



**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

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6-13

Agricultural News: Derby week began with promising weather conditions that gave way to falling temperatures and heavy precipitation as the weekend approached. Rainfall amount matched last week's total of 1.77 inches, 0.69 inches above normal. The heaviest precipitation occurred in the central portion of the state. Temperature for the week averaged 62 degrees, 2 degrees higher than normal. Weather was very warm initially with highs in the upper 70s and 80s, however the weekend was much cooler bringing the weekly average down. **Topsoil moisture** was rated 1 percent short, 55 percent adequate, and 44 percent surplus. **Subsoil moisture** was rated 2 percent short, 68 percent adequate, and 30 percent surplus. Days suitable for fieldwork averaged 3.8 out of a possible seven. Farmers continue to wait for accommodating weather to make significant planting progress.

Crops: Corn planting continues to be impeded by wet conditions. Planting progress is at 32 percent, compared to 91 percent at this time last year and 57 percent for the five year average. Twelve percent of the corn crop has emerged, well behind last year at 73 percent and the five year average of 37 percent. **Soybean** planting is in the beginning stages with only 1 percent in the ground, trailing both the five year average of 9 percent and 31 percent for this juncture last year. The Commonwealth's farmers will attempt to make up for lost time as better weather permits. Condition of the **Winter wheat** crop was rated 1 percent very poor, 2 percent poor, 12 percent fair, 58 percent good and 27 percent excellent.

Tobacco: Producers indicate there are adequate plants for tobacco setting. Tobacco transplants continue to progress as 24 percent are under 2 inches, compared to 45 percent last week. Forty-three percent of transplants are in the 2-4 inch range, while 33 percent are above 4 inches.

PASTURE AND HAY: Pasture condition was reported as 1 percent very poor, 5 percent poor, 24 percent fair, 56 percent good, and 14 percent excellent. Pastures benefitted from warm temperatures early in the week and rain at week's end. The **hay** crop condition was reported as 4 percent poor, 23 percent fair, 56 percent good, and 17 percent excellent.

CROP PROGRESS for week ending 05/05/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	32	24	91	57
Corn Emerged	12	5	73	37
Soybeans Planted	1	0	31	9

SOIL MOISTURE for week ending 05/05/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	1	55	44
Subsoil	-	2	68	30

CROP CONDITIONS for week ending 05/05/13

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	1	2	12	58	27
Pasture	1	5	24	56	14
Hay	-	4	23	56	17

KENTUCKY WEATHER SUMMARY, APRIL 29 – MAY 5, 2013:

Above Normal Temperatures and Above Normal Rainfall

Soaking rains led the Commonwealth to its 4th straight week of above normal rainfall. Over these past 4 weeks, Kentucky has been over 2 inches above normal. Most of the rainfall this past period could be attributed to an upper level low over the weekend. This very slow moving system pulled large amounts of moisture from the Gulf of Mexico and the Atlantic Ocean as it progressed eastward. Throughout the weekend, the low provided over 1.5 inches of rainfall on average across the state with the most coming across central portions of the Commonwealth. While the period was wet, the start of the work week was dry as surface high pressure nosed into the Bluegrass State. Mostly clear skies were common with highs back into the upper 70s to low 80s. It was not until Saturday and on into Sunday that cloud cover kept temperatures below normal and thus, the Bluegrass State ended the week 2 degrees above normal.

Temperatures for the period averaged 62 degrees across the state which was 2 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 71 in the West to 72 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 51 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at LOUISVILLE APT and the extreme low was 38 degrees at HICKMAN 2E.

Precipitation (liq. equ.) for the period totaled 1.77 inches statewide which was 0.69 inches above normal and 164% of normal. Precipitation totals by climate division, West 1.69 inches, Central 2.17 inches, Bluegrass 1.80 inches and East 1.40 inches, which was 0.48, 1.06, 0.81 and 0.39 inches above normal. By station, precipitation totals ranged from a low of 0.42 inches at LOUISA 1S to a high of 2.86 inches at POPLAR BLUFF ASOS.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 5, 2013, 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.	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)						
				4 In.	High	Low	High	Low	Avg.	
Bardstown	1.83	16.78	+1.71	71	57	82	47	62	0	
Berea	1.62	18.32	+3.23	71	57	80	42	61	0	
Bowling Green	2.15	21.89	+3.72	71	57	84	47	64	+2	
Bristol	0.14	20.42	+6.12	71	57	80	47	60	-1	
Buckhorn Lake	0.87	15.38	-0.50	73	57	78	46	61	0	
Cape Girardeau	1.87	16.20	-0.32	63	56	81	40	57	-7	
Campbellsville	2.60	19.27	+1.16	71	57	80	43	61	-1	
Covington	1.76	13.87	-0.09	71	57	83	50	64	+3	
Cumberland Gap	1.84	21.49	+3.25	71	57	80	47	61	0	
Dix Dam	1.53	17.40	+1.70	71	57	80	48	61	0	
Evansville	1.65	19.15	+3.87	73	57	82	46	63	-1	
Glasgow	2.02	21.27	+2.79	63	56	80	46	62	0	
Grayson	1.80	16.15	+2.67	71	57	81	43	62	+1	
Hardinsburg	2.37	20.79	+3.72	71	57	82	45	62	0	
Henderson	1.61	19.67	+3.80	71	57	83	44	62	-2	
Huntington	0.38	12.11	-1.29	71	57	82	46	63	+2	
Jackson	1.09	16.90	+0.85	73	57	80	45	62	+1	
Lexington	1.90	18.18	+3.11	63	56	83	49	63	+2	
London	2.13	20.54	+4.43	71	57	81	45	61	0	
Louisville	1.58	16.73	+0.93	73	57	85	50	64	+2	
Mayfield	1.47	24.70	+5.06	71	57	80	40	60	-4	
Nashville	1.35	22.20	+4.78	71	57	80	44	61	-1	
Nolin Lake	1.93	20.93	+3.50	73	57	83	47	64	+2	
Paducah	1.38	22.85	+4.95	63	56	82	41	59	-5	
Princeton	1.08	20.54	+1.77	71	57	81	43	61	-3	
Quicksand	1.04	16.44	+0.39	73	57	81	45	61	0	
Somerset	1.93	20.43	+3.17	71	56	80	43	60	-1	
Spindletop	1.94	18.15	+3.08	66	55	82	47	62	+1	
Williamstown	2.30	16.86	+1.99	69	56	82	47	62	+1	

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.gwx.ca.uky.edu/>