



Crop Progress and Condition

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In Cooperation with:

Univ. of KY – Agr'l Weather Center
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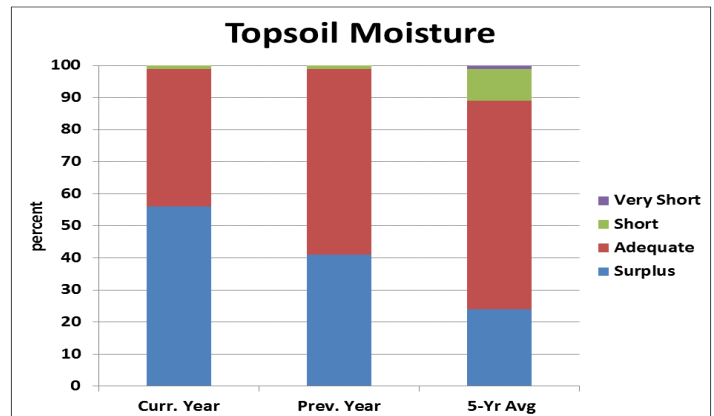
Agricultural News: Kentucky experienced above normal temperatures and rainfall over the past week. Precipitation for the week totaled 1.61 inches, 0.60 inches above normal. Temperatures averaged 63 degrees for the week, 9 degrees above normal. **Topsoil moisture** was rated 1 percent short, 43 percent adequate and 56 percent surplus. **Subsoil moisture** was rated 2 percent short, 60 percent adequate, and 38 percent surplus. Days suitable for fieldwork averaged 1.8 out of a possible seven.

Wet conditions continue to prevent most field work as corn planting is 2 weeks behind normal in many locations. Farmers are conducting soil tests to determine fertilizer applications, and applying when conditions allow. Producers are providing livestock access to high magnesium mineral to reduce risk of grass tetany. The peach crop is expected to be minimal this year due to the poor bloom caused by cold conditions. Most canola has bloomed and the crop looks good. Eighty-one percent of wheat is rated as good to excellent. The average height of winter wheat was 7 inches.

SOIL MOISTURE for week ending 04/12/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	43	56
Subsoil	-	2	60	38

- Represents zero.



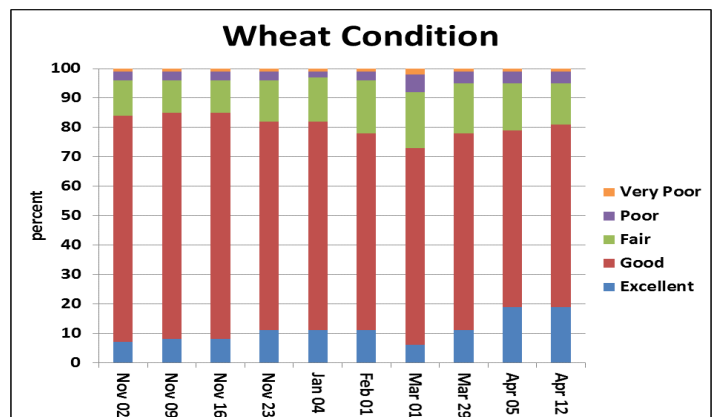
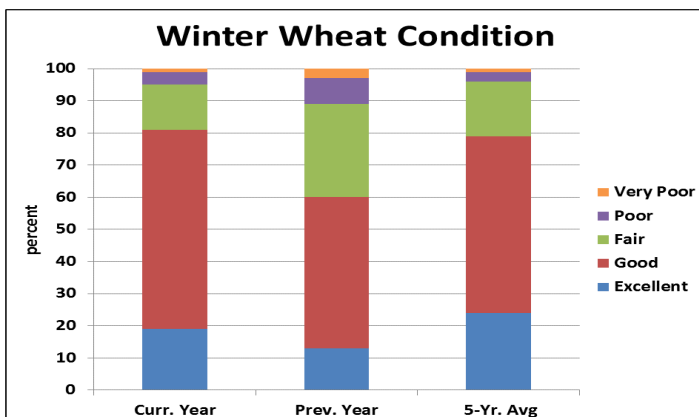
CROP PROGRESS for week ending 04/12/15

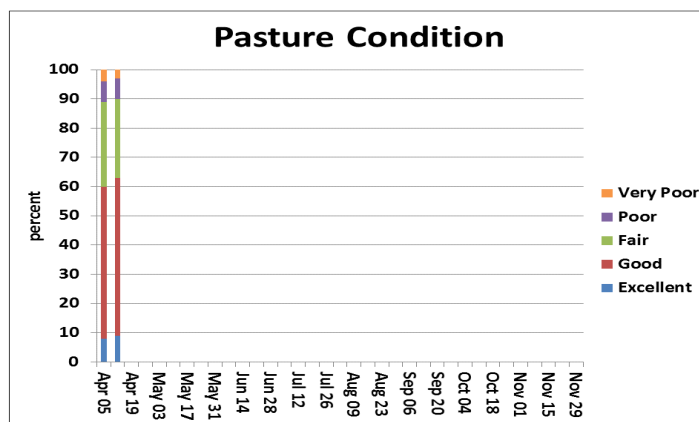
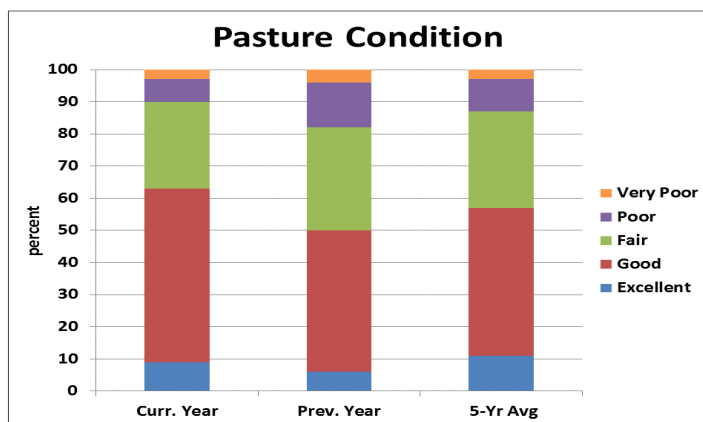
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	19	-	23	23
Corn Planted	1	-	3	15
Peaches Blooming	20	-	32	25
Tobacco Transplants Seeded	77	65	74	81

