

Elk 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
015LA:LABETTE---	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
015LD:LABETTE---	50	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
015LD:DWIGHT----	40	N/A	N/A	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
015LS:LADYSMITH-	90	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
035FA:FLORENCE--	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
035SD:SOGN-----	90	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
073CA:CHASE-----	90	N/A	2w	All areas are prime farmland	C	Loamy Lowland (pe30-36)	8	.37	.37	5	7	38
073EB:ERAM-----	85	N/A	3e	All areas are prime farmland	C	Clay Upland (pe30-36)	8	.37	.37	3	7	38
073RE:READING---	90	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe35-42)	7	.32	.32	5	6	48
125BF:BATES-----	50	N/A	4e	Not prime farmland	B	Loamy Upland (pe35-42)	6	.32	.32	3	5	56
125BF:COLLINSVIL LE-----	40	N/A	6s	Not prime farmland	D	Shallow Sandstone (pe35- 42)	3	.20	.20	1	3	86
125ET:ERAM-----	50	N/A	6e	Not prime farmland	C	Clay Upland (pe35-42)	8	.37	.37	3	7	38
125ET:TALIHINA--	35	N/A	6s	Not prime farmland	D	Clay Upland (pe35-42)	4	.37	.37	2	4	86
125OS:OSAGE-----	90	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe35-42)	4	.28	.28	5	4	86
205BA:BATES-----	99	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe35-42)	6	.32	.32	3	5	56
205EB:ERAM-----	90	N/A	3e	All areas are prime farmland	C	Clay Upland (pe35-42)	7	.43	.43	3	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		
205ND:NIOTAZE---	50	N/A	6e	Not prime farmland	C	Savannah (pe35- 38)	9	.20	.32	3	8	0
205ND:DARNELL---	35	N/A	6	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.32	2	3	86
205PE:PRUE-----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe35-42)	7	.32	.32	5	6	48
205SC:SHIDLER---	70	N/A	6e	Not prime farmland	D	Shallow Limy (pe35-42)	8	.32	.32	1	7	38
205SC:CATOOSA---	15	N/A	2	Not prime farmland	B	Loamy Upland (pe35-42)	7	.37	.37	2	6	48
205SF:STEEDMAN--	90	N/A	6e	Not prime farmland	C	Loamy Upland (pe35-38)	9	.28	.43	3	8	0
205SM:STEPHENVIL LE-----	60	N/A	6e	Not prime farmland	B	Savannah (pe35- 38)	3	.24	.24	3	3	86
205SM:DARNELL---	30	N/A	4	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.24	2	3	86
205WO:WOODSON---	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe35-42)	7	.43	.43	3	6	48
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
Ba:BATES-----	90	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.20	.20	3	3	86
Bb:BATES-----	90	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.32	.32	3	5	56
Bf:BENFIELD-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.28	.55	3	8	0
Cd:CATOOSA-----	90	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe30-36)	7	.37	.37	2	6	48
Cf:CATOOSA-----	55	N/A	6e	Not prime farmland	B	Loamy Upland (pe30-36)	7	.37	.37	2	6	48
Cf:SOGN-----	35	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.37	1	4L	86
Ck:CLIME-----	100	N/A	7e	Not prime farmland	C	Limy Upland (pe30-36)	9	.28	.32	3	8	0
Cm:CLIME-----	90	N/A	4e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
Cs:CLIME-----	65	N/A	6e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
Cs:SOGN-----	20	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86

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								K	Kf	T		
Cv:COLLINSVILLE-	55	N/A	6e	Not prime farmland	D	Shallow Sandstone (pe35- 38)	3	.20	.20	1	3	86
Cv:BATES-----	35	N/A	3e	Not prime farmland	B	Loamy Upland (pe24-32)	3	.20	.20	3	3	86
De:DENNIS-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	7	.43	.43	5	6	48
Df:DENNIS-----	100	N/A	3e	Not prime farmland	C	Loamy Upland (pe24-32)	7	.43	.43	5	6	48
Dg:DENNIS-----	100	N/A	4e	Not prime farmland	C	Loamy Upland (pe24-32)	8	.37	.37	5	7	38
Dw:DWIGHT-----	90	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Em:ERAM-----	90	N/A	3e	All areas are prime farmland	C	Clay Upland (pe30-36)	7	.43	.43	3	6	48
En:ERAM-----	90	N/A	4e	Not prime farmland	C	Clay Upland (pe30-36)	8	.37	.37	3	7	38
Eo:ERAM-----	90	N/A	6e	Not prime farmland	C	Clay Upland (pe30-36)	8	.37	.37	3	7	38
Es:ERAM-----	70	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	7	.43	.43	3	6	48
Es:DWIGHT-----	30	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Fe:FIAT-----	90	N/A	3e	All areas are prime farmland	C	Clay Upland (pe30-36)	8	.37	.37	2	7	38
Fm:FLORENCE-----	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
Fm:MARTIN-----	30	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Iv:IVAN-----	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
Iw:IVAN-----	90	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
Kd:KENOMA-----	90	N/A	3e	All areas are prime farmland	D	Clay Upland (pe30-36)	7	.43	.43	3	6	48
La:LABETTE-----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Ld:LABETTE-----	65	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38

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								K	Kf	T		
Ld:DWIGHT-----	35	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Lg:LABETTE-----	55	N/A	2e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Lg:SOGN-----	35	N/A	6e	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Ln:LANTON-----	100	N/A	2w	Prime farmland if drained	C	Loamy Lowland (pe35-38)	8	.37	.37	5	7	38
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Mb:MARTIN-----	85	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	4	7	38
Mc:MARTIN-----	90	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Me:MARTIN-----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	4	.28	.28	5	4	86
Mn:MASON-----	90	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-36)	7	.37	.37	5	6	48
NDD:NIOTAZE-----	55	N/A	6e	Not prime farmland	C	Savannah (pe35- 38)	9	.20	.64	3	8	0
NDD:DARNELL-----	35	N/A	6	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.24	2	3	86
Nc:NEWTONIA-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Nd:NIOTAZE-----	75	N/A	6e	Not prime farmland	C	Savannah (pe35- 38)	9	.20	.20	3	8	0
Nd:DARNELL-----	15	N/A	6e	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.24	2	3	86
Os:OSAGE-----	100	N/A	2w	Prime farmland if drained	D	Clay Lowland (pe35-38)	4	.32	.32	5	4	86
Po:Pits, quarries-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	0
Pr:PRUE-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.24	.24	5	3	86
SXX:STEPHENVILLE	50	N/A	6e	Not prime farmland	B	Savannah (pe35- 38)	3	.24	.24	3	3	86
SXX:DARNELL-----	40	N/A	4	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.24	2	3	86

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								K	Kf	T		
Sh:SOGN-----	85	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
St:STEEDMAN----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe24-32)	9	.24	.37	3	8	0
Sv:STEPHENVILLE-	95	N/A	2e	All areas are prime farmland	B	Savannah (pe35- 38)	3	.24	.24	3	3	86
Sw:STEPHENVILLE-	50	N/A	6e	Not prime farmland	B	Savannah (pe35- 38)	3	.24	.24	3	3	86
Sw:DARNELL-----	40	N/A	4e	Not prime farmland	C	Shallow Savannah (pe35-38)	3	.24	.24	2	3	86
Vd:VERDIGRIS----	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe35-38)	7	.32	.32	5	6	48
Vf:VERDIGRIS----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe35-38)	7	.32	.32	5	6	48
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wo:WOODSON-----	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe35-42)	7	.43	.43	3	6	48

