

Barber 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		
033CP:CLAIREMONT	100	N/A	6w	Not prime farmland	B	Loamy Lowland (pe20-25)	1K	.43	.43	5	4L	86
033OA:OBARO-----	100	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)		.43	.43	3	4L	86
033OB:OBARO-----	75	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)		.43	.43	3	4L	86
033OB:ROCK OUTCROP-----	25	N/A	8	Not prime farmland	D	Unspecified		---	---	-	---	---
033QR:QUINLAN---	55	N/A	6e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	86
033QR:WOODWARD--	45	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)	8	.37	.37	3	4L	86
033QT:QUINLAN---	55	N/A	7e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	86
033QT:WOODWARD--	45	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)	8	.37	.37	3	4L	86
033YE:YAHOLA----	100	N/A	2w	All areas are prime farmland	B	Sandy Lowland (pe20-25)	1K	.20	.20	5	3	86
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
077FU:FARNUM----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
077GE:GERLANE---	100	N/A	2e	All areas are prime farmland	B	Subirrigated (pe24-32)	1	.20	.20	5	3	86
077MC:MINCO-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
077MN:MINCO-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
077MO:MINCO-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
077QU:QUINLAN---	100	N/A	4e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
077SE:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.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		
077WE:WOODWARD--	50	N/A	2e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86
077WE:QUINLAN---	50	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
095AC:ALBION----	100	N/A	4e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
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
095FA:FARNUM----	100	2e-	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
095PB:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
095SB:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
095WA:WALDECK---	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	1K	.20	.20	4	3	86
097LN:LINCOLN---	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe20-25)	1K	.20	.20	5	3	86
097QW:QUINLAN---	55	N/A	6e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	86
097QW:WOODWARD--	45	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)	8	.37	.37	3	4L	86
097WA:WALDECK---	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe20-25)	1K	.28	.28	4	5	56
1439:CRISFIELD--	100	N/A	3s	Not prime farmland	B	Sandy Terrace (pe24-32)	5	.15	.15	5	3	86
151AB:ALBION----	100	N/A	3e	Prime farmland if irrigated	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
151AO:ALBION----	100	N/A	4e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
151AS:ALBION----	50	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
151AS:SHELLABARG ER-----	50	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
151BC:BLANKET---	100	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe21-28)	4C	.37	.37	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		
151CA:CARWILE---	100	N/A	2w	Not prime farmland	D	Sandy (pe21-28)	1	.24	.24	5	3	86
151CK:CASE-----	60	N/A	6e	Not prime farmland	B	Limy Upland (pe24-32)	8	.32	.32	5	4L	86
151CK:CLARK-----	40	N/A	6e	Not prime farmland	B	Limy Upland (pe24-32)	8	.28	.28	5	4L	86
151CM:CLARK-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe21-28)	8	.28	.28	5	4L	86
151CN:CLARK-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.20	.20	5	3	86
151CO:CLARK-----	70	N/A	2c	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.28	.28	5	4L	86
151CO:OST-----	30	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
151FA:FARNUM----	100	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe21-28)	3	.28	.28	5	6	48
151KP:KANZA-----	50	N/A	5w	Not prime farmland	D	Unspecified	2	.17	.17	5	2	134
151KP:PLEVNA----	50	N/A	5w	Not prime farmland	D	Subirrigated (pe21-28)	2	.20	.20	5	3	86
151OS:OST-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe21-28)	3	.32	.32	5	6	48
151PM:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe21-28)	7	.17	.17	5	2	134
151PN:PRATT-----	100	N/A	6e	Not prime farmland	A	Sands (pe21-28)	7	.17	.17	5	2	134
151PO:PRATT-----	60	3e-	4e	Not prime farmland	A	Sands (pe21-28)	7	.17	.17	5	2	134
151PO:CARWILE---	40	N/A	2w	Not prime farmland	D	Sandy (pe21-28)	1	.24	.24	5	3	86
151SA:ALBION----	70	N/A	6e	Not prime farmland	B	Sandy (pe21-28)	6G	.20	.20	4	3	86
151SA:KASKI-----	30	N/A	2w	Not prime farmland	B	Loamy Lowland (pe21-28)	1K	.28	.28	5	6	48
151SE:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	5	.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		
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
AN:ALBION-----	65	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	6G	.20	.20	4	3	86
AN:SHELLABARGER--	35	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	5	.20	.20	5	3	86
Ad:ALBION-----	60	N/A	4e	Prime farmland if irrigated	B	Sandy (pe20-25)	6G	.20	.24	4	3	86
Ad:SHELLABARGER--	40	N/A	3e	Prime farmland if irrigated	B	Sandy (pe20-25)	5	.20	.20	5	3	86
Ae:ALBION-----	55	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	6G	.20	.20	4	3	86
Ae:SHELLABARGER--	45	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	5	.20	.20	5	3	86
As:CLAIREMONT---	100	N/A	6s	Not prime farmland	B	Saline Lowland (pe20-25)	1K	.43	.43	5	4L	86
At:ATTICA-----	100	N/A	3e	Not prime farmland	B	Sandy (pe24-32)	5	.17	.17	5	2	134
Ba:BLANKET-----	100	N/A	2c	All areas are prime farmland	C	Loamy Upland (pe20-25)	4C	.37	.37	5	5	56
Bb:BLANKET-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe20-25)	4C	.37	.37	5	5	56
Bc:BLANKET-----	100	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe20-25)	4C	.37	.37	5	6	48
Bf:QUINLAN-----	60	N/A	7e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	86
Bf:CLAIREMONT---	40	N/A	5w	Not prime farmland	B	Loamy Lowland (pe20-25)	1K	.43	.43	5	4L	86
Ca:CANADIAN-----	100	N/A	2e	All areas are prime farmland	B	Sandy Terrace (pe24-32)	1	.20	.20	5	3	86
Cc:CASE-----	50	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.32	.32	5	4L	86
Cc:CLARK-----	50	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.28	.28	5	4L	86
Cd:CLAIREMONT---	100	2w-	2w	All areas are prime farmland	B	Loamy Lowland (pe20-25)	1K	.43	.43	5	4L	86

