



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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Cooperative Extension Service

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**Agricultural News:** Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.23 inches, 0.14 inches above normal. Temperatures averaged 72 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 2 percent very short, 12 percent short, 68 percent adequate and 18 percent surplus. **Subsoil moisture** was rated 1 percent very short, 11 percent short, 74 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 4.1 out of a possible seven.

Primary activities this week included planting soybeans and tobacco, hay cutting, fungicide applications, and side dressing corn. A lot of first cutting hay is still standing, resulting in over maturity and decreased quality. Pastures are growing well due to the recent rains. Some areas are getting dry while others have had plenty of moisture. Corn average height was 17 inches. The average height of set tobacco in the field was 7 inches.

**SOIL MOISTURE for week ending 06/08/14**

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	2	12	68	18
Subsoil	1	11	74	14

- Represents zero.

**CROP PROGRESS for week ending 06/08/14**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn Planted	97	94	95	97
Corn Emerged	87	81	82	90
Soybeans Planted	61	52	45	62
Soybeans Emerged	43	32	28	46
Tobacco Set	70	60	63	72
Winter Wheat Coloring	69	-	-	-

- Represents data not available.

**CROP CONDITIONS for week ending 06/08/14**

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	17	63	16
Hay	2	7	29	48	14
Pasture	2	6	21	56	15
Soybeans	1	2	15	70	12
Tobacco Set	1	2	17	67	13
Wheat	2	5	21	54	18

- Represents zero.

**Kentucky Climate Summary**  
**For the Period June 2, 2014 to June 8, 2014**

Above Normal Temperatures and Rainfall:

A much more active pattern set up this past week across the Lower Ohio Valley. While data shows the state receiving above normal rainfall, this can be somewhat misleading. Most activity occurred across Western Kentucky, before diminishing farther east. The west averaged over 2.5 inches over the course of the period, while Central Kentucky saw less than a half inch. Much of the action came over the course of a couple storm systems. The first pushed through the area on Wednesday. Scattered, strong to severe storms fired across the entire state. These storms exhibited about every type of severe weather from damaging winds, hail, to tornados. Straight line winds with peak gusts of 95 mph were reported in Western Kentucky, along with a couple weak tornados. Some activity lingered into Thursday, before the Commonwealth became under the influence of high pressure to end the work week. Low pressure then passed north of the state late Saturday and into Sunday. Once again, the main activity was centered across Western Kentucky, before diminishing farther east. Rainfall has been below normal across Eastern Kentucky over each of the past 5 weeks. Portions of this area are now showing abnormally dry conditions.

Temperatures for the period averaged 72 degrees across the state which was 2 degrees warmer than normal and 2 degrees cooler than the previous period. High temperatures averaged from 81 in the West to 80 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 68 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 7 degrees warmer than normal in the West to 6 degrees warmer than normal in the East. The extreme high temperature for the period was 90 degrees at PADUCAH ASOS and the extreme low was 48 degrees at VANCEBURG 6W.

Precipitation (liq. equ.) for the period totaled 1.23 inches statewide which was 0.14 inches above normal and 113% of normal. Precipitation totals by climate division, West 2.70 inches, Central 0.40 inches, Bluegrass 1.12 inches and East 0.70 inches, which was 1.65, -0.70, 0.02 and -0.39 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at BLACK MOUNTAIN ARC to a high of 7.40 inches at MAYFIELD 6SW.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 06/08/14 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>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.16	11.29	-0.74	1.96	-0.74	85	56	72	0	158	991	14
Berea	1.30	11.73	-0.31	1.61	-0.31	85	56	71	0	150	888	-124
Bowling Green	0.24	9.92	-2.23	-0.45	-2.23	87	61	75	3	174	1,085	77
Bristol	0.21	4.91	-1.24	-3.23	-1.24	88	55	72	1	156	923	15
Buckhorn Lake	0.34	6.87	-1.93	-2.10	-1.93	86	62	72	1	152	992	99
Cape Girardeau	2.07	15.41	1.36	4.86	1.36	89	65	76	3	180	1,062	0
Campbellsville	0.08	12.92	-0.20	1.88	-0.20	86	61	72	0	157	940	-60
Covington	2.22	12.18	1.40	3.13	1.40	85	54	71	0	149	904	53
Cumberland Gap	0.27	7.74	-2.76	-2.29	-2.76	87	61	72	1	154	932	14
Dix Dam	0.09	9.27	-1.49	-0.67	-1.49	85	56	72	1	152	942	-17
Evansville	1.87	15.89	0.40	6.19	0.40	86	62	74	1	166	1,022	37
Glasgow	0.55	11.94	-1.49	1.10	-1.49	86	61	74	2	166	1,048	94
Grayson	1.25	11.39	-0.42	2.48	-0.42	82	50	71	0	146	839	0
Hardinsburg	0.68	13.16	-0.95	2.97	-0.95	86	63	72	0	156	1,006	-13
Henderson	1.75	15.66	-0.34	5.84	-0.34	86	63	73	0	160	992	-44
Huntington	1.28	10.71	-0.99	1.86	-0.99	84	50	70	-1	138	875	-39
Jackson	0.81	8.54	-1.20	-1.06	-1.20	85	57	72	1	152	1,061	168
Lexington	1.92	13.32	2.51	3.99	2.51	85	56	73	2	158	1,014	113
London	0.77	7.53	-2.01	-1.62	-2.01	85	56	72	1	156	1,024	96
Louisville	0.05	11.11	-1.35	1.34	-1.35	87	61	75	3	175	1,138	163
Mayfield	2.24	18.34	4.75	7.38	4.75	86	64	75	2	173	1,074	2
Nashville	2.60	12.80	0.86	2.60	0.86	89	63	76	4	184	1,178	71
Nolin Lake	0.39	11.28	-1.58	0.22	-1.58	89	61	76	4	178	1,176	239
Paducah	3.04	14.45	1.48	3.42	1.48	90	67	78	5	193	1,202	157
Princeton	1.74	12.42	-0.51	1.63	-0.51	85	68	75	2	178	1,053	-14
Quicksand	0.16	7.99	-1.80	-1.61	-1.80	83	62	72	1	152	898	5
Somerset	0.06	11.07	-2.57	0.52	-2.57	85	55	70	-1	138	894	-56
Spindletop	0.07	11.70	1.27	2.37	1.27	86	55	72	1	155	954	53
Williamstown	0.28	11.60	-1.48	2.03	-1.48	83	55	72	1	151	885	-3

The above information is provided by Tom, Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 257-3000 ext 245.