

Cloud 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		
027CT:CRETE-----	83	N/A	3e	All areas are prime farmland	C	Clay Upland (pe25-34)	8	.37	.37	5	7	38
027EU:EUDORA----	85	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	6	.32	.32	5	5	56
027HE:HAYNIE----	65	N/A	5w	Not prime farmland	B	Loamy Lowland (pe25-34)	5	.37	.37	5	4L	86
027HE:SARPY-----	34	N/A	5w	Not prime farmland	A	Sandy Lowland (pe25-34)	2	.17	.17	5	2	134
027HN:HOBBS-----	93	N/A	5w	Not prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	5	6	48
089ND:NIBSON----	100	N/A	6e	Not prime farmland	D	Limy Upland (pe20-26)	5	.32	.43	2	4L	86
123AB:ARMO-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe20-26)	5	.28	.28	5	4L	86
123AC:ARMO-----	100	N/A	6e	Not prime farmland	B	Limy Upland (pe20-26)	5	.28	.28	5	4L	86
123HB:HARNEY----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe20-26)	7	.37	.37	5	6	48
123HE:HARNEY----	80	N/A	4e	Not prime farmland	B	Loamy Upland (pe20-26)	8	.32	.32	5	7	38
123HE:MENTO-----	20	N/A	4e	Not prime farmland	C	Clay Upland (pe20-26)	7	.37	.37	3	6	48
123LA:LANCASTER--	70	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	3	6	48
123LA:ARMO-----	30	N/A	4e	All areas are prime farmland	B	Limy Upland (pe26-30)	5	.28	.28	5	4L	86
123NA:NEW CAMBRIA-----	100	N/A	2s	All areas are prime farmland	C	Clay Terrace (pe20-26)	4	.28	.28	5	4	86
123NC:NIBSON----	100	N/A	6e	Not prime farmland	D	Limy Upland (pe20-26)	5	.32	.43	2	4L	86
123RB:ROXBURY---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
123RC:ROXBURY---	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
123WA:WAKEEN----	100	N/A	4e	Not prime farmland	B	Limy Upland (pe20-26)	5	.32	.32	3	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		
143EE:EDALGO----	60	N/A	6e	Not prime farmland	C	Clay Upland (pe26-30)	7	.32	.43	3	6	48
143EE:HEDVILLE--	40	N/A	6e	Not prime farmland	D	Shallow Sandstone (pe26- 30)	9	.24	.55	1	8	0
143GE:GEARY-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
143HE:HEDVILLE--	70	N/A	7s	Not prime farmland	D	Shallow Sandstone (pe26- 30)	9	.24	.55	1	8	0
143HE:ROCK OUTCROP-----	30	N/A	8	Not prime farmland	D	Unspecified		---	---	-	---	---
143HP:HOBBS-----	55	N/A	6e	Not prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
143HP:GEARY-----	45	N/A	6e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
143LA:LANCASTER--	100	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	3	6	48
143RO:ROXBURY---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe26-30)	5	.32	.32	5	4L	86
157BK:GEARY-----	55	N/A	6e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
157BK:HOBBS-----	29	N/A	2w	Not prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	5	6	48
157CH:CRETE-----	75	3e-	3e	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
157ED:EUDORA----	90	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe25-34)	6	.32	.32	5	5	56
157KN:KENESAW---	90	N/A	4e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
157SD:INAVALE---	100	N/A	6e	Not prime farmland	A	Sandy Lowland (pe20-26)	2	.17	.17	5	2	134
201CG:CASS-----	89	N/A	2w	All areas are prime farmland	B	Sandy Lowland (pe26-30)	3	.20	.20	4	3	86
201CS:CRETE-----	95	N/A	2e	All areas are prime farmland	C	Clay Upland (pe26-30)	8	.37	.37	5	7	38
201SA:SARPY-----	90	N/A	4s	Not prime farmland	A	Sands (pe26-30)	2	.17	.17	5	2	134
Aa:HOBBS-----	83	N/A	5w	Not prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48

