

Harper 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 erodibility group	Wind erodibility index
								K	Kf	T		
007AE:ALBION----	55	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	6G	.20	.20	4	3	86
007AE:SHELLABARGER-----	45	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	5	.20	.20	5	3	86
007AS:CLAIREMONT	100	N/A	6s	Not prime farmland	B	Saline Lowland (pe20-25)	1K	.43	.43	5	4L	86
007FU:FARNUM----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
007KA:KANZA-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.17	.17	5	2	134
095AD:ALBION----	100	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
095DA:DILLWYN---	60	N/A	4w	Not prime farmland	A	Subirrigated (pe24-32)	1	.17	.17	5	2	134
095DA:PLEVNA----	40	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.20	.20	5	3	86
095LA:LINCOLN---	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	1K	.17	.17	5	2	134
095NB:NASHVILLE-	60	N/A	4e	Not prime farmland	B	Loamy Upland (pe24-32)	6D	.32	.32	3	6	48
095NB:QUINLAN---	40	N/A	6e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
095SA:SHELLABARGER-----	100	N/A	2e	Not prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	2	134
095SC:SHELLABARGER-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
095SD:SHELLABARGER-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
095ZA:ZENDA-----	100	N/A	2w	All areas are prime farmland	C	Subirrigated (pe24-32)	1	.28	.28	5	6	48
1439:CRISFIELD--	100	N/A	3s	Not prime farmland	B	Sandy Terrace (pe24-32)	5	.15	.15	5	3	86
191EA:ELANDCO---	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe24-32)	1	.37	.37	5	7	38
191EC:ELANDCO---	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.43	.43	5	6	48
191LS:LINCOLN---	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	1K	.17	.17	5	2	134

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								K	Kf	T		
191OP:WELLSFORD--	65	N/A	6e	Not prime farmland	D	Red Clay Prairie (pe24-32)		.32	.32	2	4	86
191OP:ELANDCO---	35	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.43	.43	5	6	48
191PD:POND CREEK	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
191RA:RENFROW---	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
191RA:GRAINOLA--	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)		.43	.43	3	6	48
191TA:TABLER----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	7	38
191US:USTIFLUVEN TS-----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
An:KASKI-----	100	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.28	.28	5	6	48
At:ATTICA-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.24	.24	5	3	86
Be:BETHANY-----	100	N/A	1	All areas are prime farmland	C	Loamy Upland (pe24-32)	4C	.43	.43	5	6	48
Bh:BETHANY-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	4C	.43	.43	5	6	48
Bm:LINCOLN-----	100	N/A	4s	Not prime farmland	A	Sands (pe24-32)	1K	.17	.17	5	2	134
Bo:GERLANE-----	100	N/A	5w	Not prime farmland	A	Sands (pe24-32)	1	.17	.17	5	2	134
Bp:WOODWARD-----	65	N/A	6e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86
Bp:PORT-----	35	N/A	5w	Not prime farmland	B	Loamy Lowland (pe24-32)	1	.37	.37	5	6	48
Br:BROKEN ALLUVIAL LAND--	100	N/A	6w	Not prime farmland	B	Unspecified		.37	.37	5	4L	86
Ca:CARWILE-----	100	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	1	.24	.24	5	3	86
Cc:CASE-----	70	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.32	.32	5	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 erodibility group	Wind erodibility index
								K	Kf	T		
Cc:CLARK-----	30	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	8	.28	.28	5	4L	86
Ce:CORBIN-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Cf:CORBIN-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.32	.32	5	6	48
Fa:FARNUM-----	100	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fm:FARNUM-----	100	1-	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fn:FARNUM-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Fu:FARNUM-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
GRP:GRAVEL PITS-	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Ge:GERLANE-----	100	N/A	2e	All areas are prime farmland	B	Subirrigated (pe24-32)	1	.20	.20	5	3	86
Gn:GRANT-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
Gr:GRANT-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
Gs:GRANT-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	4	5	56
INT:AQUOLLS-----	100	N/A	5w	Not prime farmland	C	Unspecified		---	---	-	---	0
Ka:KANZA-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.17	.20	5	2	134
Kk:KASKI-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe24-32)	1	.28	.28	5	6	48
Km:KIRKLAND-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.49	.49	5	6	48
Kr:KIRKLAND-----	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	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		
Kr:RENFROW-----	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Kw:KIRKLAND-----	70	N/A	4e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Kw:RENFROW-----	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Mc:MINCO-----	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
Mn:MINCO-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
Mo:MINCO-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	5	56
Na:NASHVILLE----	100	N/A	2s	All areas are prime farmland	B	Loamy Upland (pe24-32)	6D	.32	.32	3	6	48
Ne:NASHVILLE----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6D	.32	.32	3	6	48
Nh:NASHVILLE----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6D	.32	.32	3	6	48
Nn:NASHVILLE----	100	N/A	4e	Not prime farmland	B	Loamy Upland (pe24-32)	6D	.32	.32	3	6	48
No:NORGE-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.28	.28	5	6	48
Pc:POND CREEK---	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pd:POND CREEK---	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pe:POND CREEK---	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Pg:POND CREEK---	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	3	.37	.37	5	6	48
Ph:DALE-----	100	N/A	1	All areas are prime farmland	B	Loamy Terrace (pe24-32)	1	.37	.37	5	5	56

