



CROP PROGRESS & CONDITION

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending April 10, 2011

Agricultural Summary: Kansas saw hot and continued dry conditions last week as temperatures reached into the 90's and precipitation was limited to a few areas in the east. High winds combined with the already dry conditions have limited the CRP and pasture burning for another week as many counties have burn bans in place. Only 11 of the 52 weather stations reported more than half an inch of rain, all in the eastern third of Kansas. Leavenworth received the most precipitation with 2.30 inches, followed by Pittsburg with 1.47 inches, and Parsons with 1.25 inches. Twenty-seven stations reported less than one-tenth of an inch of precipitation. Cool temperatures early in the week led into a warm weekend as temperatures on Saturday reached into the 90's in many counties. For the week, highs ranged from the mid 80's to upper 90's, and lows ranged from the mid 30's down to 22 degrees in Alton. It reached 99 degrees in Medicine Lodge, Kansas last week, averaging 15 degrees above normal. There was an average of 5.6 days suitable for field work across the State last week, the most so far this year with the three western districts and the south central having more than 6 days suitable. Topsoil moisture supplies statewide declined to 20 percent very short, 24 percent short, 52 percent adequate, and 4 percent surplus. The contrast between the east and west continued as the eastern districts are all over 90 percent adequate to surplus while the drought stricken western districts are 85 percent or more short to very short. The subsoil moisture supplies declined as well and were rated as 20 percent very short, 27 percent short, 50 percent adequate, and 3 percent surplus. Fieldwork last week primarily involved fertilizing wheat, spraying pesticides, and planting corn, along with limited burning of CRP in areas that weather permitted.

Field Crop Report: High winds and dry conditions continued to stress the wheat crop in many areas while corn farmers planted 4 percent of Kansas acreage last week as the weather warmed. The **winter wheat** crop was 33 percent jointed, ahead of last year at 23 percent but behind 39 percent for the 5-year average. The condition of the crop declined slightly and was rated at 14 percent very poor, 23 percent poor, 35 percent fair, 25 percent good and 3 percent excellent. Winterkill was unchanged 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, 17 percent light, and 79 percent with none, and the freeze damage was rated at 4 percent moderate, 12 percent light, and 84 percent with none. Insect damage declined slightly and was rated at 1 percent moderate, 6 percent light and 93 percent no damage, as did disease infestation which was reported to be 1 percent moderate, 10 percent light damage and 89 percent with none. **Corn** planting has progressed to 5 percent complete, the same as the 5-year average but slightly behind 6 percent in 2010.

Feed Supplies Report: Range and pasture condition was rated at 11 percent very poor, 17 percent poor, 37 percent fair, 33 percent good, and 2 percent excellent. The feed grain supplies in Kansas were rated 1 percent very short, 5 percent short, 87 percent adequate, and 7 percent surplus. Hay and forage supplies were rated at 2 percent very short, 9 percent short, 84 percent adequate, and 5 percent surplus. Stock water supplies declined slightly and were rated 4 percent very short, 15 percent short, 78 percent adequate, and 3 percent surplus. Livestock activities involved preparing fences in pastures, burning pastures when possible, and calving along with spring working of cattle. Some cattle have been turned out on pasture on a limited basis, but many pastures still need moisture.

Kansas Crop Progress for the Week Ending April 10, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Jointed	33	22	23	39
Corn Planted	5	1	6	5

Wheat Damage for the Week Ending April 10, 2011

Type	None	Light	Moderate	Severe
	Percent			
Winterkill	85	12	2	1
Wind Damage	79	17	3	1
Freeze Damage	84	12	4	0
Insect Damage	93	6	1	0
Disease Damage	89	10	1	0

