

Highly Erodible Soils Classification
 Marion County, Missouri
 January 1990
 R = 200

Map Unit	Record Number	Series Name	Surface Texture Phase	Slope Percent		T	K	L	S	AV LS	Erodability Index		Highly Erodable Rating	Slope Low	Slope High
				Low	High						Low	High			
2C2	IA0550	Armstrong	l, er	5	9	3	0.32	150	7	1.01	11.9	33.6	HEL	120	180
2D2	IA0550	Armstrong	l, er	9	14	3	0.32	135	11.5	1.96	26.2	61.9	HEL	110	160
4	IL0004	Belknap	sil	0	2	5	0.37	182	1	0.14	0.0	3.7	NHEL	154	210
5	MO0014	Blackoar	sil	0	2	5	0.28	190	1	0.14	0.0	2.8	NHEL	165	215
6	MO0138	Blase	sic	0	2	5	0.28	187.	1	0.14	0.0	2.9	NHEL	150	225
7B	MO0055	Calwoods	sil	2	5	3	0.37	175	3.5	0.43	5.6	16.9	PHEL	150	200
8	MO0080	Carlow	sic	0	2	5	0.37	225	1	0.15	0.0	4.0	NHEL	175	275
9	MO0006	Cedargap	sil	0	2	5	0.32	110	1	0.13	0.0	2.8	NHEL	90	130
10	MO0051	Chariton	sil	0	2	3	0.37	145	1	0.13	0.0	5.7	NHEL	130	160
11	IA0138	Chequest	sicl	0	2	5	0.28	180	1	0.14	0.0	2.8	NHEL	160	200
12	MO0019	Edina	sil	0	2	3	0.37	210	1	0.14	0.0	6.4	NHEL	180	240
13	MO0062	Fatima	sil	0	2	5	0.28	170	1	0.14	0.0	2.8	NHEL	140	200
14B	MO0058	Gifford	sil	2	5	3	0.43	170	3.5	0.43	6.4	19.6	PHEL	140	200
14C	MO0058	Gifford	sil	5	9	3	0.43	142.	7	0.98	15.4	44.5	HEL	110	175
15C	MO0059	Gorin	sil	5	9	3	0.43	142.	7	0.98	15.4	44.5	HEL	110	175
16D	IA0566	Gosport	sicl	9	14	3	0.43	125	11.5	1.89	33.6	80.5	HEL	100	150
16E	IA0566	Gosport	sicl	14	20	3	0.43	120	17	3.43	62.4	143.2	HEL	90	150
17F	MO0013	Goss	sil	15	30	2	0.24	102.	22.5	5.01	53.2	217.6	HEL	75	130
19	IL0021	Landes	fsl	0	2	4	0.2	137.	1	0.13	0.0	2.4	NHEL	100	175
20C	MO0061	Leonard	sil	5	9	3	0.37	142.	7	0.98	13.3	38.3	HEL	110	175
21E	MO0018	Lindley	l	14	20	5	0.32	120	17	3.43	27.9	63.9	HEL	90	150
21F	MO0018	Lindley	l	20	35	5	0.32	110	27.5	7.23	49.5	149.2	HEL	90	130
22B	MO0052	Marion	sil	2	5	3	0.43	225	3.5	0.48	6.5	23.0	PHEL	150	300
23B	MO0046	Menfro	sil	2	5	5	0.37	220	3.5	0.47	3.3	11.9	PHEL	140	300
23C2	MO0046	Menfro	sil, er	5	9	5	0.37	170	7	1.07	8.8	24.5	HEL	140	200
23D2	MO0046	Menfro	sil, er	9	14	5	0.37	155	11.5	2.10	18.2	48.0	HEL	110	200
23E	MO0046	Menfro	sil	14	20	5	0.37	115	17	3.36	32.2	71.4	HEL	90	140
23F	MO0046	Menfro	sil	20	35	5	0.37	110	27.5	7.23	57.3	172.5	HEL	90	130
24B2	MO0056	Mexico	sicl, er	2	5	3	0.43	275	3.5	0.52	6.5	25.9	PHEL	150	400
25	MO0053	Moniteau	sil	0	2	5	0.43	170	1	0.14	0.0	4.3	NHEL	140	200
26	MO0054	Putnam	sil	0	2	3	0.43	175	1	0.14	0.0	7.1	NHEL	150	200
27C	MO0021	Sampsel	sicl	5	9	3	0.37	155	7	1.03	14.2	38.8	HEL	130	180
27D	MO0021	Sampsel	sicl	9	14	3	0.37	135	11.5	1.96	30.3	71.6	HEL	110	160
28B	MO0159	Smileyville	sil	2	6	3	0.37	225	4	0.55	5.6	28.7	PHEL	150	300
29B	MO0063	Vigar	l	2	5	5	0.24	190	3.5	0.45	2.1	7.2	NHEL	130	250
30B	IA0035	Weller	sil	2	5	3	0.37	175	3.5	0.43	5.6	16.9	PHEL	150	200
31C2	MO0047	Winfield	sil, er	5	9	5	0.37	160	7	1.04	8.2	24.5	HEL	120	200
31D2	MO0047	Winfield	sil, er	9	14	5	0.37	160	11.5	2.14	19.0	48.0	HEL	120	200
32		Pits-Orthents	com												

Barrett 6-14-94