



**NATIONAL  
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STATISTICS  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**Agricultural News:** Kentucky experienced varied conditions last week including snow, severe weather, and cold and warm temperatures. Precipitation for the week totaled 1.08 inches, 0.19 in above normal. Temperature for the week averaged 46 degrees, 2 degrees cooler than normal. **Topsoil moisture** was rated 1 percent very short, 4 percent short, 78 percent adequate and 17 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 80 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible seven. Primary activities this week included harvesting corn and soybeans, stripping tobacco and seeding winter wheat.

**Crops:** As of Sunday, November 17, 94 percent of the **corn** crop had been harvested, compared to 100 percent last year and the five-year average of 99 percent. Seventy-eight percent of the **soybean** crop has been harvested, compared to 95 percent last year and 93 percent for the five-year average.

**Tobacco:** Forty-two percent of burley tobacco has been stripped, compared to 38 percent last year and 47 percent for the five-year average. Condition of stripped tobacco was rated at 1 percent very poor, 4 percent poor, 21 percent fair, 59 percent good, and 15 percent excellent.

**Other Crops:** **Winter wheat** seeded was reported at 78 percent, compared to 90 percent last year and 88 percent for the five-year average. Forty-four percent of the winter wheat crop was reported to be emerged. Condition of winter wheat was reported 25 percent fair, 57 percent good, and 18 percent excellent.

### CROP PROGRESS for week ending 11/17/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Harvested	94	90	100	99
Soybeans Harvested	78	66	95	93
Winter Wheat Seeded	78	64	90	88
Winter Wheat Emerged	44	33	N/A	N/A
Burley Tobacco Stripped	42	35	38	47

### SOIL MOISTURE for week ending 11/17/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	4	78	17
Subsoil	1	6	80	13

### CROP CONDITIONS for week ending 11/17/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	-	-	25	57	18
Tobacco Stripped	1	4	21	59	15

# KENTUCKY WEATHER SUMMARY, NOVEMBER 11 - 17, 2013:

Below Normal Temperatures and Above Normal Rainfall:

This past period provided a little bit of everything when it came to weather conditions with snow, severe weather, and both cold and warm temperatures seen throughout the week. An arctic cold front dove through the Commonwealth Monday night and into Tuesday. Precipitation started out as rain, but slowly transitioned to snow through the overnight as temperatures became sub-freezing. Surface high pressure then moved into the area for the midsection of the work week. Most locations struggled to hit 40 on Tuesday before dropping into the upper teens to low 20s that night. After another very cool day on Wednesday, breezy southerly flow started ushering in much warmer air for the remainder of the week. Temperatures by Sunday were hovering in the mid 60s to around 70. An upper level disturbance brought a light rainfall event to the Bluegrass State on Friday, but Sunday had a much more significant impact. A very strong storm system dragged a cold front through the area with damaging winds and even some isolated tornadoes as the primary hazards. Combined with another batch of rainfall earlier in the morning, the Commonwealth averaged just under an inch.

Temperatures for the period averaged 46 degrees across the state which was 2 degrees cooler than normal and 2 degrees cooler than the previous period. High temperatures averaged from 57 in the West to 57 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 37 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. The extreme high temperature for the period was 71 degrees at JACKSON 3SE and the extreme low was 14 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 1.08 inches statewide which was 0.19 inches above normal and 121% of normal. Precipitation totals by climate division, West 1.09 inches, Central 1.35 inches, Bluegrass 1.39 inches and East 0.50 inches, which was 0.03, 0.42, 0.62 and -0.31 inches respectively from normal. By station, precipitation totals ranged from a low of 0.18 inches at MONTICELLO AWOS to a high of 2.82 inches at LOUISVILLE APT.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, NOVEMBER 18, 7:00 P.M.

Weather Station	Rainfall			Dev. From Norm		Air Temperature			Relative Humidity		
	Last Week	Since April 1	Last Four Wks.	Since Apr 1	Norm Last 4 Wks.	High	Low	Avg.	Normal	High	Low
	(Inches)			(Degrees Fahrenheit)							
Bardstown	2.78	36.41	5.22	+7.78	+2.39	66	18	45	-2	97	24
Berea	1.22	34.01	3.62	+3.61	+0.46	65	17	43	-2	88	38
Bowling Green	1.35	41.09	3.45	+10.16	-0.13	66	21	47	0	100	15
Bristol	0.42	32.78	0.96	+7.03	-1.63	71	18	43	-2	100	21
Buckhorn Lake	0.32	28.83	1.97	-0.21	-1.09	70	17	45	0	100	17
Cape Girardeau	1.08	26.34	2.96	-2.59	-0.35	74	17	46	-3	100	18
Campbellsville	1.68	37.80	3.73	+3.71	+0.34	65	19	45	-2	96	53
Covington	1.21	34.50	3.01	+7.34	+0.03	66	19	43	-2	100	24
Cumberland Gap	0.30	36.62	1.70	+5.05	-1.91	70	17	45	0	100	21
Dix Dam	1.12	40.62	3.06	+10.79	-0.03	63	18	44	-1	97	21
Evansville	1.36	30.83	2.94	+3.47	-0.19	70	21	45	-4	94	24
Glasgow	1.48	36.41	3.32	+3.38	-0.33	66	19	46	-1	100	17
Grayson	1.13	32.63	3.57	+4.76	+0.72	65	18	43	-2	97	39
Hardinsburg	0.69	30.62	1.97	+0.05	-1.46	67	20	46	-1	100	44
Henderson	0.64	28.71	1.82	+0.29	-1.48	67	20	46	-3	94	24
Huntington	0.86	28.60	2.34	+0.50	-0.62	66	21	45	0	100	18
Jackson	0.36	35.39	2.05	+5.10	-1.18	68	21	46	+1	96	15
Lexington	0.97	41.00	3.43	+12.37	+0.60	64	20	45	0	97	21
London	0.33	36.16	1.83	+7.86	-1.34	68	20	46	+1	93	17
Louisville	2.82	35.94	5.17	+7.61	+2.11	66	24	47	0	97	16
Mayfield	1.02	43.60	2.10	+11.49	-1.96	68	22	48	-1	97	39
Nashville	0.52	30.55	1.50	+1.94	-1.76	70	23	49	+2	100	18
Nolin Lake	1.68	35.13	4.26	+2.45	+0.58	65	20	46	-1	100	17
Paducah	1.58	36.10	3.07	+5.43	-0.44	71	20	48	-1	90	22
Princeton	0.36	37.89	1.25	+6.98	-2.46	68	21	47	-2	97	39
Quicksand	0.37	29.80	2.02	-0.49	-1.21	71	17	44	-1	97	39
Somerset	0.93	32.75	3.64	+0.64	+0.11	66	17	45	0	100	18
Spindletop	0.87	41.60	3.67	+12.97	+0.84	64	19	42	-3	100	24
Williamstown	2.26	38.45	4.50	+9.67	+1.43	61	19	43	-2	97	39

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>