CARTER 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	145	150	1.111	25-275	150	1	0.15	N - not erodible	N
Allegheny	AlB	l	0.32	0.32	5	145	150	0.833	100-250	175	4	0.5	N - not erodible	N
Allegheny	AlC	l	0.32	0.32	4	145	150	0.667	100-200	150	9	1.45	HE- highly erodible	N
Berks-Cranston	BCF		0.23	0.39	3.5	145	150	0.812	50-100	75	40	10.82	HE- highly erodible	N
Berks		cn-sil	0.2	0.32	3	145	150	0.800						
Cranston		cn-sil	0.2	0.37	5	145	150	1.333						
Bethesda-Fairpoint	BeB					145	150		100-300	175	3	0.34	N - not erodible	N
Bethesda		cn-sil	0.24	0.43	5	145	150	1.111						
Fairpoint		cn-sil	0.2	0.43	5	145	150	1.333						
Bethesda-Fairpoint	BeF					145	150		50-100	75	33	7.99	HE- highly erodible	N
Bethesda		cn-sil	0.24	0.43	5	145	150	1.111						
Fairpoint		cn-sil	0.2	0.43	5	145	150	1.333						
Bledsoe-Caneyville-Rock	BRF					145	150		50-100	75	45	13.18	HE- highly erodible	N
Bledsoe		sil	0.37	0.37	5	145	150	0.721						
Caneyville		sil	0.37	0.37	2	145	150	0.288						
Caneyville	CaC	sil	0.37	0.37	2	145	150	0.288	100-200	150	13	2.51	HE- highly erodible	N
Caneyville-Rock Outcrop	CbD	sil	0.37	0.37	2	145	150	0.288	50-150	100	21	4.44	HE- highly erodible	N
Cotaco	Co	l	0.24	0.24	5	145	150	1.111	25-200	110	2	0.21	N - not erodible	N
Cuba	Cu	sil	0.37	0.37	5	145	150	0.721	25-200	110	1	0.13	N - not erodible	N
Grigsby	Gr	fsl	0.24	0.24	5	145	150	1.111	25-200	110	1	0.13	N - not erodible	N
Hagerstown	HaB	sil	0.28	0.28	5	145	150	0.952	100-250	175	4	0.5	N - not erodible	N
Latham	LaC	sil	0.43	0.43	3	145	150	0.372	100-200	150	9	1.45	HE- highly erodible	N
Latham	LaD	sil	0.37	0.37	3	145	150	0.432	50-150	100	16	2.84	HE- highly erodible	N
Latham-Shelocta	LsE	sil				145	150		50-150	100	25	5.89	HE- highly erodible	N
Latham		sil	0.43	0.43	3	145	150	0.372						
Shelocta		sil	0.37	0.37	5	145	150	0.721						
Latham-Shelocta	LTF	sil				145	150		50-100	75	40	10.82	HE- highly erodible	N
Latham		sil	0.43	0.43	3	145	150	0.372						
Shelocta		sil	0.37	0.37	5	145	150	0.721						
Lily	LyD	fsl	0.17	0.17	2	145	150	0.627	50-150	100	13	2.05	HE- highly erodible	N

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McGary	Mc	sil	0.37	0.37	5	145	150	0.721	25-200	110	1	0.13	N - not erodible	I - inclusions
Monongahela	MoA	l	0.24	0.24	4	145	150	0.889	25-275	150	1	0.15	N - not erodible	N
Monongahela	MoB	l	0.24	0.24	4	145	150	0.889	100-250	175	4	0.5	N - not erodible	N
Morehead	Mr	sil	0.37	0.37	5	145	150	0.721	25-200	110	2	0.21	N - not erodible	I - inclusions
Newark	Ne	sil	0.43	0.43	5	145	150	0.620	25-200	110	1	0.13	N - not erodible	I - inclusions
Nolin	No	sil	0.32	0.32	5	145	150	0.833	25-200	110	1	0.13	N - not erodible	I - inclusions
Pits	Pm					145	150							N
Pope	Po	fsl	0.24	0.24	5	145	150	1.111	25-200	110	1	0.13	N - not erodible	N
Rigley-Rock Outcrop	RSF	st-fsl	0.15	0.24	5	145	150	1.778	50-100	75	45	13.1	HE- highly erodible	N
Shelocta	SaB	sil	0.37	0.37	5	145	150	0.721	100-250	175	4	0.5	N - not erodible	N
Shelocta	SaC	sil	0.37	0.37	5	145	150	0.721	100-200	150	9	1.45	HE- highly erodible	N
Shelocta	SaD	sil	0.37	0.37	5	145	150	0.721	50-150	100	16	2.84	HE- highly erodible	N
Skidmore	Sd	gr-l	0.24	0.32	5	145	150	1.111	25-200	110	1	0.13	N - not erodible	N
Steinsburg-Latham	SNF					145	150		50-100	75	40	10.82	HE- highly erodible	N
Steinsburg		sl	0.15	0.15	2	145	150	0.711						
Latham		sil	0.43	0.43	3	145	150	0.372						
Stendal	St	sil	0.43	0.43	5	145	150	0.620	25-200	110	1	0.13	N - not erodible	I - inclusions
Stokly	Sv	fsl	0.2	0.2	5	145	150	1.333	25-200	110	1	0.13	N - not erodible	I - inclusions
Tilsit	TlB	sil	0.43	0.43	4	145	150	0.496	100-250	175	4	0.5	HE- highly erodible	N
Upshur	UpD	sicl	0.37	0.37	4	145	150	0.577	50-150	100	21	4.44	HE- highly erodible	N
Vandalia-Upshur	VUF					145	150		50-100	75	40	10.82	HE- highly erodible	N
Vandalia		sil	0.43	0.43	5	145	150	0.620						
Upshur		sicl	0.37	0.37	4	145	150	0.577						
Water	W													
Wernock	WeB	sil	0.37	0.37	4	145	150	0.577	100-250	175	4	0.5	N - not erodible	N
Wernock	WeC	sil	0.37	0.37	4	145	150	0.577	100-200	150	9	1.45	HE- highly erodible	N
Wernock	WeD	sil	0.37	0.37	4	145	150	0.577	50-150	100	16	2.84	HE- highly erodible	N
Whitley	WhA	sil	0.37	0.37	5	145	150	0.721	25-250	150	2	0.23	N - not erodible	N