OHIO COUNTY HEL SOIL DATABASE (10-01-15)

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
Bethesda,Fairpoint,Morristown	BfF					200	175		20-100	80	40	6.88	HE	I - inclusions
Bethesda		cnv-l	0.1	0.32	5	200	175	2.286						
Fairpoint		cn-sil	0.2	0.43	5	200	175	1.143						
Morristown		cnv-sil	0.2	0.55	5	200	175	1.143						
Bonnie	Bp	sil	0.43	0.43	5	200	175	0.532	25-200	200	0.2	0.09	N	H - hydric
Caneyville	CcD2	sil	0.43	0.43	2	200	175	0.213	50-200	150	14	2.81	HE	N
Clifty	Ct	gr-sil	0.2	0.37	5	200	175	1.143	100-300	200	1	0.16	N	N
Cuba	Cu	sil	0.43	0.43	5	200	175	0.532	25-200	200	0.2	0.09	N	N
Dam, large	DAM					200	175							
Dumps, mine	Du					200	175							
Elk	EkA	sil	0.43	0.43	5	200	175	0.532	25-300	150	2	0.227	N	N
Elk	EkB2	sil	0.43	0.43	5	200	175	0.532	100-250	150	5	0.66	HE	N
Fairpoint,Bethesda,Morristown	FbB					200	175		100-200	150	4	0.47	N	N
Fairpoint		sil	0.37	0.37	5	200	175	0.618						
Bethesda		sil	0.37	0.37	5	200	175	0.618						
Morristown		sil	0.49	0.49	5	200	175	0.466						
Fairpoint,Bethesda,Morristown	FbD				2	200	175		100-200	150	10	1.68	HE	N
Fairpoint		sil	0.37	0.37	5	200	175	0.618						
Bethesda		sil	0.37	0.37	5	200	175	0.618						
Morristown		sil	0.49	0.49	5	200	175	0.466						
Fairpoint,Bethesda,Morristown	FmB					200	175		100-200	150	5	0.66	N	N
Fairpoint		cn-sil	0.2	0.43	5	200	175	1.143						
Bethesda		cnv-l	0.1	0.32	5	200	175	2.286						
Morristown		cn-sil	0.24	0.55	5	200	175	0.952						
Fairpoint,Bethesda,Morristown	FmD					200	175		100-200	150	10	1.68	HE	N
Fairpoint		cn-sil	0.2	0.43	5	200	175	1.143						
Bethesda		cnv-l	0.1	0.32	5	200	175	2.286						
Morristown		cn-sil	0.24	0.55	5	200	175	0.952						
Frondorf-Wellston	FrF					200	175		50-100	60	40	16.0+	HE	N
Frondorf		sil	0.37	0.37	2	200	175	0.247						
Wellston		sil	0.43	0.43	5	200	175	0.532						

