PULASKI 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 ft	SLOPE LENGTH ft	% SLOPE USED	LS FACTOR	HEL DET. HE- highly erodible N - not erodible	HYDRI DET. H - hydric I - inclusions N - not hydric
Allegheny	AlB	loam	0.24	0.24	5	170	175	0.952	100-250	175	4	0.50	N - not erodible	N
Allegheny	AlC	loam	0.24	0.24	5	170	175	0.952	100-200	150	9	1.45	HE	N
Ashton	As	sil	0.37	0.37	5	170	175	0.618	25-200	110	1	0.13	N - not erodible	N
Bedford	BeA	sil	0.49	0.49	4	170	175	0.373	25-275	150	1	0.15	N - not erodible	N
Bedford	BeB	sil	0.49	0.49	4	170	175	0.373	100-250	175	4	0.50	HE	N
Brookside-rock outcrop	BrF					170	175		50-100	75	35	8.93	HE	N
Brookside		sil	0.37	0.37	5	170	175	0.618						
Rock outcrop														
Chagrin	Cg	loam	0.24	0.24	5	170	175	0.952	25-200	110	1	0.13	N - not erodible	N
Chagrin (Skidmore)	Ch	gr-sil	0.20	0.43	2	170	175	0.457	25-200	110	1	0.13	N - not erodible	N
Colyer	CoE	sil	0.43	0.43	1	170	175	0.106	50-150	100	35	10.30	HE	N
Cumberland	CuB	sil	0.32	0.32	5	170	175	0.714	100-250	175	4	0.50	N - not erodible	N
Cumberland	CuC	sil	0.32	0.32	5	170	175	0.714	100-200	150	9	1.45	HE	N
Cumberland (Baxter) cherty	CvB	gr-sil	0.17	0.32	5	170	175	1.345	100-250	175	4	0.50	N - not erodible	N
Cumberland (Baxter) cherty	CvC	gr-sil	0.17	0.32	5	170	175	1.345	100-200	150	9	1.45	HE	N
Cumberland (Baxter) cherty	CvD	gr-sil	0.17	0.32	5	170	175	1.345	50-150	100	16	2.84	HE	N
Cumberland (Baxter) cherty	CwD3	gr-sil	0.15	0.28	4	170	175	1.219	50-150	100	16	2.84	HE	N
Dekalb	DeC	sl	0.10	0.10	2	170	175	0.914	100-200	150	9	1.45	HE	N
Dekalb-rock outcrop	DrD	.				170	175		50-150	100	16	2.84	HE	N
Dekalb	.	sl	0.10	0.10	2	170	175	0.914			.			
Rock outcrop														
Dekalb-rock outcrop	DrE					170	175		50-100	75	35	8.93	HE	N
Dekalb		sl	0.10	0.10	2	170	175	0.914			.			
Rock outcrop														
Etowah (Baxter) cherty	EtB	gr-sil	0.17	0.32	5	170	175	1.345	100-250	175	4	0.50	N - not erodible	N
Etowah (Baxter) cherty	EtC	gr-sil	0.17	0.32	5	170	175	1.345	100-200	150	9	1.45	HE	N
Frankstown cherty	FcB	gr-sil	0.24	0.32	3	170	175	0.571	100-250	175	4	0.50	N - not erodible	N
Frankstown cherty	FcC	gr-sil	0.24	0.32	3	170	175	0.571	100-200	150	9	1.45	HE	N
Frankstown cherty	FcD	gr-sil	0.24	0.32	3	170	175	0.571	50-150	100	16	2.84	HE	N
Frankstown cherty	FcE	gr-sil	0.24	0.32	3	170	175	0.571	50-150	100	25	5.89	HE	N
Frederick	FdB	sil	0.37	0.37	5	170	175	0.618	100-250	175	4	0.50	N - not erodible	N
Frederick	FdC	sil	0.37	0.37	5	170	175	0.618	100-200	150	9	1.45	HE	N
Frederick	FdD	sil	0.37	0.37	5	170	175	0.618	50-150	100	16	2.84	HE	N
Frederick	FdE	sil	0.37	0.37	5	170	175	0.618	50-150	100	25	5.89	HE	N

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Frederick	FeC3	sicl	0.28	0.28	4	170	175	0.653	100-200	150	9	1.45	HE	N
