



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
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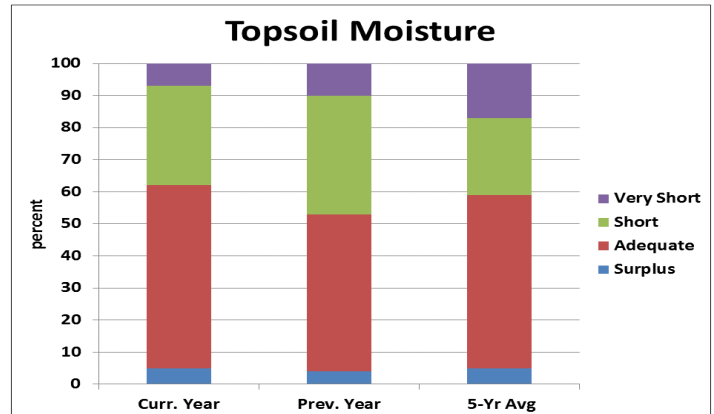
Issue: 31-15

Agricultural News: Kentucky experienced below normal temperatures and above normal rainfall over the past week. Precipitation for the week totaled 1.82 inches, 1.02 inches above normal. Temperatures averaged 62 degrees for the week, 1 degree below normal. **Topsoil moisture** was rated 7 percent very short, 31 percent short, 57 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 7 percent very short, 30 percent short, 59 percent adequate, and 4 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

Much needed rain was received this past week. However, it may have been too late to improve yields for some double crop soybeans. Crops were harvested between rain events where conditions allowed. Pasture conditions improved slightly due to the moisture received. Livestock were rated in mostly good condition. Some producers had begun feeding hay because of dry weather and welcomed the rainfall. Tobacco houseburn was reported as 1 percent heavy, 5 percent moderate, 15 percent light, with 79 percent experiencing none.

SOIL MOISTURE for week ending 10/04/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	7	31	57	5
Subsoil	7	30	59	4



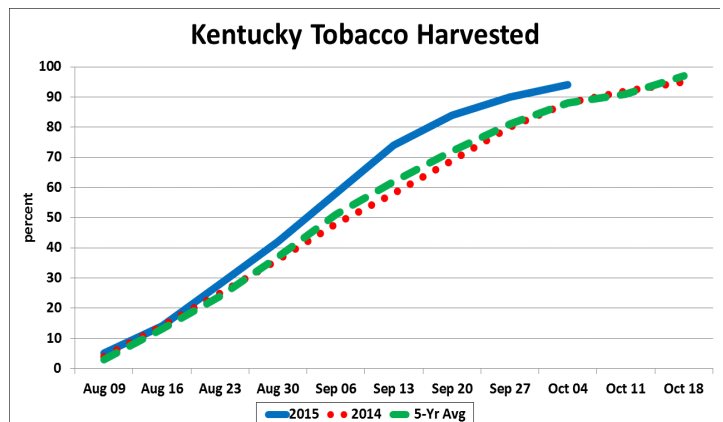
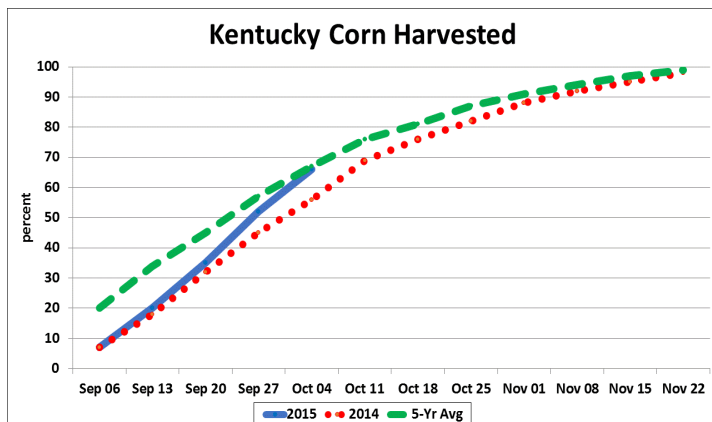
CROP PROGRESS for week ending 10/04/15

