METCALFE COUNTY HEL SOIL DATABASE (10/2015)

SOIL SERIES	MAP SYMBOL	SURFACE 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
Baxter	BaB	GR-SIL	0.17	0.32	5	200	200	1.18	100-250	200	4	0.53	N - not erodible	N
Baxter	BaB2	GR-SIL	0.17	0.32	5	200	200	1.18	100-250	200	4	0.53	N - not erodible	N
Baxter	BaC	GR-SIL	0.17	0.32	5	200	200	1.18	50-200	150	10	1.68	HE	N
Baxter	BaC2	GR-SIL	0.17	0.32	5	200	200	1.18	50-200	150	10	1.68	HE	N
Baxter	BaD	GR-SIL	0.17	0.32	5	200	200	1.18	50-150	100	16	2.84	HE	N
Baxter	BaD2	GR-SIL	0.17	0.32	5	200	200	1.18	50-150	100	16	2.84	HE	N
Baxter	BaE	GR-SIL	0.17	0.32	5	200	200	1.18	50-100	80	25	5.27	HE	N
Baxter	BaE2	GR-SIL	0.17	0.32	5	200	200	1.18	50-100	80	25	5.27	HE	N
Baxter	BcC3	GR-SICL	0.15	0.28	4	200	200	1.07	50-200	150	10	1.68	HE	N
Baxter	BcD3	GR-SICL	0.15	0.28	4	200	200	1.07	50-150	100	16	2.84	HE	N
Baxter	BcE3	GR-SICL	0.15	0.28	4	200	200	1.07	50-100	80	25	5.27	HE	N
Baxter-Talbott, rocky	BeC2								50-200	150	10	1.68	HE	N
Baxter		GR-SIL	0.17	0.32	5	200	200	1.18						
Talbott (Caneyville, rocky)		SIL	0.37	0.37	2	200	200	0.22						
Baxter-Talbott, rocky	BeD2								50-150	100	16	2.84	HE	N
Baxter		GR-SIL	0.17	0.32	5	200	200	1.18						
Talbott (Caneyville, rocky)		SIL	0.37	0.37	2	200	200	0.22						
Baxter-Talbott, rocky	BeE2								50-100	80	25	5.27	HE	N
Baxter		GR-SIL	0.17	0.32	5	200	200	1.18						
Talbott (Caneyville, rocky)		SIL	0.37	0.37	2	200	200	0.22						
Baxter-Talbott, rocky	BfD3								50-150	100	16	2.84	HE	N
Baxter		GR-SICL	0.17	0.32	4	200	200	0.94						
Talbott (Caneyville, rocky)		SICL	0.28	0.28	1	200	200	0.14						
Bodine	BoD	GR-SIL	0.2	0.37	5	200	200	1.00	50-150	100	16	2.84	HE	N
Bodine	BoE	GR-SIL	0.2	0.37	5	200	200	1.00	50-100	80	25	5.27	HE	N
Caneyville, rocky complex	CaE	L	0.28	0.28	2	200	200	0.29	50-100	80	25	5.27	HE	N
Caneyville, rocky complex	CaE3	SICL	0.28	0.28	1	200	200	0.14	50-100	80	25	5.27	HE	N
Caneyville, rocky complex	CaF	L	0.28	0.28	2	200	200	0.29	50-100	80	40	11.32	HE	N
Captina (Otwell)	CbA	SIL	0.43	0.43	4	200	200	0.37	100-300	250	1	0.17	N - not erodible	N
Captina (Otwell)	CbB	SIL	0.43	0.43	4	200	200	0.37	100-250	200	4	0.53	HE	N
Christian	CcD3	CL	0.2	0.2	4	200	200	0.80	50-150	100	14	2.29	HE	N
Christian	CdB	L	0.28	0.28	5	200	200	0.71	100-300	200	4	0.53	N - not erodible	N
Christian	CdC	L	0.28	0.28	5	200	200	0.71	50-200	150	10	1.68	HE	N
Christian	CdC2	L	0.28	0.28	5	200	200	0.71	50-200	150	10	1.68	HE	N
