



Crop Progress & Condition

Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending March 20, 2011

Agricultural Summary: Dry conditions continue throughout many areas of Kansas as modest rainfall was short of the much needed moisture last week. Precipitation was heaviest in the Southeast and East Central, with the Western Districts receiving little to no moisture. Seven of the 52 reporting stations had an inch or greater led by Pittsburg with 1.99 inches, Garnett with 1.62 inches, and Eskridge with 1.51 inches. However, 13 stations received less than one-tenth of an inch. Temperatures were above average across most of the State, with only Clay Center being below average. Highs reached the 70's to mid 80's across Kansas, while lows ranged from the high teens to low 30's. There was an average of 4.2 days suitable for field work last week, the most so far this year. Topsoil moisture supplies statewide improved to 17 percent very short, 20 percent short, 55 percent adequate, and 8 percent surplus as of Sunday. The Western Districts remain in need of moisture as the topsoil conditions in all three districts are 86 percent or greater in the short and very short categories. Kansas subsoil moisture supplies were rated as 18 percent very short, 25 percent short, 53 percent adequate, and 4 percent surplus. Fieldwork for the previous week included spring tillage, applying fertilizer and chemicals, along with burning of CRP and pastures.

Field Crop Report: The winter wheat condition is still improving with the warm weather and moisture as the crop continues to come out of winter dormancy. The **winter wheat** is 5 percent jointed as of Sunday, behind last year at 6 percent and the 5-year average of 7 percent. The condition of the crop showed limited improvement with weather last week and was rated at 14 percent very poor, 23 percent poor, 36 percent fair, 25 percent good and 2 percent excellent. Winterkill was rated at 1 percent severe, 3 percent moderate, 11 percent light, and 85 percent with no damage. Wind damage to the crop declined to 2 percent moderate, 15 percent light, and 83 percent with none, as did the freeze damage at 1 percent severe, 3 percent moderate, 15 percent light, and 81 percent with none. Small amounts of insect damage have been detected and were rated 5 percent light and 95 percent no damage. Disease infestation similarly was rated 6 percent light damage and 94 percent with none.

Feed Supplies Report: Range and pasture condition is rated at 10 percent very poor, 19 percent poor, 41 percent

fair, 28 percent good, and 2 percent excellent. The feed grain supplies in Kansas were rated as 1 percent very short, 4 percent short, 88 percent adequate, and 7 percent surplus. Hay and forage supplies were rated as 1 percent very short, 9 percent short, 85 percent adequate, and 5 percent surplus. Stock water supplies were 4 percent very short, 13 percent short, 79 percent adequate, and 4 percent surplus. Livestock activities are primarily focused on calving and supplemental feeding, along with burning pastures in preparation for grazing.

Kansas Crop Conditions for the Week Ending March 20, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	14	23	36	25	2
Range & Pasture	10	19	41	28	2

Kansas Crop Progress for the Week Ending March 20, 2011

Crop	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Winter Wheat Jointed	5	2	6	7

Feed and Water Supplies for the Week Ending March 20, 2011

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	1	4	88	7
Hay and Forage	1	9	85	5
Stock Water	4	13	79	4

Wheat Damage for the Week Ending March 20, 2011

Type	None	Light	Moderate	Severe
	Percent			
Winter Kill	85	11	3	1
Wind Damage	83	15	2	0
Freeze Damage	81	15	3	1
Insect Damage	95	5	0	0
Disease Damage	94	6	0	0

Days Suitable, Soil Moisture, and Crop Progress by District for the Week Ending March 20, 2011

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR
	Percent											
Days Suitable for Fieldwork	5.8	6.6	6.4	3.6	3.3	5.8	2.8	2.2	2.2	4.2	3.1	2.0
Topsoil Moisture	Percent											
Very Short	42	51	61	2	7	2	0	0	1	17	17	1
Short	44	39	29	17	27	31	2	2	6	20	25	1
Adequate	14	10	10	77	61	66	93	83	63	55	51	62
Surplus	0	0	0	4	5	1	5	15	30	8	7	36
Subsoil Moisture	Percent											
Very Short	44	41	60	11	10	7	0	0	0	18	19	1
Short	44	49	31	24	38	38	4	5	10	25	27	4
Adequate	12	10	9	63	50	55	94	86	77	53	51	68
Surplus	0	0	0	2	2	0	2	9	13	4	3	27
Crop Progress	Percent											
Wheat Jointed	10	0	4	0	2	12	1	4	18	5	2	6

