



# CROP PROGRESS & CONDITION

## Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

PO Box 3534 • Topeka KS 66601-3534 • (785) 233-2230 • www.nass.usda.gov/ks • nass-ks@nass.usda.gov

Released: April 4, 2011

Volume 11 No. 14

For the week ending April 3, 2011

**Agricultural Summary:** Dry conditions continue in Kansas with high winds and a lack of significant moisture across many counties last week. The dry and windy conditions have caused burn bans to be issued in some southwestern counties. Pittsburg, with 1.01 inches, was the only station to receive over a half inch of precipitation. Temperatures were cooler than normal most of last week before warming up over the weekend. Lows were still in the freezing range from 32 degrees in several locations down to 23 degrees in Liberal, while high temperatures were mostly in the upper 70's and 80's. It even hit 90 degrees in Healy. There was an average of 4.3 days suitable for field work across the State last week, ranging from a high of 6.4 days in the South Central District to a low of 2.3 days in the Southeast District. Topsoil moisture supplies statewide declined slightly to 18 percent very short, 23 percent short, 51 percent adequate, and 8 percent surplus. Despite the much needed precipitation last week, the topsoil moisture in the western areas was still mostly short to very short. Kansas subsoil moisture supplies were rated as 19 percent very short, 25 percent short, 51 percent adequate, and 5 percent surplus, with most of the surplus located in the Eastern Districts. Fieldwork last week included planting corn in a few areas, top dressing and weed control in wheat, and field preparation for corn planting, including anhydrous ammonia applications and some pre-irrigation. CRP and pasture burning was limited to when wind and weather allowed.

**Field Crop Report:** There was light precipitation across most of the wheat acreage in Kansas last week, though not enough to improve the condition of the crop. The

**winter wheat** is 22 percent jointed, ahead of last year at 12 percent but behind 24 percent for the 5-year average. The condition of the crop was rated at 13 percent very poor, 21 percent poor, 35 percent fair, 27 percent good and 4 percent excellent. Winterkill was rated at 1 percent severe, 2 percent moderate, 12 percent light, and 85 percent with no damage. Wind damage to the crop statewide was 1 percent severe, 3 percent moderate, 15 percent light, and 81 percent with none, while freeze damage was rated at 3 percent moderate, 12 percent light, and 85 percent with none. Insect and disease pressure remained unchanged as insect damage is rated at 6 percent light and 94 percent no damage, and disease infestation at 9 percent with light damage and 91 percent with none. **Corn** planting has just begun primarily in the southern districts where weather allowed and is 1 percent complete, equal to last year, but behind the 5-year average of 2 percent.

**Feed Supplies Report:** Range and pasture condition improved slightly and is rated at 10 percent very poor, 17 percent poor, 39 percent fair, 32 percent good, and 2 percent excellent. The feed grain supplies in Kansas were rated 1 percent very short, 5 percent short, 88 percent adequate, and 6 percent surplus. Hay and forage supplies were rated at 1 percent very short, 8 percent short, 86 percent adequate, and 5 percent surplus. Stock water supplies were 3 percent very short, 14 percent short, 79 percent adequate, and 4 percent surplus. Limited burning of pastures due to wind and dry weather, spreading fertilizer on pasture, continued spring calving, and some herds being moved to pasture were the primary livestock activities for the week.

**Kansas Crop Progress for the  
Week Ending April 3, 2011**

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Jointed	22	13	12	24

**Wheat Damage for the  
Week Ending April 3, 2011**

Type	None	Light	Moderate	Severe
	Percent			
Winterkill	85	12	2	1
Wind Damage	81	15	3	1
Freeze Damage	85	12	3	0
Insect Damage	94	6	0	0
Disease Damage	91	9	0	0

