



**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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Agricultural News: The Commonwealth's farmers continue to battle persistent precipitation and saturated soil as they attempt to get their field crops in the ground. Rainfall for the week totaled 1.38 inches, 0.28 inches above normal for this point in the season. Precipitation amounts were distributed fairly evenly throughout the state. Temperature for the week averaged 61 degrees, 1 degree cooler than normal. **Topsoil moisture** was rated 47 percent adequate and 53 percent surplus. **Subsoil moisture** was rated 1 percent short, 58 percent adequate, and 41 percent surplus. Days suitable for fieldwork averaged 1.8 out of a possible seven. Intermittent rain has kept farmers out of their fields and unable to make much planting progress.

Crops: Farmers are steadily making **corn** planting progress as the weather conditions will allow. Planting is 39 percent complete, trailing both last year at 95 percent and the five year average of 66 percent. The corn crop is 23 percent emerged compared to 81 percent last year and the five year average of 50 percent. **Soybean** planting continues to move slowly with 2 percent in the ground. Planting progress trails last year at 45 percent and the five year average of 15 percent. Condition of the **Winter wheat** crop was rated 2 percent very poor, 3 percent poor, 11 percent fair, 59 percent good, and 25 percent excellent. Sixty-seven percent of Winter wheat has headed at this juncture.

Tobacco: Like other field crops, tobacco planting is behind schedule due to a wet Spring. Three percent of Burley tobacco has been set compared to 22 percent last year and 10 percent for the five year average. Dark tobacco is 3 percent set, behind last year at 19 percent and the five year average of 10 percent.

Pasture And Other Crops: Pasture condition was reported as 1 percent very poor, 3 percent poor, 24 percent fair, 56 percent good, and 16 percent excellent. Pastures have benefitted from the continuous moisture. The **hay** crop condition was reported as 1 percent very poor, 3 percent poor, 23 percent fair, 55 percent good, and 18 percent excellent. The size of Kentucky's **strawberries** are reported as 50 percent small, 38 percent medium, and 12 percent large at this point in the season.

CROP PROGRESS for week ending 05/12/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	39	32	95	66
Corn Emerged	23	12	81	50
Soybeans Planted	2	1	45	15
Wheat Headed	67	N/A	N/A	N/A
Burley Tobacco Set	3	0	22	10
Dark Tobacco Set	3	N/A	19	10

SOIL MOISTURE for week ending 05/12/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	-	47	53
Subsoil	-	1	58	41

CROP CONDITIONS for week ending 05/13/12

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	2	3	11	59	25
Pasture	1	3	24	56	16
Hay Crops	1	3	23	55	18

KENTUCKY WEATHER SUMMARY, MAY 6 - 12, 2013:

Below Normal Temperatures and Above Normal Rainfall

Wet and unsettled weather continued this past week across the Commonwealth. Kentucky was above normal in rainfall for the 5th straight week, as on average, 1.38 inches fell across the state. The last time that the Bluegrass State has seen a wet period to this extent was back at about this same time in 2011. Throughout the week, there was isolated to scattered rainfall on nearly a daily basis. The first half of the work week was dominated by cloud cover and rainfall rotating around a pesky upper level low traveling up the mid-Atlantic Seaboard. This was then followed by cold front pushing through the area over the course of Friday. This system brought the most widespread coverage for the week with over an inch falling across much of central Kentucky and into the Bluegrass. The cold front eventually swept through the area later Friday night, but was then followed by a weaker, reinforcing cold front Saturday evening. Scattered showers were once again evident, but the bigger headline was cooler temperatures. After hovering in the 70s and at times, 80s throughout the week, Canadian high pressure bumped highs back into the upper 50s to low 60s for Sunday.

Temperatures for the period averaged 61 degrees across the state which was 1 degree cooler than normal and no change to the previous period. High temperatures averaged from 72 in the West to 68 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 53 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 0 degrees from normal in the West to 4 degrees warmer than normal in the East. The extreme high temperature for the period was 83 degrees at BOWLING GREEN APT and the extreme low was 35 degrees at Cynthiana 8N.

Precipitation (liq. equ.) for the period totaled 1.38 inches statewide which was 0.28 inches above normal and 126% of normal. Precipitation totals by climate division, West 0.89 inches, Central 1.61 inches, Bluegrass 1.63 inches and East 1.37 inches, which was -0.27, 0.45, 0.61 and 0.32 inches respectively from normal. By station, precipitation totals ranged from a low of 0.14 inches at CAPE GIRARDEAU ASOS to a high of 2.75 inches at HARTFORD 3E.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 12, 7:00 P.M.

Weather Station	Precipitation		Deviation	Temperatures					Air Temp.
	Last Week	Since Jan 1	From Normal Since Jan 1	Soil		Air		Wkly. Avg.	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	1.50	18.28	+2.20	69	60	79	41	60	-4
Berea	0.92	19.24	+3.07	69	60	79	39	59	-4
Bowling Green	1.40	23.29	+4.01	69	60	83	44	63	-1
Bristol	1.07	21.49	+6.31	69	60	77	41	59	-4
Buckhorn Lake	1.07	16.45	-0.36	72	59	75	43	59	-4
Cape Girardeau	0.14	16.34	-1.35	64	58	80	41	64	-3
Campbellsville	1.34	20.61	+1.33	69	60	78	41	60	-4
Covington	2.38	16.25	+1.32	69	60	81	37	60	-3
Cumberland Gap	1.50	22.99	+3.67	69	60	79	44	60	-3
Dix Dam	2.09	19.49	+2.72	69	60	78	40	60	-3
Evansville	0.84	19.99	+3.64	72	59	81	39	62	-5
Glasgow	1.77	23.04	+3.42	64	58	79	40	60	-4
Grayson	1.29	17.44	+3.00	69	60	78	37	59	-4
Hardinsburg	2.75	23.54	+5.37	69	60	79	38	60	-4
Henderson	0.74	20.41	+3.51	69	60	79	44	63	-4
Huntington	0.65	12.76	-1.60	69	60	77	44	61	-2
Jackson	2.12	19.02	+1.96	72	59	78	42	60	-3
Lexington	2.11	20.29	+4.21	64	58	80	40	61	-2
London	1.09	21.63	+4.56	69	60	80	42	59	-4
Louisville	1.35	18.08	+1.24	72	59	82	42	64	0
Mayfield	0.84	25.54	+4.77	69	60	79	40	62	-5
Nashville	0.68	22.88	+4.36	69	60	82	43	62	-2
Nolin Lake	2.09	23.02	+4.35	72	59	82	39	62	-2
Paducah	0.79	23.64	+4.63	64	58	81	40	63	-4
Princeton	1.01	21.55	+1.66	69	60	79	38	62	-5
Quicksand	2.01	18.45	+1.39	72	59	78	40	60	-3
Somerset	1.84	22.27	+3.87	69	60	78	38	59	-4
Spindletop	1.42	19.57	+3.49	68	56	79	39	60	-3
Williamstown	1.77	18.63	+2.76	64	58	79	39	60	-3