



# Crop Progress and Condition

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**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 warmer conditions over the past week. Precipitation for the week totaled 1.07 inches, 0.02 inches below normal. Temperatures averaged 70 degrees for the week, 8 degrees above normal. **Topsoil moisture** was rated 4 percent short, 74 percent adequate and 22 percent surplus. **Subsoil moisture** was rated 4 percent short, 78 percent adequate, and 18 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible seven. Primary activities this week included planting corn, soybeans and tobacco, along with cutting of alfalfa and wheat hay.

Crop planting made good progress early in the week, but raining conditions later in the week put a hold on further advancement. The harsh conditions this past winter are expected to impact both the quantity and quality of hay in many locations, especially the first cutting of hay. Thinner stands and shorter height of hay are both contributing factors to expectations of decreased hay yields from last year. Tobacco transplant supplies were reported as 3 percent short, 91 percent adequate, and 6 percent surplus. Eighteen percent of tobacco transplants were under 2 inches, with 53 percent between 2-4 inches, and 29 percent over than 4 inches.

**SOIL MOISTURE for week ending 05/11/14**

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	-	4	74	22
Subsoil	-	4	78	18

- Represents zero.

**CROP PROGRESS for week ending 05/11/14**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn Planted	64	39	38	59
Corn Emerged	32	15	21	45
Soybeans Planted	8	2	2	13
Tobacco Set	9	3	3	8
Winter Wheat Headed	37	6	61	76

- Represents data not available.

**CROP CONDITIONS for week ending 05/11/14**

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Hay	2	7	28	53	10
Pasture	2	7	26	51	14
Wheat	2	7	24	50	17

- Represents zero.

**Kentucky Climate Summary**  
**For the Period May 5, 2014 to May 11, 2014**

Above Normal Temperatures and Near Normal Precipitation:

The Commonwealth got an early glimpse of summer this past period. The work week was dominated by dry conditions and temperatures in the low to mid 80s. The warm conditions helped push the Bluegrass State to a week where temperatures were on average 8 degrees above normal. This made it feel more like mid-June at times. Monday even saw the mercury jump into the upper 80s with the city of Louisville recording a temperature of 89 degrees at the airport. The good news was the moisture supply was limited and kept humid conditions out of the picture. It was not until Friday and into the weekend that the weather pattern became more active. Showers and storms fired on multiple occasions with the passage of a couple frontal boundaries and upper level disturbances. Some small hail was reported, with the state averaging just over an inch through the three day period.

Temperatures for the period averaged 70 degrees across the state which was 8 degrees warmer than normal and 10 degrees warmer than the previous period. High temperatures averaged from 82 in the west to 82 in the East. Departure from normal high temperatures ranged from 7 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. Low temperatures averaged from 62 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 10 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 89 degrees at LOUISVILLE APT and the extreme low was 43 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.07 inches statewide which was 0.02 inches below normal and 98% of normal. Precipitation totals by climate division, West 0.97 inches, Central 1.70 inches, Bluegrass 0.88 inches and East 0.73 inches, which was -0.19, 0.55, -0.13 and -0.32 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at ALBANY 1N to a high of 4.90 inches at FORT KNOX.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 05/11/14 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High		Wkly. Avg.		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	1.79	18.45	2.51	65	60	85	51	70	6
Berea	0.78	19.49	3.47	65	60	84	48	68	5
Bowling Green	1.28	18.76	-0.36	70	65	86	53	72	8
Bristol	0.22	10.15	-4.90	70	65	88	48	68	5
Buckhorn Lake	1.31	17.10	0.42	70	65	86	52	70	7
Cape Girardeau	1.76	15.09	-2.43	70	65	85	55	73	7
Campbellsville	1.25	19.92	0.81	70	65	84	51	69	5
Covington	0.33	14.81	0.02	65	60	84	48	67	4
Cumberland Gap	1.58	19.19	0.02	70	65	87	49	68	5
Dix Dam	0.98	17.14	0.52	70	65	83	50	69	6
Evansville	1.09	18.31	2.11	65	60	87	55	73	7
Glasgow	1.38	20.04	0.58	70	65	84	55	71	7
Grayson	0.67	18.34	4.04	65	60	85	49	67	4
Hardinsburg	2.55	20.84	2.83	65	60	86	55	71	7
Henderson	0.24	18.91	2.16	65	60	85	55	72	6
Huntington	1.45	18.19	3.97	65	60	86	47	65	2
Jackson	0.41	18.93	2.01	65	60	86	52	71	8
Lexington	0.96	16.88	0.94	65	60	85	52	70	7
London	0.75	17.51	0.58	65	60	88	52	70	7
Louisville	1.55	16.99	0.30	65	60	89	54	73	9
Mayfield	1.21	22.01	1.40	75	63	84	61	73	7
Nashville	0.11	19.90	1.54	70	65	88	57	73	9
Nolin Lake	1.31	20.68	2.19	70	65	86	56	73	9
Paducah	0.23	17.23	-1.62	70	65	88	63	76	10
Princeton	0.20	19.58	-0.15	70	65	85	60	72	6
Quicksand	0.76	18.74	1.82	65	60	86	46	67	4
Somerset	1.12	22.57	4.33	70	65	83	49	68	5
Spindletop	0.80	17.40	1.46	65	60	84	48	69	6
Williamstown	0.93	17.84	2.12	65	60	83	49	68	5

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