



# Crop Progress & Condition

## Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending March 27, 2011

**Agricultural Summary:** High winds combined with warmer temperatures and a lack of precipitation last week continue to worsen the already dry conditions over most of Kansas. The Western Districts remain very dry, with reports of burn bans and grass fires in several areas, while locations in the Southeast and East Central Districts did receive some precipitation. Only 6 of the 52 reporting stations had greater than half an inch of moisture, led by Columbus with 1.47 inches, Pittsburg with 0.98 inch, and Howard with 0.72 inch, all in the Southeast District. Thirty-two stations reported receiving less than one-tenth of an inch. For a second week in a row temperatures were above average across Kansas. Highs reached the upper 70's and 80's, while lows ranged from the teens to low 30's. There was an average of 4.5 days suitable for field work last week, the most so far this year. Topsoil moisture supplies statewide were 17 percent very short, 21 percent short, 53 percent adequate, and 9 percent surplus as of Sunday. Topsoil moisture ratings continued to vary widely between eastern areas which are mostly adequate to surplus and western areas which are mostly short to very short. Kansas subsoil moisture supplies were rated as 19 percent very short, 25 percent short, 53 percent adequate, and 3 percent surplus. Fieldwork last week included preparing fields for row crop planting, applying fertilizer and chemicals, and burning CRP and pasture when wind conditions allowed.

**Field Crop Report:** The warm temperatures last week helped the winter wheat crop emerge from winter dormancy, as jointing advanced 8 points, but the crop remains in need of spring moisture. The **winter wheat** is 13 percent jointed as of Sunday, ahead of last year at 8 percent but the same as the 5-year average. The condition of the crop again showed slight improvement and was rated at 13 percent very poor, 22 percent poor, 34 percent fair, 27 percent good and 4 percent excellent. Winterkill was rated at 2 percent moderate, 12 percent light, and 86 percent with no damage. Wind damage to the crop increased with the high winds statewide to 1 percent severe, 2 percent moderate, 16 percent light, and 81 percent with none. Conversely, the freeze damage decreased to 3 percent moderate, 13 percent light, and 84 percent with none. Small amounts of insect damage have been detected and were rated 6 percent light and 94 percent no damage, while disease infestation worsened to 9 percent light damage and 91 percent with none.

**Feed Supplies Report:** Range and pasture condition was rated at 10 percent very poor, 19 percent poor, 38 percent

fair, 31 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 as 2 percent very short, 9 percent short, 84 percent adequate, and 5 percent surplus. Stock water supplies were 3 percent very short, 13 percent short, 80 percent adequate, and 4 percent surplus. Spring calving continues to move along without any major problems, as a few ranchers are already turning some cattle out to grass.

### Kansas Crop Conditions for the Week Ending March 27, 2011

Crop	Very Poor Poor Fair Good Excellent				
	Percent				
Winter Wheat	13	22	34	27	4
Range & Pasture	10	19	38	31	2

### Kansas Crop Progress for the Week Ending March 27, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Winter Wheat Jointed	13	5	8	13

### Feed and Water Supplies for the Week Ending March 27, 2011

Type	Very Short Short Adequate Surplus			
	Percent			
Feed Grain	1	5	88	6
Hay and Forage	2	9	84	5
Stock Water	3	13	80	4

### Wheat Damage for the Week Ending March 27, 2011

Type	None	Light	Moderate	Severe
	Percent			
Winterkill	86	12	2	0
Wind Damage	81	16	2	1
Freeze Damage	84	13	3	0
Insect Damage	94	6	0	0
Disease Damage	91	9	0	0

### Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending March 27, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	LAST STATE	LAST WEEK	LAST YEAR
	Percent											
Days Suitable for Fieldwork	5.3	5.7	5.9	4.3	4.1	6.0	3.4	2.6	3.4	4.5	4.2	1.8
Topsoil Moisture	Percent											
Very Short	36	48	63	4	6	6	0	0	1	17	17	0
Short	52	41	28	17	26	34	3	2	2	21	20	1
Adequate	12	11	9	75	62	58	88	84	62	53	55	59
Surplus	0	0	0	4	6	2	9	14	35	9	8	40
Subsoil Moisture	Percent											
Very Short	39	41	67	12	11	9	0	0	0	19	18	1
Short	52	49	25	22	36	43	6	4	8	25	25	3
Adequate	9	10	8	64	51	48	89	92	78	53	53	65
Surplus	0	0	0	2	2	0	5	4	14	3	4	31
Crop Progress	Percent											
Winter Wheat Jointed	17	1	9	0	10	30	1	5	32	13	5	8