Temperature and Precipitation Data from March 14 - March 20, 2011

Location	Weekly Temperatures				Precipitation (in.)			
	Extremes		Avg.	DFN	Last Week		Since January 1	
	High	Low			Total	DFN	Total	DFN
Northwest District								
Colby	79	18	45	+7	0.00	-0.28	0.87	-0.70
Goodland	76	24	47	+8	0.00	-0.28	1.24	-0.39
Hill City	81	28	50	+9	0.00	-0.44	1.08	-1.39
McDonald	77	23	47	+8	0.01	-0.34	1.49	-0.61
Oberlin	79	26	47	+7	0.00	-0.40	1.73	-0.38
West Central District								
Healy	83	28	47	+7	0.00	-0.37	1.51	-0.65
Quinter	79	27	47	+7	0.12	-0.30	2.01	-0.39
Russell Springs	81	18	46	+6	0.00	-0.35	1.33	-0.40
Tribune	80	20	47	+8	0.00	-0.28	1.36	-0.39
Southwest District								
Ashland	81	28	49	+5	0.69	+0.26	1.69	-0.60
Dodge City	79	32	51	+8	0.31	-0.11	1.32	-1.05
Elkhart	82	29	52	+8	0.00	-0.35	0.45	-1.36
Garden City	83	30	49	+7	0.08	-0.26	1.24	-0.49
Johnson	84	29	49	+4	0.00	-0.14	0.43	-0.57
Liberal	84	34	53	+9	0.00	-0.36	0.44	-1.62
North Central District								
Alton	79	25	45	+5	0.16	-0.37	1.57	-1.16
Belleville	73	25	46	+5	0.28	-0.30	1.28	-1.65
Beloit	75	27	47	+4	0.27	-0.29	1.97	-0.84
Clay Center	73	22	44	-2	0.65	+0.09	2.22	-0.95
Concordia	72	27	49	+6	0.34	-0.22	2.24	-0.59
Phillipsburg	77	27	46	+6	0.19	-0.29	1.88	-0.18
Central District								
Ellsworth	74	29	47	+6	0.94	+0.33	2.48	-0.65
Great Bend	73	30	49	+5	0.53	+0.03	1.35	-1.52
Hays	78	29	48	+6	0.04	-0.45	1.17	-1.21
Herington	75	23	46	+3	1.10	+0.40	3.34	-0.67
McPherson	74	27	47	+5	0.64	-0.05	2.11	-1.44
Salina	74	26	50	+5	0.41	-0.22	1.65	-1.84
South Central District								
Anthony	80	31	51	+6	0.23	-0.47	2.63	-1.17
Hutchinson	78	24	51	+8	0.43	-0.20	2.04	-1.41
Medicine Lodge	78	30	53	+9	0.22	-0.37	2.01	-1.19
Newton	75	28	50	+6	0.19	-0.44	2.18	-1.19
Pratt	76	29	49	+3	0.46	-0.10	2.81	-0.25
Wichita	80	26	53	+8	0.14	-0.51	2.66	-0.89
Wilmore	79	29	51	+7	0.23	-0.26	1.40	-1.36
Northeast District								
Holton	76	19	44	+3	0.60	+0.02	3.42	-0.12
Horton	77	23	47	+3	0.46	-0.11	3.13	-0.46
Leavenworth	77	25	47	+5	0.59	-0.07	4.88	+0.87
Manhattan	76	27	47	+3	0.92	+0.29	2.62	-0.84
Valley Falls	78	27	47	+4	0.61	-0.02	3.50	-0.30
East Central District								
Emporia	80	28	51	+7	0.82	+0.19	4.54	+0.92
Eskridge	76	27	46	+4	1.51	+0.82	4.27	+0.59
Garnett	80	28	48	+2	1.62	+0.93	5.99	+1.34
Lawrence	78	28	48	+2	0.64	-0.01	6.01	+1.93
Ottawa	79	27	47	+1	1.09	+0.39	6.72	+2.39
Tallgrass Prairie	81	25	49	+6	0.44	-0.24	3.78	+0.02
Topeka	81	25	51	+8	0.85	+0.26	4.34	+0.92
Southeast District								
Columbus	76	31	51	+5	1.04	+0.25	6.07	+0.38
Howard	81	28	50	+5	0.55	-0.15	4.14	-0.25
Iola	81	30	49	+4	0.67	-0.10	5.69	+0.81
Parsons	79	26	49	+3	1.30	+0.53	5.93	+0.72
Pittsburg	76	31	51	+5	1.99	+1.13	8.07	+2.17
Winfield	83	26	55	+9	0.22	-0.48	2.33	-2.43

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

**This is a cooperative effort with Kansas State Research & Extension Service,
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