

Shawnee 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		
045OE:OSKA-----	88	N/A	3e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	2	7	38
045SV:SIBLEYVILL E-----	50	N/A	6e	Not prime farmland	B	Loamy Upland (pe35-42)	7	.28	.28	3	6	48
045SX:ROCK OUTCROP-----	60	N/A	8	Not prime farmland		Unspecified		---	---	-	---	0
045SX:VINLAND---	26	N/A	6e	Not prime farmland	D	Loamy Upland (pe35-42)	8	.32	.32	2	7	38
045VM:VINLAND---	40	N/A	6e	Not prime farmland	D	Loamy Upland (pe35-42)	8	.32	.32	2	7	38
045VM:MARTIN---	25	N/A	4e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
045WS:WOODSON---	90	N/A	3e	All areas are prime farmland	D	Clay Upland (pe35-42)	7	.43	.43	4	6	48
085KB:KENNEBEC--	86	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
085MC:MARTIN----	48	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-37)	8	.37	.37	5	7	38
085MC:VINLAND---	40	N/A	N/A	Not prime farmland	D	Loamy Upland (pe30-37)	8	.32	.32	2	7	38
085ZA:ZOOK-----	90	N/A	2w	Prime farmland if drained	C/D	Clay Lowland (pe30-37)	8	.37	.37	5	7	38
087EC:EUDORA----	65	N/A	2w	Not prime farmland	B	Loamy Lowland (pe30-37)	6	.32	.32	5	5	56
087EC:BISMARCKGR OVE-----	20	N/A	2w	Not prime farmland	B	Loamy Lowland (pe30-37)	8	.32	.32	5	7	38
087HC:HAIG-----	85	N/A	2w	Prime farmland if drained	C/D	Clay Upland (pe30-37)	8	.37	.37	5	7	38
087KV:KONAWA----	91	N/A	4e	Not prime farmland	B	Savannah (pe30- 37)	3	.24	.24	5	3	86
087RS:ROSSVILLE-	85	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
087SO:SHELBY----	65	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48
087SO:PAWNEE----	25	N/A	4e	Not prime farmland	D	Clay Upland (pe30-37)	7	.37	.37	5	6	48
087WC:WABASH----	94	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe30-37)	8	.37	.37	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		
139ED:ELMONT----	85	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe35-42)	7	.32	.32	5	6	48
149KM:KIMO-----	90	N/A	2w	All areas are prime farmland	C	Clay Lowland (pe30-37)	4	.37	.37	5	4	86
197IB:IRWIN-----	80	N/A	3e	All areas are prime farmland	D	Clay Upland (pe30-36)	8	.32	.32	5	7	38
197IV:IVAN-----	90	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
197IX:IVAN-----	80	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
197MR:MORRILL---	75	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.28	.32	5	6	48
197MS:MORRILL---	85	N/A	6e	Not prime farmland	B	Loamy Upland (pe30-37)	9	.20	.24	5	8	0
	75	N/A	6e	Not prime farmland	B	Loamy Upland (pe30-37)	9	.20	.24	5	8	0
197SA:SARPY-----	85	N/A	4s	Not prime farmland	A	Sandy Lowland (pe30-36)	2	.17	.17	5	2	134
197WF:WAMEGO----	75	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-37)	8	.32	.32	3	7	38
197WY:WYMORE----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe30-37)	8	.37	.37	5	7	38
2797:MORRILL----	85	N/A	6e	Not prime farmland	B	Loamy Upland (pe30-37)	9	.20	.24	5	8	0
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
An:KENNEBEC-----	90	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
BOA:BORROW AREAS	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Bk:MARTIN-----	54	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-37)	8	.37	.37	5	7	38
Bk:KENNEBEC-----	43	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
Br:FLUVENTS-----	97	N/A	6w	Not prime farmland		Unspecified	8	.32	.32	5	7	38
Dm:DWIGHT-----	60	N/A	4e	Not prime farmland	D	Clay Pan (pe35- 42)	8	.43	.43	5	7	38
Dm:MARTIN-----	30	N/A	3e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38

