



# CROP WEATHER

Released: October 20, 2003

Volume 03, No. 42

**Agricultural Summary:** Dry, fair weather provided 5.8 days suitable for fieldwork, Statewide. Wheat seeding and the harvesting of corn, sorghum, soybeans, and sunflowers continued. Statewide, topsoil moisture is rated 15 percent very short, 23 percent short, 56 percent adequate, and 6 percent surplus. Subsoil moisture is rated 27 percent very short, 29 percent short, 43 percent adequate, and 1 percent surplus.

**Field Crop Report:** Fall wheat seeding is 85 percent complete, compared to 89 percent last year and 88 percent for the 5-year average. Emergence is rated 63 percent, compared to 67 percent last year and 61 percent for the 5-year average. Wheat condition is rated 1 percent very poor, 13 percent poor, 26 percent fair, 48 percent good, and 12 percent excellent. Dry, windy conditions in the western third of the State are adversely affecting the wheat crop. Eighty-seven percent of the corn for grain has been harvested, compared to 84 percent last year and 85 percent for the 5-year average. Corn condition is rated 20 percent very poor, 25 percent poor, 34 percent fair, 18 percent good, and 3 percent excellent. Ninety-five percent of the soybeans are dropping leaves, compared to 100 percent last year and 99 percent for the 5-year average. Thirty-three percent of the soybean acres have been harvested, compared to 68 percent last year and 70 percent for the 5-year average. Soybean condition is rated 13 percent very poor, 31 percent poor, 38 percent fair, 17 percent good, and 1 percent excellent. Ninety-seven percent of the sorghum is coloring, compared to 100 percent for both last year and the 5-year average. Seventy-four percent of the sorghum is mature, compared to 85 percent last year and 96 percent for the 5-year average. Thirty-seven percent of the grain sorghum has been harvested, compared to 47 percent last year and 67 percent for the 5-year average. Sorghum condition is rated 23 percent very poor, 35 percent poor, 29 percent fair, 12 percent good, and 1 percent excellent. Sorghum is drying down slowly in some areas and needs a hard freeze in order to be harvested. Ninety-three percent of the sunflowers have reached maturity, compared to 86 percent last year and 95 percent for the 5-year average. Forty-six percent of the crop is harvested, compared to 42 percent last year and 65 percent for the 5-year average. Sunflower condition is rated 13 percent very poor, 20 percent poor, 41 percent fair, 22 percent good, and 4 percent excellent. Seventy-eight percent of the alfalfa has been cut for the fourth time, compared to 83 percent last year and 95 percent for the 5-year average. Cotton condition is reported to be 2 percent very poor, 8 percent poor, 40 percent fair, 46 percent good, and 4 percent excellent. Statewide, 58 percent of the cotton crop is in the bolls opening stage. Cotton harvest has started.

**Pasture and Range Report:** Pasture and range conditions are rated 24 percent very poor, 28 percent poor, 32 percent fair, 14 percent good and 2 percent excellent. Cattle and calves continue to be moved to crop residue. Stock water supplies are 15 percent very short, 22 percent short, and 63 percent adequate. Feed grain supplies are rated 3 percent very short, 12 percent short, 82 percent adequate, and 3 percent surplus. Hay and forage supplies are rated 5 percent very short, 16 percent short, 75 percent adequate, and 4 percent surplus.

## Weather Data Library, KS Research and Extension Service Kansas Department of Agriculture

### CROP CONDITIONS FOR WEEK ENDING 10/19/03

	Very Poor	Poor	Fair	Good	Excellent
Wheat	1	13	26	48	12
Sorghum	23	35	29	12	1
Soybeans	13	31	39	16	1
Range & Pasture	24	28	32	14	2

### CROP PROGRESS BY AGRICULTURAL STATISTICS DISTRICT AS OF 10/19/03

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	5-YR AVG.
Wht Planted	99	97	97	92	83	70	81	58	54	85	78	89	88
Wht Emerged	56	72	80	72	65	53	65	41	31	63	50	67	61
Soyb Shed	100	100	100	95	97	95	100	96	90	95	90	100	99
Soyb Harvest	72	67	54	37	47	39	41	24	24	33	23	68	70
Corn Harvest	81	75	82	79	94	88	94	94	99	87	80	84	85
Sorg Mature	100	94	53	59	74	77	90	78	99	74	64	85	96
Sorg Harvest	59	52	17	24	39	36	43	37	71	37	26	47	67