- Represents data not available.

CROP CONDITIONS for week ending 04/12/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	3	7	27	54	9
Wheat	1	4	14	62	19





**Kentucky Climate Summary
For the Period April 6, 2015 to April 12, 2015**

Well Above Normal Temperatures and Above Normal Rainfall:

The wet pattern continued for a second straight period as rainfall was seen on a daily basis over this past work week. Multiple disturbances pushed through the Lower Ohio Valley and with plenty of moisture available, any storms that did develop were efficient rainfall producers. Flash flooding was once again a concern for some locations. Some rounds did produce a fair share of severe weather as the state was placed within an unstable air mass. A couple weak tornadoes were seen in Madison County on the 7th, while hail 2 inches in diameter fell on the 8th. The final round pushed through the area on Thursday night and into Friday morning with the passage of a cold front. Over the course of the period, the state average was a bit over an inch and a half. Drier air worked into the area on Friday with the Commonwealth getting a chance to dry out over the weekend with high pressure in place. Looking at temperatures, it was one of the warmest weeks of 2015 thus far. The average state temperature was 9 degrees above normal, mainly due to multiple days with highs in the 70s/80s and lows only dropping into the 50s/60s.

Temperatures for the period averaged 63 degrees across the state which was 9 degrees warmer than normal and 8 degrees warmer than the previous period. High temperatures averaged from 74 in the West to 74 in the East. Departure from normal high temperatures ranged from 6 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. Low temperatures averaged from 55 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 11 degrees warmer than normal in the West to 12 degrees warmer than normal in the East. The extreme high temperature for the period was 87 degrees at BOONEVILLE 2S and the extreme low was 27 degrees at MONTICELLO AWOS.

Precipitation (liq. equ.) for the period totaled 1.61 inches statewide which was 0.6 inches above normal and 160% of normal. Precipitation totals by climate division, West 1.10 inches, Central 1.65 inches, Bluegrass 1.85 inches and East 1.84 inches, which was -0.05, 0.62, 0.94 and 0.91 inches respectively from normal. By station, precipitation totals ranged from a low of 0.36 inches at PRINCETON 2SE to a high of 3.16 inches at BARBOURVILLE 3E.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/12/15 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil 4 In. High	Air High		Wkly. Avg.		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	2.33	21.16	9.14	67	54	81	38	64	10
Berea	2.09	17.83	6.08	67	54	82	37	62	9
Bowling Green	0.88	15.51	0.73	67	54	84	41	67	13
Bristol	1.62	11.07	-0.62	67	54	84	40	62	9
Buckhorn Lake	1.39	16.08	3.11	67	54	83	43	64	11
Cape Girardeau	0.95	16.95	3.93	60	54	82	45	65	8
Campbellsville	2.85	19.65	5.22	67	54	81	38	64	10
Covington	1.22	13.81	2.79	67	54	75	36	60	7
Cumberland Gap	2.94	18.38	3.37	67	54	84	37	63	10
Dix Dam	1.35	16.39	3.98	67	54	82	41	63	10
Evansville	1.39	16.07	3.97	67	54	81	42	63	6
Glasgow	1.07	16.75	1.82	60	54	81	41	65	11
Grayson	2.17	18.66	8.05	67	54	84	36	61	8
Hardinsburg	0.82	15.50	1.81	67	54	84	42	66	12
Henderson	1.25	15.08	2.50	67	54	82	44	64	7
Huntington	1.28	16.29	5.74	67	54	84	37	61	8
Jackson	1.52	18.43	5.56	67	54	84	45	65	12
Lexington	2.32	20.15	8.13	60	54	82	40	63	10
London	1.41	15.24	2.17	67	54	86	41	66	13
Louisville	2.14	18.45	5.94	67	54	84	45	67	13
Mayfield	0.86	16.38	0.58	67	54	83	44	67	10
Nashville	1.71	13.75	-0.26	67	54	85	43	66	12
Nolin Lake	1.41	18.86	5.03	67	54	84	42	66	12
Paducah	0.60	18.68	4.59	60	54	84	46	67	10
Princeton	0.36	14.73	-0.36	67	54	82	43	66	9
Quicksand	1.78	17.80	4.93	67	54	85	33	62	9
Somerset	2.52	17.72	3.89	66	49	82	38	64	11
Spindletop	3.95	25.14	9.76	61	50	82	41	63	10
Williamstown	3.05	16.24	4.57	60	54	82	41	63	10

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