CRITTENDEN COUNTY HEL SOIL DATABASE (10/15)

Map sym	SOIL SERIES	layer texture	Kw (K)	Kf	T factor	RUSLE R factor	USLE R factor	CRL. LS	slope length range	slope length	% slope used	LS factor	HEL DET. HE- highly erodible N - not erodible	HYDRI DET. H - hydric I - inclusions N - not hydric
BaE	Baxter	gr-sil	0.2	0.28	5	225	200	1.000	50-100	75	35	8.86	HE- highly erodible	N - not hydric
CcE	Caneyville-Crider-Rock OC.					225	200		50-150	100	23	4.44	HE- highly erodible	N - not hydric
	Caneyville	sil	0.32	0.32	2	225	200	0.250						
	Crider	sil	0.43	0.43	5	225	200	0.465						
	Rock Outcrop					225	200							
Cl	Clifty	sil	0.32	0.32	5	225	200	0.625	25-200	110	1	0.13	N - not erodible	N - not hydric
Co	Collins	sil	0.49	0.49	5	225	200	0.408	25-200	110	1	0.13	N - not erodible	N - not hydric
CrB	Crider	sil	0.37	0.37	5	225	200	0.541	100-400	200	4	0.5	N - not erodible	N - not hydric
CrC2	Crider	sil	0.37	0.37	5	225	200	0.541	100-300	150	9	1.45	HE- highly erodible	N - not hydric
CrC3	Crider	sil	0.37	0.37	4	225	200	0.432	100-200	150	9	1.45	HE- highly erodible	N - not hydric
CrD2	Crider	sil	0.43	0.43	5	225	200	0.465	50-150	100	16	2.84	HE- highly erodible	N - not hydric
CrD3	Crider	sil	0.37	0.37	4	225	200	0.432	50-150	100	16	2.84	HE- highly erodible	N - not hydric
FlE	Faywood-Lowell-Rock OC.					225	200		50-150	100	23	4.44	HE- highly erodible	N - not hydric
	Faywood	sicl	0.32	0.32	2	225	200	0.250						
	Lowell	sil	0.32	0.32	3	225	200	0.375						
	Rock Outcrop					225	200							
FrD	Frondorf	sil	0.32	0.32	2	225	200	0.250	50-150	100	16	2.84	HE- highly erodible	N - not hydric
FrE	Frondorf	sil	0.32	0.32	2	225	200	0.250	50-150	100	25	5.89	HE- highly erodible	N - not hydric
FsD3	Frondorf	sicl	0.32	0.32	1	225	200	0.125	50-150	100	16	2.84	HE- highly erodible	N - not hydric
HaC2	Hammack	sil	0.37	0.37	4	225	200	0.432	100-200	150	9	1.45	HE- highly erodible	N - not hydric
HaD2	Hammack	sil	0.37	0.37	4	225	200	0.432	50-150	100	16	2.84	HE- highly erodible	N - not hydric
HmC3	Hammack	sicl	0.37	0.37	2	225	200	0.216	100-200	150	9	1.45	HE- highly erodible	N - not hydric
HmD3	Hammack	sicl	0.37	0.37	2	225	200	0.216	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Hn	Henshaw	sil	0.43	0.43	5	225	200	0.465	25-200	110	1	0.13	N - not erodible	I - inclusions
Hu	Huntington	sil	0.28	0.28	5	225	200	0.714	20-200	110	1	0.13	N - not erodible	I - inclusions
Kc	Karnak	sic	0.2	0.2	5	225	200	1.000	25-500	200	0.5	0.11	N - not erodible	H - hydric
Kr	Karnak	sic	0.24	0.24	5	225	200	0.833	25-500	200	0.5	0.11	N - not erodible	H - hydric
Ks	Karnak	sic	0.24	0.24	5	225	200	0.833	25-500	200	0.5	0.11	N - not erodible	H - hydric
Ld	Lindside	sil	0.37	0.37	5	225	200	0.541	25-200	110	1	0.13	N - not erodible	I - inclusions
LfE	Lenberg-Frondorf					225	200		50-150	100	35	8.86	HE- highly erodible	N - not hydric
	Lenberg	sil	0.37	0.37	3	225	200	0.324						
	Frondorf	sil	0.32	0.32	2	225	200	0.250						
Ln	Lindside	sicl	0.28	0.28	5	225	200	0.714	25-200	110	1	0.13	N - not erodible	I - inclusions
Mc	McGary	sicl	0.37	0.37	5	225	200	0.541	25-200	110	1	0.13	N - not erodible	I - inclusions
Ml	Melvin	sicl	0.37	0.37	5	225	200	0.541	25-200	110	1	0.13	N - not erodible	H - hydric

