

Highly Erodible Soils Classification
Carter County

Map Unit :		Slope %		Slope	LS factor		R	K	T	Erod. Index		Class
Symbol	Map Unit Name	Min	Max	Length	Min	Max				Min	Max	
14B	Elk sil	1	4	150	0.15	0.47	250	0.37	5	2.78	8.70	PHEL
15A	Gladden sil	0	3	150	0.09	0.32	250	0.24	4	1.35	4.80	NHEL
18A	Auxvasse sil	0	3	150	0.09	0.32	250	0.43	3	3.23	11.47	PHEL
19A	Midco gr-sil	1	4	150	0.15	0.47	250	0.28	5	2.10	6.58	NHEL
24B	Secesh sil	1	4	150	0.15	0.47	250	0.32	4	3.00	9.40	PHEL
26B	Wideman fsl	1	4	150	0.15	0.47	250	0.17	5	1.28	4.00	NHEL
38B	Captina sil	2	5	150	0.23	0.66	250	0.43	3	8.24	23.65	HEL
38C	Captina sil	5	9	130	0.61	1.40	250	0.43	3	21.86	50.17	HEL
42C	Clarksville gr-sil	3	9	130	0.31	1.40	250	0.28	3	7.23	32.67	PHEL
42D	Clarksville gr-sil	9	14	120	1.30	2.60	250	0.28	3	30.33	60.67	HEL
42F	Clarksville gr-sil	14	50	100	2.20	18.00	250	0.28	3	51.33	420.00	HEL
62F	Irondale cbv-sil	14	40	100	2.20	13.00	250	0.17	4	23.38	138.13	HEL
70F	Gasconade-Rock Outcrop Complex											
	Gasconade gr-sil	14	40	100	2.20	13.00	250	0.20	2	55.00	325.00	HEL
	Rock Outcrop Complex											
76C	Poynor grv-sil	3	9	130	0.31	1.40	250	0.28	3	7.23	32.67	PHEL
76D	Poynor grv-sil	9	14	120	1.30	2.60	250	0.28	3	30.33	60.67	HEL
76F	Poynor grv-sil	14	40	100	2.20	13.00	250	0.28	3	51.33	303.33	HEL
80C	Wilderness gr-sil	3	9	130	0.31	1.40	250	0.28	2	10.85	49.00	HEL
81D	Wildrnes-Clrksville Complex											
	Wilderness gr-sil	9	14	130	1.40	2.60	250	0.28	2	49.00	91.00	HEL
	Clarksville gr-sil	9	14	130	1.40	2.60	250	0.28	3	32.67	60.67	HEL

Highly Erodible Soils Classification
Carter 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
CoB	Claiborne sil	2	8	130	0.22	1.20	250	0.37	5	4.07	22.20	PHEL
CoD	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-siel	8	14	120	1.00	2.60	250	0.32	1	80.00	208.00	HEL
OpE	Opequon gr-siel	14	35	100	2.20	11.00	250	0.32	1	176.00	880.00	HEL
OpF	Opequon gr-siel	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

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