Kansas Crop Conditions for the Week Ending April 10, 2011

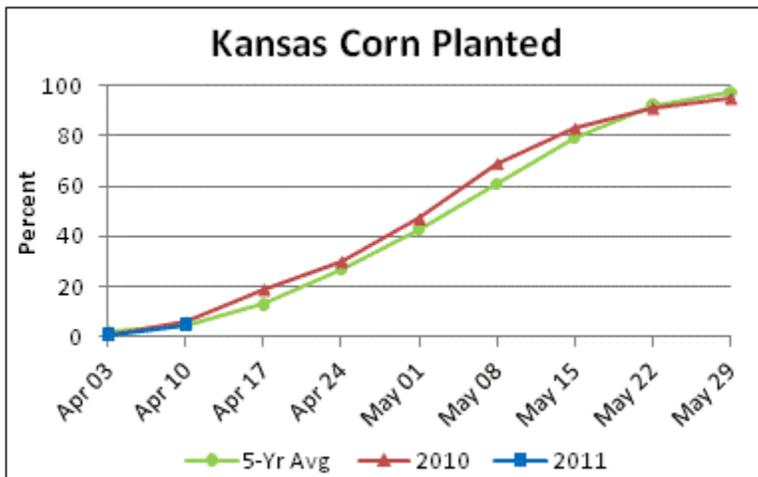
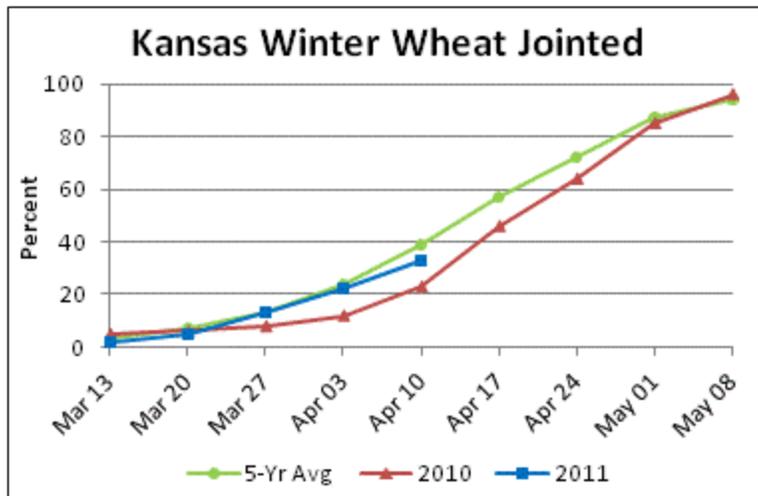
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	14	23	35	25	3
Range & Pasture	11	17	37	33	2

Feed and Water Supplies for the Week Ending April 10, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	1	5	87	7
Hay and Forage	2	9	84	5
Stock Water	4	15	78	3

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending April 10, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Days Suitable for Fieldwork	6.4	6.3	6.6	5.7	5.6	6.5	4.5	4.7	4.7	5.6	4.3	5.1	
Topsoil Moisture	Percent												
Very Short	39	48	69	7	8	14	0	0	1	20	18	2	
Short	46	42	24	28	37	46	7	2	6	24	23	5	
Adequate	15	10	7	64	50	40	85	93	81	52	51	75	
Surplus	0	0	0	1	5	0	8	5	12	4	8	18	
Subsoil Moisture	Percent												
Very Short	38	40	66	15	12	16	0	0	1	20	19	1	
Short	51	50	26	30	36	46	6	6	10	27	25	6	
Adequate	11	10	8	54	47	38	87	87	81	50	51	76	
Surplus	0	0	0	1	5	0	7	7	8	3	5	17	
Crop Progress	Percent												
Winter Wheat Jointed	25	3	28	10	39	67	7	20	72	33	22	23	
Corn Planted	0	0	2	1	9	11	5	8	16	5	1	6	



