

Highly Erodible Land Classes

- 1= Highly Erodible Land
- 2= Potentially Highly Erodible
- 3= Not Highly Erodible

Map Symbol	Soil Name	%	WIND EROSION				WATER EROSION						Revised Water					
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	HEL Class		
Aa Aastad		100	0.35	48	3	80	0.24	5	0		3	40	150	0.058	0.324	2.083	3	3
Ab Aastad		100	0.35	48	3	80	0.24	5	0		3	40	150	0.058	0.324	2.083	3	3
Ac Aastad		65	0.35	48	3	80	0.24	5	0		3	40	150	0.058	0.324	2.083	3	3
Cresbard		35	0.35	48	3	80	0.32	3	0		3	40	150	0.058	0.324	0.938	3	3
Ad Aberdeen		100	0.35	48	3	80	0.32	3	0		3	50	300	0.060	0.399	0.938	3	3
Ae Aberdeen		70	0.35	38	3	80	0.32	3	0		3	50	300	0.060	0.399	0.938	3	3
Exline		30	0.35	38	3	80	0.28	3	0		3	50	300	0.060	0.399	1.071	3	3
An Arveson		100	0.35	86	3	80	0.17	4	0		3	50	150	0.060	0.324	2.353	3	3
BbC Barnes		65	0.35	48	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
Buse		35	0.35	86	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
BbC2 Barnes		60	0.35	48	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
Buse		40	0.35	86	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
Bc Barnes		65	0.35	48	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
Buse		35	0.35	86	3	80	0.28	5	6		9	50	150	0.475	1.436	1.786	3	3
BdB Barnes		60	0.35	48	3	80	0.28	5	0		6	40	200	0.058	0.951	1.786	3	3
Svea		40	0.35	48	3	80	0.28	5	0		6	40	200	0.058	0.951	1.786	3	3
BdB2 Barnes		65	0.35	48	3	80	0.28	5	0		6	40	200	0.058	0.951	1.786	3	3
Svea		35	0.35	48	3	80	0.28	5	0		6	40	200	0.058	0.951	1.786	3	3
Bk Bearden		65	0.35	86	3	80	0.28	5	0		3	40	225	0.058	0.366	1.786	3	3
Tonka		35	0.35	48	3	80	0.32	5	0		3	40	225	0.058	0.366	1.563	3	3
Bf Bearden		100	0.35	86	3	80	0.28	5	0		3	40	225	0.058	0.366	1.786	3	3
Br Borup		34	0.35	86	3	80	0.28	5	0		3	40	250	0.058	0.378	1.786	3	3
Colvin		33	0.35	86	3	80	0.32	5	0		3	40	250	0.058	0.378	1.563	3	3
Perella		33	0.35	48	3	80	0.28	5	0		3	40	250	0.058	0.378	1.786	3	3
BvD Buse		55	0.35	86	3	80	0.28	5	10		25	40	150	0.866	7.214	1.786	2	1
Barnes		45	0.35	48	3	80	0.28	5	10		25	40	150	0.866	7.214	1.786	2	1
BvD2 Buse		60	0.35	86	3	80	0.28	5	9		15	40	150	0.742	3.135	1.786	2	1
Barnes		40	0.35	48	3	80	0.28	5	9		15	40	150	0.742	3.135	1.786	2	1
Cp Colvin		50	0.35	86	3	80	0.32	5	0		1	40	300	0.058	0.179	1.563	3	3
Perella		50	0.35	48	3	80	0.28	5	0		1	40	300	0.058	0.179	1.786	3	3
Dc Dovray		100	0.35	86	3	80	0.28	5	0		1	40	200	0.058	0.159	1.786	3	3
Dm Dovray		100	0.35	86	3	80	0.28	5	0		1	40	200	0.058	0.159	1.786	3	3
Dv Divide		100	0.35	86	3	80	0.28	4	0		3	40	200	0.058	0.353	1.429	3	3
EcA Eckman		100	0.35	56	3	80	0.28	5	0		3	40	200	0.058	0.353	1.786	3	3
EcB Eckman		100	0.35	56	3	80	0.28	5	3		6	40	125	0.218	0.752	1.786	3	3
EmB Eckman		50	0.35	56	3	80	0.28	5	3		6	40	125	0.218	0.520	1.786	3	3
Maddock		50	0.35	56	3	80	0.17	5	3		6	40	125	0.218	0.752	2.941	3	3
EmC Eckman		50	0.35	56	3	80	0.28	5	6		9	40	100	0.425	1.173	1.786	3	3
Maddock		50	0.35	56	3	80	0.17	5	6		9	40	100	0.425	1.173	2.941	3	3
Ex Exline		100	0.35	48	3	80	0.28	3	0		1	40	300	0.058	0.179	1.071	3	3
Fc Fargo		100	0.35	86	3	80	0.32	5	0		3	40	400	0.058	0.435	1.563	3	3
Fob Forman		60	0.35	48	3	80	0.28	5	3		6	40	100	0.218	0.672	1.786	3	3
Aastad		40	0.35	48	3	80	0.24	5	3		6	40	100	0.218	0.672	2.083	3	3
FoB2 Forman		60	0.35	48	3	80	0.28	5	3		6	40	100	0.218	0.672	1.786	3	3
Aastad		40	0.35	48	3	80	0.24	5	3		6	40	100	0.218	0.672	2.083	3	3
Fs Forman		60	0.35	48	3	80	0.28	5	3		6	40	100	0.218	0.672	1.786	3	3
Aastad		40	0.35	48	3	80	0.24	5	3		6	40	100	0.218	0.672	2.083	3	3