Christian	CdD2	L	0.28	0.28	5	200	200	0.71	50-150	100	16	2.84	HE	N
Christian, very rocky	CeD	L	0.28	0.28	2	200	200	0.29	50-100	100	16	2.84	HE	N

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Clarksville	CkB	GR-SIL	0.2	0.37	5	200	200	1.00	100-300	200	4	0.53	N - not erodible	N
Clarksville	CkC	GR-SIL	0.2	0.37	5	200	200	1.00	50-200	150	10	1.68	HE	N
Clarksville	CkC2	GR-SIL	0.2	0.37	5	200	200	1.00	50-200	150	10	1.68	HE	N
Clarksville	CkD2	GR-SIL	0.2	0.37	5	200	200	1.00	50-150	100	16	2.84	HE	N
Clarksville	CkE2	GR-SIL	0.2	0.37	5	200	200	1.00	50-100	80	25	5.27	HE	N
Crider	CrB	SIL	0.37	0.37	5	200	200	0.54	100-400	200	4	0.53	N - not erodible	N
Crider	CrB2	SIL	0.37	0.37	5	200	200	0.54	100-300	200	4	0.53	N - not erodible	N
Crider	CrC2	SIL	0.37	0.37	5	200	200	0.54	100-300	150	9	1.45	HE	N
Cumberland	CuB	GR-SIL	0.17	0.37	5	200	200	1.18	100-250	200	4	0.53	N - not erodible	N
Cumberland	CuB2	GR-SIL	0.17	0.37	5	200	200	1.18	100-250	200	4	0.53	N - not erodible	N
Cumberland	CuC2	GR-SIL	0.17	0.37	5	200	200	1.18	50-200	150	10	1.68	HE	N
Cumberland	CuD2	GR-SIL	0.17	0.37	5	200	200	1.18	50-150	100	16	2.84	HE	N
Cumberland	CvD3	GR-SICL	0.15	0.28	4	200	200	1.07	50-150	100	16	2.84	HE	N
Dandridge and Westmoreland	DaD								50-150	100	16	2.84	HE	N
Dandridge		CN-SIL	0.24	0.43	2	200	200	0.33						
Westmoreland (Garmon)		CN-SIL	0.24	0.37	2	200	200	0.33						
Dandridge and Westmoreland	DaF								50-100	80	35	9.21	HE	N
Dandridge		CN-SIL	0.24	0.43	2	200	200	0.33						
Westmoreland (Garmon)		CN-SIL	0.24	0.37	2	200	200	0.33						
Dandridge and Westmoreland	DbD3								50-150	100	16	2.84	HE	N
Dandridge		CN-SICL	0.17	0.37	1	200	200	0.24						
Westmoreland (Garmon)		CN-SIL	0.2	0.37	1	200	200	0.20						
Dandridge and Westmoreland	DbF3								50-100	80	35	9.21	HE	N
Dandridge		CN-SICL	0.17	0.37	1	200	200	0.24						
Westmoreland (Garmon)		CN-SIL	0.2	0.37	1	200	200	0.20						
Dandridge and Westmoreland	DcB								100-250	200	4	0.53	HE	N
Dandridge		SIL	0.43	0.43	2	200	200	0.19						
Westmoreland (Garmon)		SIL	0.37	0.37	2	200	200	0.22						
Dandridge and Westmoreland	DcC								50-200	150	10	1.68	HE	N
Dandridge		SIL	0.37	0.37	2	200	200	0.22						
Westmoreland (Garmon)		SIL	0.43	0.43	2	200	200	0.19						
Dewey	DeB	SIL	0.32	0.32	5	200	200	0.63	100-300	200	4	0.53	N - not erodible	N
Dewey	DeC2	SIL	0.32	0.32	5	200	200	0.63	100-250	150	10	1.68	HE	N
