



**NATIONAL
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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

DAVID KNOPF, Director

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5-05

Agricultural News: The Commonwealth experienced cool, wet weather conditions this past week. Precipitation for the week totaled 2.62 inches, 1.55 inches above normal. Temperatures averaged 60 degrees for the week, 2 degrees cooler than the previous period. **Topsoil moisture** was rated 2 percent short, 64 percent adequate and 34 percent surplus. **Subsoil moisture** was rated 1 percent very short, 3 percent short, 71 percent adequate and 25 percent surplus. Days suitable for fieldwork averaged 2.5 out of a possible seven. Primary activities this week included the cutting of some hay and the spraying and cutting of wheat for forage. Weather conditions hampered planting progress this week.

Grains and Oilseed: As of Sunday, May 4, 39 percent of the **corn** crop had been planted, compared with 32 percent last year and the five year average of 52. Fifteen percent of the corn crop has emerged, compared with 11 percent last year and the five year average of 34 percent. **Soybean** planting is in the beginning stages with 2 percent planted, compared to 1 percent last year and the five year average of 8 percent. Six percent of **winter wheat** has headed compared to 22 percent last year and the five year average of 47 percent. Winter wheat is in mostly good to fair condition with 2 percent very poor, 8 percent poor, 25 percent fair, 50 percent good and 15 percent excellent. Average height of wheat was 16 inches.

Tobacco: Seeded tobacco transplants were reported in mostly good to excellent condition with 1 percent very poor, 2 percent poor, 11 percent fair, 64 percent good, and 22 percent excellent.

Pasture and Hay: Pasture condition was rated as 3 percent very poor, 8 percent poor, 27 percent fair, 49 percent good, and 13 percent excellent. Average height of alfalfa was 15 inches at the end of the week. The projected average date for the first cutting of alfalfa is May 14th.

CROP PROGRESS for week ending 05/04/14

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	39	32	31	52
Corn Emerged	15	7	11	34
Soybeans Planted	2	1	1	8
Tobacco Transplant set	3	NA	1	2
Wheat Headed	6	1	22	47

SOIL MOISTURE for week ending 05/04/14

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	2	64	34
Subsoil	1	3	71	25

CROP CONDITIONS for week ending 05/04/14

Commodity	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	2	8	25	50	15
Pasture	3	8	27	49	13
Tobacco Transplants	1	2	11	64	22

KENTUCKY WEATHER SUMMARY, APRIL 28 – May 4, 2014:

Near Normal Temperatures and Much Above Normal Precipitation:

Rain, rain, and more rain. An extremely wet pattern took control of the Commonwealth this past period and resulted in the wettest week of 2014. Looking farther back, this could even be seen as an understatement. The 2.62 inches that the state averaged was the most in nearly two and a half years, going all the way back to early December of 2011. Most of the rain fell over the mid-section of the work week as an upper level low slowly meandered to the northeast. Multiple upper level disturbances sparked numerous rounds of rainfall with some strong to severe activity mixed within. A weak tornado touched down in Fulton County, in addition to multiple reports of funnels clouds in south central Kentucky. After a very unsettled work week, the Commonwealth finally got a chance to dry out over the weekend with milder temperatures in place. Behind mostly sunny skies, highs got into the upper 70s to mid-80s for most of the area on Sunday. One exception was in Western Kentucky where Paducah recorded a high of 88.

Temperatures for the period averaged 60 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 70 in the West to 71 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 49 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 1 degree cooler than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at PADUCAH ASOS and the extreme low was 37 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 2.62 inches statewide which was 1.55 inches above normal and 244% of normal. Precipitation totals by climate division, West 2.71 inches, Central 2.83 inches, Bluegrass 2.62 inches and East 2.30 inches, which was 1.5, 1.73, 1.63 and 1.3 inches above normal. By station, precipitation totals ranged from a low of 0.84 inches at PIKEVILLE 13S to a high of 6.00 inches at HICKMAN 2E.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, May 4, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.
	Last Week	Since Jan 1	From Normal Since Jan 1	S o i l		A i r		Wkly. Avg.	Deviation From Normal
	(I n c h e s)			(D e g r e e s F a h r e n h e i t)					
Bardstown	2.80	16.66	+1.73	60	55	83	41	60	-2
Berea	3.44	18.71	+3.78	60	55	79	39	59	-2
Bowling Green	2.59	17.48	-0.53	65	60	85	42	61	-1
Bristol	0.30	9.93	-4.24	65	60	83	38	63	+2
Buckhorn Lake	1.28	15.79	+0.04	65	60	80	45	61	0
Cape Girardeau	3.52	13.33	-3.02	60	55	85	39	59	-5
Campbellsville	3.29	18.67	+0.73	65	60	83	38	59	-3
Covington	1.62	14.48	+0.66	60	55	76	42	59	-2
Cumberland Gap	1.58	17.61	-0.47	65	60	83	38	61	0
Dix Dam	2.77	16.16	+0.61	60	55	79	42	59	-2
Evansville	2.16	17.22	+2.10	60	55	83	40	58	-6
Glasgow	3.43	18.66	+0.35	65	60	83	41	60	-2
Grayson	4.28	17.67	+4.33	60	55	80	39	59	-2
Hardinsburg	1.62	18.29	+1.38	60	55	84	40	58	-4
Henderson	2.70	18.67	+2.94	60	55	84	44	59	-5
Huntington	4.31	16.74	+3.48	65	60	79	43	59	-2
Jackson	2.03	18.52	+2.61	60	55	81	43	61	0
Lexington	3.26	15.92	+0.99	60	55	79	43	60	-1
London	2.59	16.76	+0.79	60	55	83	40	61	0
Louisville	2.21	15.44	-0.21	60	55	83	45	62	0
Mayfield	4.03	20.80	+1.32	65	60	85	42	59	-5
Nashville	3.54	19.79	+2.53	65	60	88	41	61	-1
Nolin Lake	2.91	19.37	+2.11	65	60	84	41	62	0
Paducah	3.44	17.00	-0.74	60	55	88	42	61	-3
Princeton	2.73	19.38	+0.77	60	55	85	40	59	-5
Quicksand	1.81	17.98	+2.07	60	55	82	40	60	-1
Somerset	4.28	21.45	+4.36	65	60	82	37	59	-2
Spindletop	5.10	18.46	+3.53	60	55	78	43	60	-1
Williamstown	2.13	16.91	+2.18	60	55	75	43	59	-2

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/>