HART COUNTY HEL SOIL DATABASE (10/2015)

SOIL SERIES	MAP SYMBOLS	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
Allegheny	AlA	l	0.24	0.24	5	190	200	0.833	25-275	150	1	0.15	N	N
Allegheny	AlB	l	0.24	0.24	5	190	200	0.833	100-250	175	4	0.5	N	N
Allegheny	AlC	l	0.24	0.24	5	190	200	0.833	100-200	150	9	1.45	HE	N
Baxter	BaB	gr-sil	0.2	0.32	5	190	200	1.000	100-250	175	4	0.5	N	N
Baxter	BaC2	gr-sil	0.24	0.37	5	190	200	0.833	100-200	150	9	1.45	HE	N
Baxter	BaD2	gr-sil	0.24	0.37	5	190	200	0.833	50-150	100	16	2.84	HE	N
Baxter	BaE	gr-sil	0.24	0.37	5	190	200	0.833	50-150	100	25	5.89	HE	N
Bledsoe-Wallen-Rock outcrop	BmE					190	200		50-150	100	25	5.89	HE	N
Bledsoe		fsl	0.17	0.17	5	190	200	1.176						
Wallen		gr-l	0.2	0.32	2	190	200	0.400						
Rock outcrop						190	200	0.000						
Caneyville	CaD	sil	0.37	0.37	2	190	200	0.216	50-150	100	13	2.05	HE	N
Caneyville	CaE	sil	0.37	0.37	2	190	200	0.216	50-150	100	25	5.89	HE	N
Caneyville	CeD3	sicl	0.37	0.37	1	190	200	0.108	50-150	100	13	2.05	HE	N
Canmer	CnB	sil	0.43	0.43	5	190	200	0.465	100-250	175	4	0.5	HE	N
Canmer	CnC2	sil	0.43	0.43	5	190	200	0.465	100-200	150	9	1.45	HE	N
Canmer	CnD2	sil	0.43	0.43	5	190	200	0.465	50-150	100	16	2.84	HE	N
Canmer	CnE	sil	0.43	0.43	5	190	200	0.465	50-150	100	25	5.89	HE	N
Canmer	CoD3	cl	0.28	0.28	4	190	200	0.571	50-150	100	16	2.84	HE	N
Crider	CrB2	sil	0.37	0.37	5	190	200	0.541	100-300	200	4	0.528	N	N
Crider	CrC2	sil	0.37	0.37	5	190	200	0.541	100-300	150	9	1.45	HE	N
Elk	ElB	sil	0.43	0.43	5	190	200	0.465	100-250	175	4	0.5	HE	N
Frederick	FaB2	sil	0.32	0.32	5	190	200	0.625	100-250	175	4	0.5	N	N
Frederick	FaC2	sil	0.32	0.32	5	190	200	0.625	100-200	150	9	1.45	HE	N
Frederick	FaD2	sil	0.32	0.32	5	190	200	0.625	50-150	100	16	2.84	HE	N
Frederick	FaE	sil	0.32	0.32	5	190	200	0.625	50-150	100	25	5.89	HE	N
Frederick	FcC3	sicl	0.37	0.37	4	190	200	0.432	100-200	150	9	1.45	HE	N
Frederick	FcD3	sicl	0.37	0.37	4	190	200	0.432	50-150	100	16	2.84	HE	N
Fredonia-Hagerstown-Vertrees	FdC					190	200		100-200	150	13	2.51	HE	N
Fredonia		sil	0.32	0.32	2	190	200	0.250						
Hagerstown		sil	0.37	0.37	3	190	200	0.324						
Vertrees		sil	0.37	0.37	5	190	200	0.541						
Fredonia-Hagerstown-Vertrees	FdC3					190	200		100-200	150	13	2.51	HE	N
Fredonia		sicl	0.32	0.32	1	190	200	0.125						
Hagerstown		sil	0.43	0.43	2	190	200	0.186						
Vertrees		sicl	0.37	0.37	4	190	200	0.432						

