HARRISON 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	AlB	l	0.2	0.2	5	160	175	1.143	100-250	175	4	0.5	N - not erodible	N - not hydric
Allegheny	AlC2	l	0.2	0.2	5	160	175	1.143	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Allegheny	AlD2	l	0.2	0.2	5	160	175	1.143	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Ashton	AsA	sil	0.37	0.37	5	160	175	0.618	25-275	150	1	0.15	N - not erodible	N - not hydric
Ashton	AsB	sil	0.37	0.37	5	160	175	0.618	100-250	175	4	0.5	N - not erodible	N - not hydric
Ashton	AsC	sil	0.37	0.37	5	160	175	0.618	100-200	150	9	2.84	HE- highly erodible	N - not hydric
Brashear	BrB	sil	0.37	0.37	5	160	175	0.618	100-250	175	4	0.5	N - not erodible	N - not hydric
Brashear	BrC	sil	0.37	0.37	5	160	175	0.618	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Brashear	BsC2	sicl	0.32	0.32	5	160	175	0.714	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Brashear	BsD2	sicl	0.32	0.32	5	160	175	0.714	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Captina	CaA	sil	0.43	0.43	4	160	175	0.425	25-275	150	1	0.15	N - not erodible	N - not hydric
Captina	CaB	sil	0.37	0.37	4	160	175	0.494	100-250	175	4	0.5	HE- highly erodible	N - not hydric
Cynthiana	ChC2	flv-sicl	0.15	0.37	1	160	175	0.305	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Cynthiana	ChD2	flv-sicl	0.15	0.37	1	160	175	0.305	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Cynthiana	ChE2	flv-sicl	0.15	0.37	1	160	175	0.305	50-150	100	25	5.98	HE- highly erodible	N - not hydric
Cynthiana	CnC3	flv-c	0.1	0.24	1	160	175	0.457	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Cynthiana	CnD3	flv-c	0.1	0.24	1	160	175	0.457	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Cynthiana	CrE3	flv-c	0.1	0.24	1	160	175	0.457	50-150	100	25	5.89	HE- highly erodible	N - not hydric
Eden	EdC3	fl-sic	0.15	0.24	2	160	175	0.610	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Eden	EdD3	fl-sic	0.15	0.24	2	160	175	0.610	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Eden	EdE3	fl-sic	0.17	0.28	2	160	175	0.538	50-200	100	25	5.89	HE- highly erodible	N - not hydric
Egam	Eg	sil	0.32	0.32	5	160	175	0.714	25-275	150	1	0.15	N - not erodible	N - not hydric
Elk	EkA	sil	0.43	0.43	5	160	175	0.532	100-300	200	1	0.16	N - not erodible	N - not hydric
Elk	EkB	sil	0.43	0.43	5	160	175	0.532	100-250	175	4	0.5	N - not erodible	N - not hydric
Elk	EkC	sil	0.43	0.43	5	160	175	0.532	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Elk	EkD2	sil	0.43	0.43	5	160	175	0.532	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Elk	ErA	sil	0.43	0.43	5	160	175	0.532	100-300	200	1	0.16	N - not erodible	N - not hydric
Elk	ErB	sil	0.43	0.43	5	160	175	0.532	100-250	175	4	0.5	N - not erodible	N - not hydric
Elk	ErC	sil	0.43	0.43	5	160	175	0.532	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Etowah	EtB	sil	0.32	0.32	5	160	175	0.714	100-250	175	4	0.5	N - not erodible	N - not hydric
Etowah	EtC2	sil	0.32	0.32	5	160	175	0.714	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Fairmount-Cynthiana-Rock	FcE					160	175		50-150	100	25	8.89	HE- highly erodible	N - not hydric