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Na	Newark	sil	0.37	0.37	5	225	200	0.541	25-200	100	1	0.13	N - not erodible	I - inclusions
Ne	Newark	sicl	0.32	0.32	5	225	200	0.625	25-200	100	1	0.13	N - not erodible	I - inclusions
NhB	Nicholson	sil	0.37	0.37	4	225	200	0.432	100-250	175	4	0.5	HE- highly erodible	N - not hydric
NhC2	Nicholson	sil	0.37	0.37	4	225	200	0.432	100-200	150	9	1.45	HE- highly erodible	N - not hydric
NhC3	Nicholson	sil	0.37	0.37	3	225	200	0.324	100-200	150	9	1.45	HE- highly erodible	N - not hydric
NhD2	Nicholson	sil	0.37	0.37	4	225	200	0.432	50-150	100	16	2.84	HE- highly erodible	N - not hydric
NhD3	Nicholson	sil	0.37	0.37	3	225	200	0.324	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Nn	Nolin	sil	0.37	0.37	5	225	200	0.541	50-300	150	1	0.15	N - not erodible	I - inclusions
No	Nolin	sicl	0.32	0.32	5	225	200	0.625	25-200	110	1	0.13	N - not erodible	I - inclusions
OtA	Otwell	sil	0.43	0.43	4	225	200	0.372	25-275	150	1	0.13	N - not erodible	N - not hydric
OtB	Otwell	sil	0.43	0.43	4	225	200	0.372	100-250	175	4	0.5	HE- highly erodible	N - not hydric
OtC3	Otwell	sil	0.49	0.49	2	225	200	0.163	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Pt	Pits, limestone					225	200							
Pu	Pits-Udorthents					225	200							I - inclusions
Ro	Robinsonville	fsl	0.32	0.32	5	225	200	0.625	25-200	110	1	0.13	N - not erodible	I - inclusions
Ru	Robinsonville-Huntington					225	200		25-200	110	1	0.13	N - not erodible	I - inclusions
	Robinsonville	fsl	0.32	0.32	5	225	200	0.625						
	Huntington	sil	0.28	0.28	5	225	200	0.714						
uAlfB	Alford	sil	0.43	0.43	5	225	200	0.465	65-200	150	4	0.471	HE- highly erodible	N - not hydric
uAlfC2	Alford	sil	0.43	0.43	5	225	200	0.465	60-200	125	9	1.32	HE- highly erodible	N - not hydric
uAlfC3	Alford	sil	0.49	0.49	4	225	200	0.327	60-200	125	9	1.32	HE- highly erodible	N - not hydric
uAlfD2	Alford	sil	0.43	0.43	5	225	200	0.465	60-150	100	15	2.57	HE- highly erodible	N - not hydric
uAlfD3	Alford	sil	0.43	0.43	4	225	200	0.372	60-150	100	15	2.57	HE- highly erodible	N - not hydric
uBelA	Belknap	sil	0.49	0.49	5	225	200	0.408	25-300	200	0.5	0.11	N - not erodible	I - inclusions
uBlaA	Blackford	sil	0.49	0.49	5	225	200	0.408	25-300	200	1	0.16	N - not erodible	I - inclusions
uBonA	Bonnie	sil	0.49	0.49	5	225	200	0.408	25-300	200	0.5	0.11	N - not erodible	H - hydric
uHosB	Hosmer	sil	0.37	0.37	4	225	200	0.432	100-300	200	4	0.528	HE- highly erodible	N - not hydric
uHosC2	Hosmer	sil	0.43	0.43	4	225	200	0.372	100-250	175	9	1.57	HE- highly erodible	N - not hydric
uMefA	Melvin	sil	0.43	0.43	5	225	200	0.465	25-300	200	1	0.16	N - not erodible	H - hydric
uMelA	Melvin	sil	0.43	0.43	5	225	200	0.465	25-300	200	1	0.16	N - not erodible	H - hydric
UnB	Uniontown	sil	0.43	0.43	5	225	200	0.465	100-250	175	4	0.5	HE- highly erodible	N - not hydric
UoC3	Uniontown	sicl	0.37	0.37	4	225	200	0.432	100-200	150	9	1.45	HE- highly erodible	N - not hydric
uRobA	Robbs	sil	0.37	0.37	4	225	200	0.432	100-300	150	1	0.15	N - not erodible	I - inclusions
uShaA	Sharon	sil	0.43	0.43	5	225	200	0.465	25-300	200	1	0.16	N - not erodible	I - inclusions
uWafA	Wakeland	sil	0.43	0.43	5	225	200	0.465	25-300	200	0.5	0.11	N - not erodible	H - hydric
uWakA	Wakeland	sil	0.43	0.43	5	225	200	0.465	25-300	200	0.5	0.11	N - not erodible	I - inclusions
uWifA	Wilbur	sil	0.43	0.43	5	225	200	0.465	25-300	200	1	0.16	N - not erodible	H - hydric
uWilA	Wilbur	sil	0.43	0.43	5	225	200	0.465	25-300	200	1	0.16	N - not erodible	I - inclusions
We	Weinbach	sil	0.37	0.37	4	225	200	0.432	25-200	110	1	0.13	N - not erodible	I - inclusions

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WhB	Wheeling	sil	0.43	0.43	5	225	200	0.465	100-250	175	4	0.5	HE- highly erodible	N - not hydric
WhC2	Wheeling	sil	0.43	0.43	5	225	200	0.465	100-200	150	9	1.45	HE- highly erodible	N - not hydric
ZaC2	Zanesville	sil	0.43	0.43	4	225	200	0.372	100-250	200	10	1.94	HE- highly erodible	N - not hydric
ZaC3	Zanesville	sil	0.43	0.43	2	225	200	0.186	50-300	200	10	1.94	HE- highly erodible	N - not hydric
ZaD2	Zanesville	sil	0.43	0.43	3	225	200	0.279	50-150	100	16	2.84	HE- highly erodible	N - not hydric
ZaD3	Zanesville	sil	0.43	0.43	2	225	200	0.186	50-150	100	16	2.84	HE- highly erodible	N - not hydric