**Kansas Crop Conditions for the  
Week Ending April 3, 2011**

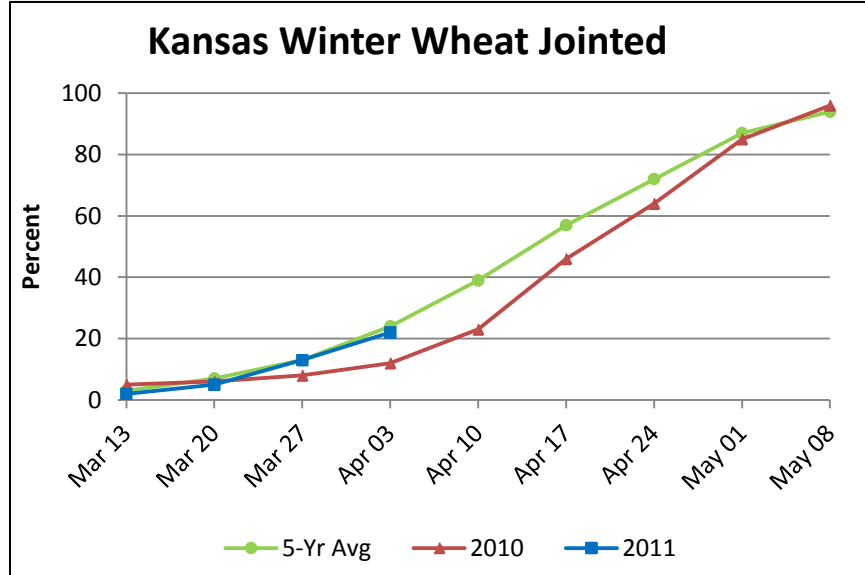
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	13	21	35	27	4
Range & Pasture	10	17	39	32	2

**Feed and Water Supplies for the  
Week Ending April 3, 2011**

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	1	5	88	6
Hay and Forage	1	8	86	5
Stock Water	3	14	79	4

**Days Suitable, Soil Moisture, and Crop Progress  
by District for the Week Ending April 3, 2011**

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR
Days Suitable for Fieldwork	4.5	5.2	5.9	4.4	3.1	6.4	4.2	3.3	2.3	4.3	4.5	3.7
Topsoil Moisture	Percent											
Very Short	38	48	65	5	5	9	0	0	1	18	17	0
Short	44	43	26	23	28	40	4	4	6	23	21	4
Adequate	18	9	9	70	60	51	90	85	56	51	53	67
Surplus	0	0	0	2	7	0	6	11	37	8	9	29
Subsoil Moisture	Percent											
Very Short	42	45	60	14	9	11	0	0	1	19	19	1
Short	49	48	32	25	33	40	5	6	9	25	25	5
Adequate	9	7	8	59	54	49	89	85	70	51	53	69
Surplus	0	0	0	2	4	0	6	9	20	5	3	25
Crop Progress	Percent											
Winter Wheat Jointed	19	2	15	2	23	51	2	11	56	22	13	12