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								K	Kf	T		
Pk:PORT-----	100	N/A	3s	Not prime farmland	B	Saline Lowland (pe24-32)	9L	.32	.32	5	5	56
Pm:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Pn:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	3	2	134
Po:PRATT-----	65	3e-	4e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Po:CARWILE-----	35	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	1	.24	.24	5	3	86
Pt:PRATT-----	50	N/A	6e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Pt:TIVOLI-----	50	N/A	7e	Not prime farmland	A	Sands (pe24-32)	7	.17	.17	5	2	134
Qa:QUINLAN-----	100	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
Qn:QUINLAN-----	100	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
Qu:QUINLAN-----	100	N/A	4e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
Rc:RENFROW-----	65	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
Rc:VERNON-----	35	4e-	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4C	.37	.37	4	4	86
Re:RUELLA-----	100	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	8	.32	.32	5	4L	86
Rh:RUELLA-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	8	.32	.32	5	4L	86
Ru:RUELLA-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	8	.32	.32	5	4L	86
SHH:SHELLABARGER	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sa:LESHO-----	100	4s-	6s	Not prime farmland	C	Saline Subirrigated (pe24-32)	1K	.28	.28	4	4L	86
Sb:SHELLABARGER-	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86

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								K	Kf	T		
Se:SHELLABARGER-	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sf:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sg:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
Sh:ZELLMONT-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	6	.20	.20	3	3	86
Sk:ZELLMONT-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe21-28)	6	.20	.20	3	3	86
Sm:ZELLMONT-----	100	N/A	3e	Not prime farmland	B	Sandy (pe21-28)	6	.20	.20	3	3	86
Sn:SHELLABARGER-	100	N/A	2e	Not prime farmland	B	Sands (pe24-32)	5	.20	.28	5	2	134
So:SHELLABARGER-	70	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	5	.20	.20	5	3	86
So:ALBION-----	30	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	6G	.20	.20	4	3	86
Sp:DRUMMOND-----	100	N/A	6s	Not prime farmland	D	Saline Lowland (pe24-32)	9W	.49	.49	2	4L	86
Ta:TABLER-----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	7	38
Th:TIVOLI-----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe24-32)	7	.17	.17	5	1	250
Vr:VERNON-----	60	4e-	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4C	.37	.37	4	4	86
Vr:RENFROW-----	40	N/A	4e	Not prime farmland	D	Clay Upland (pe24-32)	4C	.43	.43	5	6	48
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wa:KINGMAN-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.32	.32	5	4L	86
Wd:WOODWARD-----	50	N/A	2e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86
Wd:QUINLAN-----	50	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
We:WOODWARD-----	50	N/A	2e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86

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We:QUINLAN-----	50	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
Ww:WOODWARD-----	50	N/A	3e	Not prime farmland	B	Loamy Upland (pe24-32)	8	.37	.37	3	4L	86
Ww:QUINLAN-----	50	N/A	4e	Not prime farmland	C	Shallow Prairie (pe24-32)	10	.37	.37	2	4L	86
Za:CANADIAN-----	100	N/A	2e	All areas are prime farmland	B	Sandy Lowland (pe24-32)	1	.20	.20	5	3	86
Zf:ZENDA-----	100	N/A	2w	All areas are prime farmland	C	Subirrigated (pe24-32)	1	.28	.28	5	3	86