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Frondorf-Wellston-Rosine	FsD2					200	175		100-200	150	14	2.81	HE	N
Frondorf		sil	0.37	0.37	2	200	175	0.247						
Wellston		sil	0.43	0.43	5	200	175	0.532						
Rosine		sil	0.43	0.43	5	200	175	0.532						
Frondorf-Wellston-Rosine	FsE					200	175		50-150	80	25	11.78	HE	N
Frondorf		sil	0.37	0.37	2	200	175	0.247						
Wellston		sil	0.43	0.43	5	200	175	0.532						
Rosine		sil	43	0.43	5	200	175	0.005						
Frondorf-Wellston-Rosine	FwD3					200	175		50-200	150	16	3.48	HE	N
Frondorf		sil	0.43	0.43	1	200	175	0.106						
Wellston		sil	0.43	0.43	2	200	175	0.213						
Rosine		sicl	0.37	0.37	3	200	175	0.371						
Frondorf-Wellston-Rosine	FwE3					200	175		50-150	80	25	11.78	HE	N
Frondorf		sil	0.43	0.43	1	200	175	0.106						
Wellston		sil	0.43	0.43	2	200	175	0.213						
Rosine		sicl	0.37	0.37	3	200	175	0.371						
Henshaw	He	sil	0.43	0.43	5	200	175	0.532	25-200	200	0.2	0.09	N	I - inclusions
Karnak	Ka	sil	0.37	0.37	5	200	175	0.618	25-200	200	0.2	0.09	N	H - hydric
Karnak	Ks	sic	0.24	0.24	5	200	175	0.952	25-500	200	0.5	0.11	N	H - hydric
Lindside	Ld	sil	0.43	0.43	5	200	175	0.532	25-200	200	0.2	0.09	N	N
McGary	Mc	sil	0.49	0.49	5	200	175	0.466	25-300	100	1	0.13	N	I - inclusions
Newark	Ne	sil	0.37	0.37	5	200	175	0.618	25-200	100	1	0.13	N	I - inclusions
Nolin	No	sil	0.37	0.37	5	200	175	0.618	50-300	150	1	0.15	N	I - inclusions
Otwell	OtA	sil	0.37	0.37	4	200	175	0.494	25-275	200	0.5	0.11	N	N
Otwell	OtB2	sil	0.37	0.37	4	200	175	0.494	100-250	100	4	0.4	N	N
Pope	Po	fsl	0.24	0.24	5	200	175	0.952	25-200	200	0.5	0.11	N	N
Pits, quarry	Pi					200	175							
Rosine - Caneyville	RcC2					200	175		50-200	150	10	1.68	HE	N
Rosine		sil	0.43	0.43	5	200	175	0.532						
Caneyville		sil	0.43	0.43	2	200	175	0.213						

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Rosine-Caneyville	RcD2					200	175		50-200	75	14	1.99	HE	N
Rosine		sil	0.43	0.43	5	200	175	0.532						
Caneyville		sil	0.43	0.43	2	200	175	0.213						
Rosine-Caneyville	RoC3					200	175		100-200	150	10	1.68	HE	N
Rosine		sicl	0.43	0.43	3	200	175	0.319						
Caneyville		sic	0.28	0.28	1	200	175	0.163						
Rosine-Caneyville	RoD3					200	175		50-150	100	16	2.84	HE	N
Rosine		sicl	0.43	0.43	3	200	175	0.319						
Caneyville		sic	0.28	0.28	1	200	175	0.163						
Sadler	SaB2	sil	0.43	0.43	4	200	175	0.425	100-350	250	4	0.5	HE	N
Steff	Sf	sil	0.43	0.43	5	200	175	0.532	25-200	200	0.2	0.09	N	N
Stendal	Sn	sil	0.37	0.37	5	200	175	0.618	25-200	200	0.2	0.09	N	I - inclusions
Bonnie	uBonA	sil	0.49	0.49	5	200	175	0.466	25-300	200	0.5	0.11	N	H - hydric
Hosmer	uHosB2	sil	0.37	0.37	4	200	175	0.494	100-300	200	4	0.53	HE	N
Melvin	uMelA	sil	0.43	0.43	5	200	175	0.532	25-300	200	1	0.16	N	H - hydric
Robbs	uRobA	sil	0.37	0.37	4	200	175	0.494	100-300	150	1	0.15	N	I - inclusions
Weinbach	Wb	sil	0.43	0.43	4	200	175	0.425	25-200	200	0.5	0.11	N	I - inclusions
Wellston	WeC2	sil	0.37	0.37	5	200	175	0.618	50-200	150	9	1.45	HE	N
Wellston	WeC3	sil	0.43	0.43	2	200	175	0.213	100-300	150	10	1.68	HE	N
Wellston	WeD2	sil	0.43	0.43	5	200	175	0.532	50-150	100	16	2.84	HE	N
Wellston	WeD3	sil	0.43	0.43	2	200	175	0.213	50-150	100	16	2.84	HE	N
Zanesville	ZaB2	sil	0.43	0.43	4	200	175	0.425	100-300	200	4	0.53	HE	N
Zanesville	ZaC2	sil	0.43	0.43	4	200	175	0.425	100-250	200	10	1.94	HE	N
Zanesville	ZaC3	sil	0.43	0.43	2	200	175	0.213	50-300	200	10	1.94	HE	N