**Temperature and Precipitation Data from March 21 - March 27, 2011**

Location	Weekly Temperatures				Precipitation (in.)			
	Extremes		Avg.	DFN	Last Week		Since January 1	
	High	Low			Total	DFN	Total	DFN
<b>Northwest District</b>								
Colby	84	17	45	+4	0.00	-0.29	0.87	-0.99
Goodland	84	19	44	+3	0.00	-0.28	1.24	-0.67
Hill City	85	17	49	+6	0.04	-0.43	1.12	-1.82
McDonald	77	16	44	+3	0.00	-0.40	1.49	-1.01
Oberlin	82	17	44	+3	0.00	-0.42	1.73	-0.80
<b>West Central District</b>								
Healy	87	20	46	+4	0.00	-0.42	1.51	-1.07
Quinter	84	19	47	+4	0.00	-0.48	2.01	-0.87
Russell Springs	85	17	45	+3	0.04	-0.31	1.37	-0.71
Tribune	85	17	47	+5	0.05	-0.23	1.41	-0.62
<b>Southwest District</b>								
Ashland	86	27	51	+5	0.00	-0.44	1.69	-1.04
Dodge City	83	21	51	+6	0.00	-0.47	1.32	-1.52
Elkhart	84	26	52	+6	0.05	-0.30	0.50	-1.66
Garden City	84	20	49	+5	0.06	-0.29	1.22	-0.86
Johnson	85	23	50	+2	0.10	-0.11	0.53	-0.68
Liberal	84	25	53	+7	0.00	-0.35	0.44	-1.97
<b>North Central District</b>								
Alton	84	16	46	+3	0.03	-0.53	1.60	-1.69
Belleville	80	25	47	+3	0.06	-0.57	1.34	-2.22
Beloit	84	24	49	+4	0.05	-0.51	2.02	-1.35
Clay Center	84	30	50	+3	0.05	-0.55	2.27	-1.50
Concordia	83	25	50	+5	0.08	-0.51	2.32	-1.10
Phillipsburg	78	20	45	+2	0.10	-0.39	1.98	-0.57
<b>Central District</b>								
Ellsworth	84	24	49	+5	0.03	-0.56	2.51	-1.21
Great Bend	82	23	51	+3	0.00	-0.54	1.35	-2.06
Hays	84	23	49	+5	0.00	-0.49	1.17	-1.70
Herington	82	28	50	+6	0.06	-0.69	3.40	-1.36
McPherson	84	25	50	+5	0.04	-0.65	2.15	-2.09
Salina	83	25	52	+5	0.02	-0.61	1.67	-2.45
<b>South Central District</b>								
Anthony	83	28	53	+5	0.09	-0.68	2.72	-1.85
Hutchinson	86	27	53	+7	0.04	-0.63	2.08	-2.04
Medicine Lodge	87	27	54	+7	0.14	-0.49	2.15	-1.68
Newton	82	25	52	+5	0.15	-0.52	2.33	-1.71
Pratt	84	26	51	+3	0.04	-0.56	2.85	-0.81
Wichita	85	30	55	+7	0.15	-0.51	2.81	-1.40
Wilmore	87	25	52	+5	0.00	-0.49	1.40	-1.85
<b>Northeast District</b>								
Holton	81	30	48	+4	0.24	-0.39	3.66	-0.51
Horton	82	30	50	+3	0.30	-0.33	3.43	-0.79
Leavenworth	81	32	51	+6	0.53	-0.17	5.41	+0.70
Manhattan	85	31	51	+4	0.07	-0.56	2.69	-1.40
Valley Falls	82	32	51	+5	0.13	-0.50	3.63	-0.80
<b>East Central District</b>								
Emporia	82	31	53	+7	0.12	-0.51	4.66	+0.41
Eskridge	80	28	49	+6	0.20	-0.50	4.47	+0.09
Garnett	79	30	51	+3	0.42	-0.30	6.41	+1.04
Lawrence	80	32	51	+2	0.70	0.00	6.71	+1.93
Ottawa	80	31	51	+2	0.19	-0.55	6.91	+1.84
Tallgrass Prairie	83	29	52	+7	0.06	-0.64	3.84	-0.62
Topeka	83	33	53	+7	0.16	-0.47	4.50	+0.45
<b>Southeast District</b>								
Columbus	78	32	54	+6	1.47	+0.63	7.54	+1.01
Howard	85	28	52	+5	0.72	+0.02	4.86	-0.23
Iola	79	31	52	+5	0.28	-0.52	5.97	+0.29
Parsons	78	30	53	+5	0.66	-0.17	6.59	+0.55
Pittsburg	77	32	54	+5	0.98	+0.07	9.05	+2.24
Winfield	85	27	55	+8	0.07	-0.67	2.40	-3.10

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

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,  
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