

Cowley County, Kansas: Published
Field Office Thunderbook: Soils Properties for Conservation Planning

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "K", "Kf", "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer)

Map symbol and soil name	Percent	Irr Cap Class	Nonirr Cap Class	Prime Farmland	Hydro- logic Group	Range site name	Windbreak suitability group	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								K	Kf	T		
015CS:CLIME----	67	N/A	6e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
015CS:SOGN-----	30	N/A	N/A	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
015FC:FLORENCE--	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
015LC:LABETTE---	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
015LS:LADYSMITH-	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe30-36)	8	.37	.37	5	7	38
015NS:NORGE-----	85	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
015NT:NORGE-----	85	N/A	3e	Not prime farmland	B	Loamy Upland (pe25-34)	8	.32	.32	5	7	38
015ON:OLPE-----	50	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.24	.43	5	8	0
015ON:NORGE-----	30	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-36)	7	.37	.37	5	6	48
015VE:VERDIGRIS-	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.32	5	6	48
019MB:MARTIN----	85	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	4	7	38
049FM:FLORENCE--	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
049FM:MARTIN----	30	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
049IV:IVAN-----	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
191MB:MILAN-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
191MC:MILAN-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
191PX:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
191RO:ROSEHILL--	100	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	4	.32	.32	3	4	86
191RS:ROSEHILL--	100	N/A	4e	Not prime farmland	D	Clay Upland (pe24-32)	4	.32	.32	3	4	86

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Map symbol and soil name	Percent	Irr Cap Class	Nonirr Cap Class	Prime Farmland	Hydro- logic Group	Range site name	Windbreak suitability group	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								K	Kf	T		
191TV:TIVOLI----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe24-32)	1	.17	.17	5	1	250
191US:USTIFLUVEN TS-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
Aa:ATTICA-----	85	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	2	.17	.17	5	2	134
Ab:ATTICA-----	70	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	2	.17	.17	5	2	134
Ab:TIVOLI-----	25	N/A	7e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Ba:BETHANY-----	100	N/A	1	All areas are prime farmland	C	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Bb:BETHANY-----	95	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Bc:BREWER-----	90	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe24-32)	8	.37	.37	5	7	38
Ca:CANADIAN-----	90	N/A	2s	All areas are prime farmland	B	Sandy Terrace (pe24-32)	3	.20	.20	5	3	86
Cb:CLIME-----	55	N/A	7e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
Cb:ROCK OUTCROP-	25	N/A	8	Not prime farmland	D	Unspecified		---	---	-	---	---
Cc:CLIME-----	60	N/A	6e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
Cc:SOGN-----	20	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Da:DALE-----	90	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	6	.37	.37	5	5	56
Db:DWIGHT-----	90	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Fa:FLORENCE-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
INT:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0

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								K	Kf	T		
Ia:IRWIN-----	85	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
Ib:IVAN-----	85	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
La:LABETTE-----	85	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Lb:LABETTE-----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Lc:LABETTE-----	85	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Ld:LABETTE-----	55	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Ld:DWIGHT-----	35	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Le:LABETTE-----	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Le:SOGN-----	30	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Lf:LESHO-----	90	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	5	.28	.28	5	4L	86
Lg:LINCOLN-----	55	N/A	6e	Not prime farmland	A	Sandy Lowland (pe24-32)	3	.24	.24	5	3	86
Lg:TIVOLI-----	30	N/A	7e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
MCC:MARTIN-----	90	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Ma:MARTIN-----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Mb:MARTIN-----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Mc:MARTIN-----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Md:FLORENCE-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
Md:MARTIN-----	55	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38

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								K	Kf	T		
Md:FLORENCE-----	30	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
Me:MILAN-----	90	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.20	.20	5	3	86
Mf:MINCO-----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Mg:MINCO-----	85	N/A	6e	Not prime farmland	B	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Na:NORGE-----	90	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Nb:NORGE-----	85	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Nc:NORGE-----	85	N/A	3e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.32	.32	5	7	38
Oa:OLPE-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.24	.43	5	8	0
Ob:OSAGE-----	90	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe30-36)	4	.28	.28	5	4	86
Ra:READING-----	85	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.32	5	6	48
Rb:ROSEHILL-----	90	N/A	3e	Not prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	3	4	86
Rc:ROSEHILL-----	90	N/A	4e	Not prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	3	4	86
Sa:SMOLAN-----	90	2e-	2e	All areas are prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
Sb:SMOLAN-----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
Sc:SMOLAN-----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
Sd:SOGN-----	90	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Ta:TABLER-----	95	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	8	.37	.37	5	7	38
Tb:TABLER-----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	8	.37	.37	5	7	38

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								K	Kf	T		
Va:VANOSS-----	95	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vb:VANOSS-----	95	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vc:VANOSS-----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vd:VERDIGRIS----	85	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.43	5	6	48
W:WATER AREAS---	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Wa:WAURIKA-----	100	N/A	2w	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.37	.37	5	6	48

