

Republic County, Kansas: Maintenance needed
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		
029AA:HOBBS-----	83	N/A	5w	Not prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
029AR:ARMO-----	75	N/A	3e	All areas are prime farmland	B	Limy Upland (pe26-30)	5	.32	.32	5	4L	86
029BA:HASTINGS--	58	6e-	6e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
029BA:HOBBS-----	40	N/A	5w	Not prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
029CT:CRETE-----	80	3e-	3e	All areas are prime farmland	C	Clay Upland (pe26-30)	7	.37	.37	5	6	48
029GE:GEARY-----	70	3e-	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
029GS:GEARY-----	70	N/A	3e	Not prime farmland	B	Loamy Upland (pe26-30)	8	.32	.32	4	7	38
029LH:LANCASTER--	55	N/A	6e	Not prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	3	6	48
029LH:HEDVILLE--	28	N/A	6e	Not prime farmland	D	Shallow Sandstone (pe26- 30)	9	.28	.28	1	8	0
029LN:LONGFORD--	65	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe26-30)	7	.32	.32	5	6	48
029SA:INVALE----	85	N/A	3w	Not prime farmland	A	Sandy Lowland (pe20-26)	2	.17	.17	5	2	134
029TO:TOBIN-----	78	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe26-30)	7	.32	.32	5	6	48
089AR:ARMO-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe20-26)	5	.28	.28	5	4L	86
089BA:BOGUE-----	75	N/A	6e	Not prime farmland	D	Blue Shale (pe20-26)	4	.28	.28	3	4	86
089BA:ARMO-----	25	N/A	6e	Not prime farmland	B	Limy Upland (pe20-26)	5	.28	.28	5	4L	86
089BB:BOGUE-----	80	N/A	7e	Not prime farmland	D	Blue Shale (pe20-26)	4	.28	.28	3	4	86
089GN:GIBBON----	100	N/A	2w	Prime farmland if drained	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
089HB:HARNEY----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe20-26)	7	.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		
089HC:HARNEY----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe20-26)	7	.37	.37	5	6	48
089HF:HARNEY----	100	N/A	4e	Not prime farmland	B	Loamy Upland (pe20-26)	8	.32	.32	5	7	38
089HS:HOLDREGE--	55	N/A	4e	Not prime farmland	B	Loamy Upland (pe20-26)	8	.37	.37	5	7	38
089HS:GEARY-----	45	N/A	4e	Not prime farmland	B	Loamy Upland (pe20-26)	8	.37	.37	4	7	38
089HU:HORD-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe26-30)	7	.32	.32	5	6	48
089MC:MCCOOK----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe20-26)	5	.32	.32	5	4L	86
089NC:NEW CAMBRIA-----	100	N/A	2s	All areas are prime farmland	C	Clay Terrace (pe20-26)	4	.28	.28	5	4	86
089ND:NIBSON----	100	N/A	6e	Not prime farmland	D	Limy Upland (pe20-26)	5	.32	.43	2	4L	86
089NR:NUCKOLLS--	80	N/A	6e	Not prime farmland	B	Loamy Upland (pe20-26)	7	.32	.32	5	6	48
089NR:ROXBURY---	20	N/A	6e	Not prime farmland	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
089RB:ROXBURY---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
089RC:ROXBURY---	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe20-26)	5	.32	.32	5	4L	86
201CS:CRETE-----	95	N/A	2e	All areas are prime farmland	C	Clay Upland (pe26-30)	8	.37	.37	5	7	38
201KP:KIPSON----	90	N/A	6e	Not prime farmland	D	Limy Upland (pe25-34)	5	.32	.49	2	4L	86
201LC:LANCASTER-	100	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	3	6	48
201TY:TULLY-----	85	N/A	4e	Not prime farmland	C	Loamy Upland (pe26-30)	8	.37	.37	5	7	38
201WE:WELLS-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe26-30)	7	.28	.28	5	6	48
BOP:BORROW PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Bk:GEARY-----	55	N/A	6e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48