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								K	Kf	T		
Cf:CLAIREMONT---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe20-25)	1K	.43	.43	5	4L	86
Ck:CLARK-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.28	.28	5	4L	86
Fa:FARNUM-----	100	1-	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Fm:FARNUM-----	100	1-	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fr:FARNUM-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fu:FARNUM-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
GRP:GRAVEL PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ga:GRANT-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
Gb:GRANT-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
Gc:GRANT-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
INT:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0
Ka:KANZA-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.17	.17	5	2	134
Kf:KINGFISHER---	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe20-25)	6D	.37	.37	3	5	56
Kv:KINGFISHER---	70	N/A	2e	Not prime farmland	B	Loamy Upland (pe20-25)	6D	.37	.37	3	5	56
Kv:VERNON-----	30	N/A	3e	Not prime farmland	D	Red Clay Prairie (pe20-25)		.37	.37	3	4	86
Kz:KINGFISHER---	60	N/A	3e	Not prime farmland	B	Loamy Upland (pe20-25)	6D	.37	.37	3	5	56
Kz:VERNON-----	40	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe20-25)		.37	.37	3	4	86
LNN:LINCOLN-----	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe20-25)	1K	.17	.17	5	2	134

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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		
Ln:LINCOLN-----	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe20-25)	1K	.20	.20	5	3	86
Ma:MANGUM-----	100	3w-	3w	Not prime farmland	D	Clay Lowland (pe20-25)	1K	.32	.32	5	4	86
Mg:MANGUM-----	65	2s-	3s	Not prime farmland	D	Clay Lowland (pe20-25)	1K	.32	.32	5	4	86
Mg:DRUMMOND-----	35	N/A	5s	Not prime farmland	D	Saline Lowland (pe20-25)	9W	.43	.43	2	4L	86
Mn:MINCO-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
Na:NARON-----	100	1-	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Nb:NARON-----	100	2e-	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Os:OST-----	100	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Ot:OST-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Pa:POND CREEK---	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pd:POND CREEK---	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Ph:DALE-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56
Pk:BUTTERMILK---	100	N/A	3s	Not prime farmland	B	Saline Lowland (pe24-32)	9L	.32	.32	5	5	56
Ps:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Pt:PRATT-----	70	N/A	6e	Not prime farmland	A	Sands (pe20-25)	7	.17	.17	5	2	134
Pt:TIVOLI-----	30	N/A	7e	Not prime farmland	A	Sands (pe20-25)	7	.17	.17	5	2	134
Qn:QUINLAN-----	100	N/A	3e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	86
Qw:QUINLAN-----	60	N/A	6e	Not prime farmland	C	Shallow Prairie (pe20-25)	10	.37	.37	2	4L	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		
Qw:WOODWARD----	40	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-25)	8	.37	.37	3	4L	86
Rb:KNOCO-----	70	N/A	7s	Not prime farmland	D	Red Shale (pe20- 25)		.37	.37	2	4	86
Rb:ROCK OUTCROP-	30	N/A	8s	Not prime farmland	D	Unspecified		---	---	-	---	0
SBB: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 (pe20-25)	5	.20	.20	5	3	86
Sc:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe20-25)	5	.20	.20	5	3	86
Tv:TIVOLI-----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe20-25)	7	.17	.17	5	1	250
Vn:VERNON-----	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe20-25)	4C	.37	.37	3	4	86
Vr:VERNON-----	100	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe20-25)	4C	.37	.37	4	4	86
Vs:VERNON-----	50	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe20-25)	4C	.37	.37	4	4	86
Vs:KNOCO-----	50	N/A	7s	Not prime farmland	D	Red Shale (pe20- 25)		.37	.37	2	4	86
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wa:WALDECK-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	1K	.20	.20	4	3	86
Wo:WOODWARD----	70	N/A	2e	Not prime farmland	B	Shallow Prairie (pe20-25)	8	.37	.37	3	4L	86
Wo:QUINLAN-----	30	N/A	3e	Not prime farmland	C	Loamy Upland (pe20-25)	10	.37	.37	2	4L	86
Ws:WOODWARD----	65	N/A	3e	Not prime farmland	B	Shallow Prairie (pe20-25)	8	.37	.37	3	4L	86
Ws:QUINLAN-----	35	N/A	4e	Not prime farmland	C	Loamy Upland (pe20-25)	10	.37	.37	2	4L	86
Ya:YAHOLA-----	100	N/A	2w	Not prime farmland	B	Subirrigated (pe20-25)	1K	.20	.20	5	3	86
Ze:ZENDA-----	100	N/A	2w	All areas are prime farmland	C	Subirrigated (pe20-25)	1	.28	.28	5	6	48