### DAYS SUITABLE AND SOIL MOISTURE CONDITIONS FOR WEEK ENDING 10/19/03

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR	
Days Suitable for Fieldwork	7.0	6.9	7.0	6.6	5.2	6.1	5.0	5.2	4.2	5.8	5.2	5.7	
Topsoil Moisture (Percent)													
Very Short	61	56	20	16	2	0	0	0	0	15	12	7	
Short	38	38	51	21	26	17	28	5	2	23	24	30	
Adequate	1	6	29	63	71	73	60	94	69	56	53	62	
Surplus	0	0	0	0	1	10	12	1	29	6	11	1	
Subsoil Moisture (Percent)													
Very Short	67	55	42	42	19	13	16	12	0	27	29	31	
Short	31	43	45	40	22	15	44	23	8	29	29	43	
Adequate	2	2	13	18	58	67	40	65	92	43	40	26	
Surplus	0	0	0	0	1	5	0	0	0	1	2	0	

TEMP. AND PRECIP. DATA, SELECTED SITES, FOR WEEK ENDING 10/19/03

Station		Air Temp		Soil Temp 4 inch		Precip	Station		Air Temp		Soil Temp 4 inch		Precip
Dist	City	Max	Min	Max	Min		Dist	City	Max	Min	Max	Min	
NW	Colby	101	28	69	51	0.13	SC	Hesston	86	36	72	52	0.00
WC	Tribune	92	31	63	50	0.00	NE	Powhatt	84	36	66	54	0.32
SW	Grdn Cty	94	33	68	54	0.00	NE	Manhat	87	37	77	46	0.36
NC	Scandia	87	36	74	45	0.12	EC	Ottawa	85	34	64	53	0.29
C	Hays	86	37	75	49	0.02	EC	Slvr Lk	86	36	65	54	0.23
SC	Hutch	87	37	77	56	0.00	EC	Rossvl	86	35	60	47	0.42
SC	St John	88	36	77	56	0.00	SE	Parsons	82	40	62	43	0.54

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 OCTOBER 19, 2003

Cheyenne	Rawlins	Decatur	Norton	Phillips	Smith	Jewell	Republic	Washington	Marshall	Nemaha	Brown	Doniphan		
0.18	0.20	0.10	0	0.05	0.12	0.17	0.16	0.21		0.52	0.61	0.78		
Sherman	Thomas	Sheridan	Graham	Rooks	Osborne	Mitchell	Cloud	Clay	Riley	Pottawa	Jackson	Atchison		
0.01	0.16	0.09	T	0	0	0	0.04	0.17	0.23	0.16	0.92	0.82		
Wallace	Logan	Gove	Trego	Ellis	Russell	Lincoln	Ottawa	Dickins	Geary	Wabaun	Shawnee	Jefferson	Leaven	Wyan
0	0.09	0.12	0	0	0	0.03	0.05	0.13	0.12	0.20	0.47	0.26	0.80	0.13
Greeley	Wichita	Scott	Lane	Ness	Rush	Barton	Ellsworth	Saline	Morris	Lyon	Osage	Franklin	Miami	
0	0	0	0.11	0	0	0	0	0.03	0.10	0.08	0	0.27	0.52	
Hamilton	Kearny	Finney	Hodgeman	Pawnee	Stafford	Reno	Harvey	McPherson	Marion	Chase	Coffey	Anderson	Linn	
0	0	0	0	0	0	0	0	0	0.12	0.12	0.15	0.11	0.14	
Stanton	Grant	Haskell	Gray	Ford	Edwards	Pratt	Sedgwick	Butler	Greenwood	Woodson	Allen	Bourbon		
0	0	0	0	0	0	0	0.20	0.22	0.15	0.20	0.07	0.33		
Morton	Stevens	Seward	Meade	Clark	Comanche	Barber	Harper	Sumner	Cowley	Elk	Wilson	Neosho	Crawford	
0	0	0	0	0	1.00	0.17	0	0	0	0.41	0.80	0.57	0.70	
										Chautauq	Montgom	Labette	Cherokee	
										0.15	0.70	0.72	0.74	

T -- Precipitation less than .005. Omission of an entry indicates report not received.