



NATIONAL  
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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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Released weekly April - November

Issued 4:00 P.M., June 24, 2013

13-12

**Agricultural News:** Weather for the past week consisted of lower than normal rainfall. Precipitation for the week totaled 0.98 inches, 0.04 inches below normal for this point in the season. Temperature for the week averaged 75 degrees, 1 degree warmer than normal. **Topsoil moisture** was rated 5 short, 79 percent adequate and 16 percent surplus. **Subsoil moisture** was rated 1 percent very short, 4 percent short, 83 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible seven. Producers were busy harvesting winter wheat; planting soybeans and tobacco.

**Crops:** As of Sunday, June 23, the **corn** crop was 99 percent emerged compared to 100 percent last year and the five year average of 100 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 15 percent fair, 58 percent good, and 24 percent excellent. **Soybean** planting reached 77 percent complete. Planting progress trails last year at 99 percent and the five year average of 87 percent. The soybean crop is 60 percent emerged compared to 98 percent last year and the five year average of 80 percent. Condition of the soybean crop was rated 1 percent very poor, 2 percent poor, 14 percent fair, 68 percent good, and 15 percent excellent.

**Tobacco:** Ninety percent of Burley tobacco has been set compared to 95 percent last year and 96 percent for the five year average. Dark tobacco is 89 percent set, behind last year at 95 percent and the five year average of 97 percent. Condition of set tobacco was rated as 1 percent very poor, 2 percent poor, 22 percent fair, 57 percent good, and 18 percent excellent. Tobacco height is at 68 percent under 12 inches, 27 percent at 12-24 inches and 5 percent over 24 inches.

**Small Grains:** Twenty-nine percent of the winter **wheat** crop had been harvested compared to 94 percent last year and the five year average of 57 percent. Condition of the winter wheat crop was rated 1 percent very poor, 2 percent poor, 16 percent fair, 53 percent good, and 28 percent excellent.

**Pasture:** Pasture condition was reported as 1 percent very poor, 3 percent poor, 19 percent fair, 56 percent good, and 21 percent excellent.

CROP PROGRESS for week ending 06/23/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Emerged	99	95	100	100
Corn Tasseling	2	N/A	46	17
Soybean Planted	77	63	99	87
Soybeans Emerged	60	46	98	80
Wheat Harvested	29	6	94	57
Tobacco Dark Set	89	79	95	97
Tobacco Burley Set	90	80	95	96

SOIL MOISTURE for week ending 06/23/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	5	79	16
Subsoil	1	4	83	12

CROP CONDITIONS for week ending 06/23/13

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	2	15	58	24
Wheat	1	2	16	53	28
Soybeans	1	2	14	68	15
Pasture	1	3	19	56	21
Tobacco Set	1	2	22	57	18

# KENTUCKY WEATHER SUMMARY, JUNE 17 - 23, 2013:

Above Normal Temperatures and Near Normal Rainfall:

Summertime warm temperatures and high humidities started moving into the Bluegrass state last week. Much of the state received rain during the first half of the work week with mostly dry conditions for the remainder of the work week. The west and parts of central Kentucky received the greater rainfall totals with much of the remainder of the state receiving below normal rainfall and only about half of what the west received. Many locations west and central reported 90 degrees at least once during the work week.

Temperatures for the period averaged 75 degrees across the state which was 1 degree warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 84 in the East. Departure from normal high temperatures ranged from near normal in the West to near normal in the East. Low temperatures averaged from 67 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at OWENSBORO AWSS and the extreme low was 55 degrees at MOREHEAD 4NE.

Rainfall for the period totaled 0.98 inches statewide which was 0.04 inches below normal and 96% of normal. Rainfall totals by climate division, West 1.45 inches, Central 0.78 inches, Bluegrass 0.71 inches and East 0.99 inches, which was 0.44, -0.23, -0.31 and -0.04 inches respectively from normal. By station, precipitation totals ranged from a low of 0.04 inches at MAYSVILLE 3SW to a high of 3.93 inches at CAPE GIRARDEAU ASOS.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUN 23, 2013, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature			Growing Degree Days			
	Since Last	Last Four	Norm	Norm	Dev.			Since	Dev.			
	Week	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	Apr 1	Apr 1	
	(Inches)			(Degrees F)								
Bardstown	0.60	9.06	2.19	-2.10	-1.34	87	54	74	0	166	1234	-74
Berea	0.70	12.98	4.14	+0.88	+0.34	87	57	73	0	158	1158	-191
Bowling Green	0.32	13.98	2.93	+1.52	-1.06	90	65	78	+4	192	1445	+91
Bristol	3.20	14.14	5.96	+4.23	+2.62	88	59	72	-1	155	1114	-110
Buckhorn Lake	2.50	13.54	6.58	+2.50	+2.74	85	58	72	-1	152	1193	+7
Cape Girardeau	3.93	16.04	8.76	+3.76	+5.26	92	64	79	+3	203	1352	-75
Campbellsville	1.81	14.37	4.98	+1.25	+0.95	89	60	74	0	170	1190	-137
Covington	1.90	12.04	4.29	+1.07	+0.66	88	61	75	+2	174	1228	+63
Cumberland Gap	0.50	15.60	6.18	+3.44	+2.14	85	59	73	0	164	1191	-32
Dix Dam	0.75	13.58	3.90	+1.81	+0.32	86	60	74	+1	164	1194	-98
Evansville	0.44	11.03	3.13	-0.42	-0.31	91	62	77	+1	190	1333	-2
Glasgow	0.32	14.26	1.96	+1.12	-2.38	87	63	76	+2	179	1282	-14
Grayson	0.21	9.35	2.57	-1.48	-1.06	87	55	72	-1	156	1134	+7
Hardinsburg	0.10	14.74	4.03	+2.65	+0.34	89	61	75	+1	178	1264	-105
Henderson	2.06	12.12	5.12	+0.40	+1.48	88	62	76	0	184	1327	-62
Huntington	0.32	7.05	3.09	-3.65	-0.43	90	57	74	+1	170	1274	+46
Jackson	1.60	13.14	5.21	+1.63	+1.56	86	62	73	0	163	1239	+53
Lexington	0.78	14.03	4.07	+2.87	+0.54	88	61	75	+2	178	1286	+60
London	1.22	15.67	4.86	+4.71	+1.40	86	60	73	0	162	1166	-76
Louisville	0.38	8.74	1.28	-2.76	-2.12	91	65	78	+4	198	1456	+136
Mayfield	0.93	19.57	7.19	+6.93	+3.80	89	66	77	+1	192	1338	-86
Nashville	1.71	14.54	4.30	+2.55	+0.78	91	65	78	+4	195	1434	-38
Nolin Lake	0.61	12.52	1.94	-0.50	-1.95	91	62	77	+3	189	1396	+145
Paducah	1.53	17.35	8.47	+4.30	+4.57	90	63	78	+2	196	1346	-60
Princeton	0.33	15.81	6.93	+3.10	+3.18	89	64	77	+1	186	1312	-110
Quicksand	1.52	12.09	4.56	+0.58	+0.91	88	59	74	+1	166	1164	-22
Somerset	1.09	12.82	3.18	+0.15	-0.89	88	58	73	0	162	1158	-112
Spindletop	1.38	13.88	4.77	+2.72	+1.24	87	60	74	+1	166	1165	-61
Williamstown	0.35	12.36	3.59	+0.91	-0.01	87	59	73	0	160	1168	-38

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/>