

Sedgwick 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		
015LS:LADYSMITH-	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe30-36)	8	.37	.37	5	7	38
079CR:CRETE-----	100	2s-	2s	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
079CT:CRETE-----	100	2e-	2e	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
079DE:DETROIT---	100	1-	1	All areas are prime farmland	C	Loamy Terrace (pe25-34)	8	.37	.37	5	7	38
079DU:DRUMMOND--	75	N/A	6s	Not prime farmland	D	Saline Lowland (pe25-34)	5	.49	.49	2	4L	48
079FA:FARNUM----	100	1-	1	All areas are prime farmland	B	Sandy (pe25-34)	3	.20	.20	5	3	86
079FE:FARNUM----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.28	.28	5	6	48
079GD:GEARY-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
079KA:KASKI-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	7	.28	.28	5	6	48
079LA:LADYSMITH-	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
079LB:LADYSMITH-	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
079SM:SMOLAN----	90	2e-	2e	All areas are prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
095AD:ALBION----	100	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
095LA:LINCOLN---	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	2	.17	.17	5	2	134
095WA:WALDECK---	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe21-28)	3	.20	.20	4	3	86
1011:ALBION-----	70	N/A	3e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
1011:SHELLABARGE R-----	30	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	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		
1070:AVANS-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe21-28)	6	.37	.37	5	5	56
1071:AVANS-----	85	N/A	1	All areas are prime farmland	B	Loamy Upland (pe21-28)	6	.37	.37	5	5	56
1072:AVANS-----	85	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe21-28)	6	.37	.37	5	5	56
191BA:BETHANY---	100	N/A	2c	All areas are prime farmland	C	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
191BB:BETHANY---	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
191DR:DALE-----	50	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	6	.37	.37	5	5	56
191DR:REINACH---	50	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	6	.37	.37	5	5	56
191EA:ELANDCO---	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	7	.43	.43	5	6	48
191LO:LESHO-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	5	.28	.28	4	4L	86
191LO:IMANO-----	85	N/A	3w	All areas are prime farmland	C	Subirrigated (pe21-28)	5	.28	.28	4	4L	86
2204:JAMASH-----	50	N/A	4e	Not prime farmland	D	Shallow Prairie (pe24-32)	8	.37	.37	2	7	38
2204:PIEDMONT---	50	N/A	2e	Not prime farmland	D	Clay Upland (pe24-32)	8	.37	.37	3	7	38
2205:JAMASH-----	60	N/A	4e	Not prime farmland	D	Shallow Prairie (pe24-32)	8	.37	.37	2	7	38
2205:PIEDMONT---	40	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	8	.37	.37	3	7	38
2207:JAMASH-----	80	N/A	6e	Not prime farmland	D	Shallow Prairie (pe24-32)	8	.37	.37	2	7	38
2381:KANZA-----	50	N/A	5w	Not prime farmland	D	Subirrigated (pe21-28)	3	.20	.20	5	3	86
2381:NINNESCAH--	50	N/A	5w	Not prime farmland	B	Subirrigated (pe21-28)	3	.20	.20	5	3	86
2587:IMANO-----	85	N/A	3w	All areas are prime farmland	C	Subirrigated (pe21-28)	5	.28	.28	4	4L	86

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								K	Kf	T		
2948:NALIM-----	80	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.28	.28	5	5	56
3052:OST-----	55	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
3052:CLARK-----	45	N/A	2c	All areas are prime farmland	B	Limy Upland (pe21-28)	5	.28	.28	5	4L	86
3170:BETHANY----	100	N/A	2c	All areas are prime farmland	C	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
3170:PENALOSA---	100	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.37	.37	5	6	48
3171:BETHANY----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
3171:PENALOSA---	100	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.37	.37	5	6	48
3535:SHELLABARGE R-----	55	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3535:NALIM-----	45	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.28	.28	5	5	86
3639:TAVER-----	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe21-28)	7	.28	.28	5	6	48
3966:WILLOWBROOK	90	2e-	3e	Not prime farmland	B	Subirrigated (pe21-28)	3	.20	.20	4	3	86
4004:YAGGY-----	95	2e-	3e	Not prime farmland	C	Sandy Lowland (pe21-28)	3	.20	.20	3	3	86
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
Aa:ALBION-----	70	N/A	3e	Prime farmland if irrigated	B	Sandy (pe24-32)	3	.20	.20	4	3	86
Aa:SHELLABARGER-	30	N/A	2e	Prime farmland if irrigated	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Ab:ALBION-----	50	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
Ab:SHELLABARGER-	50	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
BRR:BREWER-----	85	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe25-34)	8	.37	.37	5	7	38

