



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
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: November 19, 2018

Issue: 38-18

Agricultural News: Kentucky experienced well below normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.38 inches, 0.46 inches above normal. Temperatures averaged 38 degrees for the week, 10 degrees below normal. **Topsoil moisture** was rated 1 percent short, 62 percent adequate and 37 percent surplus. **Subsoil moisture** was rated 68 percent adequate, and 32 percent surplus. Days suitable for fieldwork averaged 2.5 out of a possible seven.

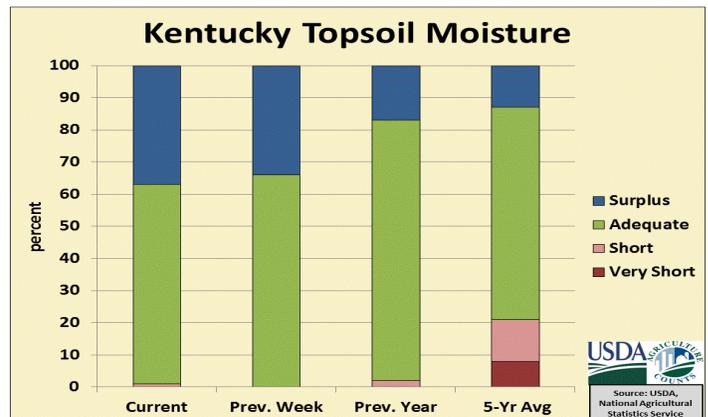
Primary activities this week included harvesting corn and soybeans, stripping tobacco, and planting winter wheat when weather conditions permitted. Harvesting and planting continued to be limited this week by rainfall, freezing rain, and snowfall across most of the state. The ice accumulation caused some lodging in unharvested soybeans, and delays in harvesting have some beans starting to pop resulting in lower yields and quality.

Wheat planting has been delayed for several weeks due to weather conditions, and some producers are considering abandoning winter wheat acres and taking prevented planting through crop insurance. The winter wheat that has been planted is slow to germinate due to the cold and wet soils. Fall breeding of cattle has begun; pastures remain muddy from frequent precipitation events this fall.

SOIL MOISTURE for week ending 11/18/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	62	37
Subsoil	-	-	68	32

- Represents zero.

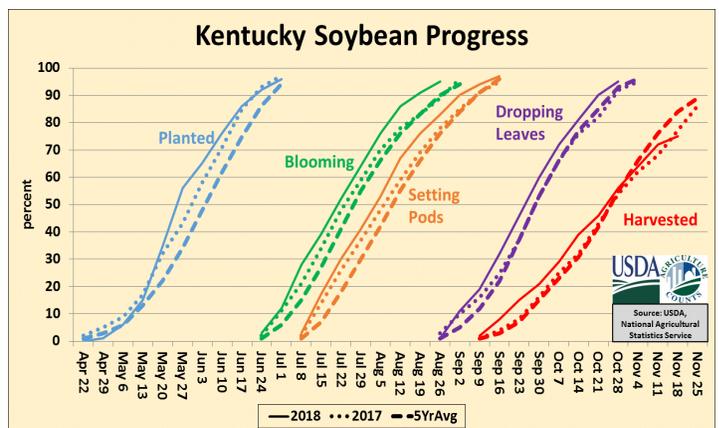
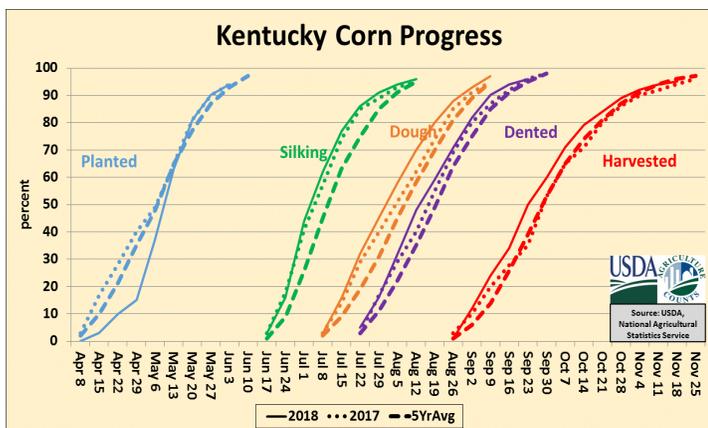


