

Kingman 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		
007AE:ALBION----	55	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	3	.20	.20	4	3	86
007AE:SHELLABARG ER-----	45	N/A	6e	Not prime farmland	B	Sandy (pe20-25)	3	.20	.20	5	3	86
007FA:FARNUM----	100	1-	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
077KA:KANZA-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	2	.17	.20	5	2	134
077KR:KIRKLAND--	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	5	6	48
077KR:RENFROW---	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	5	6	48
077NN:NASHVILLE-	100	N/A	4e	Not prime farmland	B	Loamy Upland (pe24-32)	7	.32	.32	3	6	48
077PC:POND CREEK	100	N/A	1	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
077RC:RENFROW---	65	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	5	6	48
077RC:VERNON----	35	4e-	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.37	.37	4	4	86
077SB:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
077SE:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
077SF:SHELLABARG ER-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
077SG:SHELLABARG ER-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
077SH:SHELLABARG ER-----	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.24	.24	3	3	86
1004:ALBION-----	90	N/A	3e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
1005:ALBION-----	75	N/A	3e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	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		
1006:ALBION-----	100	N/A	4e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
	100	N/A	3e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
1011:ALBION-----	70	N/A	3e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
1011:SHELLABARGE R-----	30	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
1017:ALBION-----	45	N/A	3e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
1017:SHELLABARGE R-----	40	N/A	2e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
1061:ARENTS, EARTHEN DAM----	100	N/A	8	Not prime farmland		Unspecified		---	---	-	---	---
1359:CLARK-----	70	N/A	2c	All areas are prime farmland	B	Limy Upland (pe21-28)	5	.28	.28	5	4L	86
1359:OST-----	30	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
151AO:ALBION----	100	N/A	4e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
151CN:CLARK-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe24-32)	3	.20	.20	5	3	86
151CO:CLARK-----	70	N/A	2c	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
151CO:OST-----	30	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.32	.32	5	6	48
151KP:KANZA-----	50	N/A	5w	Not prime farmland	D	Unspecified	2	.17	.17	5	2	134
151KP:PLEVNA----	50	N/A	5w	Not prime farmland	D	Subirrigated (pe21-28)	3	.20	.20	5	3	86
151ND:NARON-----	100	1-	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
151NF:NARON-----	100	2e-	3e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
151OC:OST-----	100	N/A	2c	All areas are prime farmland	B	Loamy Lowland (pe21-28)	7	.32	.32	5	6	48
151OS:OST-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe21-28)	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		
151PN:PRATT-----	100	N/A	6e	Not prime farmland	A	Sands (pe21-28)	2	.17	.17	5	2	134
151SE:SHELLABARG ER-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
151ZS:ZENDA-----	50	N/A	4s	Not prime farmland	C	Subirrigated (pe21-28)	7	.28	.28	5	6	48
151ZS:DRUMMOND--	50	N/A	6s	Not prime farmland	D	Saline Lowland (pe21-28)	5	.49	.49	2	4L	86
1555:DILLHUT----	35	3e-	3e	Not prime farmland	B	Sands (pe21-28)	1	.15	.15	5	1	220
1555:PLEV-----	35	N/A	5w	Not prime farmland	B	Subirrigated (pe21-28)	2	.17	.17	5	2	134
1728:FARNUM-----	40	1-	2c	All areas are prime farmland	B	Loamy Upland (pe21-28)	7	.28	.28	5	6	56
1728:FUNMAR-----	40	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.28	.28	5	6	56
173MA:MILAN-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
173PB:PLEVNA----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	3	.20	.20	5	3	86
173RA:RENFROW---	100	N/A	3e	All areas are prime farmland	D	Red Clay Prairie (pe24-32)	8	.43	.43	5	7	38
173RC:RENFROW---	65	N/A	3e	Not prime farmland	D	Red Clay Prairie (pe24-32)	7	.43	.43	5	6	48
173RC:WELLSFORD-	35	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.32	.32	2	4	86
173TA:TABLER----	100	N/A	2s	All areas are prime farmland	D	Clay Upland (pe25-34)	8	.43	.43	5	7	38
191RA:RENFROW---	70	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	5	6	48
191RA:GRAINOLA--	30	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	3	6	48
2205:JAMASH-----	60	N/A	4e	Not prime farmland	D	Shallow Prairie (pe24-32)	8	.37	.37	2	7	38
2205:PIEDMONT---	40	N/A	3e	Not prime farmland	D	Clay Upland (pe24-32)	8	.37	.37	3	7	38
2381:KANZA-----	50	N/A	5w	Not prime farmland	D	Subirrigated (pe21-28)	3	.20	.20	5	3	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		
2381:NINNESCAH--	50	N/A	5w	Not prime farmland	B	Subirrigated (pe21-28)	3	.20	.20	5	3	86
2390:KASKAN----	85	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe21-28)	7	.28	.28	4	6	48
2556:LANGDON----	50	N/A	6e	Not prime farmland	A	Choppy Sands (pe21-28)	1	.15	.15	5	1	220
2812:MAHONE-----	95	N/A	2w	Not prime farmland	C	Loamy Lowland (pe21-28)	2	.17	.17	5	2	134
2948:NALIM-----	80	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.28	.28	5	5	56
3051:OST-----	90	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
3052:OST-----	55	N/A	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
3052:CLARK-----	45	N/A	2c	All areas are prime farmland	B	Limy Upland (pe21-28)	5	.28	.28	5	4L	86
3170:PENALOSA---	100	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.37	.37	5	6	48
3171:PENALOSA---	100	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.37	.37	5	6	48
3180:PRATT-----	85	3e-	3e	Not prime farmland	A	Sands (pe21-28)	1	.15	.15	5	1	220
3181:PRATT-----	45	3e-	3e	Not prime farmland	A	Sands (pe21-28)	1	.15	.15	5	1	220
3181:TURON-----	30	3e-	3e	Not prime farmland	A	Sands (pe21-28)	1	.15	.15	5	1	220
3445:SHELLABARGE R-----	100	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3510:SALTCREEK--	50	1-	3e	All areas are prime farmland	C	Sandy (pe21-28)	3	.20	.20	5	3	86
3510:FUNMAR-----	30	1-	2c	All areas are prime farmland	C	Loamy Upland (pe21-28)	7	.28	.28	5	6	56
3510:FARNUM-----	20	1-	2c	All areas are prime farmland	B	Loamy Upland (pe21-28)	7	.28	.28	5	6	56
3530:SHELLABARGE R-----	45	N/A	2e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86

