



Crop Progress and Condition

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Univ. of KY – Agr'l Weather Center
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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.36 inches, 0.76 inches below normal. Temperatures averaged 73 degrees for the week, 5 degrees above normal. **Topsoil moisture** was rated 1 percent very short, 11 percent short, 74 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 79 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible seven. Primary activities this week included planting corn, soybeans and tobacco.

Farmers were also busy cutting and baling hay as weather permitted. There were some reports of cut worms in corn. Producers continued spraying herbicides on corn and soybean fields and applied nitrogen on corn fields. Corn average height was 9 inches. Hay harvest was delayed in some areas due to rains, resulting in over maturity. Many growers had hay cut on the ground when rains occurred.

SOIL MOISTURE for week ending 06/01/14

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	11	74	14
Subsoil	1	9	79	11

- Represents zero.

CROP PROGRESS for week ending 06/01/14

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	94	87	89	92
Corn Emerged	81	66	67	80
Soybeans Planted	52	30	28	47
Soybeans Emerged	32	12	12	31
Tobacco Set	60	38	42	52

- Represents data not available.

CROP CONDITIONS for week ending 06/01/14

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	2	17	66	14
Hay	2	7	30	47	14
Livestock	1	2	15	68	14
Pasture	1	6	22	56	15
Wheat	2	5	21	53	19

- Represents zero.

Kentucky Climate Summary
For the Period May 26, 2014 to June 1, 2014

Above Normal Temperatures and Much Below Normal Precipitation:

While the spring season will last another few weeks, weather conditions this past period gave the impression of an early summer. High temperatures over nearly the entire week stayed in the 80s with lows only dropping into the 60s. Some locations even stayed in the 70s at night. The mild temperatures guided the way to a state average of 5 degrees above normal. Looking at rainfall, Kentucky was dominated this past week by a very moist and unstable air mass, more typical of summer. Scattered showers and storms fired about every day during the afternoon and evening hours, before tapering overnight. Localized heavy rainfall was the main threat with the slow moving nature of any storms. The sporadic coverage of the storms amounted to a very dry week across the Commonwealth. The state averaged just over a third of an inch, which was the 4th driest week of 2014 thus far.

Temperatures for the period averaged 73 degrees across the state which was 5 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 83 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 67 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 8 degrees warmer than normal in the West to 8 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 51 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.36 inches statewide which was 0.76 inches below normal and 32% of normal. Precipitation totals by climate division, West 0.50 inches, Central 0.38 inches, Bluegrass 0.25 inches and East 0.32 inches, which was 0.6, 0.78, 0.84 and 0.8 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BOWLING GREEN 5S to a high of 2.15 inches at BIG SANDY.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/01/14 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
	(Inches)	(Inches)	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)						
Bardstown	0.19	11.13	0.73	2.66	0.73	86	59	74	4	166	834	12
Berea	0.20	10.43	-0.99	1.23	-0.99	86	56	72	3	157	739	-116
Bowling Green	0.21	9.68	-1.33	0.28	-1.33	88	61	76	6	180	912	66
Bristol	0.37	4.70	-1.28	-2.62	-1.28	89	54	72	3	156	768	7
Buckhorn Lake	0.05	6.53	-0.92	-1.47	-0.92	83	59	71	2	148	840	84
Cape Girardeau	1.03	13.34	0.68	3.60	0.68	88	64	76	4	183	882	-9
Campbellsville	0.82	12.84	0.77	2.77	0.77	83	58	72	2	152	783	-64
Covington	0.45	9.96	-0.56	1.80	-0.56	88	56	75	6	172	755	50
Cumberland Gap	0.03	7.47	-1.54	-1.56	-1.54	84	60	71	2	150	778	3
Dix Dam	0.00	9.18	-0.81	0.10	-0.81	84	58	73	4	158	790	-14
Evansville	0.06	14.02	-0.63	5.13	-0.63	89	63	78	6	194	857	36
Glasgow	0.00	11.39	-0.73	1.63	-0.73	86	64	74	4	170	882	87
Grayson	0.50	10.14	-1.07	2.12	-1.07	84	53	70	1	139	694	-10
Hardinsburg	0.76	12.48	0.70	3.17	0.70	87	62	74	4	166	850	-5
Henderson	0.34	13.91	-1.99	4.97	-1.99	87	65	75	3	176	832	-39
Huntington	0.73	9.43	-0.91	1.45	-0.91	86	51	71	2	148	736	-31
Jackson	0.23	7.73	-1.72	-0.98	-1.72	86	60	74	5	167	910	154
Lexington	0.33	11.40	1.39	2.93	1.39	88	58	74	5	170	856	107
London	0.15	6.76	-2.15	-1.54	-2.15	87	58	74	5	166	868	86
Louisville	0.40	11.06	-0.09	2.09	-0.09	89	61	77	7	190	963	149
Mayfield	0.72	16.10	3.37	5.93	3.37	86	65	74	2	171	901	-6
Nashville	0.49	10.20	-1.90	0.83	-1.90	91	63	77	7	191	994	57
Nolin Lake	0.00	10.89	-0.98	0.75	-0.98	91	61	77	7	188	998	207
Paducah	0.40	11.41	-1.50	1.33	-1.50	90	65	78	6	196	1,010	133
Princeton	0.43	10.68	-2.27	0.79	-2.27	86	64	74	2	168	876	-26
Quicksand	0.03	7.83	-1.32	-0.88	-1.32	85	55	71	2	144	745	-11
Somerset	0.46	11.01	-1.67	1.45	-1.67	84	58	72	3	154	756	-45
Spindletop	0.26	11.63	1.84	3.16	1.84	88	57	74	5	170	800	51
Williamstown	0.00	11.32	-0.95	2.63	-0.95	85	58	72	3	154	734	-5

The above information is provided by Tom, Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 257-3000 ext 245. Internet at: <http://www.wagwx.ca.uky.edu/>