	0.50	-1.58	92	53	69	-4	134	978	16
Glasgow	0.18	11.90	2.96	1.22	-1.54	88	54	68	-3	124	972	41
Grayson	0.43	13.31	2.78	4.52	-1.00	85	54	66	-4	108	830	10
Hardinsburg	0.21	9.96	3.28	-0.10	-0.90	89	50	67	-4	117	933	-63
Henderson	0.17	9.44	3.21	-0.25	-0.76	90	51	69	-4	132	990	-22
Huntington	0.08	8.82	1.25	0.10	-2.50	88	53	67	-3	117	872	-21
Jackson	0.76	12.55	2.46	3.08	-1.47	87	53	68	-2	128	1,004	130
Lexington	0.91	14.37	2.98	5.17	-0.90	89	51	66	-4	110	912	33
London	1.19	8.24	2.76	-0.78	-0.97	89	57	69	-1	136	1,028	121
Louisville	0.17	13.72	2.16	4.06	-1.78	90	57	70	-1	138	1,102	150
Mayfield	0.24	11.67	4.72	0.82	0.54	89	55	70	-3	138	1,010	-38
Nashville	0.75	10.73	4.31	0.65	0.17	91	58	72	1	152	1,146	63
Nolin Lake	0.48	14.53	4.31	3.61	-0.32	92	54	70	-1	137	1,122	205
Paducah	0.00	9.44	3.62	-1.45	-0.67	92	56	71	-2	149	1,090	69
Princeton	0.28	11.18	3.69	0.52	-0.57	90	52	69	-4	134	978	-66
Quicksand	0.73	12.78	3.14	3.31	-0.79	88	55	69	-1	134	893	19
Somerset	0.39	11.99	1.93	1.58	-2.49	88	53	67	-3	118	896	-33
Spindletop	1.01	17.22	4.03	8.02	0.15	90	54	67	-3	118	936	57
Williamstown	0.26	11.30	1.77	1.86	-2.10	87	52	65	-5	102	840	-26

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