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								K	Kf	T		
Ah:Saltine-----	98	5w-	5w	Not prime farmland	C	Saline Lowland (pe26-30)	5	.32	.32	5	4L	86
Ar:ARMO-----	75	N/A	3e	All areas are prime farmland	B	Limy Upland (pe26-30)	5	.32	.32	5	4L	86
Ba:HASTINGS-----	58	6e-	6e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Ba:HOBBS-----	40	N/A	5w	Not prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
Br:BRIDGEPORT---	98	2w-	2w	All areas are prime farmland	B	Loamy Lowland (pe26-30)	5	.32	.32	5	4L	86
CLP:CLAY PITS---	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ca:COZAD-----	50	2w-	2w	All areas are prime farmland	B	Silty Lowland - Veg. Zone 3	7	.32	.32	5	6	48
Ca:CASS-----	25	2w-	2w	All areas are prime farmland	B	Sandy Lowland - Veg. Zone 3	3	.20	.20	5	3	86
Cb:Cass-----	100	2e-	2e	Not prime farmland	B	Sandy Lowland - Veg. Zone 3	3	.20	.20	5	3	86
Cf:MUNJOR-----	50	N/A	7w	Not prime farmland	B	Sandy Lowland - Veg. Zone 3	3	.24	.24	5	3	86
Cf:INVALE-----	49	N/A	7w	Not prime farmland	A	Sandy Lowland (pe20-26)	2	.17	.17	5	2	134
Cr:CRETE-----	100	N/A	2s	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
Cs:CRETE-----	80	2e-	2e	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
Ct:CRETE-----	80	3e-	3e	All areas are prime farmland	C	Clay Upland (pe26-30)	7	.37	.37	5	6	48
Cu:CRETE-----	78	3e-	3e	Not prime farmland	C	Clay Upland (pe26-30)	8	.37	.37	5	7	38
De:DETROIT-----	83	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe26-30)	8	.37	.37	5	7	38
Eu:EUDORA-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe26-30)	6	.32	.32	5	5	56
GRP:GRAVEL PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ge:GEARY-----	70	3e-	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48

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								K	Kf	T		
Gs:GEARY-----	70	N/A	3e	Not prime farmland	B	Loamy Upland (pe26-30)	8	.32	.32	4	7	38
Hb:HASTINGS-----	85	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Hc:HASTINGS-----	80	3e-	3e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Hd:HASTINGS-----	85	3e-	3e	Not prime farmland	B	Loamy Upland (pe26-30)	8	.32	.32	5	7	38
He:HEDVILLE-----	75	N/A	7e	Not prime farmland	D	Shallow Sandstone (pe26- 30)	9	.24	.55	1	8	0
Ho:HOBBS-----	73	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	5	6	48
Hr:HORD-----	79	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe26-30)	7	.32	.32	5	6	48
Hu:HUMBARGER-----	74	2w-	2w	All areas are prime farmland	B	Loamy Lowland (pe26-30)	5	.28	.28	5	4L	86
Kp:KIPSON-----	65	N/A	6e	Not prime farmland	D	Limy Upland (pe26-30)	9	.24	.55	2	8	0
Lh:LANCASTER-----	55	N/A	6e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	3	6	48
Lh:HEDVILLE-----	28	N/A	6e	Not prime farmland	D	Shallow Sandstone (pe26- 30)	9	.28	.28	1	8	0
Lm:LONGFORD-----	70	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Ln:LONGFORD-----	65	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Lo:LONGFORD-----	65	N/A	3e	Not prime farmland	C	Loamy Upland (pe26-30)	8	.32	.32	5	7	38
M- W:MISCELLANEOUS WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Mc:MCCOOK-----	98	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe20-26)	5	.32	.32	5	4L	86
Mr:MUIR-----	84	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe25-34)	7	.32	.32	5	6	48
Nc:NEW CAMBRIA--	83	N/A	2s	All areas are prime farmland	C	Clay Terrace (pe26-30)	4	.37	.37	5	4	86

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								K	Kf	T		
Nu:NUCKOLLS-----	85	4e-	4e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
Nx:NUCKOLLS-----	85	4e-	4e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
QUA:QUARRIES----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Rx:ROXBURY-----	78	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe26-30)	5	.32	.32	5	4L	86
SAP:SAND PITS----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Sa:INVALE-----	85	N/A	3w	Not prime farmland	A	Sandy Lowland (pe20-26)	2	.17	.17	5	2	134
Sd:INVALE-----	100	N/A	6e	Not prime farmland	A	Sandy Lowland (pe20-26)	2	.17	.17	5	2	134
St:SUTPHEN-----	85	N/A	2w	All areas are prime farmland	D	Clay Lowland (pe26-30)	4	.28	.28	5	4	86
To:TOBIN-----	78	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
W:WATER-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Wa:WAKEEN-----	70	N/A	4e	Not prime farmland	B	Limy Upland (pe26-30)	5	.32	.32	3	4L	86

