



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: September 14, 2015

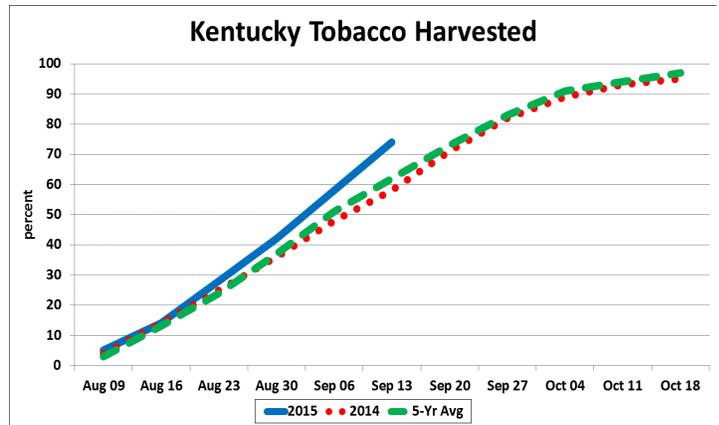
Issue: 28-15

Agricultural News: Kentucky experienced near normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 0.98 inches, 0.16 inches above normal. Temperatures averaged 71 degrees for the week, near normal. **Topsoil moisture** was rated 6 percent very short, 33 percent short, 57 percent adequate and 4 percent surplus. **Subsoil moisture** was rated 5 percent very short, 26 percent short, 66 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven.

Primary activities this week included cutting hay and tobacco and harvesting corn for grain in some locations. Scattered showers were beneficial to crops and pastures. However, some areas did not receive rain and are in need of additional moisture. Early corn yields are reported to be very good. Harvest has also begun on some early soybean fields. Pastures and livestock remain in mostly good condition.

SOIL MOISTURE for week ending 09/13/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	6	33	57	4
Subsoil	5	26	66	3



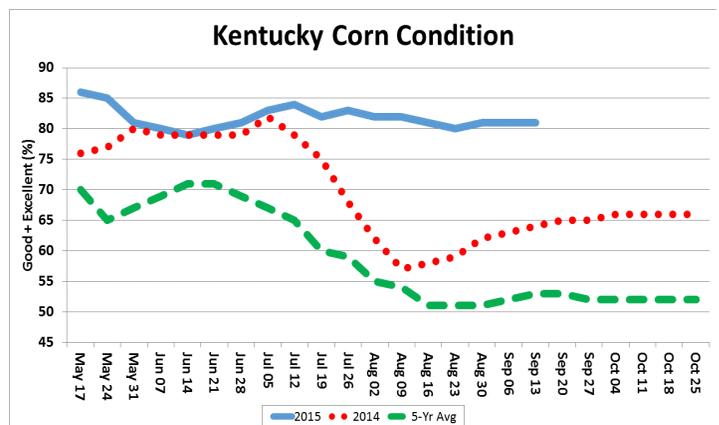
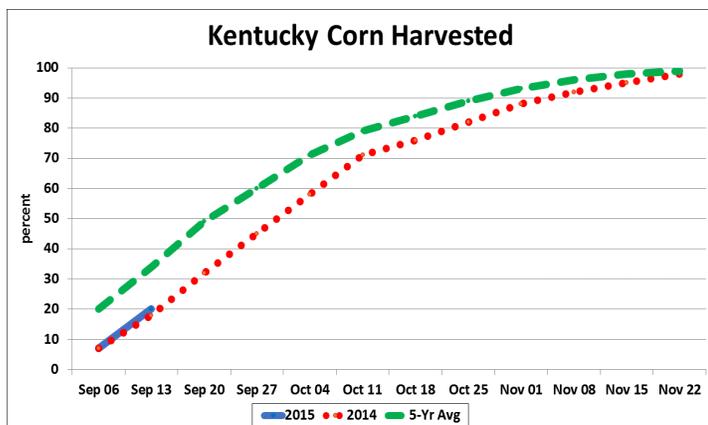
CROP PROGRESS for week ending 09/13/15

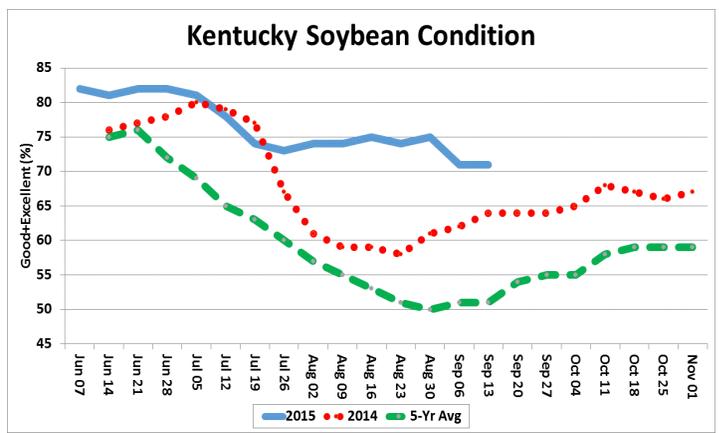
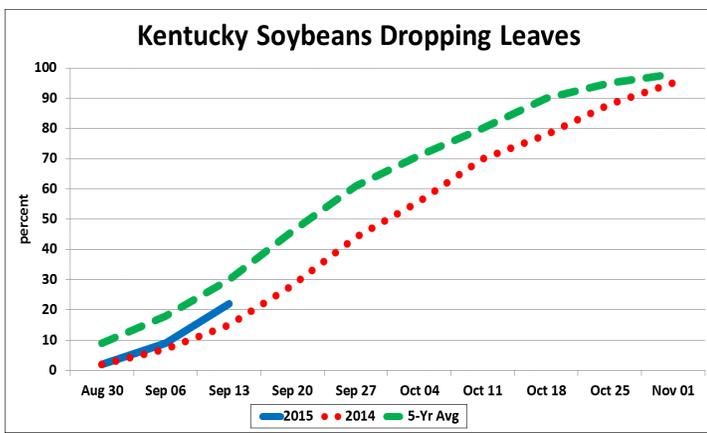
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dent	91	81	86	90
Corn Mature	71	51	59	71
Corn Harvested	20	7	18	34
Soybeans Setting Pods	96	91	94	96
Soybeans Coloring	52	35	42	-
Soybeans Dropping Leaves	22	9	15	30
Soybeans Mature	4	-	-	9
Tobacco Topped	97	93	95	98
Tobacco Cut	74	58	58	62

- Represents zero or not available.

