ESTILL-LEE COUNTIES 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 P-Potential HE	HYDRI DET. H - hydric I - inclusions N - not hydric
Allegheny	AgB	l	0.32	0.32	5	160	175	0.714	100-300	150	4	0.471	N	N
Allegheny	AgC	l	0.32	0.32	5	160	175	0.714	100-300	150	9	1.45	HE	N
Allegheny	AgD2	l	0.32	0.32	5	160	175	0.714	50-125	75	16	2.46	HE	N
Allegheny-Urban land	AhC					160	175		25-130	50	8	0.701	N	N
Allegheny		l	0.32	0.32	5	160	175	0.714						
Alticrest-Ramsey-Rock outcrop	ArF					160	175		50-150	100	40	12.65	HE	N
Alticrest		sl	0.17	0.17	2	160	175	0.538						
Ramsey		cn-sl	0.1	0.1	1	160	175	0.457						
Beasley	BaC	sil	0.43	0.43	4	160	175	0.425	100-200	150	11	1.77	HE	N
Berea-Tilsit	BeB					160	175						HE	I - inclusions
Berea		sil	0.43	0.43	2	160	175	0.213	100-250	200	3	0.354		
Tilsit		sil	0.43	0.43	3	160	175	0.319	200-350	300	3	0.4		
Bledsoe Very Rocky	BlF	sil	0.37	0.37	5	160	175	0.618	50-150	100	40	12.65	HE	N
Brassfield-Shrouts-Woolper stony	BsF2					160	175		50-200	100	50	17.82	HE	N
Brassfield		sil	0.37	0.37	3	160	175	0.371						
Shrouts		sicl	0.32	0.32	3	160	175	0.429						
Woolper		sicl	0.37	0.37	5	160	175	0.618						
Caneyville-Bledsoe-Cynthiana V-R	CbE2					160	175		50-150	100	21	4.12	HE	N
Caneyville		sicl	0.37	0.37	2	160	175	0.247						
Bledsoe		sil	0.37	0.37	5	160	175	0.618						
Cynthiana		sil	0.43	0.43	1	160	175	0.106						
Carpenter-Bledsoe-Berks stony	CkF					160	175		50-200	100	45	15.24	HE	N
Carpenter		sil	0.43	0.43	4	160	175	0.425						
Bledsoe		sil	0.37	0.37	5	160	175	0.618						
Berks		cn-sil	0.24	0.32	2	160	175	0.381						
Cotaco	CoB	l	0.32	0.32	5	160	175	0.714	100-300	200	5	0.758	HE	I - inclusions
Cruze	CrC	sil	0.43	0.43	4	160	175	0.425	50-200	100	9	1.18	HE	N
Dam, large	DAM					160	175							
Elk	ElA	sil	0.43	0.43	5	160	175	0.532	100-300	150	1	0.139	N	N
Elk	ElB	sil	0.43	0.43	5	160	175	0.532	50-200	100	5	0.536	HE	N
Fairpoint & Bethesda stony	FbF					160	175		50-150	100	45	15.24	HE	N
Fairpoint		cn-l	0.2	0.37	3	160	175	0.686						
Bethesda		cn-sil	0.2	0.37	5	160	175	1.143						

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Gilpin	GaC	sil	0.37	0.37	2	160	175	0.247	50-200	100	8	0.992	HE	N
Gilpin	GaD	sil	0.37	0.37	2	160	175	0.247	50-200	100	16	2.84	HE	N
Gilpin-Latham-Alticrest rocky	GlE					160	175		50-150	100	25	5.89	HE	N
Gilpin		sil	0.43	0.43	2	160	175	0.213						
Latham		sil	0.37	0.37	3	160	175	0.371						
Alticrest		sl	0.17	0.17	2	160	175	0.538						
Gilpin-Latham-Marrowbone rocky	GmF					160	175		50-150	100	43	15.08	HE	N
Gilpin		sil	0.43	0.43	2	160	175	0.213						
Latham		sil	0.37	0.37	3	160	175	0.371						
Marrowbone		l	0.28	0.28	2	160	175	0.327						
Gilpin-Rayne-Sequoia	GrD					160	175		50-150	100	18	3.43	HE	N
Gilpin		sil	0.43	0.43	2	160	175	0.213						
Rayne		l	0.37	0.37	3	160	175	0.371						
Sequoia		sil	0.32	0.32	3	160	175	0.429						
Gilpin-Shelocta	GsE					160	175		50-150	100	25	5.89	HE	N
Gilpin		sil	0.37	0.37	2	160	175	0.247						
Shelocta		sil	0.32	0.32	4	160	175	0.571						
Ginat	GtB	sil	0.43	0.43	5	160	175	0.532	50-250	100	2	0.201	N	H - hydric
Grigsby	Gu	sl	0.1	0.1	5	160	175	2.286	100-300	200	1.5	0.201	N	N
Grigsby-Rowdy	GvB					160	175		100-300	200	2	0.248	N	N
Grigsby		sl	0.1	0.1	5	160	175	2.286						
Rowdy		l	0.32	0.32	5	160	175	0.714						
Grigsby-Chavies-Yeager	GyF					160	175		50-150	100	15	2.57	HE	N
Grigsby		sl	0.1	0.1	5	160	175	2.286						
Chavies		fsl	0.24	0.24	4	160	175	0.762						
Yeager		sl	0.1	0.1	5	160	175	2.286						
Helechawa-Rock outcrop	HeF					160	175		50-150	100	45	15.24	HE	N
Helechawa		sl	0.15	0.15	5	160	175	1.524						
Jessietown-Muse-Rohan	JoF					160	175		50-150	100	40	12.65	HE	N
Jessietown		sil	0.37	0.37	2	160	175	0.247						
Muse		sil	0.43	0.43	3	160	175	0.319						
Rohan		sil	0.43	0.43	1	160	175	0.106						