Temperature and Precipitation Data from April 4 – April 10, 2011 ^{1/}

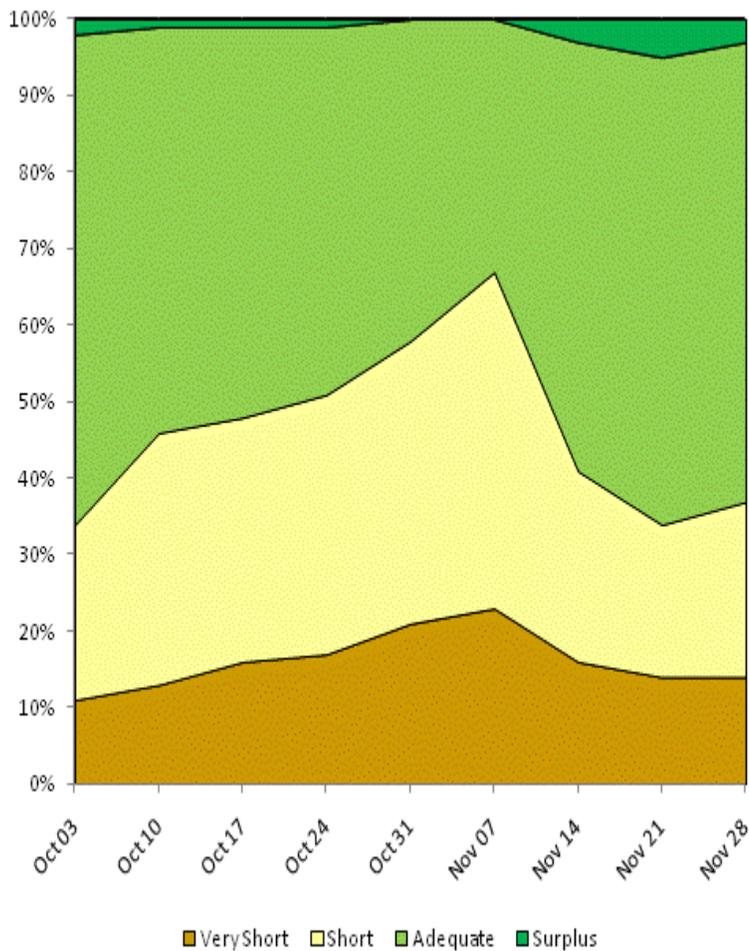
Location	Weekly Temperatures				Precipitation (in.)				Growing Degree Days* Since April 1	
	Extremes		Avg.	DFN	Last Week		Since January 1		Total	DFN
	High	Low			Total	DFN	Total	DFN		
Northwest District										
Colby	90	26	54	+9	0.00	-0.35	0.99	-1.57	54	+54
Goodland	85	26	54	+9	0.03	-0.25	1.67	-0.80	62	+56
Hill City	93	30	58	+10	0.01	-0.41	1.63	-2.15	80	+60
McDonald	88	26	53	+8	0.06	-0.33	1.89	-1.37	44	+42
Oberlin	90	27	54	+7	0.04	-0.38	2.09	-1.28	46	+36
West Central District										
Healy	93	29	58	+10	0.00	-0.37	1.92	-1.41	83	+63
Quinter	91	29	56	+8	0.04	-0.38	2.38	-1.34	62	+47
Russell Springs	91	28	55	+8	0.00	-0.28	1.62	-1.02	70	+55
Tribune	88	24	55	+9	0.00	-0.22	1.86	-0.67	72	+64
Southwest District										
Ashland	97	23	61	+10	0.00	-0.36	1.72	-1.79	104	+65
Dodge City	94	32	62	+13	0.01	-0.41	1.37	-2.31	123	+95
Elkhart	89	34	59	+9	0.00	-0.35	0.52	-2.34	97	+64
Garden City	91	27	57	+8	0.06	-0.23	1.39	-1.31	80	+54
Johnson	89	29	57	+6	0.01	-0.20	0.61	-1.02	86	+48
Liberal	93	28	62	+11	0.00	-0.28	0.44	-2.60	119	+80
North Central District										
Alton	93	22	56	+8	0.00	-0.54	1.84	-2.55	61	+37
Belleville	89	31	55	+6	0.11	-0.45	1.56	-3.16	54	+27
Beloit	90	29	55	+5	0.00	-0.49	2.29	-2.12	64	+30
Clay Center	87	30	55	+2	0.15	-0.41	2.42	-2.47	53	+6
Concordia	88	34	58	+9	0.03	-0.46	2.37	-2.10	93	+64
Phillipsburg	91	29	55	+7	0.09	-0.36	2.43	-1.06	55	+31
Central District										
Ellsworth	91	33	58	+9	0.01	-0.48	2.97	-1.77	69	+44
Great Bend	95	30	62	+10	0.06	-0.43	1.55	-2.84	116	+71
Hays	94	30	59	+10	0.01	-0.46	1.62	-2.21	84	+54
Herington	89	29	58	+8	0.43	-0.27	4.06	-2.11	76	+46
McPherson	92	28	58	+8	0.12	-0.44	2.62	-2.81	74	+42
Salina	92	28	61	+10	0.09	-0.54	2.24	-3.14	114	+75
South Central District										
Anthony	90	30	62	+10	0.25	-0.45	3.01	-2.98	109	+66
Hutchinson	95	28	64	+14	0.09	-0.53	2.22	-3.15	141	+106
Medicine Lodge	99	28	66	+15	0.00	-0.58	2.18	-2.86	155	+116
Newton	88	34	64	+12	0.20	-0.38	2.57	-2.68	130	+91
Pratt	93	30	61	+8	0.17	-0.43	2.83	-2.05	100	+51
Wichita	90	30	65	+13	0.02	-0.54	2.85	-2.54	146	+102
Wilmore	97	25	61	+10	0.00	-0.49	1.44	-2.79	106	+67
Northeast District										
Holton	89	27	56	+8	0.52	-0.21	4.28	-1.32	67	+41
Horton	90	28	58	+6	0.42	-0.34	3.85	-1.83	71	+32
Leavenworth	90	32	58	+8	2.30	+1.53	7.74	+1.49	68	+37
Manhattan	92	32	58	+6	0.21	-0.42	3.02	-2.33	74	+33
Valley Falls	91	29	57	+6	0.78	+0.15	4.62	-1.07	67	+28
East Central District										
Emporia	89	31	63	+13	0.44	-0.19	5.23	-0.28	119	+87
Eskridge	88	34	57	+8	0.73	+0.03	5.55	-0.23	65	+40
Garnett	88	30	61	+7	0.84	+0.07	7.45	+0.54	92	+41
Lawrence	89	34	59	+5	0.28	-0.49	7.25	+1.00	83	+32
Ottawa	88	28	59	+5	0.68	-0.09	7.79	+1.19	78	+25
Tallgrass Prairie	90	29	61	+11	0.68	+0.05	4.73	-1.03	95	+64
Topeka	92	29	62	+11	0.32	-0.38	5.22	-0.16	109	+74
Southeast District										
Columbus	87	33	63	+10	0.41	-0.49	8.35	+0.08	104	+61
Howard	89	32	62	+10	0.67	-0.03	5.66	-0.83	91	+50
Iola	87	31	62	+10	0.37	-0.44	6.58	-0.73	101	+62
Parsons	84	29	60	+8	1.25	+0.41	8.32	+0.60	92	+50
Pittsburg	89	34	63	+10	1.47	+0.62	11.53	+2.96	107	+60
Winfield-Arkansas City	88	27	67	+14	0.95	+0.25	3.40	-3.50	158	+117

