LYON-TRIGG COUNTIES HEL SOIL DATABASE (10/2015)

SOIL SERIES	Published Symbol	Surface Texture	Kw (K)	Kf	T	RUSLE R factor	USLE R factor	CRI. LS	SLOPE RANGE (feet)	Slope length (feet)	% slope used	LS factor	HEL Det. HE – highly erodible N – not erodible P – potential	HYDRIC Det. H – hydric I - inclusions N – not hydric
Baxter-Hammack	BaE					230	200		50-100	75	25	5.09	HE	N
Baxter		gr-sil	0.17	0.32	5	230	200	1.176						
Hammack		sil	0.37	0.37	5	230	200	0.541						
Baxter-Hammack	BaF					230	200		50-100	75	45	13.05	HE	N
Baxter		gr-sil	0.17	0.32	5	230	200	1.176						
Hammack		sil	0.37	0.37	5	230	200	0.541						
Brandon	BrC	sil	0.37	0.37	4	230	200	0.432	100-200	150	9	1.45	HE	N
Brandon	BrD	sil	0.37	0.37	4	230	200	0.432	50-150	100	16	2.84	HE	N
Brandon	BsC3	sicl	0.37	0.37	3	230	200	0.324	100-200	150	9	1.45	HE	N
Brandon	BsD3	sicl	0.37	0.37	3	230	200	0.324	50-150	100	16	2.84	HE	N
Brandon-Saffell	BxE					230	200		50-100	75	35	8.86	HE	N
Branndon		sil	0.37	0.37	4	230	200	0.432						
Saffell		gr-sil	0.28	0.43	5	230	200	0.714						
Clifty	Cp	gr-sil	0.2	0.32	5	230	200	1.000	25-275	150	1	0.15	N	N
Crider	CrA	sil	0.37	0.37	5	230	200	0.541	100-300	200	1	0.16	N	N
Crider	CrB	sil	0.37	0.37	5	230	200	0.541	100-400	200	4	0.528	N	N
Crider-Pembroke	CsC					230	200		100-200	150	9	1.45	HE	N
Crider		sil	0.43	0.43	5	230	200	0.465						
Pembroke		sil	0.37	0.37	5	230	200	0.541						
Elk	ElA	sil	0.43	0.43	5	230	200	0.465	25-275	150	1	0.15	N	N
Elk	ElB	sil	0.43	0.43	5	230	200	0.465	100-300	200	4	0.528	HE	N
Fredonia-Pembroke	FdB					230	200		100-300	200	7	1.18	HE	N
Fredonia		sil	0.28	0.28	2	230	200	0.286						
Pembroke		sil	0.37	0.37	5	230	200	0.541						
Fredonia-Rock outcrop	FrD					230	200		50-150	100	16	2.84	HE	N
Fredonia		sil	0.28	0.28	2	230	200	0.286						
Rock outcrop						230	200							
Frondorf-Weikert-Wellston	FwC					230	200		100-200	150	9	1.45	HE	N
Frondorf		sil	0.32	0.32	3	230	200	0.375						
Weikert		cn-sil	0.24	0.37	2	230	200	0.333						
Wellston		sil	0.37	0.37	3	230	200	0.324						
Frondorf-Weikert-Wellston	FwD					230	200		50-150	100	16	2.84	HE	N
Frondorf		sil	0.32	0.32	3	230	200	0.375						
Weikert		cn-sil	0.24	0.37	2	230	200	0.333						
Wellston		sil	0.37	0.37	3	230	200	0.324						

