CUMBERLAND 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
Caneyville-Lonewood	CaD2					195	200		50-150	100	16	2.840	HE- highly erodible	N
Caneyville		sil	0.37	0.37	2	195	200	0.216						
Lonewood		sil	0.32	0.32	3	195	200	0.375						
Chagrin	Cg	loam	0.28	0.28	5	195	200	0.714	100-300	200	1.5	0.180	N - not erodible	I - inclusions
Crider	CrB	sil	0.37	0.37	5	195	200	0.541	100-400	200	4	0.528	N - not erodible	N
Crider	CrC2	sil	0.37	0.37	5	195	200	0.541	100-300	150	9	1.450	HE- highly erodible	N
Cynthiana-Faywood	CyF2					195	200		50-150	100	31	7.980	HE- highly erodible	N
Cynthiana		sicl	0.37	0.37	1	195	200	0.108						
Faywood		sicl	0.32	0.32	2	195	200	0.250						
Dewey	DeB	loam	0.32	0.32	5	195	200	0.625	100-200	150	4	0.471	N - not erodible	N
Dewey	DeC2	loam	0.32	0.32	5	195	200	0.625	100-200	150	9	1.450	HE- highly erodible	N
Dewey	DeD2	loam	0.32	0.32	5	195	200	0.625	100-200	150	16	3.480	HE- highly erodible	N
Dewey-Lonewood	DmD					195	200		50-150	100	19	4.000	HE- highly erodible	N
Dewey		loam	0.32	0.32	5	195	200	0.625						
Lonewood		sil	0.32	0.32	3	195	200	0.375						
Egam	Eg	sicl	0.28	0.28	5	195	200	0.714	100-300	200	1.5	0.180	N - not erodible	N
Elk	EkA	sil	0.43	0.43	5	195	200	0.465	100-200	150	1	0.150	N - not erodible	N
Elk	EkB	sil	0.43	0.43	5	195	200	0.465	100-300	200	4	0.528	N - not erodible	N
Elk	EkC2	sil	0.43	0.43	5	195	200	0.465	100-200	150	9	1.450	HE- highly erodible	N
Elk	EkD2	sil	0.43	0.43	5	195	200	0.465	50-150	100	16	2.840	HE- highly erodible	N
Faywood-Cynthiana	FcC2					195	200		50-150	100	9	1.180	HE- highly erodible	N
Faywood		sicl	0.32	0.32	2	195	200	0.250						
Cynthiana		sicl	0.37	0.37	1	195	200	0.108						
Faywood-Cynthiana	FcD2					195	200		50-150	100	19	4.000	HE- highly erodible	N
Faywood		sicl	0.32	0.32	2	195	200	0.250						
Cynthiana		sicl	0.37	0.37	1	195	200	0.108						
Garmon-Carpenter-Newbern	GcF					195	200		50-150	100	48	16.530	HE- highly erodible	N
Garmon		loam	0.32	0.32	2	195	200	0.250						
Carpenter		sil	0.37	0.37	4	195	200	0.432						
Newbern		cn-sil	0.32	0.49	1	195	200	0.125						
Grigsby	Gr	fsl	0.24	0.24	5	195	200	0.833	100-300	200	1	0.160	N - not erodible	N
Holston	HoB	sil	0.43	0.43	5	195	200	0.465	100-225	150	4	0.471	N - not erodible	N
Holston	HoC2	sil	0.43	0.43	5	195	200	0.465	100-200	150	9	1.450	HE- highly erodible	N
Holston-Waynesboro	HsD2					195	200		50-150	100	19	4.000	HE- highly erodible	N
Holston		sil	0.43	0.43	5	195	200	0.465						
Waynesboro		loam	0.37	0.37	5	195	200	0.541						

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Huntington	Hu	sil	0.28	0.28	5	195	200	0.714	100-300	200	1	0.160	N - not erodible	N