Dewey	DeD2	SIL	0.32	0.32	5	200	200	0.63	50-150	100	16	2.84	HE	N
Dickson	DkA	SIL	0.43	0.43	4	200	200	0.37	100-300	250	1	0.17	N - not erodible	N
Dickson	DkB	SIL	0.43	0.43	4	200	200	0.37	100-250	200	4	0.53	HE	N

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Dickson	DkB2	SIL	0.43	0.43	4	200	200	0.37	100-250	200	4	0.53	HE	N
Dickson	DkC2	SIL	0.43	0.43	4	200	200	0.37	50-200	150	10	1.68	HE	N
Elk	EkB	SIL	0.43	0.43	5	200	200	0.47	100-300	200	4	0.53	HE	N
Gullied land	Gu					200	200							
Humphreys	HcB	GR-SIL	0.15	0.28	5	200	200	1.33	150-250	200	4	0.53	N - not erodible	N
Humphreys	HcC	GR-SIL	0.15	0.28	5	200	200	1.33	100-200	150	10	1.68	HE	N
Humphreys	HcC2	GR-SIL	0.15	0.28	5	200	200	1.33	100-200	150	10	1.68	HE	N
Huntington (Sensabaugh)	Hg	GR-L	0.28	0.37	5	200	200	0.71	100-300	200	1	0.16	N - not erodible	N
Huntington	Hu	SIL	0.28	0.28	5	200	200	0.71	100-300	200	1	0.16	N - not erodible	N
Landisburg (Tarklin)	LaC2	GR-SIL	0.2	0.32	4	200	200	0.80	100-200	150	10	1.68	HE	N
Landisburg (Otwell)	LdB	SIL	0.43	0.43	4	200	200	0.37	100-250	200	4	0.53	HE	N
Landisburg (Otwell)	LdC2	SIL	0.49	0.49	3	200	200	0.24	100-200	150	10	1.68	HE	N
Lindside	Ls	SIL	0.37	0.37	5	200	200	0.54	100-300	200	1	0.16	N - not erodible	N
Melvin	Me	SIL	0.43	0.43	5	200	200	0.47	100-300	200	1	0.16	N - not erodible	H-hydric
Mountview	MoB	SIL	0.37	0.37	5	200	200	0.54	100-250	150	4	0.47	N - not erodible	N
Mountview	MoC2	SIL	0.37	0.37	5	200	200	0.54	100-250	150	10	1.68	HE	N
Muse	MuC	SIL	0.43	0.43	5	200	200	0.47	100-250	150	10	1.68	HE	N
Newark	Nk	SIL	0.37	0.37	5	200	200	0.54	100-300	200	1	0.16	N - not erodible	I-inclusions
Pembroke	PmB	SIL	0.37	0.37	5	200	200	0.54	100-300	200	4	0.53	N - not erodible	N
Pembroke	PmC2	SIL	0.37	0.37	5	200	200	0.54	100-200	150	10	1.68	HE	N
Renox	RaC	SIL	0.32	0.32	5	200	200	0.63	100-250	150	10	1.68	HE	N
Robertsville	Rb	SIL	0.43	0.43	3	200	200	0.28	150-250	200	1	0.16	N - not erodible	H-hydric
Robinsonville	Rf	FSL	0.32	0.32	5	200	200	0.63	100-250	150	1	0.15	N - not erodible	N
Rock Land (Rock Outcrop)	Rk					200	200							
Sango	SaA	SIL	0.43	0.43	4	200	200	0.37	100-300	200	1	0.16	N - not erodible	N
Sango	SaB	SIL	0.43	0.43	4	200	200	0.37	50-200	150	4	0.47	HE	N
Taft	Ta	SIL	0.37	0.37	3	200	200	0.32	100-300	200	1	0.16	N - not erodible	I-inclusions
Talbott	TbC	SIL	0.37	0.37	2	200	200	0.22	50-200	150	10	1.68	HE	N
Talbott	TcC2	SICL	0.28	0.28	2	200	200	0.29	50-200	150	10	1.68	HE	N
Water	W					200	200							