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								K	Kf	T		
Ds:DWIGHT-----	97	N/A	4s	Not prime farmland	D	Clay Pan (pe35- 42)	8	.43	.43	5	7	38
Dw:DWIGHT-----	85	N/A	4e	Not prime farmland	D	Clay Pan (pe35- 42)	8	.43	.43	5	7	38
El:ELMONT-----	90	N/A	3e	All areas are prime farmland	B	Limy Upland (pe35-42)	7	.32	.32	5	6	48
Em:ELMONT-----	90	N/A	3e	All areas are prime farmland	B	Limy Upland (pe35-42)	7	.32	.32	5	6	48
En:ELMONT-----	90	N/A	4e	Not prime farmland	B	Limy Upland (pe35-42)	7	.32	.32	5	6	48
Eo:ELMONT-----	90	N/A	6e	Not prime farmland	B	Limy Upland (pe35-42)	7	.32	.32	5	6	48
Ep:ELMONT-----	75	N/A	6e	Not prime farmland	B	Limy Upland (pe35-42)	8	.32	.32	5	7	38
Ep:DWIGHT-----	25	N/A	4e	Not prime farmland	D	Clay Pan (pe35- 42)	8	.43	.43	5	7	38
Es:EUDORA-----	95	N/A	2e	All areas are prime farmland	B	Sandy Lowland (pe30-37)	3	.20	.20	5	3	86
Et:EUDORA-----	90	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-37)	6	.32	.32	5	5	56
Eu:EUDORA-----	85	N/A	3e	Not prime farmland	B	Loamy Lowland (pe30-37)	6	.32	.32	5	5	56
Ev:EUDORA-----	60	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-37)	6	.32	.32	5	5	56
Ev:KIMO-----	30	N/A	2w	All areas are prime farmland	C	Clay Lowland (pe30-37)	4	.37	.37	5	4	86
Ew:EUDORA-----	60	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-37)	3	.20	.20	5	3	86
Ew:KIMO-----	30	N/A	2w	All areas are prime farmland	C	Clay Lowland (pe30-37)	3	.24	.24	5	3	86
Gm:GYMER-----	88	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
Gy:GYMER-----	100	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
INL:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0
KF:KENNEBEC-----	98	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48

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								K	Kf	T		
	90	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
Kb:KENNEBEC----	95	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe35-42)	7	.28	.28	5	6	48
Kc:CHASE-----	85	N/A	2w	All areas are prime farmland	C	Loamy Lowland (pe30-37)	7	.28	.28	5	6	48
Km:KIMO-----	90	N/A	2w	All areas are prime farmland	C	Clay Lowland (pe30-37)	4	.37	.37	5	4	86
Ko:KIMO-----	95	N/A	5w	Not prime farmland	C	Clay Lowland (pe30-37)	4	.37	.37	5	4	86
Ks:KIPSON-----	50	N/A	6e	Not prime farmland	D	Limy Upland (pe30-37)	5	.32	.32	2	4L	86
Ks:SOGN-----	35	N/A	6e	Not prime farmland	D	Shallow Limy (pe30-37)	5	.32	.32	1	4L	86
Ku:KONAWA-----	85	N/A	3e	Not prime farmland	B	Savannah (pe30- 37)	3	.24	.24	5	3	86
Kw:KONAWA-----	85	N/A	4e	Not prime farmland	B	Savannah (pe30- 37)	3	.24	.24	5	3	86
LIQ:LIMESTONE QUARRY-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	0
La:LABETTE-----	88	N/A	2e	All areas are prime farmland	C	Limy Upland (pe35-42)	8	.37	.37	2	7	38
Lb:LABETTE-----	85	N/A	3e	All areas are prime farmland	C	Limy Upland (pe35-42)	8	.37	.37	2	7	38
Lc:LABETTE-----	95	N/A	3e	Not prime farmland	C	Limy Upland (pe35-42)	8	.37	.37	2	7	38
Ld:LADYSMITH----	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe35-42)	8	.37	.37	5	7	38
Lm:LADYSMITH----	85	N/A	3e	All areas are prime farmland	D	Clay Upland (pe35-42)	8	.37	.37	5	7	38
Ls:LADYSMITH----	100	N/A	4e	All areas are prime farmland	D	Clay Upland (pe35-42)	8	.37	.37	5	7	38
MOO:MORRILL-----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.28	.32	5	6	48
MRR:MORRILL-----	91	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48

