



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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 experienced rainy conditions last week. Precipitation for the week totaled 0.47 inches, 0.24 in below normal. Temperature for the week averaged 56 degrees, 2 degrees cooler than normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 78 percent adequate and 10 percent surplus. **Subsoil moisture** was rated 1 percent very short, 16 percent short, 76 percent adequate, and 7 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven. Primary activities this week included harvesting tobacco, harvesting corn, and harvesting soybeans.

Crops: As of Sunday, October 20, 97 percent of **corn** reached the mature stage, compared with 100 percent last year and the five-year average of 99 percent. Sixty-five percent of corn has been harvested, compared to 94 percent last year and the five-year average of 84 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 5 percent fair, 38 percent good, and 54 percent excellent. Eighty percent of **soybeans** were reported to be shedding leaves, compared to 93 percent last year and the five-year average of 97 percent. Sixty-one percent of soybeans were considered mature, compared to 81 percent last year and the five-year average of 84 percent. Twenty-five percent of the soybean crop has been harvested, compared to 52 percent for last year and the five-year average. Condition of the soybean crop was rated 1 percent very poor, 3 percent poor, 9 percent fair, 50 percent good, and 37 percent excellent.

Tobacco: Ninety-seven percent of burley tobacco has been cut, compared to 100 percent for last year and the five-year average. Thirteen percent of burley tobacco has been stripped, compared to 15 percent last year and 13 percent for the five-year average. Ninety-one percent of dark tobacco was cut, compared to 99 percent last year and the five-year average of 100 percent. Condition of housed tobacco was rated at 1 percent very poor, 4 percent poor, 20 percent fair, 58 percent good, and 17 percent excellent.

Other Crops and Pasture: **Winter wheat** seeded was reported at 22 percent, compared to 37 percent last year and 35 percent for the five-year average. Condition of winter wheat was reported as 2 percent poor, 23 percent fair, 61 percent good, and 14 percent excellent. **Pasture** condition was reported as 2 percent very poor, 6 percent poor, 25 percent fair, 49 percent good, and 18 percent excellent. Ninety-three percent of farmers were reported as having adequate hay supply for this winter's feeding.

CROP PROGRESS for week ending 10/21/12

Crop Stage	This Week	Last Week ¹	Last Year	5-Yr Avg
Percent				
Corn Mature	97	N/A	100	99
Corn Harvested	65	N/A	94	84
Soybeans Dropping Leaves	80	N/A	93	97
Soybeans Mature	61	N/A	81	84
Soybeans Harvested	25	N/A	52	52
Winter Wheat Seeded	22	N/A	37	35
Burley Tobacco Cut	97	N/A	100	100
Burley Tobacco Stripped	13	N/A	15	13
Dark Tobacco Cut	91	N/A	99	100

SOIL MOISTURE for week ending 10/21/12

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	1	11	78	10
Subsoil	1	16	76	7

CROP CONDITIONS for week ending 10/21/12

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	5	38	54
Soybeans	1	3	9	50	37
Wheat	-	2	23	61	14
Pasture	2	6	25	49	18
Tobacco Housed	1	4	20	58	17

¹ Due to lapse in government funding from 10/1-10/16 the crop progress was not collected so the data is unavailable.

KENTUCKY WEATHER SUMMARY, OCTOBER 14 - 20, 2013:

Below Normal Temperatures and Rainfall:

Unsettled conditions kept chances of rain in the forecast for much of this past week. The first significant system came over the midsection of the work week with the passage of a slow moving cold front. Light to moderate showers overspread the Commonwealth as the boundary pushed east through the state with most receiving less than a quarter inch. After a brief period of dry weather on Friday, conditions once again became unsettled on Saturday with the passage of yet another cold front and upper level trough across the area. Moisture was limited and resulted in low rainfall totals, but coverage was quite high. Areas across the state averaged just over a tenth of an inch with higher totals across the Bluegrass. Cool high pressure then settled into the lower Ohio Valley Saturday night and into Sunday morning. This brought about the first frost of the season as clear skies and calm winds allowed temperatures to drop into the mid 30s for many locations. Some low lying and sheltered areas even dropped to around freezing.

