



# CROP WEATHER

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**Agricultural Summary:** Widespread storm activity limited fieldwork last week to 3.6 days for the State average. Tornado and wind damage, heavy hail, and flooding were reported in a number of counties. Precipitation ranged from a few hundredths in the most northerly counties to as high as 5.97 inches in Chautauqua County and 8.26 inches in Meade County. Rainfall was badly needed in a number of dryland wheat areas where wheat conditions improved somewhat. Statewide, topsoil moisture is rated 4 percent very short, 7 percent short, 71 percent adequate, and 18 percent surplus. Subsoil moisture is rated 13 percent very short, 29 percent short, 50 percent adequate, and 8 percent surplus.

**Field Crop Report:** Wheat condition is reported to be 6 percent very poor, 14 percent poor, 29 percent fair, 39 percent good, and 12 percent excellent. Wheat heading continued to make excellent progress and 88 percent of the wheat is headed, compared to 76 percent last year and 80 percent for the 5-year average. Insect infestation reports indicate 68 percent of the wheat with none, 24 percent with light infestation, 7 percent moderate, and 1 percent with severe infestation. Several counties reported stripe rust, wheat streak, or tan spot. Wilson County had several reports of wheat smut. Statewide, 90 percent of the corn is planted, compared with 93 percent for last year and 91 percent for the 5-year average. Corn emergence is 62 percent, compared with 66 percent for both last year and the 5-year average. Corn condition is rated 2 percent poor, 41 percent fair, 53 percent good, and 4 percent excellent. Twenty-five percent of the soybeans have been planted, compared to 25 percent last year and 39 percent for the 5-year average. Eleven percent of soybeans have emerged, compared to 13 percent last year and 19 percent for the 5-year average. Fifteen percent of the sorghum has been planted, compared to 20 percent for last year and 22 percent for the 5-year average. Five percent of sorghum has emerged, compared to 9 percent last year. Five percent of the sunflowers have been planted, compared to 6 percent last year and 9 percent for the 5-year average. Twenty-four percent of the first cutting alfalfa has been harvested, compared to 15 percent last year and 36 percent for the 5-year average. Cotton planting is about 10 percent completed in the Southwest portion of the State and about 15 percent planted in South Central Kansas. Condition in the Southwest is mostly good while the South Central reported 25 percent fair and 75 percent good.

**Pasture and Range Report:** Range and pasture conditions are rated 13 percent very poor, 23 percent poor, 33 percent fair, 25 percent good, and 6 percent excellent. Stock water supplies also improved and are rated 7 percent very short, 21 percent short, 66 percent adequate, and 6 percent surplus. Feed grain supplies are mostly unchanged and are rated 4 percent very short, 19 percent short, 75 percent adequate, and 2 percent surplus. Hay and forage supplies are rated 7 percent very short, 28 percent short, 64 percent adequate, and 1 percent surplus.

**Cooperating Agencies**  
**Kansas State Research & Extension Service**  
**Weather Data Library, KSU Research and Extension Service**  
**Kansas Department of Agriculture**

CROP CONDITIONS FOR WEEK ENDING 05/18/03

	Very Poor	Poor	Fair	Good	Excellent
Wheat	6	14	29	39	12
Corn	0	2	41	53	4
Range & Pasture	13	23	33	25	6

CROP PROGRESS BY AGRICULTURAL STATISTICS DISTRICT AS OF 05/18/03

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	5-YR AVG.
Wheat Headed	80	79	94	84	91	99	86	95	97	88	65	76	80
Sorg Planted	2	9	25	11	17	17	12	12	20	15	10	20	22
Corn Planted	72	87	96	83	98	96	98	98	96	90	80	93	91
Corn Emerged	27	41	64	56	83	79	69	87	95	62	42	66	66
Soyb Planted	8	29	49	23	29	47	38	14	19	25	13	25	39
Soyb Emerged	0	1	16	4	15	20	18	5	10	11	3	13	19