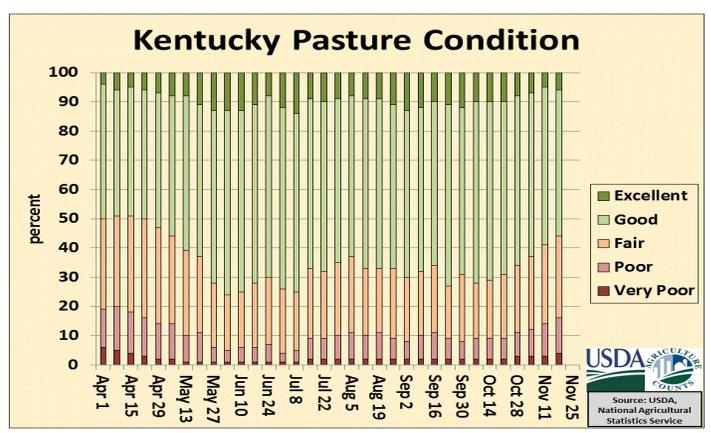
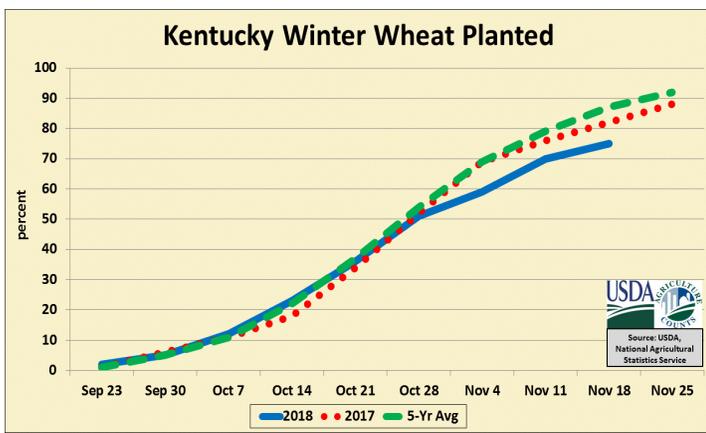
CROP PROGRESS for week ending 11/18/18

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Harvested	95	94	94	96
Soybeans Harvested	75	72	77	84
Tobacco Stripped	64	55	60	53
Winter Wheat Seeded	75	70	82	87
Winter Wheat Emerged	58	46	67	64

CROP CONDITIONS for week ending 11/18/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	4	12	28	50	6
Wheat	2	3	18	54	23





**Kentucky Climate Summary
For the Period November 12, 2018 to November 18, 2018**

Well Below Normal Temperatures and Above Normal Precipitation:

Winter came early for the Bluegrass State as temperatures ran below normal for a second straight week and a wintry mix of precipitation fell on several occasions. The most significant event came Wednesday night and into Thursday. A Winter Weather Advisory was issued for the majority of the state. Freezing rain fell across much of Central Kentucky and the Bluegrass with numerous accumulations between a tenth and quarter inch. Ice accumulations were mainly limited to elevated surfaces with warm ground temperatures in place. While this mitigated road impacts, the ice did lead to many downed limbs and associated power outages. Precipitation fell in the form of snow for extreme portions of Western Kentucky with accumulations between 1 and 2 inches. Combined with additional rain showers on Monday/Sunday and other light snow events, accumulations averaged 1.2 inches for the week. Behind the winter weather, Kentucky saw a warming trend through the weekend, increasing into the 50s on Saturday and Sunday.

