



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277
Email: nassrfoemr@nass.usda.gov

In Cooperation with:

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

Released: May 27, 2014

Issue: 8-14

Agricultural News: Kentucky experienced below normal precipitation and above average temperatures over the past week. Precipitation for the week totaled 0.56 inches, 0.55 inches below normal. Temperatures averaged 68 degrees for the week, 2 degrees above normal. **Topsoil moisture** was rated 4 percent short, 78 percent adequate and 18 percent surplus. **Subsoil moisture** was rated 4 percent short, 82 percent adequate and 14 percent surplus. Days suitable for fieldwork averaged 5.2 out of a possible seven. Primary activities this week included planting corn, soybeans and tobacco, as well as harvesting hay.

Crop planting progress benefitted from warmer and drier conditions. Strong storms hit the state mid-week in some locations resulting in reports of wind and hail damage. Bottom ground has dried out in some areas which allowed for those fields to be planted. Producers continued spraying herbicides on corn and soybean fields and applied nitrogen applications on early planted corn fields. A lot of hay was cut and baled as conditions allowed, with many reports of yields from first cuttings being down from last year.

SOIL MOISTURE for week ending 05/25/14

	Very Short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	-	4	78	18
Subsoil	-	4	82	14

- Represents zero.

CROP PROGRESS for week ending 05/25/14

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	87	74	71	82
Corn Emerged	66	50	47	66
Soybeans Planted	30	14	13	32
Soybeans Emerged	12	4	3	18
Tobacco Set	38	21	23	33
Winter Wheat Headed	91	79	89	96

- Represents data not available.

CROP CONDITIONS for week ending 05/25/14

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	19	66	12
Hay	2	7	27	51	13
Pasture	2	6	22	55	15
Wheat	2	5	21	52	20

- Represents zero.

Kentucky Climate Summary
For the Period May 19, 2014 to May 25, 2014

Above Normal Temperatures and Below Normal Precipitation:

Mostly dry conditions moved back into the Commonwealth this past period. An upper level ridge built into the Ohio Valley to start out the work week with surface high pressure pushing east of the area. This kept skies mostly clear with a breezy southerly wind at times. Summer-like temperatures returned to the area with highs getting into the low to mid 80s Tuesday and Wednesday. Conditions then turned unsettled as a broken line of strong to severe storms pushed through the region later Wednesday and on into Thursday. There were numerous wind and hail reports, with one in particular estimating hail in excess of 1.5 inches in Campbellsville. This was really the only major rainfall event for the week as the state was on average 0.55 inches below normal for the period. High pressure then moved into the Ohio Valley for the holiday weekend. This kept conditions dry with temperatures remaining around normal.

Temperatures for the period averaged 68 degrees across the state which was 2 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 82 in the West to 78 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to near normal in the East. Low temperatures averaged from 61 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 90 degrees at PADUCAH ASOS and the extreme low was 32 degrees at WILLIAMSBURG AWOS.

Precipitation (liq. equ.) for the period totaled 0.56 inches statewide which was 0.55 inches below normal and 50% of normal. Precipitation totals by climate division, West 0.29 inches, Central 0.34 inches, Bluegrass 0.99 inches and East 0.61 inches, which was 0.81, 0.82, 0.08 and 0.51 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BENTON 4N to a high of 3.59 inches at MURRAY 1W.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 05/25/14 4 p.m.

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High				
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)					
Bardstown	0.31	21.22	3.27	77	62	84	45	68	-2
Berea	1.24	21.84	3.65	77	62	83	37	65	-2
Bowling Green	0.00	20.38	-0.97	77	62	86	45	70	2
Bristol	0.42	11.79	-5.03	77	62	83	39	65	-2
Buckhorn Lake	0.98	18.54	0.01	75	61	81	42	65	-2
Cape Girardeau	0.00	17.62	-2.25	74	64	89	49	73	3
Campbellsville	0.33	23.28	1.82	74	62	84	40	67	-1
Covington	0.43	17.33	0.61	77	62	83	41	67	0
Cumberland Gap	0.53	20.37	-0.97	77	62	83	39	65	-2
Dix Dam	0.94	19.60	0.84	77	62	82	43	66	-1
Evansville	0.02	20.78	2.44	77	61	87	48	72	2
Glasgow	0.28	22.49	0.75	74	64	86	47	70	2
Grayson	0.45	19.94	3.71	75	62	82	37	64	-3
Hardinsburg	0.11	22.60	2.39	74	62	85	44	69	1
Henderson	0.07	20.43	1.62	77	62	85	48	71	1
Huntington	0.48	18.93	2.78	77	62	83	38	64	-3
Jackson	0.86	20.60	1.66	77	61	83	48	68	1
Lexington	1.75	21.00	3.05	77	64	84	42	68	1
London	0.65	18.29	-0.57	75	62	85	42	67	
Louisville	0.78	19.09	0.31	74	61	87	48	71	3
Mayfield	3.59	27.93	5.06	77	62	86	49	72	2
Nashville	0.11	21.77	1.20	75	62	89	46	73	5
Nolin Lake	0.15	23.29	2.32	75	61	88	47	71	3
Paducah	0.49	19.54	-1.54	74	64	90	48	74	4
Princeton	0.00	21.13	-0.84	77	62	87	47	71	1
Quicksand	1.43	20.66	1.72	77	61	84	38	65	-2
Somerset	0.26	23.88	3.35	77	62	82	40	65	-2
Spindletop	1.95	22.20	4.25	77	64	83	41	67	0
Williamstown	0.46	19.93	2.21	77	64	81	41	66	-1

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