Lawrence	La	sil	0.43	0.43	4	195	200	0.372	100-300	200	1	0.160	N - not erodible	I - inclusions
Lonewood	LdB	sil	0.32	0.32	5	195	200	0.625	100-200	150	4	0.471	HE- highly erodible	N
Lonewood	LdC2	sil	0.32	0.32	3	195	200	0.375	100-200	150	9	1.450	HE- highly erodible	N
Lowell	LoB	sil	0.37	0.37	5	195	200	0.541	100-200	150	4	0.471	HE- highly erodible	N
Lowell	LoC2	sil	0.37	0.37	5	195	200	0.541	100-200	150	9	1.450	HE- highly erodible	N
Lowell	LoD2	sil	0.37	0.37	5	195	200	0.541	50-150	100	19	4.000	HE- highly erodible	N
Melvin	Me	sil	0.43	0.43	5	195	200	0.465	100-300	200	1	0.160	N - not erodible	H - hydric
Monongahela	MnB	sil	0.37	0.37	4	195	200	0.432	100-200	150	4	0.471	HE- highly erodible	N
Monongahela	MnC2	sil	0.37	0.37	3	195	200	0.324	50-150	100	9	1.180	HE- highly erodible	N
Nelse	NeD	fsl	0.17	0.17	5	195	200	1.176	50-150	100	18	3.430	HE- highly erodible	N
Newark	Nk	sil	0.43	0.43	5	195	200	0.465	100-300	200	1	0.160	N - not erodible	I - inclusions
Newbern-Garmon	NrE					195	200		50-150	100	21	4.150	HE- highly erodible	N
Newbern		cn-sil	0.32	0.49	1	195	200	0.125						
Garmon		loam	0.32	0.32	2	195	200	0.250						
Renox	ReC2	gr-l	0.20	0.28	5	195	200	1.000	100-200	150	9	1.450	HE- highly erodible	N
Renox	ReD2	gr-l	0.20	0.28	5	195	200	1.000	50-150	100	18	3.430	HE- highly erodible	N
Renox-Faywood	RfF2					195	200		50-150	100	35	10.300	HE- highly erodible	N
Renox		gr-l	0.20	0.28	5	195	200	1.000						
Faywood		sicl	0.32	0.32	2	195	200	0.250						
Rohan	RoF3	cn-sil	0.28	0.43	1	195	200	0.143	50-150	100	35	10.300	HE- highly erodible	N
Sensabaugh	Se	gr-l	0.20	0.32	5	195	200	1.000	100-200	150	2	0.227	N - not erodible	N
Sensabaugh	SgB	gr-l	0.20	0.32	5	195	200	1.000	100-200	150	4	0.471	N - not erodible	N
Stokly	St	sl	0.17	0.17	5	195	200	1.176	100-300	200	1	0.160	N - not erodible	I - inclusions
Teddy	TeB	loam	0.32	0.32	4	195	200	0.500	100-200	150	4	0.471	HE- highly erodible	N
Trappist	ToC2	sil	0.43	0.43	2	195	200	0.186	100-200	150	9	1.450	HE- highly erodible	N
Trappist-Rohan	TpD2					195	200		50-150	100	18	3.430	HE-highly erodible	N
Trappist		sil	0.43	0.43	2	195	200	0.186						
Rohan		cn-sil	0.28	0.43	2	195	200	0.286						
Trimble	TrB	cb-sil	0.24	0.43	5	195	200	0.833	100-200	150	4	0.471	HE- highly erodible	N
Trimble	TrC2	cb-sil	0.24	0.43	5	195	200	0.833	50-150	100	9	1.180	HE- highly erodible	N
Trimble	TrD2	cb-sil	0.24	0.43	5	195	200	0.833	50-150	100	18	3.430	HE- highly erodible	N
Water	W					195	200							
Waynesboro	WaC2	loam	0.37	0.37	5	195	200	0.541	50-150	100	9	1.180	HE-highly erodible	N