Fairmount		fl-sicl	0.17	0.28	1	160	175	0.269						
Cynthiana		flv-sicl	0.15	0.37	1	160	175	0.305						
Rock outcrop						160	175							

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Fairmount-Cynthiana-Rock	FcF					160	175		50-150	100	40	12.65	HE- highly erodible	N - not hydric
Fairmount		fl-sicl	0.17	0.28	1	160	175	0.269						
Cynthiana		flv-sicl	0.15	0.37	1	160	175	0.305						
Rock outcrop						160	175							
Faywood	FwB	sil	0.32	0.32	2	160	175	0.286	100-250	175	4	0.5	HE- highly erodible	N - not hydric
Faywood	FwC	sil	0.43	0.43	2	160	175	0.213	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Faywood	FyB2	sicl	0.28	0.28	2	160	175	0.327	100-250	175	4	0.5	HE- highly erodible	N - not hydric
Faywood	FyC2	sicl	0.28	0.28	2	160	175	0.327	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Faywood	FyD2	sicl	0.28	0.28	2	160	175	0.327	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Gullied Land	Gu					160	175							
Heitt	HeB	sil	0.32	0.32	4	160	175	0.571	100-250	175	5	0.7	HE- highly erodible	N - not hydric
Heitt	HsB2	sicl	0.28	0.28	4	160	175	0.653	100-250	175	5	0.7	HE- highly erodible	N - not hydric
Heitt	HsC2	sicl	0.28	0.28	4	160	175	0.653	100-200	150	9	1.45	HE- highly erodible	N - not hydric
Huntington	Ht	cn-sil	0.15	0.24	2	160	175	0.610	25-200	110	1	0.13	N - not erodible	N - not hydric
Huntington	HuA	sil	0.28	0.28	5	160	175	0.816	25-200	110	2	0.23	N - not erodible	N - not hydric
Huntington	HuD	sil	0.28	0.28	5	160	175	0.816	50-150	100	12	1.8	HE- highly erodible	N - not hydric
Lanton	La	sil	0.28	0.28	5	160	175	0.816	25-275	150	1	0.15	N - not erodible	I - inclusions
Lawrence	Lc	sil	0.37	0.37	4	160	175	0.494	25-275	150	1	0.15	N - not erodible	I - inclusions
Lindside	Ld	sil	0.32	0.32	5	160	175	0.714	25-275	150	1	0.15	N - not erodible	N - not hydric
Made land	Ma					160	175							
McAfee	MsC2	sil	0.32	0.32	2	160	175	0.286	100-200	150	9	1.45	HE- highly erodible	N - not hydric
McAfee	MsD2	sil	0.32	0.32	2	160	175	0.286	50-150	100	16	2.84	HE- highly erodible	N - not hydric
Mercer	MtB	sil	0.37	0.37	4	160	175	0.494	100-250	175	4	0.5	HE- highly erodible	N - not hydric
Newark	Ne	sil	0.43	0.43	5	160	175	0.532	25-200	100	1	0.13	N - not erodible	I - inclusions
Pits, Quarries	Pt					160	175							
Rockland (Rock Outcrop)	Rk					160	175							
Bluegrass-Maury	uBlmB	sil				160	175		25-275	150	4	0.47	N - not erodible	N - not hydric
Bluegrass		sil	0.43	0.43	5	160	175	0.532						
Maury		sil	0.43	0.43	5	160	175	0.532						
Lowell-Faywood	uLfC					160	175		100-250	150	9	1.45	HE- highly erodible	N - not hydric
Lowell		sil	0.49	0.49	3	160	175	0.280						
Faywood		sil	0.43	0.43	2	160	175	0.213						
Lowell-Sandview	uLsoB					160	175		100-300	150	4	0.47	HE- highly erodible	N - not hydric
Lowell		sil	0.49	0.49	3	160	175	0.280						
Sandview		sil	0.43	0.43	5	160	175	0.532						

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Maury-Bluegrass	uMlmC					160	175		25-275	150	9	1.45	HE- highly erodible	N - not hydric
Maury		sil	0.43	0.43	5	160	175	0.532						
Bluegrass		sil	0.43	0.43	5	160	175	0.532						
Water	W					160	175							