LIVINGSTON COUNTY HEL SOIL DATABASE (10/2015)

SOIL SERIES	Map sym	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
Ashton	AsA	sil	0.37	0.37	5	230	200	0.541	100-150	125	1	0.13	N	I - inclusions
Baxter	BaE	gr-sil	0.2	0.32	5	230	200	1.000	50-150	100	40	12.65	HE-highly erodible	N
Brandon	BrC	sil	0.37	0.37	4	230	200	0.432	100-200	150	10	1.68	HE-highly erodible	N
Brandon	BrC3	sil	0.43	0.43	3	230	200	0.279	100-200	150	10	1.68	HE-highly erodible	N
Brandon	BrD	sil	0.37	0.37	4	230	200	0.432	50-200	150	16	3.48	HE-highly erodible	N
Brandon	BrD3	sil	0.43	0.43	3	230	200	0.279	50-200	75	18	2.79	HE-highly erodible	N
Chaviess	ChB	fsl	0.15	0.15	5	230	200	1.333	100-200	200	4	0.53	N	N
Chaviess	ChD	fsl	0.15	0.15	5	230	200	1.333	50-100	100	16	2.84	HE- highly erodible	I - inclusions
Dam, large	DAM					230	200							
Dunning	Du	sic	0.2	0.2	5	230	200	1.000	100-150	125	1	0.13	N	H-Hydric
Elk	EkA	sil	0.43	0.43	5	230	200	0.465	25-300	150	2	0.23	N	N
Elk	EkB	sil	0.43	0.43	5	230	200	0.465	100-300	200	4	0.53	HE- highly erodible	N
Elk	EkC	sil	0.43	0.43	5	230	200	0.465	50-200	150	9	1.45	HE- highly erodible	N
Frondorf	FrD	sil	0.32	0.32	2	230	200	0.250	50-200	150	16	3.48	HE- highly erodible	N
Frondorf	FrD3	sil	0.37	0.37	1	230	200	0.108	100-200	150	16	3.48	HE- highly erodible	N
Frondorf	FrE	sil	0.32	0.32	2	230	200	0.250	50-150	100	25	5.89	HE- highly erodible	N
Hammack	HaC	sil	0.37	0.37	4	230	200	0.432	100-250	200	8	1.41	HE- highly erodible	N
Hammack	HaC3	sil	0.43	0.43	4	230	225	0.331	100-250	200	8	1.41	HE- highly erodible	N
Hammack	HaD	sil	0.37	0.37	4	230	200	0.432	100-200	150	16	3.48	HE- highly erodible	N
Hammack	HaD3	sil	0.43	0.43	4	230	200	0.372	100-200	150	16	3.48	HE- highly erodible	N
Henshaw	Hn	sil	0.43	0.43	5	230	200	0.465	100-150	125	1	0.13	N	I - inclusions
Huntington	Hu	sil	0.32	0.32	5	230	200	0.625	100-150	125	1	0.13	N	I - inclusions
Karnak	Kc	sic	0.2	0.2	5	230	200	1.000	25-500	200	0.5	0.11	N	H - hydric
Karnak	Kr	sic	0.24	0.24	5	230	200	0.833	25-500	200	0.5	0.11	N	H - hydric
Karnak	Ks	sic	0.24	0.24	5	230	200	0.833	25-500	200	0.5	0.11	N	H - hydric
Licking	LcB	sil	0.37	0.37	5	230	200	0.541	100-200	150	4	0.47	N	I - inclusions
Licking	LkC3	sicl	0.43	0.43	4	230	200	0.372	50-150	100	10	1.37	HE- highly erodible	I - inclusions
Lindside	Ln	sil	0.37	0.37	5	230	200	0.541	100-250	125	1	0.13	N	I - inclusions
Lowell-Faywood	LwD					230	200		50-150	150	16	3.48	HE - highly erodible	N
Lowell		sil	0.32	0.32	3	230	200	0.375						
Faywood		sicl	0.28	0.28	2	230	200	0.286						
Lowell-Faywood	LwE					230	200		50-150	100	30	7.95	HE - highly erodible	N
Lowell		sil	0.32	0.32	3	230	200	0.375						
Faywood		sicl	0.28	0.28	2	230	200	0.286						
McGary	Mc	sil	0.37	0.37	5	230	200	0.541	100-150	125	1	0.13	N	I - inclusions
Melvin	Me	sil	0.43	0.43	5	230	200	0.465	100-150	125	1	0.13	N	H - hydric
Nelse	Na	l	0.24	0.24	5	230	200	0.833	100-150	125	1	0.13	N	I - inclusions

