



Crop Progress & Condition

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the month of December 2010

Agricultural Summary: The month of December in Kansas remained very dry across all counties. Only two locations reported greater than half an inch of precipitation, Columbus with 0.69 inch and Iola with 0.54 inch, both in the Southeast District. The temperatures ranged widely during the month, with the western third of the state being above average while the eastern third was below average. The highs were mostly in the 60's with a few stations reaching up into the 70's, while the lows were in the teens to near zero. Only Goodland reported a low below zero with -2 degrees. There was an average of 20 days suitable for field work during December due to the dry weather and warm temperatures during the month. Topsoil moisture supplies declined during the month and were rated 23 percent very short, 39 percent short, 37 percent adequate, and 1 percent surplus as of Sunday. Producers have been able to take advantage of the dry December weather to get tillage and fertilizer applications done.

Annual Summary: For 2010, the Leavenworth station reported the most precipitation during the year at 47 inches, 6.34 inches above the normal annual total. On the other end of the spectrum, Elkhart received 11.74 inches, the lowest in the state of Kansas and 7.14 inches below normal.

Field Crop Report: The lack of snow cover on wheat fields and the dry soil conditions have some producers concerned that their winter wheat crop is vulnerable to wind and freeze damage. The condition of the **winter wheat** crop declined to 11 percent very poor, 22 percent poor, 40 percent fair, 25 percent good and 2 percent excellent at the end of December. Wind damage to the crop is rated as 85 percent of the acreage with no damage, 13 percent with light damage, and 2 percent with moderate damage. Freeze damage to the winter wheat is rated as 93 percent with no damage, 6 percent with light damage, and 1 percent with moderate damage. Cotton harvest finished during December with reports of high quality cotton being ginned.

Feed Supplies Report: With the dry weather, range and pasture condition declined to 11 percent very poor, 19 percent poor, 43 percent fair, 26 percent good, and 1 percent excellent. The feed grain supplies in Kansas were rated as 4 percent short, 85 percent adequate, and 11 percent surplus. Hay and forage supplies were rated as 1 percent very short, 7 percent short, 83 percent adequate, and 9 percent surplus. Stock water supplies were rated as 4 percent very short, 16 percent short, 78 percent adequate, and 2 percent surplus. The dry conditions have been favorable for cattle as fields and pastures have not been muddy. Cattle are still being grazed on crop residue reducing the need for supplemental feeding.

Kansas Wheat Conditions as of January 2, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	11	22	40	25	2
Range & Pasture	11	19	43	26	1

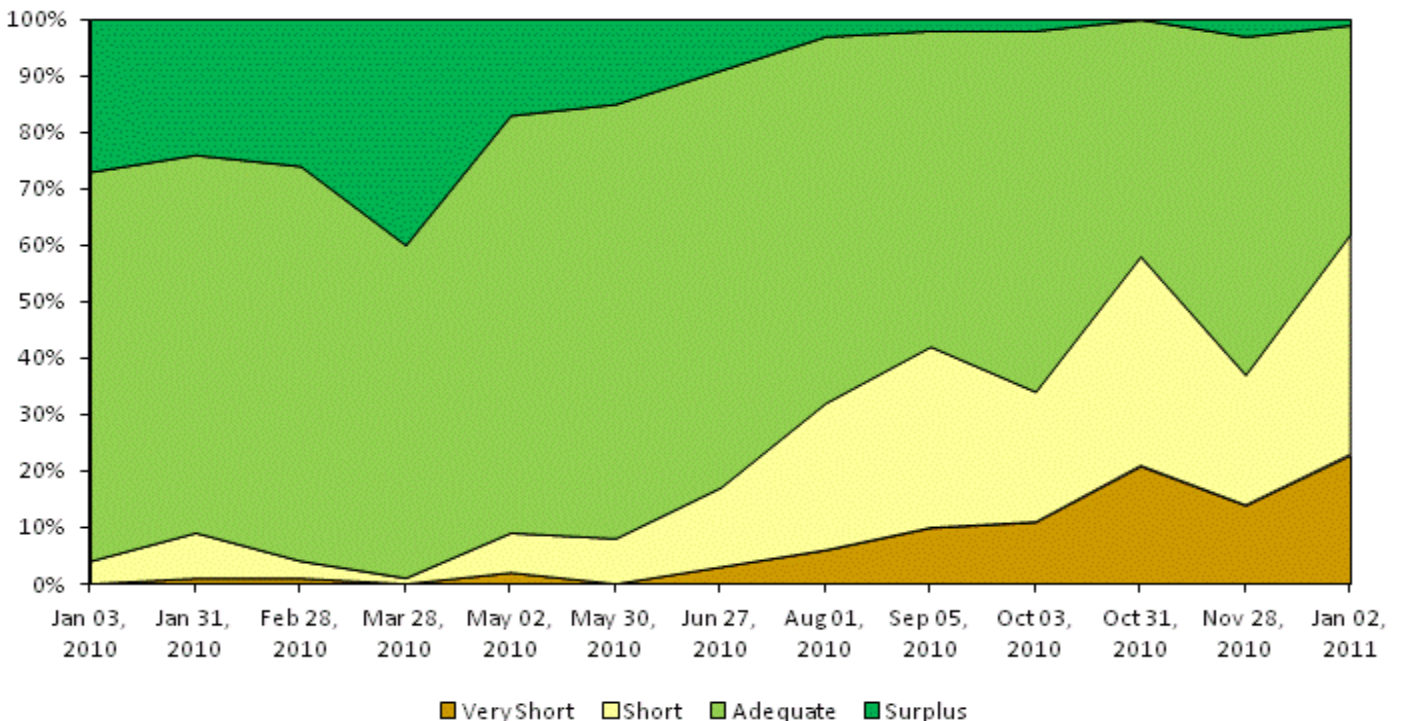
Feed and Water Supplies as of January 2, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	0	4	85	11
Hay and Forage	1	7	83	9
Stock Water	4	16	78	2

