



**NATIONAL  
AGRICULTURAL  
STATISTICS  
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 22, 2013

4-13

**AGRICULTURAL NEWS:** Heavy rainfall at mid week hampered field work. There were many farmers still waiting for soils to dry out before resuming corn planting and final field preparation. Temperatures averaged 60 degrees, 4 degrees warmer than normal and 2 degrees cooler than the previous week. Patchy frost reported in some areas of northern and eastern counties. Precipitation averaged 1.64 inches statewide, .66 inches above normal. **Topsoil moisture** was rated 2 percent short, 71 percent adequate and 27 percent surplus. **Subsoil moisture** was rated 1 percent very short, 4 percent short, 79 percent adequate and 16 percent surplus. Days suitable for fieldwork averaged 3.9 out of a possible seven.

**CROPS:** As of April 22, 15 percent of the **corn** had been planted which is well behind last year's 73 percent and the five year average of 32 percent. **Winter wheat** is reported in mostly good to excellent condition with 1 percent very poor, 2 percent poor, 12 percent fair, 60 percent good and 25 percent excellent. Three percent of the crop was heading at the end of the week. Last year 77 percent had headed and the five year average is 19.

**TOBACCO:** Seeded tobacco transplants were reported mostly good condition with 1 percent poor, 21 percent fair, 64 percent good, and 14 percent excellent. About 9 percent of transplants were over 4 inches in height as of April 22, with 33 percent at 2 to 4 inches and 58 percent under 2 inches high.

**PASTURE AND HAY:** Pastures in most areas showed good growth during the week which allowed cattle producers to reduce feeding of hay. Current pasture condition was reported as mostly good to fair with 2 percent very poor, 9 percent poor, 33 percent fair, 48 percent good, and 8 percent excellent. The projected first cutting of alfalfa is May 8<sup>th</sup>.

**OTHER CROPS:** Strawberry condition was rated as 1 percent very poor, 6 percent poor, 31 percent fair, 55 percent good, and 7 percent excellent. Pears, peaches, and apples are beginning to bloom.

**CROP PROGRESS for week ending 04/22/13**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
				Percent
Corn Planted	15	7	73	32
Wheat Headed	3	1	77	19

**SOIL MOISTURE for week ending 04/22/13**

	Very Short	Short	Adequate	Surplus
Topsoil	-	2	71	27
Subsoil	1	4	79	16

**CROP CONDITIONS for week ending 04/22/13**

Crop	Very Poor	Poor	Fair	Good	Ex
Wheat	1	2	12	60	25
Pasture	2	9	33	48	8
Tobacco Transplants	-	1	21	64	14
Strawberry	1	6	31	55	7

# KENTUCKY WEATHER SUMMARY, APRIL 15 - 21, 2013:

## Above Normal Temperatures and Rainfall

The Bluegrass State was established in a rather unsettled weather pattern for much of this past work week. A surface frontal boundary crept south on Tuesday bringing a round of thunderstorms across primarily the northern half of the state. Some even reached severe limits with damaging winds and large hail the primary threats. Later in the day Wednesday, a developing low pressure system then pushed this boundary north as a warm front. Thursday became the warmest day of the period behind breezy southerly flow. Highs rose into the low 80s across the Commonwealth with numerous wind gusts over 40 mph. As the day wore on, a strong cold front approached from the west and eventually pushed through western portions of the state Thursday evening and exiting Kentucky later in the day Friday. Through its passage, it slowly weakened across the state. Western portions saw the most rainfall with areas averaging more than 1.5 inches, before tapering to less than an inch farther east. Noticeably cooler air filtered into the Ohio Valley following its passage. Highs in the 50s were common on Saturday with patchy frost across the state that morning as winds became calm, skies cleared, and lows got into the low to mid 30s.

Temperatures for the period averaged 60 degrees across the state which was 4 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 71 in the West to 73 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 4 degrees warmer than normal in the East. Low temperatures averaged from 51 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at CADIZ 4SW and the extreme low was 29 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.64 inches statewide which was 0.66 inches above normal and 166% of normal. Precipitation totals by climate division, West 1.73 inches, Central 1.19 inches, Bluegrass 1.66 inches and East 1.96 inches, which was 0.6, 0.2, 0.76 and 1.04 inches above normal. By station, precipitation totals ranged from a low of 0.78 inches at MONTICELLO AWOS to a high of 3.86 inches at BOONEVILLE 2S.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 21, 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		Wkly. Avg.	Deviation 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	0.12	13.24	+0.05	69	49	81	36	61	+4
Berea	3.31	15.44	+2.41	69	49	83	32	60	+4
Bowling Green	1.06	16.33	+0.26	69	49	87	37	64	+7
Bristol	1.02	19.23	+6.55	69	49	81	33	59	+3
Buckhorn Lake	1.80	13.57	-0.53	69	54	83	36	60	+4
Cape Girardeau	3.58	13.58	-0.77	62	54	84	33	61	+1
Campbellsville	0.91	14.16	-1.69	69	49	83	30	61	+4
Covington	0.96	11.29	-0.85	69	49	81	35	59	+3
Cumberland Gap	1.57	17.85	+1.61	69	49	84	31	61	+5
Dix Dam	2.04	14.01	+0.34	69	49	81	34	60	+4
Evansville	1.95	17.07	+3.77	69	54	85	33	61	+1
Glasgow	1.00	15.62	-0.67	62	54	82	33	62	+5
Grayson	1.65	13.86	+2.16	69	49	83	37	60	+4
Hardinsburg	1.60	16.45	+1.46	69	49	87	30	61	+4
Henderson	1.66	17.68	+3.82	69	49	83	36	60	0
Huntington	1.79	11.39	-0.24	69	49	87	36	62	+6
Jackson	1.72	14.69	+0.59	69	54	85	34	61	+5
Lexington	1.89	14.49	+1.30	62	54	82	34	60	+4
London	2.91	16.59	+2.35	69	49	83	32	60	+4
Louisville	1.65	14.24	+0.46	69	54	84	37	62	+5
Mayfield	1.58	20.03	+2.71	69	49	84	33	62	+2
Nashville	1.03	16.60	+1.28	69	49	88	35	64	+7
Nolin Lake	1.17	16.25	+1.06	69	54	86	33	63	+6
Paducah	2.33	20.01	+4.41	62	54	83	32	61	+1
Princeton	1.71	17.84	+1.31	69	49	85	31	62	+2
Quicksand	1.59	14.32	+0.22	69	54	85	32	60	+4
Somerset	1.06	16.06	+0.93	69	49	82	31	60	+4
Spindletop	1.54	17.04	+3.85	62	51	80	33	59	+3
Williamstown	1.79	13.38	+0.47	62	54	81	34	59	+3