SOIL MOISTURE CONDITIONS FOR WEEK ENDING 05/18/03

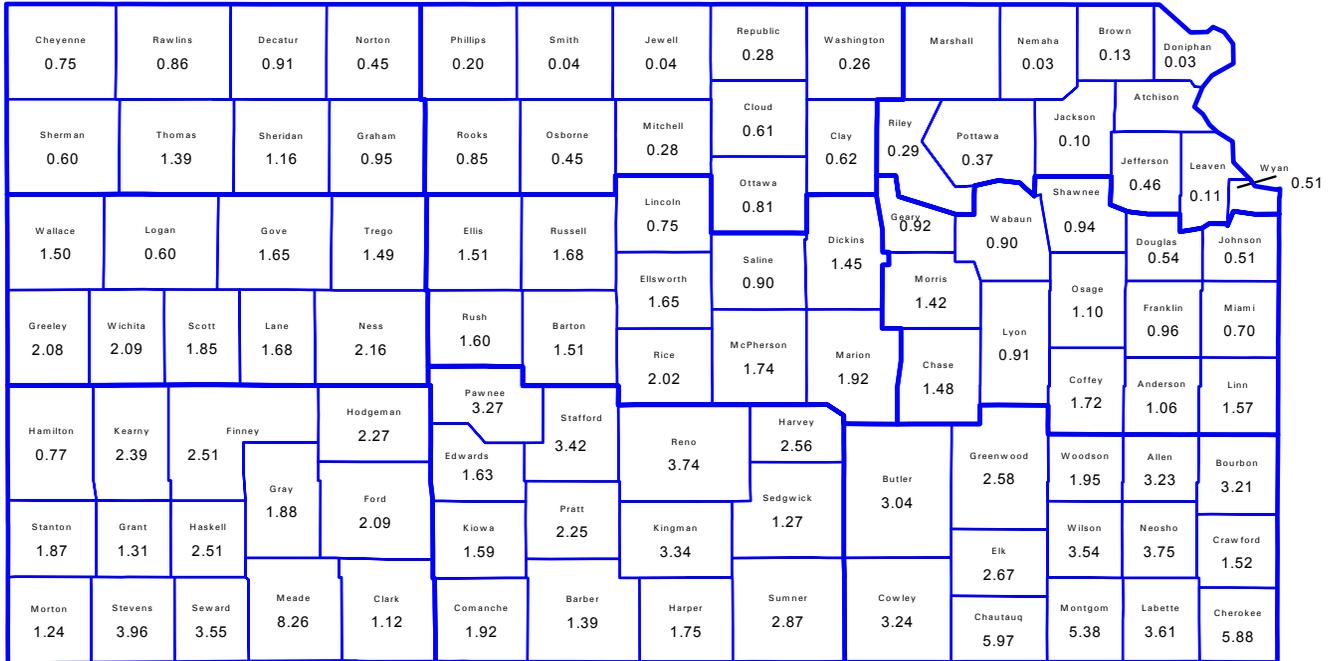
	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Suit. for Fieldwork	4.0	4.3	4.7	4.6	2.9	4.2	5.0	2.5	1.6	3.6	4.3	3.7	
<b>Topsoil Moisture (Percent)</b>													
Very Short	0	7	22	4	1	0	0	0	0	4	8	19	
Short	6	19	20	16	3	2	4	1	0	7	14	17	
Adequate	92	72	49	79	79	70	90	84	30	71	72	46	
Surplus	2	2	9	1	17	28	6	15	70	18	6	18	
<b>Subsoil Moisture (Percent)</b>													
Very Short	21	18	55	16	6	0	0	0	0	13	16	24	
Short	46	50	26	60	31	13	29	20	0	29	32	28	
Adequate	33	31	13	24	60	85	69	80	53	50	51	43	
Surplus	0	1	6	0	3	2	2	0	47	8	1	5	

TEMP. AND PRECIP. DATA, SELECTED CITIES, FOR WEEK ENDING 05/18/03

		Soil Temp						Soil Temp					
Station		Air Temp		4 inch		Precip	Station		Air Temp		4 inch		Precip
Dist	City	Max	Min	Max	Min		Dist	City	Max	Min	Max	Min	
NW	Colby	89	42	73	53	1.22	SC	Hesston	79	43	86	53	2.03
WC	Tribune	83	41	70	53	1.73	NE	Powhatt	82	41	76	54	0.54
SW	Grdn Cty	84	44	82	56	1.84	NE	Manhat	84	43	70	57	0.56
NC	Scandia	79	41	75	50	0.01	EC	Ottawa	80	43	75	56	0.89
C	Hays	85	42	95	56	0.92	EC	Slvr Lk	82	42	79	63	0.54
SC	Hutch	80	40	72	60	0.86	EC	Rossvl	82	41	67	57	0.52
SC	St John	84	43	66	56	0.00	SE	Parsons	78	45	80	52	2.57

Data collected by Automated Stations and may differ from official stations as shown on the map below. Automated stations report through midnight on Sunday. Official reporting station data are through 8:00 a.m. Sunday. The map data are collected by individuals (one or more per county).

PRECIPITATION FOR WEEK ENDING MAY 18, 2003



Omission of an entry indicates report not received.