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								K	Kf	T		
Ma:MADE LAND----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Mb:MARTIN-----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
Mc:MARTIN-----	85	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
Me:MARTIN-----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
Mf:MARTIN-----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
Mh:MARTIN-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe35-42)	8	.37	.37	5	7	38
Mk:MARTIN-----	90	N/A	6e	Not prime farmland	C	Loamy Upland (pe35-42)	4	.28	.28	5	4	86
Mm:MORRILL-----	91	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
Mn:MORRILL-----	91	N/A	3e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
Mo:MORRILL-----	91	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
Mp:MORRILL-----	55	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.32	.32	5	6	48
Mp:GRAVELLY LAND	30	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-37)	9	.24	.43	5	8	0
Mr:MUIR-----	85	1-	1	All areas are prime farmland	B	Loamy Lowland (pe30-37)	7	.32	.32	5	6	48
Pa:PAWNEE-----	100	N/A	2e	All areas are prime farmland	D	Clay Upland (pe30-37)	7	.37	.37	5	6	48
Pc:PAWNEE-----	85	N/A	3e	Not prime farmland	D	Clay Upland (pe30-37)	7	.37	.37	5	6	48
Pe:PAWNEE-----	90	N/A	3e	Not prime farmland	D	Clay Upland (pe30-37)	7	.37	.37	5	6	48
Pn:PAWNEE-----	85	N/A	4e	Not prime farmland	D	Clay Upland (pe30-37)	7	.37	.37	5	6	48
RD:READING-----	90	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe35-42)	7	.32	.32	5	6	48
Re:READING-----	85	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-37)	8	.32	.32	5	7	38

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								K	Kf	T		
Rv:RIVER WASH---	100	N/A	8s	Not prime farmland		Unspecified		---	---	-	---	0
SAP:SAND PIT----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Sa:SARPY-----	100	N/A	6s	Not prime farmland	A	Sandy Lowland (pe30-37)	1	.15	.15	5	1	220
Se:SARPY-----	55	N/A	3w	Not prime farmland	A	Sandy Lowland (pe30-37)	2	.17	.17	5	2	134
Se:EUDORA-----	45	N/A	3w	Not prime farmland	B	Loamy Lowland (pe30-37)	3	.20	.20	5	3	86
Sg:SHARPSBURG---	88	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe30-37)	8	.32	.32	5	7	38
Sh:SHARPSBURG---	85	N/A	3e	Not prime farmland	B	Loamy Upland (pe30-37)	8	.32	.32	5	7	38
Sk:SHELBY-----	95	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48
Sm:SHELBY-----	88	N/A	3e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48
Sn:SHELBY-----	100	N/A	3e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48
So:SHELBY-----	85	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-37)	7	.28	.28	5	6	48
Sp:MORRILL-----	85	N/A	3e	All areas are prime farmland	B	Sandy (pe30-37)	3	.28	.32	5	3	86
Sr:MORRILL-----	85	N/A	3e	All areas are prime farmland	B	Sandy (pe30-37)	3	.28	.32	5	3	86
Ss:MORRILL-----	85	N/A	4e	Not prime farmland	B	Sandy (pe30-37)	3	.28	.32	5	3	86
St:SIBLEYVILLE--	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe35-42)	7	.32	.32	3	6	48
Su:SIBLEYVILLE--	90	N/A	4e	Not prime farmland	B	Loamy Upland (pe35-42)	7	.32	.32	3	6	48
Sv:SOGN-----	55	N/A	7s	Not prime farmland	D	Shallow Limy (pe35-42)	5	.32	.32	1	4L	86
Sv:VINLAND-----	25	N/A	6s	Not prime farmland	D	Limy Upland (pe35-42)	8	.32	.32	2	7	38
Sw:STONY STEEP LAND-----	60	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
Sw:VINLAND-----	26	N/A	6e	Not prime farmland	D	Loamy Upland (pe30-37)	8	.32	.32	2	7	38

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								K	Kf	T		
Vn:VINLAND-----	100	N/A	6e	Not prime farmland	D	Limy Upland (pe35-42)	8	.32	.32	2	7	38
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wa:WABASH-----	90	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe30-37)	4	.28	.28	5	4	86
Wb:WABASH-----	88	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe30-37)	8	.28	.28	5	7	38
We:WELDA-----	95	N/A	3e	Not prime farmland	C	Savannah (pe30- 37)	7	.37	.37	5	6	48