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Frondorf-Weikert-Wellston	FwF					230	200		50-100	75	35	8.86	HE	N
Frondorf		sil	0.32	0.32	3	230	200	0.375						
Weikert		cn-sil	0.24	0.37	2	230	200	0.333						
Wellston		sil	0.37	0.37	3	230	200	0.324						
Hagerstown	HaC	sil	0.28	0.28	3	230	200	0.429	100-200	150	9	1.45	HE	N
Hagerstown	HbC3	sicl	0.32	0.32	2	230	200	0.250	100-200	150	9	1.45	HE	N
Hagerstown-Fredonia	HcD					230	200		50-150	100	16	2.84	HE	N
Hagerstown		sil	0.28	0.28	3	230	200	0.429						
Fredonia		sil	0.28	0.28	2	230	200	0.286						
Hammack	HmB	sil	0.37	0.37	5	230	200	0.541	100-300	200	4	0.528	N	N
Hammack-Baxter	HxC					230	200		100-200	150	9	1.45	HE	N
Hammack		sil	0.37	0.37	5	230	200	0.541						
Baxter		gr-sil	0.17	0.32	5	230	200	1.176						
Hammack-Baxter	HxC3					230	200		100-200	150	9	1.45	HE	N
Hammack		sicl	0.37	0.37	4	230	200	0.432						
Baxter		gr-sicl	0.17	0.37	4	230	200	0.941						
Hammack-Baxter	HxD					230	200		50-150	100	16	2.84	HE	N
Hammack		sil	0.37	0.37	5	230	200	0.541						
Baxter		gr-sil	0.17	0.32	5	230	200	1.176						
Hammack-Baxter	HxD3					230	200		50-150	100	16	2.84	HE	N
Hammack		sicl	0.37	0.37	4	230	200	0.432						
Baxter		gr-sicl	0.17	0.37	4	230	200	0.941						
Lawrence	La	sil	0.37	0.37	4	230	200	0.432	25-275	150	1	0.15	N	I - inclusions
Lax	LbB	sil	0.43	0.43	4	230	200	0.372	100-300	200	4	0.528	HE	N
Lax	LbC	sil	0.43	0.43	4	230	200	0.372	100-200	150	9	1.45	HE	N
Lax	LcC3	sicl	0.37	0.37	3	230	200	0.324	100-200	150	9	1.45	HE	N
Lexington	LeC	sil	0.43	0.43	5	230	200	0.465	100-200	150	9	1.45	HE	N
Lexington	LeC3	sil	0.43	0.43	4	230	200	0.372	100-200	150	9	1.45	HE	N
Lexington	LfD	sil	0.43	0.43	5	230	200	0.465	50-150	100	16	2.84	HE	N
Lindside	Ln	sil	0.37	0.37	5	230	200	0.541	25-275	150	1	0.15	N	N
Melvin	Me	sil	0.43	0.43	5	230	200	0.465	25-275	150	1	0.15	N	H – hydric
Newark	Ne	sil	0.37	0.37	5	230	200	0.541	25-275	150	1	0.15	N	I - inclusions
Nicholson	NhA	sil	0.37	0.37	4	230	200	0.432	25-275	150	1	0.15	N	N
Nicholson	NhB	sil	0.37	0.37	4	230	200	0.432	100-300	200	4	0.528	HE	I - inclusions
Nicholson	NhC	sil	0.37	0.37	4	230	200	0.432	100-200	150	9	1.45	HE	N
Nicholson	NlC3	sicl	0.32	0.32	3	230	200	0.375	100-200	150	9	1.45	HE	N

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Nolin	No	sil	0.32	0.32	5	230	200	0.625	25-275	150	1	0.15	N	N
Otwell	OtA	sil	0.43	0.43	4	230	200	0.372	25-275	150	1	0.15	N	N
Otwell	OtB	sil	0.43	0.43	4	230	200	0.372	100-300	200	4	0.528	HE	N
Pembroke-Crider	PcC3					230	200		100-200	150	9	1.45	HE	N
Pembroke		sicl	0.37	0.37	4	230	200	0.432						
Crider		sil	0.37	0.37	4	230	200	0.432						
Pits,gravel	Pg					230	200							
Pits,quarries	Pt					230	200							
Robertsville	Ro	sil	0.43	0.43	4	230	200	0.372	25-275	150	1	0.15	N	H – hydric
Sadler	SaA	sil	0.43	0.43	4	230	200	0.372	100-350	250	1	0.17	N	N
Sadler	SaB	sil	0.43	0.43	4	230	200	0.372	100-350	250	4	0.575	HE	N
Saffell	SgC	grv-sil	0.15	0.43	5	230	200	1.333	100-200	150	9	1.45	HE	N
Saffell	SgF	grv-sil	0.15	0.43	5	230	200	1.333	50-100	75	40	10.94	HE	N
Zanesville	ZaB	sil	0.43	0.43	4	230	200	0.372	100-300	200	4	0.528	HE	N
Zanesville	ZaC	sil	0.43	0.43	4	230	200	0.372	50-200	200	10	1.94	HE	N