Frederick	FeD3	sicl	0.28	0.28	4	170	175	0.653	50-150	100	16	2.84	HE	N
Frederick-Jefferson complex	FfE					170	175		50-150	100	35	10.30	HE	N
Frederick		sil	0.37	0.37	5	170	175	0.618						
Jefferson		st-l	0.17	0.24	5	170	175	1.345						
Fredonia-Frederick rocky	FkD					170	175		50-150	100	13	2.05	HE	N
Fredonia		sil	0.32	0.32	2	170	175	0.286						
Frederick		sil	0.37	0.37	5	170	175	0.618						
Fredonia-Frederick rocky	FlD3					170	175		50-150	100	13	2.05	HE	N
Fredonia (Caneyville-rocky)		sicl	0.24	0.24	1	170	175	0.190						
Frederick		sicl	0.28	0.28	4	170	175	0.653						
Fredonia	FrE	sil	0.32	0.32	2	170	175	0.286	50-150	100	18	3.43	HE	N
Garmon-Trimble complex	GmF					170	175		50-100	75	55	17.72	HE	N
Garmon		sil	0.37	0.37	2	170	175	0.247						
Trimble		gr-sil	0.24	0.37	5	170	175	0.952						
Gilpin	GnD	sil	0.37	0.37	2	170	175	0.247	50-200	100	16	2.84	HE	N
Hartsells	HaC	fsl	0.24	0.24	2	170	175	0.381	100-200	150	9	1.45	HE	N
Hartsells	HaD	fsl	0.24	0.24	2	170	175	0.381	50-150	100	16	2.84	HE	N
Hartsells	HaE	fsl	0.24	0.24	2	170	175	0.381	50-150	100	25	5.89	HE	N
Hartsells	HrB	loam	0.32	0.32	2	170	175	0.286	100-250	175	4	0.50	HE	N
Huntington	Hu	sil	0.28	0.28	5	170	175	0.816	25-200	110	1	0.13	N - not erodible	N
Jefferson	JeE	sl	0.10	0.10	5	170	175	2.286	50-150	100	30	7.95	HE	N
Jefferson	JfC	gr-l	0.15	0.24	5	170	175	1.524	100-200	150	9	1.45	N - not erodible	N
Jefferson	JfD	gr-l	0.15	0.24	5	170	175	1.524	50-150	100	16	2.84	HE	N
Jefferson	JlE	st-l	0.17	0.24	5	170	175	1.345	50-150	100	25	5.89	HE	N
Jefferson	JlF	st-l	0.17	0.24	5	170	175	1.345	50-100	75	48	14.78	HE	N
Lawrence	La	sil	0.37	0.37	5	170	175	0.618	25-200	110	2	0.21	N - not erodible	I - inclusions
Lindside	Ld	sil	0.37	0.37	5	170	175	0.618	25-200	110	1	0.13	N - not erodible	N
Melvin	Me	sil	0.43	0.43	5	170	175	0.532	25-200	110	1	0.13	N - not erodible	H - hydric
Monongahela	MgB	loam	0.24	0.24	4	170	175	0.762	100-250	175	4	0.50	N - not erodible	N
Mountview	MnB	sil	0.37	0.37	5	170	175	0.618	100-250	175	4	0.50	N - not erodible	N
Mountview	MnC	sil	0.37	0.37	5	170	175	0.618	100-200	150	9	1.45	HE	N
Mountview	MnD	sil	0.37	0.37	5	170	175	0.618	50-150	100	16	2.84	HE	N

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Muse	MoC	sil	0.43	0.43	4	170	175	0.425	100-200	150	9	1.45	HE	N
Muse	MoD	sil	0.43	0.43	4	170	175	0.425	50-150	100	16	2.84	HE	N
Muse	MsC3	sicl	0.32	0.32	3	170	175	0.429	100-200	150	9	1.45	HE	N
Muse	MsD3	sicl	0.32	0.32	3	170	175	0.429	50-150	100	16	2.84	HE	N
Muse-Hartsells complex	MtD					170	175		50-150	100	16	2.84	HE	N
Muse		sil	0.43	0.43	4	170	175	0.425						
Hartsells		fsl	0.24	0.24	2	170	175	0.381						
Muse-Shelocta complex	MuD					170	175		50-150	100	16	2.84	HE	N
Muse		sil	0.43	0.43	4	170	175	0.425			.			