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Map Symbol	Soil Name	%	WIND EROSION			WATER EROSION							Revised Water				
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent	Slope- -Length	LS- -Value	Water HEL Class	HEL Class				
FvC Forman		65	0.35	48	3	80	0.28	5	6		9 40	200	0.425	1.659	1.786	3	3
Buse		35	0.35	86	3	80	0.28	5	6		9 40	200	0.425	1.659	1.786	3	3
FvC2 Forman		60	0.35	48	3	80	0.28	5	6		9 40	200	0.425	1.659	1.786	3	3
Buse		40	0.35	86	3	80	0.28	5	6		9 40	200	0.425	1.659	1.786	3	3
Fw Parnell		100	0.35	38	3	80	0.28	5	0		1 10	100	0.044	0.129	1.786	3	3
Ga Venlo		100	0.35	134	1	80	0.2	5	0		1 40	125	0.058	0.138	2.500	3	3
GgA Gardena		60	0.35	56	3	80	0.28	5	0		3 40	150	0.058	0.324	1.786	3	3
Glyndon		40	0.35	86	3	80	0.28	4	0		3 40	150	0.058	0.324	1.429	3	3
GmA Gardena		60	0.35	56	3	80	0.28	5	0		3 40	150	0.058	0.324	1.786	3	3
Glyndon		40	0.35	86	3	80	0.28	4	0		3 40	150	0.058	0.324	1.429	3	3
GoA Glyndon		100	0.35	86	3	80	0.28	4	0		3 40	150	0.058	0.324	1.429	3	3
GsA Glyndon		100	0.35	86	3	80	0.28	4	0		3 40	150	0.058	0.324	1.429	3	3
Ha Hamar		100	0.35	86	3	80	0.2	5	0		3 40	125	0.058	0.307	2.500	3	3
Hb Hamerly		100	0.35	86	3	80	0.28	5	0		3 40	125	0.058	0.307	1.786	3	3
Hf Hamerly		60	0.35	86	3	80	0.28	5	0		3 40	125	0.058	0.307	1.786	3	3
Aastad		40	0.35	48	3	80	0.24	5	0		3 40	125	0.058	0.307	2.083	3	3
Hh Hamerly		60	0.35	86	3	80	0.28	5	0		3 40	100	0.058	0.287	1.786	3	3
Svea		40	0.35	48	3	80	0.28	5	0		3 40	100	0.058	0.287	1.786	3	3
Hkx Hecla		100	0.35	220	1	80	0.17	5	0		6 20	80	0.050	0.601	2.941	3	3
HIAx Hecla		100	0.35	86	3	80	0.2	5	0		3 20	80	0.050	0.268	2.500	3	3
HIBx Hecla		100	0.35	86	3	80	0.2	5	3		6 20	80	0.177	0.601	2.500	3	3
HmA Towner		100	0.35	86	3	80	0.2	5	0		3 40	125	0.058	0.307	2.500	3	3
HnAx Hecla		100	0.35	134	1	80	0.17	5	0		3 20	80	0.050	0.268	2.941	3	3
Hoa Hecla		100	0.35	134	1	80	0.17	5	0		3 40	125	0.058	0.307	2.941	3	3
Hwx Hecla		65	0.35	134	1	80	0.17	5	3		9 20	80	0.177	1.049	2.941	3	3
Maddock		35	0.35	134	1	80	0.17	5	3		9 20	80	0.177	1.049	2.941	3	3
Hz Hegne		100	0.35	86	3	80	0.32	5	0		1 50	300	0.060	0.179	1.563	3	3
HfA Hegne		60	0.35	86	3	80	0.32	5	0		1 50	300	0.060	0.179	1.563	3	3
Fargo		40	0.35	86	3	80	0.32	5	0		1 50	300	0.060	0.179	1.563	3	3
La Lamoure		100	0.35	86	3	80	0.28	5	0		3 50	150	0.060	0.324	1.786	3	3
Lf LaPrairie		50	0.35	48	3	80	0.28	5	0		3 50	150	0.060	0.324	1.786	3	3
Fairdale		50	0.35	48	3	80	0.28	5	0		3 50	150	0.060	0.324	1.786	3	3
Lp LaPrairie		100	0.35	48	3	80	0.28	5	0		3 50	150	0.060	0.324	1.786	3	3
MkAx Maddock		100	0.35	86	3	80	0.17	5	0		3 20	100	0.050	0.287	2.941	3	3
MkBx Maddock		100	0.35	86	3	80	0.17	5	3		6 20	80	0.177	0.601	2.941	3	3
MkCx Maddock		100	0.35	86	3	80	0.17	5	6		9 20	50	0.301	0.829	2.941	3	3
MdBx Maddock		100	0.35	134	1	80	0.17	5	3		6 20	80	0.177	0.601	2.941	3	3
MdC Maddock		100	0.35	134	1	80	0.17	5	6		9 20	50	0.301	0.829	2.941	3	3
OaA Overly		100	0.35	48	3	80	0.32	5	0		3 50	250	0.060	0.378	1.563	3	3
OcB Overly		100	0.35	38	3	80	0.32	5	3		6 40	150	0.218	0.823	1.563	3	3
Os Overly		55	0.35	48	3	80	0.32	5	0		3 50	250	0.060	0.378	1.563	3	3
Aastad		45	0.35	48	3	80	0.24	5	0		3 50	250	0.060	0.378	2.083	3	3
OvC Overly		55	0.35	48	3	80	0.32	5	6		9 40	125	0.425	1.311	1.563	3	3
Barnes		45	0.35	48	3	80	0.28	5	6		9 40	125	0.425	1.311	1.786	3	3
OyA Overly		60	0.35	38	3	80	0.32	5	0		3 40	125	0.058	0.307	1.563	3	3
Bearden		40	0.35	86	3	80	0.28	5	0		3 40	125	0.058	0.307	1.786	3	3
Pa parnell		100	0.35	38	3	80	0.28	5	0		1 20	100	0.050	0.129	1.786	3	3