Wheat Wind and Freeze Damage as of January 2, 2011

Type	None	Light	Moderate	Severe
	Percent			
Wind Damage	85	13	2	0
Freeze Damage	93	6	1	0

Kansas Topsoil Moisture Monthly 2010



Temperature and Precipitation Data for December 2010

Location	Monthly Temperatures				Precipitation (in.)				Days in Dec. with Temps. Below	
	Extremes		Avg.	DFN	December		Since Jan. 1, 2010		32° F	28° F
	High	Low			Total	DFN	Total	DFN		
Northwest District										
Colby	65	1	31	+4	0.22	-0.14	18.97	-1.76	31	31
Goodland	65	-2	33	+4	0.13	-0.27	21.57	+1.82	31	31
Hill City	64	1	31	+2	0.04	-0.47	16.78	-5.27	30	28
McDonald	67	1	32	+3	0.49	0.00	20.65	-1.19	31	29
Oberlin	64	2	29	-1	0.43	-0.05	21.79	-0.80	31	31
West Central District										
Healy	67	3	33	+3	0.21	-0.31	20.12	-1.33	31	31
Quinter	63	3	31	+2	0.20	-0.36	25.77	+1.53	31	30
Russell Springs	70	3	32	+3	0.17	-0.17	16.17	-2.58	31	31
Tribune	74	2	34	+5	0.26	-0.11	18.81	+1.48	31	31
Southwest District										
Ashland	67	8	34	+2	0.25	-0.48	19.22	-3.95	30	28
Dodge City	66	11	35	+4	0.41	-0.16	25.29	+2.24	29	20
Elkhart	73	10	38	+5	0.17	-0.31	11.74	-7.14	28	26
Garden City	67	7	33	+3	0.15	-0.26	16.78	-1.87	31	30
Johnson	73	8	36	+3	0.18	-0.04	14.19	-0.41	30	26
Liberal	72	12	38	+4	0.14	-0.40	12.65	-7.08	27	22
North Central District										
Alton	65	2	29	-1	0.11	-0.65	30.69	+3.98	31	31
Belleville	62	6	28	-2	0.02	-0.94	31.12	+0.23	30	30
Beloit	63	7	30	-1	0.06	-0.81	27.19	-0.31	30	30
Clay Center	61	8	29	-4	0.07	-0.92	30.85	-0.35	30	29
Concordia	62	8	31	+1	0.08	-0.78	31.97	+3.54	29	26
Phillipsburg	62	6	29	-1	0.14	-0.31	30.35	+6.88	31	31
Central District										
Ellsworth	63	9	31	+2	0.13	-0.67	23.66	-5.35	30	29
Great Bend	64	7	33	0	0.15	-0.71	20.10	-6.35	28	25
Hays	65	5	30	0	0.18	-0.47	23.38	+0.75	31	31
Herington	65	8	30	-1	0.04	-1.30	34.18	-1.78	30	28
McPherson	64	10	32	0	0.06	-0.89	32.42	+0.30	30	27
Salina	62	11	33	+1	0.06	-0.88	27.21	-4.98	28	24
South Central District										
Anthony	68	16	34	+1	0.04	-1.19	31.75	+0.08	28	24
Hutchinson	67	13	34	+3	0.05	-0.95	30.41	+0.09	28	23
Medicine Lodge	68	9	36	+3	0.14	-0.73	28.19	-0.32	28	21
Newton	66	10	34	+2	0.03	-1.13	28.54	-2.98	28	20
Pratt	66	9	33	-2	0.10	-0.88	28.80	+0.95	30	24
Wichita	68	15	35	+3	0.09	-1.26	27.97	-2.41	26	21
Wilmore	66	4	33	+2	0.23	-0.61	28.43	+3.93	30	30
Northeast District										
Holton	68	5	28	-3	0.04	-1.33	36.87	-0.48	30	30
Horton	68	5	28	-3	0.29	-1.08	42.35	+5.20	30	30
Leavenworth	67	8	31	0	0.35	-1.19	47.00	+6.34	29	24
Manhattan	66	7	31	-1	0.07	-0.99	31.23	-3.57	30	29
Valley Falls	69	7	30	-2	0.22	-1.30	44.68	+6.48	30	28
East Central District										
Emporia	69	7	33	+2	0.25	-0.99	35.54	+0.43	28	23
Eskridge	65	4	29	-2	0.08	-1.07	40.89	+5.58	30	29
Garnett	67	7	31	-4	0.36	-1.48	45.06	+5.19	30	27
Lawrence	68	7	31	-3	0.20	-1.60	37.77	-1.90	28	27
Ottawa	68	7	30	-5	0.27	-1.47	39.44	+0.39	30	29
Tallgrass Prairie	68	8	31	-2	0.05	-1.27	32.40	-3.48	30	27
Topeka	71	7	34	+3	0.19	-1.31	35.72	-1.59	26	24
Southeast District										
Columbus	67	11	34	-2	0.69	-1.67	40.05	-4.27	28	21
Howard	70	9	32	-3	0.15	-1.68	39.36	+1.47	30	29
Iola	68	8	32	-2	0.54	-1.19	40.13	-1.71	28	24
Parsons	68	9	33	-3	0.47	-1.56	40.48	-1.41	28	24
Pittsburg	67	11	34	-2	0.42	-1.95	39.31	-6.68	26	21
Winfield	70	14	36	+3	0.18	-1.59	30.47	-7.17	24	18

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