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

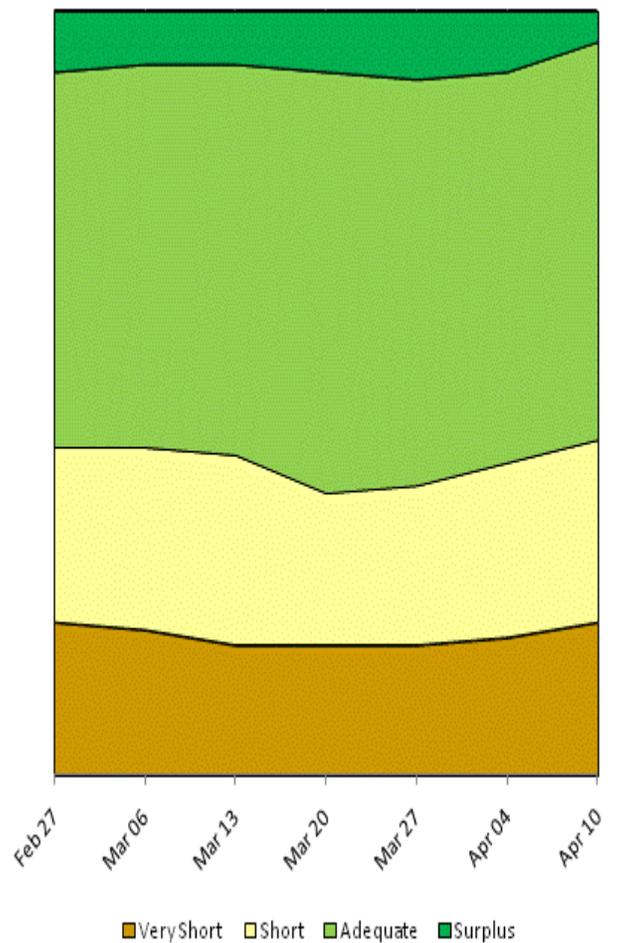
* Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50

^{1/} 7:00 a.m. Sunday to 7:00 a.m. Sunday.

Kansas Topsoil Moisture Fall 2010



Kansas Topsoil Moisture Spring 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

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