

Highly Erodible Soils Classification
 Ripley County - SCS mapping

Map Unit :		Slope %		Slope	LS factor					Erod. Index		Class
Symbol	Map Unit Name	Min	Max	Length	Min	Max	R	K	T	Min	Max	
1	Adler sil	0	2	144	0.09	0.22	250	0.43	5	1.94	4.73	NHEL
2	Amagon sil	0	2	200	0.10	0.25	250	0.43	5	2.15	5.38	NHEL
3B	Elk sil	1	4	46	0.06	0.16	250	0.37	5	1.11	2.96	NHEL
5B	Bosket fsl	2	5	150	0.23	0.66	250	0.24	5	2.76	7.92	NHEL
5C	Bosket fsl	5	9	100	0.54	1.20	250	0.24	5	6.48	14.40	PHEL
7	Calhoun sil, Occa.fl	0	2	244	0.10	0.26	250	0.49	5	2.45	6.37	NHEL
8B	Captina sil	2	5	104	0.20	0.54	250	0.43	3	7.17	19.35	PHEL
8B2	Captina sil, eroded	2	5	104	0.20	0.54	250	0.43	3	7.17	19.35	PHEL
8C	Captina sil	5	9	104	0.54	1.19	250	0.43	3	19.35	42.64	HEL
8C2	Captina sil, eroded	5	9	104	0.54	1.19	250	0.43	3	19.35	42.64	HEL
9C	Clrksvle grv-sil	2	9	155	0.23	1.40	250	0.28	3	5.37	32.67	PHEL
9D	Clrksvle grv-sil	9	14	155	1.40	2.90	250	0.28	3	32.67	67.67	HEL
9F	Clrksvle grv-sil	14	35	155	2.90	12.00	250	0.28	3	67.67	280.00	HEL
10D	Clrksvle st-sil	5	14	155	0.67	2.90	250	0.28	3	15.63	67.67	HEL
10F	Clrksvle st-sil	14	35	155	2.90	12.50	250	0.28	3	67.67	291.67	HEL
12C	Doniphn grv-sil	2	9	110	0.21	1.20	250	0.28	3	4.90	28.00	PHEL
12D	Doniphn grv-sil	9	14	114	1.30	2.50	250	0.28	3	30.33	58.33	HEL
12F	Doniphn grv-sil	14	35	100	2.20	10.50	250	0.28	3	51.33	245.00	HEL
14B	Dubbs sil	0	5	150	0.09	0.66	250	0.37	5	1.67	12.21	PHEL
18B	Hartville sil	1	4	120	0.13	0.43	250	0.43	3	4.66	15.41	PHEL
19	Hontas sil	0	2	533	0.13	0.33	250	0.37	5	2.41	6.11	NHEL
21	Kobel clay	0	2	414	0.12	0.31	250	0.37	5	2.22	5.74	NHEL
23B	Loring sil	2	5	108	0.22	0.61	250	0.49	3	8.98	24.91	HEL
23B2	Loring sil, eroded	2	5	108	0.22	0.61	250	0.49	3	8.98	24.91	HEL
23C	Loring sil	5	9	108	0.54	1.20	250	0.49	3	22.05	49.00	HEL
23C2	Loring sil, eroded	5	9	108	0.54	1.20	250	0.49	3	22.05	49.00	HEL
23D	Loring sil	9	14	108	1.05	2.00	250	0.49	3	42.88	81.67	HEL
23D2	Loring sil, eroded	9	14	108	1.05	2.00	250	0.49	3	42.88	81.67	HEL
24A	Midco gr-l	1	3	71	0.11	0.26	250	0.24	5	1.32	3.12	NHEL
25	Nolin sil	0	2	96	0.08	0.20	250	0.43	5	1.72	4.30	NHEL
26B	Peridge sil	2	5	142	0.22	0.63	250	0.37	5	4.07	11.66	PHEL
26C	Peridge sil	5	9	142	0.63	1.40	250	0.37	5	11.66	25.90	HEL
26C2	Peridge sil	5	9	142	0.63	1.40	250	0.37	5	11.66	25.90	HEL
27	Secesh sil	0	2	206	0.10	0.25	250	0.32	4	2.00	5.00	NHEL
28	Tuckerman fsl	0	2	296	0.11	0.28	250	0.28	5	1.54	3.92	NHEL
29B	Tckrmn-Bosk. fsl	0	5	200	0.10	0.76	250	0.28	5	1.40	10.64	PHEL
30	Wideman fsl	0	5	31	0.06	0.15	250	0.17	5	0.51	1.28	NHEL
31B	Wilderness gr-sil	2	7	181	0.20	0.83	250	0.28	2	7.00	29.05	PHEL