Sargent
North Dakota

6-1-1987

Highly Erodible and
Potentially Highly Erodible
Land Calculator Ver. 1.1

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Map Symbol	Soil Name	%	WIND EROSION			WATER EROSION							Revised Water				
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	HEL Class	
Pe	perella	100	0.35	38	3	80	0.28	5	0	1	20	100	0.050	0.129	1.786	3	3
Ra	Rauville	100	0.35	86	3	80	0.28	5	0	1	20	100	0.050	0.129	1.786	3	3
RhA	Renshaw	100	0.35	48	3	80	0.28	3	0	3	50	150	0.060	0.324	1.071	3	3
RhB	Renshaw	100	0.35	48	3	80	0.28	3	3	6	50	150	0.233	0.823	1.071	3	3
Ro	REnshaw	50	0.35	48	3	80	0.28	3	0	9	40	200	0.058	1.659	1.071	2	3
	Sioux	50	0.35	56	1	80	0.2	2	0	9	40	200	0.058	1.659	1.000	2	3
SpA	Spottswood	55	0.35	48	3	80	0.24	4	0	3	50	150	0.060	0.324	1.667	3	3
	Fordville	45	0.35	48	3	80	0.24	4	0	3	50	150	0.060	0.324	1.667	3	3
St	Stirum	60	0.35	86	1	80	0.24	3	0	3	50	100	0.060	0.287	1.250	3	3
	Arveson	40	0.35	86	3	80	0.24	4	0	3	50	100	0.060	0.287	1.667	3	3
Sv	Svea	100	0.35	48	3	80	0.28	5	0	3	20	80	0.050	0.268	1.786	3	3
Tk	Tonka	100	0.35	48	3	80	0.32	5	0	1	20	100	0.050	0.129	1.563	3	3
Tp	Tonka	50	0.35	48	3	80	0.32	5	0	1	20	100	0.050	0.129	1.563	3	3
	Parnell	50	0.35	38	3	80	0.28	5	0	1	20	100	0.050	0.129	1.786	3	3
Un	Ulen	100	0.35	86	3	80	0.17	4	0	2	50	250	0.060	0.264	2.353	3	3
VaD	Serden	100	0.35	220	1	80	0.15	5	6	25	25	300	0.336	10.202	3.333	2	1
VhC	Serden	50	0.35	220	1	80	0.15	5	0	6	20	100	0.050	0.672	3.333	3	3
	Hecla	50	0.35	220	1	80	0.17	5	0	6	20	100	0.050	0.672	2.941	3	3
ZmC	Zell	100	0.35	86	3	80	0.32	5	6	9	50	150	0.475	1.436	1.563	3	3
ZmD	Zell	100	0.35	86	3	80	0.32	5	9	20	30	100	0.642	4.078	1.563	2	1