# Temperature and Precipitation Data from March 28 – April 3, 2011 <sup>1/</sup>

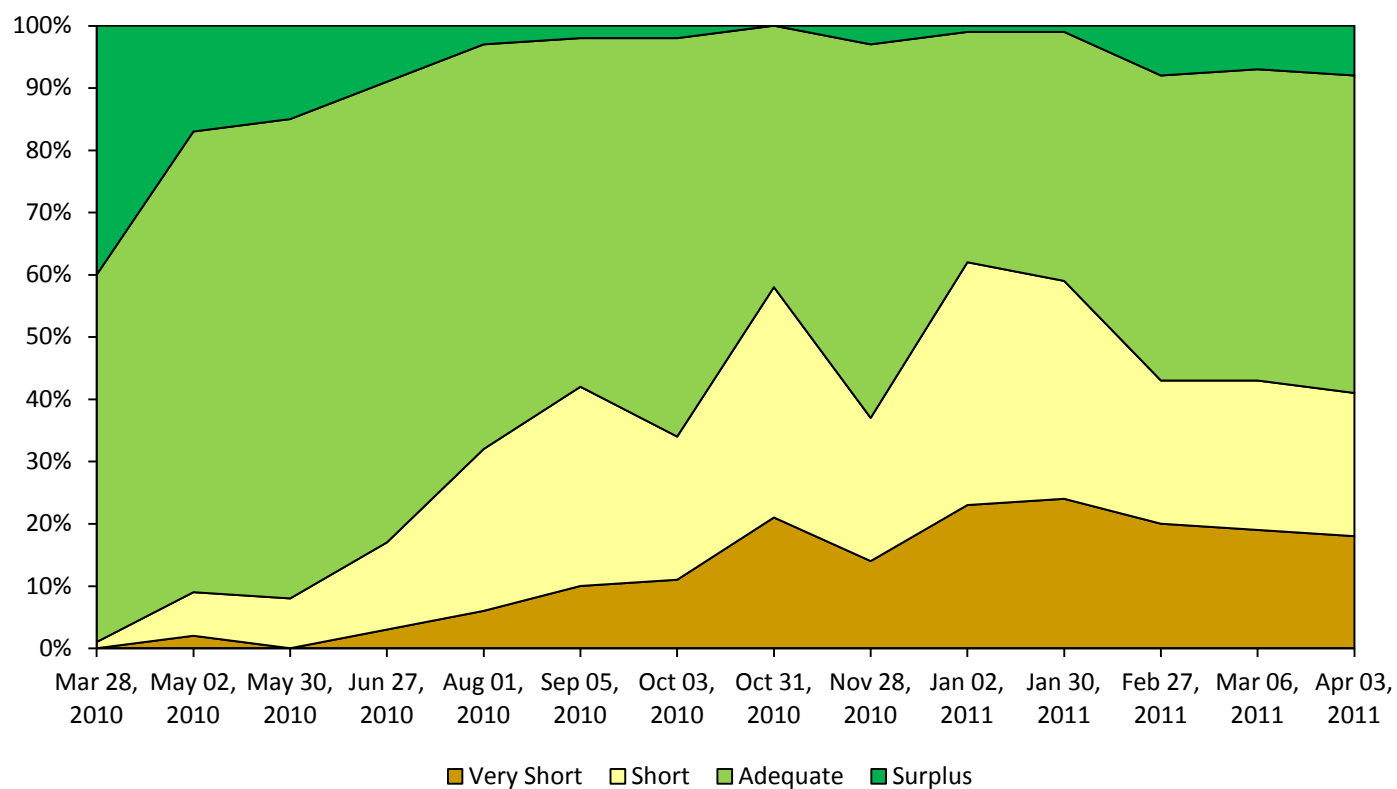
Location	Weekly Temperatures				Precipitation (in.)				Growing Degree Days Since April 1*	
	Extremes		Avg.	DFN	Last Week		Since January 1			
	High	Low			Total	DFN	Total	DFN	Total	DFN
<b>Northwest District</b>										
Colby	83	27	44	+1	0.12	-0.23	0.99	-1.22	17	+17
Goodland	85	26	43	-1	0.40	+0.12	1.64	-0.55	18	+18
Hill City	86	29	44	-2	0.50	+0.08	1.62	-1.74	19	+15
McDonald	87	27	43	0	0.34	-0.03	1.83	-1.04	12	+12
Oberlin	88	27	42	-3	0.32	-0.10	2.05	-0.90	10	+10
<b>West Central District</b>										
Healy	90	28	45	-2	0.41	+0.03	1.92	-1.04	21	+17
Quinter	86	27	43	-4	0.45	+0.03	2.46	-0.84	14	+14
Russell Springs	89	28	45	-1	0.25	-0.03	1.62	-0.74	22	+22
Tribune	89	25	45	0	0.45	+0.17	1.86	-0.45	23	+23
<b>Southwest District</b>										
Ashland	85	32	45	-5	0.03	-0.39	1.72	-1.43	17	+8
Dodge City	84	30	47	-2	0.04	-0.38	1.36	-1.90	29	+23
Elkhart	88	27	47	-2	0.02	-0.33	0.52	-1.99	28	+20
Garden City	88	27	44	-4	0.11	-0.22	1.33	-1.08	21	+15
Johnson	89	28	46	-5	0.07	-0.14	0.60	-0.82	26	+17
Liberal	88	23	47	-3	0.00	-0.35	0.44	-2.32	28	+19
<b>North Central District</b>										
Alton	83	28	42	-5	0.24	-0.32	1.84	-2.01	9	+3
Belleville	78	29	43	-5	0.11	-0.49	1.45	-2.71	11	+5
Beloit	80	30	45	-5	0.27	-0.28	2.29	-1.63	17	+8
Clay Center	76	25	41	-10	0.00	-0.56	2.27	-2.06	9	-3
Concordia	77	27	46	-3	0.02	-0.54	2.34	-1.64	26	+19
Phillipsburg	83	28	42	-5	0.36	-0.13	2.34	-0.70	11	+5
<b>Central District</b>										
Ellsworth	80	28	41	-6	0.45	-0.08	2.96	-1.29	7	+1
Great Bend	81	30	45	-6	0.14	-0.35	1.49	-2.41	22	+10
Hays	85	29	43	-6	0.44	-0.05	1.61	-1.75	13	+6
Herington	77	27	41	-8	0.23	-0.48	3.63	-1.84	8	+1
McPherson	76	29	42	-7	0.35	-0.28	2.50	-2.37	9	+1
Salina	78	28	45	-6	0.48	-0.15	2.15	-2.60	26	+17
<b>South Central District</b>										
Anthony	82	32	46	-5	0.04	-0.68	2.76	-2.53	21	+10
Hutchinson	80	31	47	-2	0.05	-0.58	2.13	-2.62	31	+22
