

Sumner 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	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	4C	.37	.37	5	7	38
035LG:LINCOLN---	55	N/A	6e	Not prime farmland	A	Sandy Lowland (pe24-32)	1K	.24	.24	5	3	86
035LG:TIVOLI----	30	N/A	7e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
035VC:VANOSS----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
035VD:VERDIGRIS-	85	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	1	.32	.43	5	6	48
077AN:KASKI-----	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.28	.28	5	6	48
077BM:LINCOLN---	100	N/A	4s	Not prime farmland	A	Sands (pe24-32)	1K	.17	.17	5	2	134
077BP:WOODWARD--	65	N/A	6e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86
077BP:PORT-----	35	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.37	.37	5	6	48
077CE:CORBIN----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
077CF:CORBIN----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
077GN:GRANT-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
077GS:GRANT-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
077KR:KIRKLAND--	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
077KR:RENFROW---	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
077KW:KIRKLAND--	70	N/A	4e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
077KW:RENFROW---	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48

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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		
077PH:DALE-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56
077PT:PRATT-----	50	N/A	6e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
077PT:TIVOLI----	50	N/A	7e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
077SO:SHELLABARG ER-----	70	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
077SO:ALBION----	30	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
077TH:TIVOLI----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe24-32)	7	.17	.17	5	1	250
095DA:DILLWYN---	60	N/A	4w	Not prime farmland	A	Subirrigated (pe24-32)	1	.17	.17	5	2	134
095DA:PLEVNA----	40	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.20	.20	5	3	86
095OA:Wellsford-	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
095RA:RENFROW---	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
1439:CRISFIELD--	100	N/A	3s	Not prime farmland	B	Sandy Terrace (pe24-32)	5	.15	.15	5	3	86
173EA:ELANDCO---	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.43	.43	5	6	48
173LA:LESHO-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	1K	.28	.28	4	4L	86
173PB:PLEVNA----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.20	.20	5	3	86
173RA:RENFROW---	100	N/A	3e	All areas are prime farmland	D	Red Clay Prairie (pe24-32)	4C	.43	.43	5	7	38
AED:ARENTS, EARTHEN DAM----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
BOA:BORROW AREAS	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ba:BETHANY-----	100	N/A	1	All areas are prime farmland	C	Loamy Upland (pe24-32)	4C	.43	.43	5	6	48

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								K	Kf	T		
Bb:BETHANY-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	4C	.43	.43	5	6	48
Br:BREWER-----	100	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe24-32)	4C	.37	.37	5	7	38
Bs:BREWER-----	70	N/A	2s	Not prime farmland	C	Loamy Terrace (pe24-32)	4C	.37	.37	5	7	38
Bs:DRUMMOND-----	30	N/A	6s	Not prime farmland	D	Saline Lowland (pe24-32)	9W	.43	.43	2	4L	38
CAA:CANADIAN----	90	N/A	2s	All areas are prime farmland	B	Sandy Terrace (pe24-32)	1	.20	.20	5	3	86
Ca:CANADIAN-----	100	N/A	2e	All areas are prime farmland	B	Sandy Terrace (pe24-32)	1	.20	.20	5	3	86
Cc:CARWILE-----	100	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	1	.24	.24	5	3	86
Cr:CORBIN-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Da:DALE-----	100	N/A	3e	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56
Dr:DALE-----	50	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56
Dr:REINACH-----	50	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56
Ea:ELANDCO-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe24-32)	1	.37	.37	5	7	38
Ec:ELANDCO-----	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.43	.43	5	6	48
Fa:FARNUM-----	100	1-	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fb:FARNUM-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fc:FARNUM-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fd:FARNUM-----	100	N/A	3e	Not prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48

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								K	Kf	T		
GRP:GRAVEL PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
INT:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0
IRR:IRWIN-----	85	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	4C	.37	.37	5	7	38
Ka:KIRKLAND-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.49	.49	5	6	48
Kb:KIRKLAND-----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.49	.49	5	6	48
Kc:KIRKLAND-----	100	N/A	4e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Lo:LESHO-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	1K	.28	.28	4	4L	86
Ls:LINCOLN-----	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	1K	.17	.17	5	2	134
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ma:MILAN-----	100	1-	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Mb:MILAN-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Mc:MILAN-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Md:MILAN-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
On:WELLSFORD----	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
Oo:WELLSFORD----	100	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
Op:WELLSFORD----	65	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
Op:ELANDCO-----	35	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.43	.43	5	6	48
Or:WELLSFORD----	65	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86

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								K	Kf	T		
Or:RENFROW-----	35	N/A	4e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Os:WELLSFORD----	65	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
Os:SHALE OUTCROP	35	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Pa:POND CREEK---	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pb:POND CREEK---	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pc:POND CREEK---	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pd:POND CREEK---	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Px:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Ra:RENFROW-----	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Ra:GRAINOLA-----	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)		.43	.43	3	6	48
Ro:ROSEHILL-----	100	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.32	.32	3	4	86
Rs:ROSEHILL-----	100	N/A	4e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.32	.32	3	4	86
Rx:ROSEHILL-----	100	N/A	4e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.32	.32	3	4	86
Sa:SHELLABARGER-	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sb:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sc:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Ta:TABLER-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	7	38

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								K	Kf	T		
Tv:TIVOLI-----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe24-32)	7	.17	.17	5	1	250
Us:USTIFLUVENTS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Va:VANOSS-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Vb:VANOSS-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Vc:VANOSS-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
W:WATER (< 40 ACRES)-----	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)	4C	.49	.49	5	6	48