Shelocta		sil	0.37	0.37	5	170	175	0.618						
Muse-Shelocta complex	MuE					170	175		50-150	100	25	5.89	HE	N
Muse		sil	0.43	0.43	4	170	175	0.425						
Shelocta		sil	0.37	0.37	5	170	175	0.618						
Muse-Shelocta complex	MuE3					170	175		50-150	100	25	5.89	HE	N
Muse		sicl	0.32	0.32	3	170	175	0.429						
Shelocta		sicl	0.37	0.37	4	170	175	0.494						
Muse-Shelocta complex	MuF					170	175		50-100	75	40	10.94	HE	N
Muse		sil	0.43	0.43	4	170	175	0.425						
Shelocta		sil	0.37	0.37	5	170	175	0.618						
Needmore	NcC2	sicl	0.37	0.37	3	170	175	0.371	100-200	150	9	1.45	HE	N
Needmore comp.(Caneyville)	NdD	sil	0.32	0.32	2	170	175	0.286	50-150	100	19	3.76	HE	N
Newark	Ne	sil	0.37	0.37	5	170	175	0.618	25-200	110	1	0.13	N - not erodible	N
Newark	Ng	gr-sil	0.20	0.32	5	170	175	1.143	25-200	110	1	0.13	N - not erodible	N
Nolichucky	NkC	loam	0.32	0.32	5	170	175	0.714	100-200	150	9	1.45	HE	N
Nolichucky	NkD	loam	0.32	0.32	5	170	175	0.714	50-150	100	16	2.84	HE	N
Nolin	No	sil	0.32	0.32	5	170	175	0.714	25-200	110	1	0.13	N - not erodible	N
Pembroke	PeB	sil	0.37	0.37	5	170	175	0.618	100-250	175	4	0.50	N - not erodible	N
Pembroke	PeC	sil	0.37	0.37	5	170	175	0.618	100-200	150	9	1.45	HE	N
Pope	Po	fsl	0.20	0.20	5	170	175	1.143	25-200	110	2	0.21	N - not erodible	N
Pits, quarries	Pt													N
Robertsville	Ro	sil	0.37	0.37	4	170	175	0.494	25-200	110	1	0.13	N - not erodible	H - hydric
Rockcastle	RsE	sil	0.37	0.37	3	170	175	0.371	50-150	100	25	5.89	HE	N
Shelocta	SgC	gr-sil	0.24	0.24	5	170	175	0.952	100-200	150	8	1.21	HE	N
Shelocta	SgD	gr-sil	0.24	0.37	5	170	175	0.952	50-150	100	16	2.84	HE	N

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Shelocta-Jefferson complex	ShD					170	175		50-150	100	16	2.84	HE	N
Shelocta		sil	0.37	0.37	5	170	175	0.618			.			
Jefferson		gr-l	0.15	0.24	5	170	175	1.524						
Shelocta-Jefferson complex	ShE					170	175		50-150	100	25	5.89	HE	N
Shelocta		sil	0.37	0.37	5	170	175	0.618						
Jefferson		st-l	0.17	0.24	5	170	175	1.345						
Shelocts-Jefferson complex	ShF					170	175		50-100	75	40	10.82	HE	N
Shelocta		sil	0.37	0.37	5	170	175	0.618						
Jefferson		st-l	0.17	0.24	5	170	175	1.345						
Stendal	Sn	sil	0.43	0.43	5	170	175	0.532	25-200	110	1	0.13	N - not erodible	N
Strip mines (Bethesda)	St	cn-cl	0.15	0.28	5	170	175	1.524						
Talbot (Caneyville)	TaC2	sicl	0.28	0.28	2	170	175	0.327	100-200	150	9	1.45	HE	N
Talbot (Caneyville) rocky	TbD	sil	0.37	0.37	2	170	175	0.247	50-150	100	13	2.05	HE	N
Talbot (Caneyville) rocky	TbE	sil	0.37	0.37	2	170	175	0.247	50-150	100	25	5.89	HE	N
Talbot (Caneyville) rocky	TcD3	sicl	0.28	0.28	1	170	175	0.163	50-150	100	13	2.05	HE	N
Tarklin cherty	TkB	gr-sil	0.24	0.43	3	170	175	0.571	100-250	175	4	0.50	N - not erodible	N
Tarklin cherty	TkC	gr-sil	0.24	0.43	3	170	175	0.571	100-200	150	9	1.45	HE	N
Trimble cherty	TrB	gr-sil	0.24	0.37	5	170	175	0.952	100-250	175	4	0.50	N - not erodible	N
Trimble cherty	TrC	gr-sil	0.24	0.37	5	170	175	0.952	100-200	150	9	1.45	HE	N
Trimble cherty	TrD	gr-sil	0.24	0.37	5	170	175	0.952	50-150	100	16	2.84	HE	N
Trimble cherty	TrE	gr-sil	0.24	0.37	5	170	175	0.952	50-150	100	25	5.89	HE	N
Water	W													
Waynesboro	WaB	loam	0.32	0.32	5	170	175	0.714	100-250	175	4	0.50	N - not erodible	N
Waynesboro	WaC	loam	0.32	0.32	5	170	175	0.714	100-200	150	9	1.45	HE	N
Waynesboro	WaD	loam	0.32	0.32	5	170	175	0.714	50-150	100	16	2.84	HE	N
Waynesboro	WaE	loam	0.32	0.32	5	170	175	0.714	50-150	100	25	5.89	HE	N
Waynesboro	WbE3	cl	0.20	0.20	4	170	175	0.914	50-150	100	21	4.44	HE	N
Whitley	WhC	sil	0.37	0.37	4	170	175	0.494	100-200	150	9	1.45	HE	N
Whitley	WIA	sil	0.37	0.37	5	170	175	0.618	25-275	150	1	0.15	N - not erodible	N
Whitley	WIB	sil	0.37	0.37	5	170	175	0.618	100-250	175	4	0.50	N - not erodible	N
Whitley	WIC	sil	0.37	0.37	5	170	175	0.618	100-200	150	9	1.45	HE	N
Whitley and Tilsit silt loams	WtB	sil				170	175		100-250	175	4	0.50	HE	N
Whitley		sil	0.37	0.37	4	170	175	0.494						
Tilsit		sil	0.43	0.43	4	170	175	0.425						