



**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 farmers finally were granted some warm, dry weather in the first half of the week to aid in planting progress. Precipitation for the week totaled 0.44 inches, 0.7 inches below normal for this point in the season. Precipitation amounts were slightly higher in the central portion of the state. Temperature for the week averaged 67 degrees, 2 degrees higher than normal. **Topsoil moisture** was rated 2 percent short, 66 percent adequate and 32 percent surplus. **Subsoil moisture** was rated 1 percent very short, 2 percent short, 71 percent adequate, and 26 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven. This week presented much more accommodating conditions for field activities.

**Crops:** Farmers were finally able to make some decent headway getting their **corn** crop in the ground. Planting is 56 percent complete, trailing both last year at 98 percent and the five year average of 75 percent. The corn crop is 35 percent emerged compared to 88 percent last year and the five year average of 60 percent. **Soybean** planting reached 6 percent complete. Planting progress trails last year at 57 percent and the five year average of 24 percent. Condition of the **Winter wheat** crop was rated 1 percent very poor, 3 percent poor, 13 percent fair, 58 percent good, and 25 percent excellent. Eighty-two percent of the state's Winter wheat crop is in the headed stage.

**Tobacco:** The Commonwealth's tobacco crop is behind schedule due to a very moist Spring. Twelve percent of Burley tobacco has been set compared to 35 percent last year and 20 percent for the five year average. Dark tobacco is 15 percent set, behind last

year at 36 percent and the five year average of 22 percent.

**PASTURE AND OTHER CROPS:** Pasture condition was reported as 1 percent very poor, 4 percent poor, 26 percent fair, 53 percent good, and 16 percent excellent. Pasture growth has flourished with the wet conditions this Spring. The **hay** crop condition was reported as 1 percent very poor, 4 percent poor, 24 percent fair, 53 percent good, and 18 percent excellent.

**CROP PROGRESS for week ending 05/19/13**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	56	39	98	75
Corn Emerged	35	23	88	60
Soybeans Planted	6	2	57	24
Soybeans Emerged	-	N/A	36	12
Wheat Headed	82	67	86	81
Burley Tobacco Set	12	3	35	20
Dark Tobacco Set	15	3	36	22

**SOIL MOISTURE for week ending 05/19/13**

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	2	66	32
Subsoil	1	2	71	26

**CROP CONDITIONS for week ending 05/19/13**

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	1	3	13	58	25
Pasture	1	4	26	53	16
Hay Crops	1	4	24	53	18

# KENTUCKY WEATHER SUMMARY, MAY 13 - 19, 2013:

Above Normal Temperatures and Below Normal Rainfall

Conditions dried out this past period with less than a half inch on average falling across the state. This was the first time since the start of April that the Commonwealth saw a week of below normal rainfall. The period started off with high pressure centered over the southeastern portion of the United States. This put Kentucky in line to see breezy southwesterly flow and a gradual warming in temperatures through the first half of the work week. Highs rose into the low to mid 80s for Tuesday and Wednesday. Some areas even saw the upper 80s, such as Louisville with high of 88 on Wednesday. Unsettled weather did not make a return until mid-work week when a frontal boundary slowly pushed south on Thursday. This was then followed by an upper level low spinning across the region through the weekend. Scattered showers and thunderstorms were common each afternoon as the state was placed in an unstable and moist air mass.

Temperatures for the period averaged 67 degrees across the state which was 2 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 80 in the West to 77 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 59 degrees in the West to 55 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at MORGANFIELD 4E and the extreme low was 31 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.44 inches statewide which was 0.7 inches below normal and 39% of normal. Precipitation totals by climate division, West 0.24 inches, Central 0.43 inches, Bluegrass 0.64 inches and East 0.44 inches, which was 0.93, 0.76, 0.44 and 0.66 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 1.94 inches at CARLISLE 5SW.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 19, 7:00 P.M.

Weather Station	Precipitation		Deviation	T e m p e r a t u r e s					Air Temp.
	Since Last Week	Jan 1	From Normal Since Jan 1	S o i l		A i r			Deviation
				4 In. High	Grass Low	High	Low	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)					
Bardstown	0.04	18.32	+1.23	70	60	83	36	66	-1
Berea	0.59	19.83	+2.57	70	60	85	34	65	0
Bowling Green	0.48	23.77	+3.37	70	60	87	40	70	+3
Bristol	0.99	22.48	+6.42	70	60	83	35	63	-2
Buckhorn Lake	0.03	16.48	-1.26	74	58	84	36	66	+1
Cape Girardeau	0.00	16.34	-2.52	66	63	88	38	70	+1
Campbellsville	0.07	20.68	+0.23	74	60	83	34	65	-2
Covington	0.17	16.42	+0.53	70	60	86	34	67	+2
Cumberland Gap	0.46	23.45	+3.04	70	60	85	34	64	-1
Dix Dam	0.56	20.05	+2.20	70	60	83	37	66	+1
Evansville	0.04	20.03	+2.61	73	58	87	38	69	0
Glasgow	0.75	23.79	+3.03	74	63	83	37	67	0
Grayson	0.61	18.05	+2.65	74	60	85	34	65	0
Hardinsburg	0.15	23.69	+4.43	70	60	85	34	67	0
Henderson	0.06	20.47	+2.54	70	60	90	40	70	+1
Huntington	0.03	12.79	-2.53	70	60	88	37	67	+2
Jackson	0.65	19.67	+1.59	73	58	85	37	66	+1
Lexington	0.54	20.83	+3.74	69	63	85	38	67	+2
London	0.38	22.01	+3.98	74	60	85	34	65	0
Louisville	0.28	18.36	+0.48	73	58	88	42	70	+3
Mayfield	0.21	25.75	+3.85	70	60	86	40	69	0
Nashville	0.49	23.37	+3.75	74	60	89	39	70	+3
Nolin Lake	0.50	23.52	+3.61	74	58	86	36	68	+1
Paducah	0.04	23.68	+3.55	66	63	88	37	70	+1
Princeton	0.07	21.62	+0.61	70	60	87	37	69	0
Quicksand	0.24	18.69	+0.61	73	58	86	35	64	-1
Somerset	0.34	22.61	+3.06	69	55	83	32	65	0
Spindletop	0.81	20.38	+3.29	72	57	83	39	66	+1
Williamstown	0.68	19.31	+2.45	69	63	85	36	66	+1