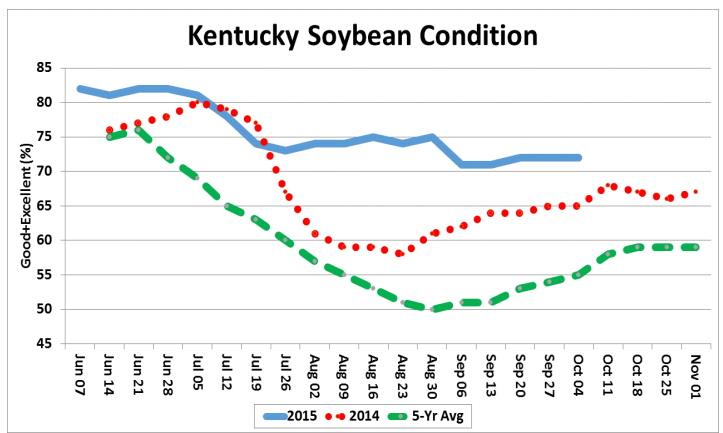
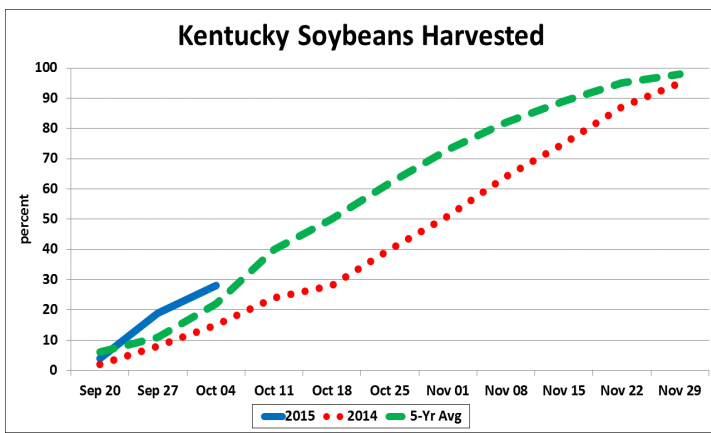
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Mature	96	92	91	94
Corn Harvested	66	52	56	67
Soybeans Coloring	90	83	81	-
Soybeans Dropping Leaves	71	57	54	71
Soybeans Mature	53	39	36	48
Soybeans Harvested	28	19	15	22
Tobacco Cut	94	90	88	88
Tobacco Stripped	5	-	4	3
Winter Wheat Seeded	9	3	7	8

CROP CONDITIONS for week ending 10/04/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	4	11	51	33
Livestock	1	2	14	70	13
Pasture	4	13	29	48	6
Soybeans	2	6	20	55	17
Tobacco Housed	2	7	24	60	7

- Represents zero or not available.





**Kentucky Climate Summary
For the Period September 28, 2015 to October 4, 2015**

Below Normal Temperatures and Much Above Normal Rainfall:

The Commonwealth saw numerous rounds of beneficial rainfall this past week as the state was situated within a rather unsettled pattern. Abundant moisture pushed into the Lower Ohio Valley ahead of an upper level low pressure system by Tuesday, setting the stage for a wet week ahead. Several disturbances kept the chance for rainfall in the forecast through Saturday. The most significant and widespread activity was seen over the midsection of the work week, before showers became confined to mainly the eastern half of the state heading into the weekend. Showers and any accumulations were rather light in nature by Friday and Saturday, with cooler temperatures as the more noticeable impact. Northeast breezy flow combined with overcast skies to keep highs in the 50s both days. The state averaged 1.82 inches of rainfall for the week, which was over an inch above normal. This was the first time the state was an inch above normal for a week since mid-July. South-central Kentucky saw the highest accumulations over the 7 day period, with many locations coming in at 3 to 4+ inches.