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Nelse-Huntington	Nb					230	200		100-150	125	1	0.13	N	I - inclusions
Nelse		l	0.24	0.24	5	230	200	0.833						
Huntington		sil	0.32	0.32	5	230	200	0.625						
Nelse-Huntington-Wheeling	NcE					230	200		50-100	75	14	1.99	HE - highly erodible	I - inclusions
Nelse		l	0.24	0.24	5	230	200	0.833						
Huntington		sil	0.32	0.32	5	230	200	0.625						
Wheeling		sil	0.37	0.37	5	230	200	0.541						
Newark	Ne	sil	0.37	0.37	5	230	200	0.541	50-100	75	1	0.12	N	I - inclusions
Nicholson	NhC	sil	0.43	0.43	3	230	200	0.279	100-150	125	10	1.53	HE- highly erodible	N
Nicholson	NhC3	sil	0.49	0.49	2	230	200	0.163	100-200	150	10	1.68	HE- highly erodible	N
Nicholson	NhD	sil	0.43	0.43	3	230	200	0.279	50-150	150	16	3.84	HE- highly erodible	N
Nicholson	NhD3	sil	0.49	0.49	2	230	200	0.163	50-150	150	16	3.84	HE- highly erodible	N
Nolin	No	sil	0.37	0.37	5	230	200	0.541	50-300	150	1	0.15	N	I - inclusions
Otwell	OtB	sil	0.43	0.43	4	230	200	0.372	100-250	200	4	0.53	HE- highly erodible	I - inclusions
Otwell	OtC3	sil	0.49	0.49	2	230	200	0.163	100-200	150	10	1.68	HE- highly erodible	I - inclusions
Peoga	Pe	sil	0.43	0.43	3	230	200	0.279	100-150	125	1	0.13	N	H-Hydric
Pits, quarries	Pt					230	200							
Pits-Udorthents complex	Pu					230	200							
Saffell	SaE	gr-sil	0.2	0.2	2	230	200	0.400	50-150	100	40	12.65	HE-highly erodible	N
Alford	uAlfB	sil	0.43	0.43	5	230	200	0.465	65-200	150	4	0.471	HE- highly erodible	N
Alford	uAlfC2	sil	0.43	0.43	5	230	200	0.465	60-200	125	9	1.32	HE- highly erodible	N
Alford	uAlfC3	sil	0.49	0.49	4	230	200	0.327	60-200	125	9	1.32	HE- highly erodible	N
Alford	uAlfD2	sil	0.43	0.43	5	230	200	0.465	60-150	100	15	2.57	HE- highly erodible	N
Alford	uAlfD3	sil	0.43	0.43	4	230	200	0.372	60-150	100	15	2.57	HE- highly erodible	N
Hosmer	uHosB	sil	0.37	0.37	4	230	200	0.432	100-300	200	4	0.528	HE- highly erodible	N
Hosmer	uHosC2	sil	0.43	0.43	4	230	200	0.372	100-250	175	9	1.57	HE- highly erodible	N
Hosmer	uHosC3	sil	0.43	0.43	3	230	200	0.279	100-250	125	9	1.32	HE- highly erodible	N
Hosmer	uHosD2	sil	0.43	0.43	4	230	200	0.372	50-200	100	16	2.84	HE- highly erodible	N
Hosmer	uHosD3	sil	0.43	0.43	3	230	200	0.279	50-150	75	16	2.46	HE- highly erodible	N
Wellston-Frondorf	WfE					230	200		50-150	100	40	12.65	HE- highly erodible	N
Wellston		sil	0.37	0.37	3	230	200	0.324						
Frondorf		sil	0.32	0.32	2	230	200	0.250						
Water	W					230	200							
Wheeling	WhA	sil	0.37	0.37	5	230	200	0.541	100-150	125	1	0.13	N	I - inclusions
Wheeling	WhB	sil	0.37	0.37	5	230	200	0.541	100-250	200	3	0.354	N	I - inclusions
Wheeling	WhC	sil	0.37	0.37	5	230	200	0.541	50-200	150	10	1.68	HE- highly erodible	I - inclusions
Wheeling	WhD	sil	0.37	0.37	5	230	200	0.541	50-150	100	16	2.84	HE- highly erodible	N
Zanesville	ZaC	sil	0.43	0.43	4	230	200	0.372	50-300	200	10	1.94	HE- highly erodible	N
Zanesville	ZaC3	sil	0.43	0.43	2	230	200	0.186	50-300	200	10	1.94	HE- highly erodible	N

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Zanesville	ZaD	sil	0.43	0.43	4	230	200	0.372	50-150	150	16	3.48	HE- highly erodible	N
Zanesville	ZaD3	sil	0.43	0.43	2	230	200	0.186	100-200	150	16	3.48	HE- highly erodible	N