Medicine Lodge	83	32	48	-3	0.03	-0.60	2.18	-2.28	33	+24
Newton	77	30	46	-4	0.04	-0.59	2.37	-2.30	28	+19
Pratt	82	30	43	-9	0.11	-0.51	2.66	-1.62	15	+3
Wichita	79	32	48	-3	0.02	-0.60	2.83	-2.00	32	+20
Wilmore	83	32	45	-5	0.04	-0.45	1.44	-2.30	20	+11
<b>Northeast District</b>										
Holton	80	24	41	-6	0.10	-0.60	3.76	-1.11	12	+6
Horton	74	26	42	-8	0.00	-0.70	3.43	-1.49	5	-4
Leavenworth	75	32	43	-6	0.03	-0.74	5.44	-0.04	7	-1
Manhattan	79	29	44	-7	0.12	-0.51	2.81	-1.91	13	+3
Valley Falls	74	31	43	-7	0.21	-0.42	3.84	-1.22	6	-3
<b>East Central District</b>										
Emporia	78	30	45	-4	0.13	-0.50	4.79	-0.09	22	+14
Eskridge	75	28	40	-7	0.35	-0.35	4.82	-0.26	9	+3
Garnett	74	30	42	-11	0.20	-0.57	6.61	+0.47	8	-5
Lawrence	74	31	44	-9	0.26	-0.44	6.97	+1.49	15	+2
Ottawa	73	30	41	-12	0.20	-0.56	7.11	+1.28	5	-9
Tallgrass Prairie	77	30	43	-7	0.21	-0.46	4.05	-1.08	9	+1
Topeka	76	28	45	-5	0.40	-0.23	4.90	+0.22	19	+10
<b>Southeast District</b>										
Columbus	77	29	42	-9	0.40	-0.44	7.94	+0.57	8	-3
Howard	78	29	44	-7	0.13	-0.57	4.99	-0.80	12	+2
Iola	75	31	42	-9	0.24	-0.58	6.21	-0.29	10	+1
Parsons	75	27	42	-9	0.48	-0.36	7.07	+0.19	9	-2
Pittsburg	78	31	43	-9	1.01	+0.10	10.06	+2.34	11	-1
Winfield-Arkansas City	81	31	48	-3	0.05	-0.65	2.45	-3.75	33	+23

Source: Agricultural Weather Information Service, Inc. © 2011 based on NWS data. DFN = Departure From Normal (1970-2000).

\* Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50

<sup>1/</sup> 7:00 a.m. Sunday to 7:00 a.m. Sunday.

## Kansas Topsoil Moisture 2010 and 2011



An audio summary of this report will be available at:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Kansas/Publications/Crop\\_Progress\\_and\\_Condition/index.asp](http://www.nass.usda.gov/Statistics_by_State/Kansas/Publications/Crop_Progress_and_Condition/index.asp)

**This is a cooperative effort with Kansas State Research & Extension Service,  
USDA-Farm Service Agency, and Kansas Agriculture Statistics**