



CROP WEATHER

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Agricultural Summary: Widespread spring showers limited fieldwork to 2.1 days Statewide last week. The precipitation improved the crop and pasture outlook but additional moisture is needed. Because of the dry soil conditions before the rains there was little runoff for stock water. Subsoil moisture remains short to very short in most of Western, and North Central Kansas despite the recent rains. Topsoil moisture is rated 4 percent very short, 8 percent short, 75 percent adequate, and 13 percent surplus. Subsoil moisture is rated 15 percent very short, 36 percent short, and 49 percent adequate.

Field Crop Report: Wheat condition remained steady and is rated 4 percent very poor, 12 percent poor, 36 percent fair, 36 percent good, and 12 percent excellent. Eighty-six percent of the wheat is jointed, compared to 66 percent last year and 80 percent for the 5-year average. One percent of the wheat is headed, compared to 7 percent last year and 4 percent for the 5-year average. Wind damage estimates place 84 percent of the wheat with no damage, 13 percent with light damage and 3 percent with moderate damage. Reports of disease indicate 84 percent of the wheat with none, 14 percent as light presence, and 2 percent as moderate. Spraying for weeds continues. Statewide, 39 percent of corn is planted, compared with 46 percent for both last year and the 5-year average. Corn emergence is 16 percent, compared with 14 percent last year and 9 percent for the 5-year average. Some producers were spraying alfalfa for weevils.

Pasture and Range Report: Range and pasture conditions are rated 15 percent very poor, 26 percent poor, 34 percent fair, 21 percent good, and 4 percent excellent. Stockwater supplies are rated 11 percent very short, 26 percent short, 62 percent adequate, and 1 percent surplus. Feed grain supplies are rated 4 percent very short, 22 percent short, 73 percent adequate, and 1 percent surplus. Hay and forage supplies are rated 12 percent very short, 33 percent short, 54 percent adequate, and 1 percent surplus. Livestock movement to pasture continues while some areas are waiting for more growth.

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

CROP CONDITIONS FOR WEEK ENDING 04/27/03

	Very Poor	Poor	Fair	Good	Excellent
Wheat					
4/27/03	4	12	36	36	12
4/20/03	4	13	36	36	11
4/28/02	17	23	35	23	2
Range & Pasture	15	26	34	21	4

CROP PROGRESS BY AGRICULTURAL STATISTICS DISTRICT AS OF 04/27/03

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	5-YR AVG.
Wheat Joint	83	67	92	82	92	98	56	95	95	86	66	66	80
Corn Planted	9	12	21	29	52	36	48	82	94	39	27	46	46
Corn Emerged	0	0	1	7	25	17	13	33	76	16	4	14	9

SOIL MOISTURE CONDITIONS FOR WEEK ENDING 04/27/03

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Suit. for Fieldwork	2.7	2.9	5.0	2.7	1.4	1.7	0.8	1.1	2.0	2.1	4.7	4.8	
Topsoil Moisture (Percent)													
Very Short	0	9	38	2	0	0	0	0	0	4	8	19	
Short	11	20	34	12	3	3	0	0	0	8	28	28	
Adequate	89	69	28	82	79	78	88	68	88	75	61	49	
Surplus	0	2	0	4	18	19	12	32	12	13	3	4	
Subsoil Moisture (Percent)													
Very Short	29	36	65	18	10	0	0	1	0	15	27	26	
Short	63	48	22	62	31	27	39	36	3	36	37	43	
Adequate	8	16	13	20	56	73	61	63	97	49	36	31	
Surplus	0	0	0	0	3	0	0	0	0	0	0	0	

TEMP. AND PRECIP. DATA, SELECTED CITIES, FOR WEEK ENDING 04/27/03

		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	72	32	60	46	1.16	SC	Hesston	70	39	75	44	0.79
WC	Tribune	74	32	58	43	0.02	NE	Powhatt	76	38	69	51	1.20
SW	Grdn Cty	70	36	65	46	0.21	NE	Manhat	76	37	59	50	1.22
NC	Scandia	72	38	65	47	1.36	EC	Ottawa	74	38	66	51	1.99
C	Hays	71	34	76	53	1.81	EC	Slvr Lk	75	38	70	53	1.45
SC	Hutch	69	39	60	54	1.36	EC	Rossvl	74	37	59	50	0.94
SC	St John	70	38	57	49	0.00	SE	Parsons	77	40	66	47	0.98

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 APRIL 27, 2003

Cheyenne	Rawlins	Decatur	Norton	Phillips	Smith	Jewell	Republic	Washington	Marshall	Nemaha	Brown	Doniphan		
0.80	1.55	1.40	1.29	1.63	1.88	1.68	1.68	1.23	1.38	1.46	1.75	1.40		
Sherman	Thomas	Sheridan	Graham	Rooks	Osborne	Mitchell	Cloud	Clay	Riley	Pottawa	Jackson	Atchison		
0.69	1.31	1.37	0.68	1.49	1.91	2.38	1.71	1.56	1.50	1.83	2.43	1.58		
Wallace	Logan	Gove	Trego	Ellis	Russell	Lincoln	Ottawa	Dickins	Geary	Wabsun	Shawnee	Leavenworth	Wyan	
0.82	1.26	0.87	0.56	2.12	1.24	1.60	3.02	1.86	1.65	1.71	1.57	1.43	1.01	
Greeley	Wichita	Scott	Lane	Ness	Rush	Barton	Ellsworth	Saline	Morris	Osage	Douglas	Johnson		
0.65	0.74	0.88	0.62	0.89	1.53	1.42	1.17	1.88	2.06	1.57	2.09	1.41		
Hamilton	Kearny	Finney	Hodgeman	Pawnee	Stafford	Reno	Rice	McPherson	Marion	Chase	Lyon	Franklin	Miami	
0.30	0.59	0.62	1.48	2.35	1.13	1.90	1.59	1.67	2.07	2.54	1.93	1.35	1.39	
Stanton	Grant	Haskell	Gray	Edwards	Ford	Pratt	Kingman	Harvey	Butler	Sedgwick	Greenwood	Coffey	Anderson	Linn
0.31	0.23	0.28	0.69	1.50	0.61	0.64	1.18	2.15	2.17	2.24	4.47	1.60	0.02	0.98
Morton	Stevens	Seward	Meade	Kiowa	Clark	Comanche	Barber	Harper	Sumner	Cowley	Eik	Woodson	Allen	Bourbon
0.40	0.29	0.30	0.58	1.48	1.07	1.52	1.46	2.83	2.10	2.00	1.96	1.89	1.38	1.03
											Chautauq	Wilson	Neosho	Crawford
											1.15	1.15	1.31	0.06
											1.15	Montgom	Labette	Cherokee
											1.15	1.43	1.74	1.51