Temperatures for the period averaged 62 degrees across the state which was 1 degree cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 69 in the West to 67 in the East. Departure from normal high temperatures ranged from 8 degrees cooler than normal in the West to 8 degrees cooler than normal in the East. Low temperatures averaged from 57 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 9 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at BOWLING GREEN APT and the extreme low was 45 degrees at TRIANGLE MOUNTAIN.

Precipitation (liq. equ.) for the period totaled 1.82 inches statewide which was 1.02 inches above normal and 227% of normal. Precipitation totals by climate division, West 1.12 inches, Central 2.54 inches, Bluegrass 1.89 inches and East 1.72 inches, which was 0.3, 1.68, 1.15 and 0.93 inches above normal. By station, precipitation totals ranged from a low of 0.32 inches at POPLAR BLUFF ASOS to a high of 4.94 inches at CAMPBELLSVILLE 7W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 10/04/15 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Relative Humidity	
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Average High	
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	2.66	36.38	4.57	11.91	1.68	83	46	61	-2	97	45
Berea	1.91	34.76	4.30	8.97	0.74	80	48	62	0	88	38
Bowling Green	3.40	27.14	4.19	1.35	0.82	86	50	65	2	93	52
Bristol	3.20	26.41	5.10	4.59	2.16	85	53	67	5	100	10
Buckhorn Lake	1.73	28.55	3.80	4.03	0.51	79	48	61	-1	96	48
Cape Girardeau	0.39	28.87	1.65	4.79	-1.59	79	49	63	-2	100	57
Campbellsville	4.94	33.47	6.04	4.39	1.92	83	48	62	-1	96	53
Covington	1.31	24.19	1.99	1.48	-0.68	85	46	62	0	100	52
Cumberland Gap	2.67	31.53	5.24	5.27	2.35	82	52	64	2	100	10
Dix Dam	2.07	37.10	3.27	11.83	0.17	82	47	62	0	97	52
Evansville	0.95	26.28	1.10	3.53	-1.65	85	49	64	-1	94	46
Glasgow	1.66	28.24	2.39	0.41	-1.11	83	48	63	0	100	48
Grayson	1.51	39.52	6.42	16.04	3.83	80	47	61	-1	85	57
Hardinsburg	0.78	25.67	1.01	0.11	-2.30	84	48	63	0	100	44
Henderson	2.13	30.85	2.92	7.17	-0.21	84	50	64	-1	94	46
Huntington	1.21	28.12	5.07	4.51	2.45	81	47	61	-1	100	62
Jackson	1.67	36.34	3.19	10.78	0.00	82	48	61	-1	97	59
Lexington	2.40	34.73	3.76	10.26	0.87	83	47	62	0	97	52
London	2.72	32.02	6.01	8.31	2.87	82	51	63	1	90	55
Louisville	2.06	35.45	2.96	11.58	0.08	85	49	64	1	93	45
Mayfield	0.85	31.18	1.73	4.99	-1.91	80	49	63	-2	85	57
Nashville	0.78	25.65	2.84	1.65	-0.23	80	51	64	1	100	62
Nolin Lake	1.47	32.91	2.54	5.55	-1.25	85	48	65	2	100	48
Paducah	0.57	25.24	0.99	-0.37	-2.35	80	51	65	0	97	45
Princeton	0.82	26.34	0.86	0.71	-2.20	82	49	63	-2	85	57
Quicksand	1.53	29.61	3.11	4.05	-0.08	83	51	63	1	85	57
Somerset	2.92	31.34	4.12	4.45	0.50	79	49	63	1	100	57
Spindletop	3.28	42.47	4.35	18.00	1.46	84	48	62	0	98	53
Williamstown	1.78	32.30	2.68	8.13	-0.26	84	46	61	-1	85	57

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