Temperatures for the period averaged 56 degrees across the state which was 2 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 66 in the West to 65 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 48 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 8 degrees warmer than normal in the East. The extreme high temperature for the period was 78 degrees at FORT CAMPBELL and the extreme low was 31 degrees at CAMPBELLSVILLE 7W.

Precipitation (liq. equ.) for the period totaled 0.47 inches statewide which was 0.24 inches below normal and 67% of normal. Precipitation totals by climate division, West 0.41 inches, Central 0.54 inches, Bluegrass 0.50 inches and East 0.44 inches, which was 0.34, 0.18, 0.17 and 0.24 inches below normal. By station, precipitation totals ranged from a low of 0.17 inches at PEABODY to a high of 0.93 inches at TRIANGLE MOUNTAIN.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 20, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Relative Humidity	
	Since Last	Last	Four	Norm	Norm	Dev.		Average	High	Low
	Week	April	Wks.	Since	Last	Wkly.	From	Normal	High	Low
	(Inches)					(Degrees	Fahrenheit)			
Bardstown	0.51	31.19	3.47	+5.39	+0.96	73	35	57	-1	98 41
Berea	0.75	30.39	1.75	+3.15	-1.12	74	31	56	0	88 38
Bowling Green	0.57	37.64	2.75	+10.29	-0.19	75	34	57	-1	100 36
Bristol	0.17	31.82	0.81	+8.66	-1.73	79	34	58	+2	100 40
Buckhorn Lake	0.20	26.86	0.43	+0.88	-2.37	75	32	57	+1	96 44
Cape Girardeau	0.22	23.38	2.54	-2.25	-0.35	71	37	57	-3	100 36
Campbellsville	0.75	34.07	3.29	+3.37	+0.02	73	31	56	-2	96 53
Covington	0.42	31.49	4.41	+7.30	+1.80	73	37	55	-1	100 40
Cumberland Gap	0.20	34.92	1.43	+6.96	-1.52	75	38	58	+2	100 40
Dix Dam	0.54	37.56	2.51	+10.81	-0.24	73	37	56	0	97 43
Evansville	0.56	27.89	5.39	+3.66	+2.75	72	41	56	-4	94 36
Glasgow	0.63	33.09	1.88	+3.71	-1.10	74	35	56	-2	100 39
Grayson	0.86	29.06	3.87	+4.04	+1.21	74	33	56	0	97 46
Hardinsburg	0.27	28.65	3.24	+1.51	+0.30	72	34	55	-3	100 44
Henderson	0.34	26.89	5.17	+1.78	+2.45	72	38	57	-3	94 36
Huntington	0.62	26.26	1.58	+1.12	-1.08	75	35	57	+1	100 39
Jackson	0.58	33.34	1.22	+6.28	-1.60	75	35	57	+1	100 38
Lexington	0.53	37.57	4.05	+11.77	+1.54	74	37	57	+1	97 43
London	0.61	34.33	3.11	+9.20	+0.40	76	35	58	+2	96 34
Louisville	0.28	30.77	7.89	+5.50	+5.30	75	38	58	0	96 40
Mayfield	0.43	41.50	4.26	+13.45	+0.87	76	37	57	-3	97 46
Nashville	0.31	29.05	1.93	+3.70	-0.67	80	35	59	+1	100 39
Nolin Lake	0.50	30.87	1.91	+1.87	-1.26	79	36	60	+2	100 39
Paducah	0.32	33.03	7.00	+5.87	+4.08	74	41	59	-1	94 38
Princeton	0.37	36.64	4.96	+9.43	+2.10	73	38	57	-3	97 46
Quicksand	0.40	27.78	1.04	+0.72	-1.78	75	37	58	+2	97 46
Somerset	0.66	29.11	1.11	+0.53	-2.07	77	31	55	-1	100 36
Spindletop	0.64	37.93	5.70	+12.13	+3.19	72	36	54	-2	100 46
Williamstown	0.42	33.95	3.57	+8.24	+0.79	72	36	55	-1	97 46

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/>