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								K	Kf	T		
Bk:HOBBS-----	29	N/A	2w	Not prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	5	6	48
Bu:BUTLER-----	84	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	7	.37	.37	3	6	48
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
Ce:CRETE-----	84	2s-	2s	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
Cf:CRETE-----	79	2e-	2e	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
Ch:CRETE-----	75	3e-	3e	All areas are prime farmland	C	Clay Upland (pe25-34)	7	.37	.37	5	6	48
Cr:CRETE-----	75	3e-	3e	Not prime farmland	C	Clay Upland (pe26-30)	8	.37	.37	5	7	38
Dt:DETROIT-----	89	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe26-30)	8	.37	.37	5	7	38
Ed:EUDORA-----	90	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe25-34)	6	.32	.32	5	5	56
Eu:EUDORA-----	90	N/A	3e	Not prime farmland	B	Loamy Terrace (pe25-34)	6	.32	.32	5	5	56
Gc:GEARY-----	70	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Gr:GEARY-----	70	N/A	4e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Ha:HASTINGS-----	79	N/A	1	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Hb:HASTINGS-----	80	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Hc:HASTINGS-----	85	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.37	.37	5	6	48
Hd:HASTINGS-----	85	N/A	3e	Not prime farmland	B	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
He:HASTINGS-----	90	N/A	4e	Not prime farmland	B	Loamy Upland (pe25-34)	8	.37	.37	5	7	38

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								K	Kf	T		
Hf:HASTINGS-----	70	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Hf:ORTELLO-----	30	N/A	3e	All areas are prime farmland	B	Sandy (pe25-34)	3	.20	.20	4	3	86
Ho:HASTINGS-----	70	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Ho:ORTELLO-----	30	N/A	3e	All areas are prime farmland	B	Sandy (pe25-34)	3	.20	.20	4	3	86
Hp:HASTINGS-----	70	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
Hp:HOBBS-----	28	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	8	.32	.32	5	7	38
Hs:HOBBS-----	88	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	7	.32	.32	5	6	48
Ht:HUMBARGER----	69	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	5	.28	.28	5	4L	86
Hu:HUMBARGER----	69	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe25-34)	5	.28	.28	5	4L	86
Ke:KENESAW-----	90	N/A	4e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Kn:KENESAW-----	90	N/A	4e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.32	.32	5	6	48
Kp:KIPSON-----	85	N/A	6e	Not prime farmland	D	Limy Upland (pe25-34)	5	.32	.43	2	4L	86
LOO:LONGFORD----	90	N/A	4e	Not prime farmland	C	Loamy Upland (pe26-30)	8	.32	.32	5	7	38
La:Wells-----	70	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe25-34)	7	.28	.28	5	6	48
Lc:Wells-----	70	N/A	3e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.28	.28	5	6	48
Lh:LANCASTER----	50	N/A	6e	Not prime farmland	B	Loamy Upland (pe25-34)	7	.28	.28	3	6	48
Lh:HEDVILLE----	28	N/A	6e	Not prime farmland	D	Shallow Sandstone (pe25- 34)	6	.32	.32	1	5	56
Mr:MUIR-----	89	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe25-34)	7	.32	.32	5	6	48

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								K	Kf	T		
Mu:MUIR-----	100	N/A	3e	All areas are prime farmland	B	Loamy Terrace (pe25-34)	7	.32	.32	5	6	48
Ro:Coly-----	100	N/A	7e	Not prime farmland	B	Loamy Upland (pe25-34)	5	.43	.43	5	4L	86
SAN:SAND AND GRAVEL 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
Tu:TULLY-----	75	N/A	3e	Not prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
Ty:TULLY-----	75	N/A	3e	Not prime farmland	C	Loamy Upland (pe25-34)	8	.37	.37	5	7	38
W:WATER (REPUBLICAN)---	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Wa:Saltine-----	98	5w-	5w	Not prime farmland	C	Saline Lowland (pe26-30)	5	.32	.32	5	4L	86