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								K	Kf	T		
3530:ALBION-----	40	N/A	3e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.24	4	3	86
3531:SHELLABARGE R-----	50	N/A	2e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3531:NALIM-----	50	2e-	2e	Not prime farmland	B	Loamy Upland (pe24-32)	6	.28	.28	5	5	86
3532:SHELLABARGE R-----	80	N/A	2e	Not prime farmland	B	Sandy (pe21-28)	2	.17	.17	5	2	134
3533:SHELLABARGE R-----	85	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3534:SHELLABARGE R-----	85	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3535:SHELLABARGE R-----	55	N/A	2e	All areas are prime farmland	B	Sandy (pe21-28)	3	.20	.20	5	3	86
3535:NALIM-----	45	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	6	.28	.28	5	5	86
3926:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
3966:WILLOWBROOK	90	2e-	3e	Not prime farmland	B	Subirrigated (pe21-28)	3	.20	.20	4	3	86
4005:YAGGY-----	60	2e-	3e	Not prime farmland	C	Sandy Lowland (pe21-28)	3	.20	.20	3	3	86
4005:SAXMAN-----	30	2e-	3e	Not prime farmland	A	Sandy Lowland (pe21-28)	2	.20	.20	5	2	134
4110:ZELLMONT---	70	N/A	2e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.20	3	3	86
4110:POXMASH----	30	N/A	3e	Not prime farmland	B	Sandy (pe21-28)	3	.20	.20	4	3	86
990:ABBYVILLE---	95	3s-	3s	Not prime farmland	C	Saline Subirrigated (pe21-28)	7	.43	.43	2	6	48
991:ABBYVILLE---	45	3s-	3s	Not prime farmland	C	Saline Subirrigated (pe21-28)	3	.32	.32	2	3	86
991:KISIWA-----	40	N/A	4s	Not prime farmland	D	Saline Subirrigated (pe21-28)	7	.43	.43	2	6	48
AED:ARENTS, EARTHEN DAM----	100	N/A	N/A	Not prime farmland		Unspecified		---	---	-	---	---
Aa:ALBION-----	100	N/A	3s	Prime farmland if irrigated	B	Sandy (pe24-32)	3	.20	.20	4	3	86

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								K	Kf	T		
Ab:ALBION-----	100	N/A	3e	Prime farmland if irrigated	B	Sandy (pe24-32)	3	.20	.20	4	3	86
Ac:ALBION-----	100	N/A	4e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
Ad:ALBION-----	100	N/A	6e	Not prime farmland	B	Sandy (pe24-32)	3	.20	.20	4	3	86
Ba:BLANKET-----	100	N/A	2c	All areas are prime farmland	C	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Bb:BLANKET-----	100	N/A	2e	All areas are prime farmland	C	Loamy Upland (pe24-32)	6	.37	.37	5	5	56
Bc:BLANKET-----	100	N/A	3e	All areas are prime farmland	C	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Ca:CANADIAN-----	100	N/A	2e	All areas are prime farmland	B	Sandy Terrace (pe24-32)	3	.20	.20	5	3	86
Cb:CARWILE-----	100	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	3	.24	.24	5	3	86
Cc:CASE-----	60	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.32	.32	5	4L	86
Cc:CLARK-----	40	N/A	4e	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
Cd:CASE-----	60	N/A	6e	Not prime farmland	B	Limy Upland (pe24-32)	5	.32	.32	5	4L	86
Cd:CLARK-----	40	N/A	4e	Not prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
Ce:CLARK-----	100	N/A	2c	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
Cf:CLARK-----	100	N/A	3e	All areas are prime farmland	B	Limy Upland (pe24-32)	5	.28	.28	5	4L	86
Da:DILLWYN-----	60	N/A	4w	Not prime farmland	A	Subirrigated (pe24-32)	2	.17	.17	5	2	134
Da:PLEVNA-----	40	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	3	.20	.20	5	3	86
Fa:FARNUM-----	100	2e-	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Fb:FARNUM-----	100	1-	2c	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48

