



**NATIONAL
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SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

DAVE KNOPF, Director

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Agricultural News: Weather for the past week consisted mostly of mild and dry conditions with increasing humidity. A cold front moved in on Friday, however, which brought on large amounts of rainfall in the west and central sections of the state. Precipitation for the week totaled 1.25 inches, 0.13 inches above normal for this point in the season. Temperature for the week averaged 74 degrees, 5 degrees warmer than normal. **Topsoil moisture** was rated 10 percent short, 70 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 75 percent adequate, and 19 percent surplus. Days suitable for fieldwork averaged 5.5 out of a possible seven.

Crops: As of Sunday, June 2, **corn** planting was 91 percent complete, trailing both last year at 100 percent and the five year average of 94 percent. The corn crop was 70 percent emerged compared to 99 percent last year and the five year average of 85 percent. Condition of the corn crop was rated as 1 percent very poor, 3 percent poor, 23 percent fair, 56 percent good, and 17 percent excellent. The overall average height of corn is 8 inches, while the average height of the most advanced corn is 16 inches. **Soybean** planting reached 30 percent complete. Planting progress trails last year at 79 percent and the five year average of 51 percent. The soybean crop is 13 percent emerged compared to 66 percent last year and the five year average of 34 percent. Condition of the **Winter wheat** crop was rated 1 percent very poor, 3 percent poor, 16 percent fair, 54 percent good, and 26 percent excellent. Lodging of winter wheat was reported throughout the state due to damage from heavy winds and rainfall.

Tobacco: At this point of the season, setting of burley and dark tobacco is behind normal. Forty-five percent of Burley tobacco has been set compared to 71 percent last year and 57 percent for the five year average. Dark tobacco is 50 percent set, behind last year at 64 percent and the five year average of 54 percent.

PASTURE: Pasture condition was reported as 1 percent very poor, 3 percent poor, 23 percent fair, 54 percent good, and 19 percent excellent.

CROP PROGRESS for week ending 06/02/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	91	74	100	94
Corn Emerged	70	49	99	85
Soybeans Planted	30	14	79	51
Soybeans Emerged	13	3	66	34
Burley Tobacco Set	45	25	71	57
Dark Tobacco Set	50	28	64	54

SOIL MOISTURE for week ending 06/02/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	10	70	20
Subsoil	1	5	75	19

CROP CONDITIONS for week ending 06/02/13

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	3	23	56	17
Wheat	1	3	16	54	26
Pasture	1	3	23	54	19

KENTUCKY WEATHER SUMMARY, MAY 28 – JUNE 3, 2012:

Above Normal Temperatures and Above Normal Rainfall:

Mild and dry conditions with increasing humidity were the rule for most of the work week as a frontal system stalled over northern sections of the Ohio Valley. But as the slowly meandering cold front approached Kentucky on Friday, copious rainfall amounts fall in west and central sections of the state. Bluegrass and eastern locations received much less rainfall than west and central. Extensive flooding occurred in western sections of the state with Paducah reporting over 6 inches.

Temperatures for the period averaged 74 degrees across the state which was 5 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 84 in the East. Departure from normal high temperatures ranged from near normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at LOUISA and the extreme low was 37 degrees at FORT CAMPBELL.

Rainfall for the period totaled 1.25 inches statewide which was 0.13 inches above normal and 112% of normal. Precipitation totals by climate division, West 3.22 inches, Central 0.68 inches, Bluegrass 0.63 inches and East 0.48 inches, which was 2.12, -0.48, -0.46 and -0.65 inches respectively from normal. By station, precipitation totals ranged from a low of 0.06 inches at MOREHEAD to a high of 6.40 inches at PADUCAH.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 3, 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	S o i l		A i r			Deviation From Normal
			Since Jan 1	4 In. Grass High	Low	High	Low	Wkly. Avg.	
	(I n c h e s)			(D e g r e e s F a h r e n h e i t)					
Bardstown	0.29	19.17	+0.11	79	67	92	57	74	+4
Berea	0.14	20.15	+0.77	79	67	88	52	74	+5
Bowling Green	1.42	25.52	+2.93	79	67	89	56	76	+6
Bristol	0.54	24.87	+7.06	79	67	88	49	71	+2
Buckhorn Lake	0.56	18.49	-1.12	79	67	87	52	73	+4
Cape Girardeau	4.49	21.04	-0.06	74	69	89	62	74	+2
Campbellsville	1.26	22.78	+0.04	74	73	84	54	73	+3
Covington	0.64	17.36	-0.45	79	67	87	55	74	+5
Cumberland Gap	0.65	24.71	+2.16	79	67	86	50	71	+2
Dix Dam	0.45	21.14	+1.22	79	67	86	56	74	+5
Evansville	2.23	23.77	+4.28	79	67	87	60	74	+2
Glasgow	0.50	25.72	+2.69	74	73	85	59	74	+4
Grayson	0.06	18.30	+0.99	79	67	87	57	73	+4
Hardinsburg	1.78	25.97	+4.57	74	69	87	55	73	+3
Henderson	2.23	23.83	+3.89	79	67	87	61	74	+2
Huntington	0.35	13.63	-3.59	79	67	91	48	75	+6
Jackson	0.31	20.50	+0.44	79	67	87	54	74	+5
Lexington	0.72	22.09	+3.03	79	67	88	60	76	+7
London	0.57	23.63	+3.71	79	67	85	52	72	+3
Louisville	0.39	19.25	-0.65	74	69	89	61	76	+6
Mayfield	4.55	32.21	+8.15	79	67	85	58	73	+1
Nashville	0.54	24.23	+2.48	79	67	89	57	76	+6
Nolin Lake	0.64	24.42	+2.13	79	67	89	58	75	+5
Paducah	6.40	31.38	+9.07	73	69	87	61	75	+3
Princeton	3.67	26.29	+3.10	79	67	85	59	74	+2
Quicksand	0.39	19.89	-0.17	79	67	88	49	71	+2
Somerset	0.14	23.47	+1.68	77	60	85	52	73	+4
Spindletop	0.65	21.51	+2.45	75	64	85	56	73	+4
Williamstown	0.56	20.18	+1.36	79	67	85	55	73	+4

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/>