



Crop Progress and Condition

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Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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Agricultural News: Kentucky experienced dry and cool conditions over the past week. Precipitation for the week totaled 0.38 inches, 0.61 inches below normal. Temperatures averaged 73 degrees for the week, 3 degrees below normal. **Topsoil moisture** was rated 6 percent very short, 30 percent short, 58 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 4 percent very short, 28 percent short, 62 percent adequate, and 6 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven. Primary activities this week included planting soybeans and harvesting wheat and hay.

Producers are finishing up with the wheat harvest and double crop soybean planting. The average height of emerged soybeans was 17 inches. Most early planted corn looks good, but in some locations the later fields are curling due to lack of moisture. There were reports this week of blank shank and fusarium wilt in a few tobacco fields. Pasture and crop conditions are starting to decline in some areas due to lack of moisture. Farmers were bush hogging fields and performing general maintenance as they finished up planting row crops.

SOIL MOISTURE for week ending 07/06/14

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	6	30	58	6
Subsoil	4	28	62	6

- Represents zero.

CROP PROGRESS for week ending 07/06/14

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn Silking	46	18	14	36
Soybeans Planted	96	93	94	98
Soybeans Emerged	92	79	81	92
Soybeans Blooming	16	5	3	19
Tobacco Set	99	94	98	100
Tobacco Blooming	11	3	8	7
Winter Wheat Harvested	92	71	81	92

- Represents data not available.

CROP CONDITIONS for week ending 07/06/14

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	3	14	59	23
Hay	1	7	32	51	9
Livestock	1	2	15	68	14
Pasture	2	8	32	49	9
Soybeans	1	3	15	63	18
Tobacco Set	1	2	17	63	17

- Represents zero.

Kentucky Climate Summary
For the Period June 30, 2014 to July 6, 2014

Below Normal Temperatures and Below Normal Rainfall:

The first week of July continued the drier and cooler than normal pattern of past weeks as another dry and cooler week occurred for the Bluegrass state. The week started mild and became below normal on temperatures for the latter half of the week. Those locations in the state with the driest conditions also suffered the least rainfall last week, especially east and south. This was the 4th week with mostly below normal rainfall.

Temperatures for the period averaged 73 degrees across the state which was 3 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 84 in the West to 83 in the East. Departure from normal high temperatures ranged from 5 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 63 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 4 degrees cooler than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 95 degrees at Bowling Green and the extreme low was 50 degrees at Covington.

Rainfall for the period totaled 0.38 inches statewide which was 0.61 inches below normal and 38% of normal. Rainfall totals by climate division, West 0.65 inches, Central 0.33 inches, Bluegrass 0.43 inches and East 0.11 inches, which was 0.34, 0.65, 0.53 and 0.91 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Big Sandy to a high of 2.22 inches at Evansville.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/06/14 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>				
Bardstown	0.45	13.54	-1.40	0.56	-1.40	91	51	74	-2	168	1,692	80
Berea	0.09	14.26	-1.22	0.38	-1.22	88	49	73	-2	158	1,548	-108
Bowling Green	0.25	11.49	-2.41	-2.86	-2.41	95	53	77	1	187	1,842	171
Bristol	0.01	8.28	-0.06	-3.30	-0.06	91	50	74	-1	168	1,628	114
Buckhorn Lake	0.01	8.44	-2.41	-4.51	-2.41	89	54	74	-1	170	1,688	231
Cape Girardeau	0.89	21.30	2.66	7.52	2.66	90	56	74	-3	168	1,798	38
Campbellsville	0.12	15.20	-1.81	0.07	-1.81	91	52	74	-2	166	1,635	4
Covington	0.66	16.39	0.57	3.70	0.57	89	51	73	-2	158	1,583	124
Cumberland Gap	0.05	10.46	-1.42	-3.71	-1.42	89	50	73	-2	162	1,620	113
Dix Dam	1.19	12.40	-0.52	-1.19	-0.52	90	55	74	-1	168	1,642	45
Evansville	2.22	20.03	0.80	6.99	0.80	93	57	74	-3	170	1,770	114
Glasgow	0.17	13.99	-2.35	-1.25	-2.35	91	54	74	-2	170	1,765	158
Grayson	0.00	14.21	-0.94	1.54	-0.94	88	50	73	-2	158	1,495	98
Hardinsburg	0.93	15.10	-1.76	1.21	-1.76	94	54	74	-2	172	1,720	32
Henderson	0.89	17.96	-1.27	4.57	-1.27	93	55	75	-2	173	1,726	16
Huntington	0.00	13.92	-0.46	1.41	-0.46	90	53	73	-2	162	1,538	18
Jackson	0.04	10.89	-1.47	-2.53	-1.47	89	57	75	0	174	1,766	309
Lexington	0.60	16.93	-0.04	3.95	-0.04	87	55	75	0	173	1,730	203
London	0.01	9.83	-1.28	-2.89	-1.28	90	54	75	0	176	1,740	208
Louisville	0.40	13.07	-1.45	-0.11	-1.45	92	58	77	1	188	1,930	292
Mayfield	0.25	20.15	-1.53	5.85	-1.53	88	54	74	-3	166	1,776	37
Nashville	0.42	16.33	0.14	2.74	0.14	94	56	77	1	189	1,958	154
Nolin Lake	0.21	13.96	-1.17	-0.95	-1.17	96	54	75	-1	178	1,924	383
Paducah	0.93	18.40	0.17	3.59	0.17	92	57	76	-1	183	1,990	256
Princeton	0.54	14.25	-1.82	-0.19	-1.82	90	54	75	-2	175	1,776	32
Quicksand	0.06	9.70	-2.11	-3.72	-2.11	90	50	73	-2	164	1,598	141
Somerset	0.14	15.23	0.10	0.62	0.10	88	52	73	-2	160	1,557	-6
Spindletop	0.28	14.47	-0.88	1.49	-0.88	91	54	74	-1	168	1,680	153
Williamstown	0.11	13.50	-1.74	0.29	-1.74	89	52	73	-2	160	1,557	58

The above information is provided by Tom, Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.