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								K	Kf	T		
Fc:FARNUM-----	100	2e-	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Fd:FARNUM-----	100	N/A	3e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Fe:FARNUM-----	100	N/A	4e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Ff:FARNUM-----	60	N/A	4s	Not prime farmland	B	Loamy Upland (pe24-32)	7	.28	.28	5	6	48
Ff:NATRUSTOLLS--	40	N/A	6s	Not prime farmland		Unspecified		---	---	-	---	---
Ka:KASKI-----	100	N/A	2w	All areas are prime farmland	B	Loamy Lowland (pe24-32)	7	.28	.28	5	6	48
Kb:KINGMAN-----	100	N/A	5w	Not prime farmland	D	Subirrigated (pe24-32)	5	.32	.32	5	4L	86
La:LINCOLN-----	100	N/A	6w	Not prime farmland	A	Sandy Lowland (pe24-32)	2	.17	.17	5	2	134
Ma:MCLAIN-----	100	N/A	1	All areas are prime farmland	C	Loamy Terrace (pe24-32)	7	.43	.43	5	6	48
Na:NASHVILLE----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.32	.32	3	6	48
Nb:NASHVILLE----	60	N/A	4e	Not prime farmland	B	Loamy Upland (pe24-32)	7	.32	.32	3	6	48
Nb:QUINLAN-----	40	N/A	6e	Not prime farmland	C	Shallow Prairie (pe24-32)	5	.37	.37	2	4L	86
Oa:OWENS-----	100	N/A	4e	Not prime farmland	D	Red Clay Prairie (pe24-32)	4	.32	.32	2	4	86
Pa:POND CREEK---	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	7	.37	.37	5	6	48
Pb:PRATT-----	100	3e-	4e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Pc:PRATT-----	60	3e-	3e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Pc:CARWILE-----	40	N/A	2w	Not prime farmland	D	Sandy (pe24-32)	3	.24	.24	5	3	86
Pd:PRATT-----	50	3e-	4e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134
Pd:TIVOLI-----	50	N/A	7e	Not prime farmland	A	Sands (pe24-32)	2	.17	.17	5	2	134

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								K	Kf	T		
Qa:QUINLAN-----	100	N/A	3e	Not prime farmland	C	Shallow Prairie (pe24-32)	5	.37	.37	2	4L	86
Qb:QUINLAN-----	100	N/A	4e	Not prime farmland	C	Shallow Prairie (pe24-32)	5	.37	.37	2	4L	86
Ra:RENFROW-----	100	N/A	3e	All areas are prime farmland	D	Clay Upland (pe24-32)	7	.43	.43	5	6	48
Rb:RUELLA-----	100	N/A	2e	All areas are prime farmland	B	Loamy Upland (pe24-32)	5	.32	.32	5	4L	86
Rc:RUELLA-----	60	N/A	3e	Not prime farmland	B	Loamy Upland (pe24-32)	5	.32	.32	5	4L	86
Rc:ROCK OUTCROP-	40	N/A	8s	Not prime farmland	D	Unspecified		---	---	-	---	---
Sa:SHELLABARGER-	100	N/A	2e	Not prime farmland	B	Sandy (pe24-32)	2	.20	.20	5	2	134
Sb:SHELLABARGER-	100	N/A	2e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Sc:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Sd:SHELLABARGER-	100	N/A	3e	All areas are prime farmland	B	Sandy (pe24-32)	3	.20	.20	5	3	86
Ta:TIVOLI-----	100	N/A	7e	Not prime farmland	A	Choppy Sands (pe24-32)	1	.17	.17	5	1	250
W:WATER-----	100	N/A	N/A			Unspecified		---	---	-	---	---
Wa:WALDECK-----	100	N/A	3w	All areas are prime farmland	C	Subirrigated (pe24-32)	3	.20	.20	4	3	86
Za:ZENDA-----	100	N/A	2w	All areas are prime farmland	C	Subirrigated (pe24-32)	7	.28	.28	5	6	48