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								K	Kf	T		
Ba:BLANKET-----	100	N/A	1	All areas are prime farmland	C	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Bb:BLANKET-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Ca:CANADIAN-----	100	N/A	1	All areas are prime farmland	B	Sandy Terrace (pe24-32)	3	.20	.20	5	3	86
Cb:CANADIAN-----	70	N/A	1	All areas are prime farmland	B	Sandy Terrace (pe24-32)	3	.20	.20	5	3	86
Cb:WALDECK-----	30	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	3	.20	.20	4	3	86
Cc:CARWILE-----	100	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	3	.24	.24	5	3	86
Cd:CLARK-----	75	N/A	3e	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
Cd:OST-----	25	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.32	.32	5	6	48
Ce:CLIME-----	100	N/A	4e	Not prime farmland	C	Limy Upland (pe25-34)	4	.28	.28	3	4	86
Ea:ELANDCO-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	7	.43	.43	5	6	48
Eb:ELANDCO-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe24-32)	7	.43	.43	5	6	48
Ec:ELANDCO-----	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	7	.43	.43	5	6	48
Fa:FARNUM-----	100	1-	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Fb:FARNUM-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Fc:FARNUM-----	100	1-	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	4	6	48
Ga:GOESSEL-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	5	4	86
Gb:GOESSEL-----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	5	4	86
INT:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0

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								K	Kf	T		
Ia:IRWIN-----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.32	.32	5	7	38
Ib:IRWIN-----	100	N/A	4e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.32	.32	5	7	38
Ic:IRWIN-----	100	N/A	4e	Not prime farmland	D	Clay Upland (pe25-34)	8	.32	.32	5	7	38
KAA:KASKI-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	7	.28	.28	5	6	48
La:LESHO-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	5	.28	.28	4	4L	86
Lb:LINCOLN-----	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	3	.20	.20	5	3	86
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ma:MILAN-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Mb:MILAN-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Mc:MILAN-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Na:NARON-----	100	1-	1	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Oc:WELLSFORD----	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.32	.32	2	4	86
Od:WELLSFORD----	60	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.32	.32	2	4	86
Od:ROCK OUTCROP-	40	N/A	8	Not prime farmland	D	Unspecified		---	---	-	---	---
Pa:PITS-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Pb:PLEVNA-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	3	.20	.20	5	3	86
Pc:PRATT-----	100	3e-	3e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Pd:PRATT-----	65	3e-	4e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Pd:TIVOLI-----	35	N/A	7e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134

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								K	Kf	T		
Ra:RENFROW-----	100	N/A	3e	All areas are prime farmland	D	Red Clay Prairie (pe24-32)	8	.43	.43	5	7	38
Rb:RENFROW-----	100	N/A	4e	All areas are prime farmland	D	Red Clay Prairie (pe24-32)	8	.43	.43	5	7	38
Rc:RENFROW-----	65	N/A	3e	Not prime farmland	D	Red Clay Prairie (pe24-32)	7	.43	.43	5	6	48
Rc:WELLSFORD----	35	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.32	.32	2	4	86
Rd:ROSEHILL-----	100	N/A	3e	Not prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	3	4	86
Sa:SHELLABARGER--	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Sb:SHELLABARGER--	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Sc:SHELLABARGER--	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Ta:TABLER-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.43	.43	5	7	38
Tb:TABLER-----	60	N/A	2s	Not prime farmland	D	Clay Upland (pe24-32)	7	.49	.49	5	6	48
Tb:DRUMMOND-----	40	N/A	6s	Not prime farmland	D	Saline Lowland (pe24-32)	5	.49	.49	2	4L	48
Ua:URBAN LAND---	70	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ua:CANADIAN-----	30	N/A	1	Not prime farmland	B	Unspecified	3	.20	.20	5	3	86
Ub:URBAN LAND---	75	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ub:ELANDCO-----	25	N/A	1	Not prime farmland	B	Unspecified	7	.43	.43	5	6	48
Uc:URBAN LAND---	70	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Uc:FARNUM-----	30	2e-	2e	Not prime farmland	B	Unspecified	7	.28	.28	5	6	48
Ud:URBAN LAND---	70	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ud:IRWIN-----	30	N/A	3e	Not prime farmland	D	Unspecified	8	.32	.32	5	7	38

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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		
Ue:URBAN LAND---	70	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ue:TABLER-----	30	N/A	2s	Not prime farmland	D	Unspecified	8	.43	.43	5	7	38
Va:VANOSS-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vb:VANOSS-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vc:VANOSS-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Vd:VANOSS-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Ve:VERNON-----	100	N/A	3e	Not prime farmland	D	Red Clay Prairie (pe24-32)	3	.20	.20	3	3	86
Vf:VERNON-----	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	3	.20	.20	3	3	86
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wa:WALDECK-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	3	.20	.20	4	3	86
Wb:WAURIKA-----	100	N/A	2w	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.49	.49	5	6	48

