

Butler 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		
017RA:READING---	85	N/A	1	All areas are prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.32	5	6	48
017TU:TULLY----	70	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.28	.28	5	8	0
035LE:LABETTE---	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
035LE:SOGN-----	30	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
035MA:MARTIN----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
035MB:MARTIN----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
035SD:SOGN-----	90	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
049CK:CLIME-----	100	N/A	7e	Not prime farmland	C	Limy Upland (pe30-36)	9	.28	.32	3	8	0
049FM:FLORENCE--	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
049FM:MARTIN----	30	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
073LS:LABETTE---	50	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
073LS:SOGN-----	35	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
073MB:MARTIN----	90	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
079DE:DETROIT---	100	1-	1	All areas are prime farmland	C	Loamy Terrace (pe25-34)	8	.37	.37	5	7	38
079GC:GEARY-----	100	1-	1	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
079GD:GEARY-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
079GE:GEARY-----	100	3e-	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
079HO:HOBBS-----	100	2w-	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	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		
115CH:CHASE-----	95	N/A	2w	All areas are prime farmland	C	Loamy Lowland (pe30-36)	8	.37	.37	5	7	38
115CS:CLIME-----	65	N/A	6e	Not prime farmland	C	Limy Upland (pe25-34)	4	.37	.37	3	4	86
115CS:SOGN-----	20	N/A	6s	Not prime farmland	D	Shallow Limy (pe25-34)	5	.32	.32	1	4L	86
115LG:LABETTE---	65	N/A	6e	Not prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	2	7	38
115LG:SOGN-----	25	N/A	6s	Not prime farmland	D	Shallow Limy (pe25-34)	5	.32	.32	1	4L	86
115VC:VERDIGRIS-	88	N/A	5w	Not prime farmland	B	Loamy Lowland (pe35-42)	7	.32	.32	5	6	48
115WB:WELLS-----	90	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.28	.28	5	6	48
173EA:ELANDCO---	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	7	.43	.43	5	6	48
173EC:ELANDCO---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	7	.43	.43	5	6	48
173VC:VANOSS----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
AED:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
BOP:BORROW PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Be:BENFIELD-----	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.28	.55	3	7	38
Be:LABETTE-----	20	N/A	N/A	Not prime farmland	C	Loamy Upland (pe30-36)	9	.28	.55	2	8	0
Br:BREWER-----	85	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe25-34)	8	.37	.37	5	7	38
Cs:CLIME-----	67	N/A	6e	Not prime farmland	C	Limy Upland (pe30-36)	4	.28	.28	3	4	86
Cs:SOGN-----	30	N/A	N/A	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Dt:DWIGHT-----	90	N/A	4s	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Dw:DWIGHT-----	85	N/A	6e	Not prime farmland	D	Clay Pan (pe30- 36)	8	.37	.37	2	7	38
FLL:FLORENCE----	60	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0

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								K	Kf	T		
FLL:LABETTE-----	25	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Fc:FLORENCE-----	85	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.20	.64	3	8	0
GRP:GRAVEL PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Go:GOESSEL-----	80	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	5	4	86
Gs:GOESSEL-----	85	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
IVC:IVAN-----	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
IVF:IVAN-----	90	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	5	.32	.32	5	4L	86
Ic:IRWIN-----	90	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
Id:IRWIN-----	85	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
Ie:IRWIN-----	85	N/A	4e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
If:IRWIN-----	85	N/A	4e	Not prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
La:LABETTE-----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Lb:LABETTE-----	85	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Lc:LABETTE-----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Ld:LABETTE-----	50	N/A	3e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Ld:DWIGHT-----	40	N/A	N/A	Not prime farmland	D	Clay Pan (pe30- 36)	7	.43	.43	2	6	48
Le:LABETTE-----	50	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	2	7	38
Le:SOGN-----	45	N/A	N/A	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86

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								K	Kf	T		
Ls:LADYSMITH----	90	N/A	3e	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.37	.37	5	7	38
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
No:NORGE-----	90	N/A	1	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Nr:NORGE-----	85	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Ns:NORGE-----	85	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Nt:NORGE-----	85	N/A	3e	Not prime farmland	B	Loamy Upland (pe25-34)	8	.32	.32	5	7	38
Od:OIL-WASTE LAND-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
On:OLPE-----	50	N/A	6e	Not prime farmland	C	Loamy Upland (pe30-36)	9	.24	.43	5	8	0
On:NORGE-----	30	N/A	4e	Not prime farmland	B	Loamy Upland (pe30-36)	7	.37	.37	5	6	48
Os:OSAGE-----	90	N/A	3w	Prime farmland if drained	D	Clay Lowland (pe25-34)	4	.28	.28	5	4	86
QUA:QUARRIES----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ro:ROSEHILL----	85	N/A	3e	Not prime farmland	D	Clay Upland (pe25-34)	4	.28	.28	3	4	86
So:SOGN-----	90	N/A	7s	Not prime farmland	D	Shallow Limy (pe30-36)	5	.32	.32	1	4L	86
Ts:TULLY-----	90	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Tt:TULLY-----	85	N/A	4e	Not prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Tu:TULLY-----	90	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe30-36)	8	.37	.37	5	7	38
Va:VANOSS-----	95	N/A	1	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Vb:VANOSS-----	85	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48

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								K	Kf	T		
Vd:VERDIGRIS----	90	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.32	5	6	48
Ve:VERDIGRIS----	85	N/A	5w	Not prime farmland	B	Loamy Lowland (pe30-36)	7	.32	.32	5	6	48
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---