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Jessietown-Woolper-Rock outcrop	JwF					160	175		50-200	100	40	12.65	HE	N
Jessietown		sil	0.37	0.37	2	160	175	0.247						
Woolper		sicl	0.37	0.37	5	160	175	0.618						
Knowlton	KnA	sil	0.43	0.43	5	160	175	0.532	100-300	200	1	0.16	N	H - hydric
Latham	LbD	sil	0.43	0.43	3	160	175	0.319	50-200	100	13	2.05	HE	N
Lindside	Ld	sil	0.37	0.37	5	160	175	0.618	100-300	200	1	0.16	N	I - inclusions
Melvin	Me	sil	0.49	0.49	5	160	175	0.466	100-300	200	1	0.16	N	H - hydric
Monongahela	MoB	fsl	0.17	0.17	4	160	175	1.076	100-300	200	4	0.528	N	N
Morehead	MrB	sil	0.37	0.37	5	160	175	0.618	100-200	150	4	0.471	N	I - inclusions
Morehead	MsA	sil	0.37	0.37	5	160	175	0.618	100-300	200	1	0.16	N	I - inclusions
Newark	Ne	sil	0.43	0.43	5	160	175	0.532	100-300	200	1	0.16	N	I - inclusions
Pits, quarries	Pt					160	175							
Rayne-Gilpin	RgC					160	175		50-200	100	8	0.992	HE	N
Rayne		l	0.32	0.32	3	160	175	0.429						
Gilpin		sil	0.43	0.43	2	160	175	0.213						
Rohan-Trappist	RtD					160	175		100-200	150	16	3.48	HE	N
Rohan		sil	0.43	0.43	1	160	175	0.106						
Trappist		sil	0.49	0.49	2	160	175	0.187						
Shelocta	SeC	sil	0.37	0.37	3	160	175	0.371	50-250	100	8	0.992	HE	N
Shelocta	SeD	sil	0.37	0.37	3	160	175	0.371	50-200	100	16	2.84	HE	N
Shelocta-Gilpin	SgF					160	175		50-200	75	45	13.18	HE	N
Shelocta		sil	0.32	0.32	4	160	175	0.571						
Gilpin		cn-sil	0.24	0.37	2	160	175	0.381						
Shrouts-Beasley-Woolper	SkE2					160	175		50-150	100	21	4.16	HE	N
Shrouts		sicl	0.32	0.32	3	160	175	0.429						
Beasley		sil	0.43	0.43	4	160	175	0.425						
Woolper		sicl	0.37	0.37	5	160	175	0.618						
Skidmore-Lindside	SlB					160	175		50-300	150	2.5	0.276	N	N
Skidmore		sil	0.37	0.37	3	160	175	0.371	50-150	100	2.5	0.244		
Lindside		sil	0.37	0.37	5	160	175	0.618	100-300	200	2.5	0.301		
Trappist	TrB	sil	0.49	0.49	2	160	175	0.187	100-250	150	4	0.471	HE	N
Trappist	TrC	sil	0.49	0.49	2	160	175	0.187	100-200	150	8	1.21	HE	N

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Chagrin-Grigsby	uChgB					160	175		100-300	200	1	0.16	N	N
Chagrin		I	0.37	0.37	5	160	175	0.618						
Grigsby		I	0.32	0.32	5	160	175	0.714						
Urban land-Udorthents	UuD					160	175							
Urban land						160	175							
Udorthents						160	175							
Water	W					160	175							
Westbend	WbC	sil	0.49	0.49	5	160	175	0.466	100-250	150	8	1.21	HE	I - inclusions
Westbend	WbD2	sil	0.49	0.49	4	160	175	0.373	100-200	150	16	3.48	HE	N
Westbend	WbE2	sil	0.49	0.49	4	160	175	0.373	50-200	100	33	10.3	HE	N
Woolper-Beasley	WoC					160	175		50-150	100	11	1.59	HE	I - inclusions
Woolper		sicl	0.37	0.37	5	160	175	0.618						
Beasley		sil	0.43	0.43	4	160	175	0.425						