



**NATIONAL
AGRICULTURAL
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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

David Knopf, Director

Released weekly April - November

Issued 4:00 P.M., April 14, 2014

2-14

Agricultural News: The Commonwealth experienced drier conditions over the past week. Precipitation for the week totaled 0.45 inches, 0.57 inches below normal. Temperatures averaged 60 degrees for the week, 6 degrees warmer than normal. **Topsoil moisture** was rated 1 percent short, 59 percent adequate and 40 percent surplus. **Subsoil moisture** was rated 3 percent short, 70 percent adequate and 27 percent surplus. Days suitable for fieldwork averaged 3.3 out of a possible seven. Soils remain too wet for most fieldwork. Primary activities this week included preparing farm equipment for planting, seeding pastures, applying fertilizer, and seeding tobacco transplants. Twenty-seven percent of apples and 37 percent of peaches were in full bloom. Some producers reported significant winter damage to peaches.

Crops: As of Sunday, April 13, 4 percent of the **corn** crop had been planted, behind last year's 6 percent and the five year average of 17. Farmers expect to plant corn as soon as field conditions permit, and planting could make considerable progress this week. **Winter wheat** is in mostly good to fair condition with 3 percent very poor, 8 percent poor, 29 percent fair, 47 percent good, and 13 percent excellent.

Tobacco: As of Sunday, April 13, 76 percent of the tobacco transplants had been seeded compared with 84 percent last year and the five year average of 84.

Pasture and Hay: Pasture condition was reported as 4 percent very poor, 13 percent poor, 32 percent fair, 45 percent good, and 6 percent excellent. Many operators were still feeding hay and are hoping for rapid forage growth this week as hay supplies are running low in some areas.

CROP PROGRESS for week ending 04/13/14

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	76	65	84	84
Corn Planted	4	N/A	6	17
Apples Blooming	27	N/A	N/A	N/A
Peaches Blooming	37	N/A	N/A	N/A

SOIL MOISTURE for week ending 04/13/14

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	1	59	40
Subsoil	-	3	70	27

CROP CONDITIONS for week ending 04/13/14

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	3	8	29	47	13
Pasture	4	13	32	45	6

KENTUCKY WEATHER SUMMARY, APRIL 7 - 13, 2014:

Above Normal Temperatures and Below Normal Precipitation:

The Commonwealth got the chance to dry out this past period as the state saw an average of just under a half inch of rainfall over the course of the week. This activity was spread out over three systems with the brunt coming Monday as surface low pressure pushed through the area. Much more focus was given to the return of warm temperatures. Surface high pressure transitioned to the southeast on Thursday with temperatures rising back into the 70s. After a weak front passed through the state on Friday, skies became mostly sunny for the weekend with some of the warmest temperatures of the year in place. Highs rose well into the 80s on Sunday behind a breezy southwesterly flow pattern. Some locations even got into the upper 80s. This had a great impact on soil temperatures across the Commonwealth with most locations reporting the upper 50s to mid-60s at a 4 inch depth by the end of the day.

Temperatures for the period averaged 60 degrees across the state which was 6 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 70 in the West to 72 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. Low temperatures averaged from 49 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at LOUISA 1S and the extreme low was 27 degrees at Fort Campbell.

Precipitation (liq. equ.) for the period totaled 0.45 inches statewide which was 0.57 inches below normal and 44% of normal. Precipitation totals by climate division, West 0.60 inches, Central 0.45 inches, Bluegrass 0.51 inches and East 0.22 inches, which was 0.56, 0.59, 0.41 and 0.72 inches below normal. By station, precipitation totals ranged from a low of 0.08 inches at BIG SANDY to a high of 1.71 inches at BENTON 4N.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 13, 7:00 P.M.

Weather Station	Precipitation		Deviation	Temperatures					Air Temp.
	Last Week	Since Jan 1	From Normal Since Jan 1	Soil		Air			Deviation From Normal
	(Inches)	(Inches)	(Degrees Fahrenheit)	4 In. High	Grass Low	High	Low	Wkly. Avg.	
Bardstown	0.27	12.29	+0.14	65	53	80	40	60	+5
Berea	0.28	14.06	+2.16	65	53	83	35	60	+7
Bowling Green	0.22	13.27	-1.65	65	53	81	40	61	+6
Bristol	0.74	8.77	-3.03	65	53	85	33	57	+4
Buckhorn Lake	0.22	13.65	+0.55	65	53	84	42	62	+9
Cape Girardeau	0.70	7.98	-5.19	56	52	76	38	59	+2
Campbellsville	0.14	14.06	-0.52	65	53	82	35	60	+5
Covington	1.04	12.01	+0.87	65	53	81	40	59	+6
Cumberland Gap	0.43	14.16	-0.99	65	53	82	33	59	+6
Dix Dam	0.29	12.24	-0.31	65	53	81	40	60	+7
Evansville	1.17	14.23	+2.00	65	53	80	43	60	+3
Glasgow	0.37	13.28	-1.80	56	52	80	40	61	+6
Grayson	0.31	11.91	+1.18	65	53	84	32	59	+6
Hardinsburg	0.45	14.50	+0.66	65	53	82	41	61	+6
Henderson	0.73	13.19	+0.46	65	53	78	41	59	+2
Huntington	0.05	11.14	+0.47	65	53	85	40	61	+8
Jackson	0.17	15.25	+2.24	65	53	85	43	62	+9
Lexington	0.25	11.56	-0.59	56	52	83	41	61	+8
London	0.27	13.08	-0.12	65	53	84	36	60	+7
Louisville	0.96	12.18	-0.47	65	53	84	41	63	+8
Mayfield	0.69	14.99	-0.98	65	53	79	42	60	+3
Nashville	0.33	14.99	+0.84	65	53	82	40	62	+7
Nolin Lake	0.28	15.11	+1.13	65	53	81	40	61	+6
Paducah	0.75	11.72	-2.54	56	52	82	40	62	+5
Princeton	1.03	14.81	-0.44	65	53	79	37	60	+3
Quicksand	0.16	15.05	+2.04	65	53	85	33	59	+6
Somerset	0.23	16.04	+2.07	56	52	82	35	60	+7
Spindletop	0.25	12.12	-0.03	65	53	83	41	61	+8
Williamstown	0.56	13.68	+1.87	56	52	81	41	59	+6

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/>