CROP CONDITIONS for week ending 09/13/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	4	13	52	29
Pasture	2	10	27	53	8
Soybeans	2	6	21	54	17
Tobacco Housed	2	6	22	63	7





**Kentucky Climate Summary
For the Period September 7, 2015 to September 13, 2015**

Near Normal Temperatures and Above Normal Rainfall:

The Bluegrass State underwent a major pattern change this past week. The period started off with above normal temperatures remaining in place. Through Tuesday, southerly flow sent highs into the upper 80s to middle 90s for much of Kentucky, continuing a warm and dry pattern for the beginning of September. That pattern broke on Wednesday as a weak cold front pushed through the region. After a couple weeks of mostly dry conditions, the Commonwealth saw some relief as scattered to numerous showers and storms pushed through the Ohio Valley. An unsettled pattern continued into the first half of the weekend. Overall, the state averaged just under an inch for the week, which is slightly above normal for this time of the year. The period ended with much drier and considerably cooler air in place. Clear skies on Saturday night led to lows ranging from the middle 40s to around 50 for most, which is more typical of mid to late October.

Temperatures for the period averaged 71 degrees across the state which was near normal and 6 degrees cooler than the previous period. High temperatures averaged from 81 in the West to 79 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 62 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 94 degrees at LOUISA 1S and the extreme low was 41 degrees at HENDERSON 5E.

Precipitation (liq. equ.) for the period totaled 0.98 inches statewide which was 0.16 inches above normal and 119% of normal. Precipitation totals by climate division, West 0.52 inches, Central 0.88 inches, Bluegrass 1.12 inches and East 1.42 inches, which was -0.30, -0.04, 0.37 and 0.62 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at GREENVILLE 6N to a high of 3.88 inches at STANFORD 4NE.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/13/15 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	1.57	33.38	2.22	11.05	-1.07	90	46	72	3	154	3,449	235
Berea	1.42	31.88	1.89	8.72	-1.77	91	48	71	3	144	3,264	-20
Bowling Green	0.64	23.59	0.95	0.30	-2.36	93	50	74	5	170	3,856	514
Bristol	1.58	22.89	5.32	3.25	2.37	89	47	71	3	146	3,466	399
Buckhorn Lake	1.08	25.83	2.30	3.74	-1.05	89	49	70	2	138	3,196	276
Cape Girardeau	1.06	28.28	1.97	6.61	-1.27	91	44	70	-1	144	3,758	281
Campbellsville	0.73	28.16	1.17	2.12	-3.05	90	44	71	2	144	3,281	22
Covington	0.56	22.76	1.60	2.05	-1.27	92	50	71	3	145	3,237	223
Cumberland Gap	1.63	27.92	3.71	3.84	0.28	88	50	70	2	144	3,350	306
Dix Dam	0.65	34.48	1.03	11.51	-2.33	92	46	72	4	154	3,302	86
Evansville	0.13	25.31	1.81	4.61	-0.98	93	50	72	1	152	3,640	322
Glasgow	0.60	26.45	0.92	1.21	-2.72	89	46	72	3	154	3,514	266
Grayson	3.69	36.79	4.12	15.26	1.11	89	51	70	2	142	3,089	210
Hardinsburg	0.12	24.78	2.18	1.68	-1.23	92	43	72	3	153	3,418	61
Henderson	0.78	28.71	2.28	7.35	-0.75	94	48	72	1	152	3,583	202
Huntington	3.08	26.13	3.40	4.49	0.28	93	49	70	2	140	3,208	128
Jackson	0.70	33.85	2.59	10.66	-0.88	89	52	71	3	150	3,411	491
Lexington	0.98	31.95	1.92	9.62	-1.37	92	48	73	5	159	3,380	257
London	2.26	28.27	3.72	6.89	0.61	90	52	72	4	154	3,572	494
Louisville	0.80	33.29	1.39	11.56	-1.69	94	50	75	6	173	3,895	569
Mayfield	0.83	30.28	1.67	6.81	-1.90	90	46	72	1	152	3,646	260
Nashville	1.44	24.25	2.71	2.52	-0.44	92	50	75	6	172	3,988	419
Nolin Lake	0.94	31.31	1.05	6.75	-2.59	94	46	74	5	168	3,830	738
Paducah	0.15	24.40	0.83	1.27	-2.39	92	44	72	1	156	3,867	425
Princeton	0.04	25.52	1.81	2.17	-1.57	89	43	71	0	147	3,567	125
Quicksand	0.53	27.03	2.19	3.84	-1.28	90	52	72	4	152	3,326	406
Somerset	0.23	27.45	0.92	3.25	-2.71	90	48	71	3	148	3,227	113
Spindletop	0.55	38.67	1.06	16.34	-2.23	93	49	73	5	162	3,486	363
Williamstown	0.79	30.41	3.03	8.44	-0.16	89	49	70	2	140	3,129	71

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