McCREARY-WHITLEY AREA UPDATE HEL SOIL DATABASE (11/04)

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 - Potentially HE	HYDRI DET. H - hydric I - inclusions N - not hydric
Rigley-Alticrest	1F					175	175		100-300	200	50	25.21	HE	N - not hydric
Rigley		sl	0.24	0.24	4	175	175	0.762						
Alticrest		sl	0.24	0.24	2	175	175	0.381						
Shelocta-Lily	2E					175	175		100-300	150	27.5	8.48	HE	N - not hydric
Shelocta		sil	0.32	0.32	4	175	175	0.571						
Lily		loam	0.28	0.28	2	175	175	0.327						
Wernock-sequoia	3D					175	175		100-300	200	18	3.86	HE	N - not hydric
Wernock		sil	0.37	0.37	3	175	175	0.371						
Sequoia		sil	0.37	0.37	3	175	175	0.371						
Wernock-Gilpin-Sequoia	3E					175	175		100-300	200	26	8.40	HE	N - not hydric
Wernock		sil	0.37	0.37	3	175	175	0.371						
Gilpin		sil	0.32	0.32	3	175	175	0.429						
Sequoia		sil	0.37	0.37	3	175	175	0.371						
Sequoia-Wernock	4C					175	175		100-300	200	9	1.68	HE	N - not hydric
Sequoia		sil	0.37	0.37	3	175	175	0.371						
Wernock		sil	0.37	0.37	3	175	175	0.371						
Wallen-Ramsey-Alticrest	5E					175	175		150-300	225	28	9.00	HE	N - not hydric
Wallen		cn-sl	0.17	0.28	2	175	175	0.538						
Ramsey		cn-sl	0.17	0.2	1	175	175	0.269						
Alticrest		sl	0.24	0.24	2	175	175	0.381						
Wernock	6C	sil	0.37	0.37	3	175	175	0.371	100-300	200	9	1.68	HE	N - not hydric
Sequoia	7C	sil	0.37	0.37	3	175	175	0.371	100-300	200	9	1.68	HE	N - not hydric
Lily	8B	loam	0.28	0.28	2	175	175	0.327	100-200	150	4	0.47	HE	N - not hydric
Lily	8C	loam	0.28	0.28	2	175	175	0.327	100-200	150	9	1.45	HE	N - not hydric
Bethesda and Fairpoint soils	9C					175	175		25-300	160	10	1.70	HE	N - not hydric
Bethesda		cnv-sil	0.28	0.49	5	175	175	0.816						
Fairpoint		cnv-sil	0.37	0.55	5	175	175	0.618						
Bethesda and Fairpoint soils	9F					175	175		25-300	160	50	22.55	HE	N - not hydric
Bethesda		cnv-sil	0.28	0.49	5	175	175	0.816						
Fairpoint		cnv-sil	0.37	0.55	5	175	175	0.618						
Nolin-Elk	10					175	175		100-300	200	3	0.35	N - not erodible	N - not hydric
Nolin		sil	0.43	0.43	5	175	175	0.532	100-300	200	2	0.25		
Elk		sil	0.32	0.32	5	175	175	0.714	100-300	200	4	0.53		
Shelocta-Highsplint-Sequoia	11F					175	175		100-200	150	55	25.10	HE	N - not hydric
Shelocta		sil	0.32	0.32	4	175	175	0.571						
Highsplint		cn-sil	0.17	0.24	4	175	175	1.076						
Sequoia		sil	0.37	0.37	3	175	175	0.371						

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Caneyville-Rock outcrop	12F					175	175		100-200	150	35	12.62	HE	N - not hydric
Caneyville		sil	0.43	0.43	2	175	175	0.213						
Rock outcrop						175	175							
Shelocta-Bouldin	14F					175	175		100-200	150	50	21.83	HE	N - not hydric
Shelocta		sil	0.32	0.32	4	175	175	0.571						
Bouldin		cn-l	0.2	0.28	5	175	175	1.143						
Pope	15	sil	0.37	0.37	5	175	175	0.618	100-200	150	2	0.23	N - not erodible	I - inclusions
Allegheny-Grigsby	20					175	175		100-200	150	3	0.32	N - not erodible	I - inclusions
Allegheny		loam	0.32	0.32	4	175	175	0.571	100-200	150	4	0.47		
Grigsby		loam	0.32	0.32	5	175	175	0.714	100-200	150	2	0.23		
Shelocta	22D	sil	0.32	0.32	4	175	175	0.571	75-200	140	14	2.72	HE	N - not hydric
Shelocta-Sequoia	22E					175	175		100-200	150	27	8.39	HE	N - not hydric
Shelocta		sil	0.32	0.32	4	175	175	0.571						
Sequoia		sil	0.37	0.37	3	175	175	0.371						
Captina	26B	sil	0.43	0.43	3	175	175	0.319	150-300	200	4	0.53	HE	I - inclusions
Cotaco	28	sil	0.37	0.37	3	175	175	0.371	50-150	100	2	0.20	N - not erodible	I - inclusions
Atkins-Stokley	30					175	175		100-300	200	1	0.16	N - not erodible	H - hydric
Atkins		loam	0.28	0.28	5	175	175	0.816						
Stokley		fsl	0.28	0.28	3	175	175	0.490						
Robertsville	64	sil	0.43	0.43	3	175	175	0.319	100-300	200	1	0.16	N - not erodible	H - hydric
Tilsit	78B	sil	0.43	0.43	3	175	175	0.319	100-200	150	4	0.47	HE	N - not hydric
Wellston-Tilsit	79B					175	175		100-250	200	4	0.53	HE	N - not hydric
Wellston		sil	0.37	0.37	4	175	175	0.494						
Tilsit		sil	0.43	0.43	3	175	175	0.319						
Dam, large	DAM					175	175							
Allegheny	uAllC	loam	0.32	0.32	5	175	175	0.714	100-300	150	9	1.45	HE	N - not hydric
Allegheny	uAlnB	loam	0.32	0.32	5	175	175	0.714	100-300	200	4	0.53	N - not erodible	N - not hydric
Allegheny	uAlnC	loam	0.32	0.32	5	175	175	0.714	100-300	200	9	1.68	HE	N - not hydric
Allegheny-Cotaco	uAnoB					175	175						N - not erodible	N - not hydric
Allegheny		loam	0.32	0.32	5	175	175	0.714	50-150	100	4	0.40		
Cotaco		sil	0.37	0.37	5	175	175	0.618	50-150	100	4	0.40		
Allegheny-Urban land	uAnuC					175	175						HE	N - not hydric
Allegheny		loam	0.32	0.32	5	175	175	0.714	50-150	100	8	0.99		
Urban land						175	175							
Udorthents	Ud					175	175				35		HE	N - not hydric
Urban land-Udorthents	uUraB					175	175						N - not erodible	N - not hydric
Urban land						175	175							
Udorthents		sil	0.43	0.43	5	175	175	0.532	50-150	100	3	0.28		

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Urban land-Udorthents	uUraC					175	175						N - not erodible	N - not hydric
Urban land						175	175							
Udorthents		cnv-sil	0.15	0.43	5	175	175	1.524	50-150	100	9	1.18		
Whitley	uWhtB	sil	0.49	0.49	4	175	175	0.373	50-300	100	4	0.40	HE	I - inclusions
Water	W					175	175							