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Gatton	GaB	sil	0.32	0.32	4	190	200	0.500	100-250	175	4	0.5	HE	N
Grigsby	Gr	fsl	0.2	0.2	5	190	200	1.000	25-200	110	1	0.13	N	N
Hagerstown-Fredonia-Vertrees	HdB					190	200		100-200	175	4	0.5	HE	N
Hagerstown		sil	0.37	0.37	3	190	200	0.324						
Fredonia		sil	0.32	0.32	2	190	200	0.250						
Vertrees		sil	0.37	0.37	5	190	200	0.541						
Jefferson-Lily-Rock outcrop	JfD					190	200		50-150	100	16	2.84	HE	N
Jefferson		fsl	0.15	0.15	5	190	200	1.333						
Lily		l	0.32	0.32	3	190	200	0.375						
Rock outcrop						190	200							
Jefferson-Lily-Rock outcrop	JfE					190	200		50-150	100	25	5.89	HE	N
Jefferson		fsl	0.15	0.15	5	190	200	1.333						
Lily		l	0.32	0.32	3	190	200	0.375						
Rock outcrop						190	200							
Lawrence	La	sil	0.37	0.37	4	190	200	0.432	25-200	110	1	0.13	N	I - inclusions
Lenberg	LdC	sil	0.37	0.37	3	190	200	0.324	100-200	150	9	1.45	HE	N
Lenberg	LdD	sil	0.37	0.37	3	190	200	0.324	50-150	100	16	2.84	HE	N
Lenberg	LdE	sil	0.37	0.37	3	190	200	0.324	50-150	100	25	5.89	HE	N
Lily	LlB	l	0.28	0.28	3	190	200	0.429	100-250	175	4	0.5	HE	N
Lily	LlC	l	0.28	0.28	3	190	200	0.429	100-200	150	9	1.45	HE	N
Lily	LlD	l	0.28	0.28	3	190	200	0.429	50-150	100	16	2.84	HE	N
Lindside	Ln	sil	0.37	0.37	5	190	200	0.541	25-200	175	1	0.15	N	N
Melvin	Me	sil	0.37	0.37	5	190	200	0.541	25-200	110	1	0.13	N	H - hydric
Newark	Nb	sil	0.37	0.37	5	190	200	0.541	25-200	110	1	0.13	N	I - inclusions
Nicholson	NcB	sil	0.37	0.37	4	190	200	0.432	100-250	175	4	0.5	HE	N
Nolichucky	NhB2	l	0.32	0.32	5	190	200	0.625	100-250	175	4	0.5	N	N
Nolichucky	NhC2	l	0.32	0.32	5	190	200	0.625	100-200	150	9	1.45	HE	N
Nolichucky	NhD2	l	0.32	0.32	5	190	200	0.625	50-150	100	16	2.84	HE	N
Nolin	No	sil	0.37	0.37	5	190	200	0.541	25-200	110	1	0.13	N	N
Nolin	Np	sil	0.37	0.37	5	190	200	0.541	25-200	110	1	0.13	N	N
Otwell	OtA	sil	0.37	0.37	4	190	200	0.432	25-275	150	1	0.11	N	N
Pits, quarries	Pt					190	200							N
Riney	RnB	l	0.24	0.24	4	190	200	0.667	100-250	175	4	0.5	N	N
Riney	RnC2	l	0.24	0.24	4	190	200	0.667	100-200	150	9	1.45	HE	N
Riney	RnD2	l	0.24	0.24	4	190	200	0.667	50-150	100	16	2.84	HE	N
Riney	RnE	l	0.24	0.24	4	190	200	0.667	50-150	100	25	5.89	HE	N

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Riney	RrC2	l	0.24	0.24	4	190	200	0.667	100-200	150	9	1.45	HE	N
Riney	RrD2	l	0.24	0.24	4	190	200	0.667	50-150	100	16	2.84	HE	N
Rock outcrop-Caneyville	RxE					190	200		50-150	100	21	4.44	HE	N
Rock outcrop						190	200							
Caneyville		sil	0.37	0.37	2	190	200	0.216						
Sonora	SnB	sil	0.32	0.32	5	190	200	0.625	100-250	175	4	0.5	N	N
Sonora	SnC	sil	0.32	0.32	5	190	200	0.625	100-200	150	9	1.45	HE	N
Zanesville	TsB	sil	0.43	0.43	4	190	200	0.372	100-250	150	4	0.471	HE	N
Tilsit	TsC	sil	0.37	0.37	4	190	200	0.432	100-200	150	9	1.45	HE	N
Vertrees	VrB2	sil	0.37	0.37	5	190	200	0.541	100-250	175	4	0.5	N	N
Vertrees	VrC2	sil	0.37	0.37	5	190	200	0.541	100-200	150	9	1.45	HE	N
Vertrees	VrD2	sil	0.37	0.37	5	190	200	0.541	50-150	100	16	2.84	HE	N
Vertrees	VrE	sil	0.37	0.37	5	190	200	0.541	50-150	100	25	5.89	HE	N
Vertrees	VtC3	sicl	0.37	0.37	4	190	200	0.432	100-200	150	9	1.45	HE	N
Water	W					190	200							
Wellston	WeB	sil	0.37	0.37	5	190	200	0.541	100-250	175	4	0.5	N	N
Wellston	WeC	sil	0.37	0.37	5	190	200	0.541	50-200	150	9	1.45	HE	N
Wellston	WeD	sil	0.37	0.37	3	190	200	0.324	50-150	100	16	2.84	HE	N