Highly Erodible Soils Classification
 Ripley County cont. - USFS mapping

Map Unit Symbol	Map Unit Name	Slope %		Slope Length	LS factor		R	K	T	Erod. Index		Class
		Min	Max		Min	Max				Min	Max	
Aa	Alluvial Land Loamy	0	2	150	0.09	0.23	250	0.24	5	1.08	2.76	NHEL
Am	Alluvial Land Loamy	0	2	150	0.09	0.23	250	0.24	5	1.08	2.76	NHEL
AtB	Ashton sil	1	4	150	0.15	0.47	250	0.32	5	2.40	7.52	NHEL
CbB	Captina sil	2	8	130	0.22	1.20	250	0.43	3	7.88	43.00	PHEL
CaB	Captina sil,mod.shal	2	8	130	0.22	1.20	250	0.43	3	7.88	43.00	PHEL
CbD	Captina sil,mod.shal	8	14	120	1.00	2.60	250	0.43	3	35.83	93.17	HEL
CcB	Claiborne sil	2	8	130	0.22	1.20	250	0.37	5	4.07	22.20	PHEL
CcD	Claiborne sil	8	14	120	1.00	2.60	250	0.37	5	18.50	48.10	HEL
CdB	Clarksville gr-sil	2	8	130	0.22	1.20	250	0.28	3	5.13	28.00	PHEL
CdD	Clarksville gr-sil	8	14	120	1.00	2.60	250	0.28	3	23.33	60.67	HEL
CdE	Clarksville gr-sil	14	35	100	2.20	11.00	250	0.28	3	51.33	256.67	HEL
CdF	Clarksville gr-sil	35	60	100	11.00	23.00	250	0.28	3	256.67	536.67	HEL
ChB	Coulstone gr-fsl	2	8	150	0.23	1.20	250	0.24	3	4.60	24.00	PHEL
ChD	Coulstone gr-fsl	8	14	120	1.00	2.60	250	0.24	3	20.00	52.00	HEL
ChE	Coulstone gr-fsl	14	35	100	2.20	11.00	250	0.24	3	44.00	220.00	HEL
ChF	Coulstone gr-fsl	35	60	100	11.00	23.00	250	0.24	3	220.00	460.00	HEL
CvD	Coulstone-Clrksvle Rockland Complex											
	Coulstone gr-fsl	8	14	120	1.00	2.60	250	0.24	3	20.00	52.00	HEL
	Clarksville gr-sil	8	14	120	1.00	2.60	250	0.28	3	23.33	60.67	HEL
CvE	Coulstone-Clrksvle Rockland Complex											
	Coulstone gr-fsl	14	35	100	2.20	11.00	250	0.24	3	44.00	220.00	HEL
	Clarksville gr-sil	14	35	100	2.20	11.00	250	0.28	3	51.33	256.67	HEL
CvF	Coulstone-Clrksvle Rockland Complex											
	Coulstone gr-fsl	35	60	100	11.00	23.00	250	0.24	3	220.00	460.00	HEL
	Clarksville gr-sil	35	60	100	11.00	23.00	250	0.28	3	256.67	536.67	HEL
DoB	Doniphan gr-sil	2	8	130	0.22	1.20	250	0.28	5	3.08	16.80	PHEL
DoD	Doniphan gr-sil	8	14	120	1.00	2.60	250	0.28	5	14.00	36.40	HEL
DoE	Doniphan gr-sil	14	35	100	2.20	11.00	250	0.28	5	30.80	154.00	HEL
MaB	Macedonia sil	2	8	150	0.23	1.20	250	0.37	5	4.26	22.20	PHEL
MaD	Macedonia sil	8	14	120	1.00	2.60	250	0.37	5	18.50	48.10	HEL
MdB	Midco gr-loam	1	4	150	0.15	0.47	250	0.28	5	2.10	6.58	NHEL
NeA	Newark sil	0	2	150	0.09	0.23	250	0.43	5	1.94	4.95	NHEL
OpD	Opequon gr-sicl	8	14	120	1.00	2.60	250	0.32	1	80.00	208.00	HEL
OpE	Opequon gr-sicl	14	35	100	2.20	11.00	250	0.32	1	176.00	880.00	HEL
OpF	Opequon gr-sicl	35	60	100	11.00	23.00	250	0.32	1	880.00	1840.00	HEL
PyB	Poynor gr-sil	2	8	130	0.22	1.20	250	0.28	5	3.08	16.80	PHEL
PyD	Poynor gr-sil	8	14	120	1.00	2.60	250	0.28	5	14.00	36.40	HEL
PyE	Poynor gr-sil	14	35	100	2.20	11.00	250	0.28	5	30.80	154.00	HEL
PyF	Poynor gr-sil	35	60	100	11.00	23.00	250	0.28	5	154.00	322.00	HEL
RoD	Rockland	8	14									
RoE	Rockland	14	35									
RoF	Rockland	35	60									
SeB	Secesh loam	1	4	150	0.15	0.47	250	0.32	4	3.00	9.40	PHEL
VcB	Viraton sil	2	8	130	0.22	1.20	250	0.43	4	5.91	32.25	PHEL
WdB	Wilderness gr-sil	2	8	130	0.22	1.20	250	0.28	2	7.70	42.00	PHEL
WdD	Wilderness gr-sil	8	14	120	1.00	2.60	250	0.28	2	35.00	91.00	HEL

Ripley
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