Temperatures for the period averaged 38 degrees across the state which was 10 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 43 in the West to 46 in the East. Departure from normal high temperatures ranged from 16 degrees cooler than normal in the West to 13 degrees cooler than normal in the East. Low temperatures averaged from 31 degrees in the West to 32 degrees in the East. Departure from normal low temperatures ranged from 8 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 65 degrees at BENTON 4N and the extreme low was 18 degrees at CARBONDALE ASOS.

Precipitation (liq. equ.) for the period totaled 1.38 inches statewide which was 0.46 inches above normal and 151% of normal. Precipitation totals by climate division, West 0.77 inches, Central 1.68 inches, Bluegrass 1.44 inches and East 1.61 inches, which was -0.31, 0.72, 0.65 and 0.78 inches respectively from normal. By station, precipitation totals ranged from a low of 0.14 inches at POPLAR BLUFF ASOS to a high of 2.59 inches at GREENVILLE 6N.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 11/18/18 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)					
Bardstown	1.48	41.46	7.09	12.72	4.23	60	25	37	-10	98	44
Berea	1.19	48.46	3.73	17.93	0.53	61	29	38	-7	100	50
Bowling Green	1.44	32.11	4.98	1.03	1.35	63	28	41	-6	96	27
Bristol	2.44	33.81	5.70	7.97	3.10	60	26	41	-4	100	43
Buckhorn Lake	1.56	39.15	4.78	9.99	1.69	60	28	39	-6	86	26
Cape Girardeau	0.20	34.52	5.06	5.45	1.72	62	23	37	-12	100	28
Campbellsville	1.81	34.36	4.48	0.13	1.06	61	26	38	-9	100	49
Covington	1.01	35.37	5.26	8.09	2.26	55	24	36	-9	100	22
Cumberland Gap	2.23	41.56	6.09	9.85	2.45	47	18	36	-9	100	26
Dix Dam	1.19	44.36	5.26	14.40	2.14	59	27	37	-8	89	25
Evansville	0.57	35.90	5.01	8.41	1.85	54	22	36	-13	100	26
Glasgow	1.84	37.79	4.02	4.60	0.31	62	28	40	-7	100	47
Grayson	1.57	51.18	5.42	23.20	2.56	62	29	39	-6	100	49
Hardinsburg	1.47	37.74	5.24	7.03	1.77	57	25	36	-11	100	57
Henderson	0.67	28.68	5.94	0.13	2.59	56	24	35	-14	100	57
Huntington	1.37	37.73	3.53	9.52	0.55	60	27	37	-8	100	46
Jackson	1.27	42.76	4.29	12.34	1.02	62	28	40	-5	100	27
Lexington	1.13	47.59	6.39	18.85	3.53	60	27	39	-6	89	25
London	1.37	40.71	5.62	12.28	2.41	60	27	39	-6	100	32
Louisville	1.23	44.92	5.71	16.47	2.62	62	27	38	-9	92	25
Mayfield	0.42	31.92	4.49	-0.35	0.39	64	24	37	-12	100	29
Nashville	1.55	27.19	4.10	-1.56	0.78	65	27	42	-5	100	32
Nolin Lake	1.58	39.61	5.35	6.78	1.62	64	28	41	-6	99	30
Paducah	0.29	36.20	7.05	5.39	3.49	65	24	38	-11	93	22
Princeton	0.60	35.42	5.67	4.35	1.91	63	24	37	-12	100	50
Quicksand	1.25	40.09	4.10	9.67	0.83	62	30	40	-5	96	49
Somerset	1.34	44.02	4.50	11.77	0.93	60	25	39	-6	100	42
Spindletop	1.21	57.32	9.55	28.58	6.69	61	27	38	-7	98	55
Williamstown	1.41	43.72	5.38	14.82	2.29	59	24	36	-9	100	61

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