

LaMoure  
North Dakota

4/25/1988

Highly Erodible and  
Potentially Highly Erodible  
Land Calculator Ver. 1.1

**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	
Ab	Abrdeen sil	100	40.00	48	3	70	0.32	3	0	3	50	400	0.060	0.435	1.071	3	3
Af	Arveson fsl	100	40.00	86	1	70	0.17	4	0	2	50	500	0.060	0.325	2.689	3	3
ArA	Arvilla sl	100	40.00	86	1	70	0.2	3	0	2	50	400	0.060	0.304	1.714	3	3
ArB	Arvilla sl	100	40.00	86	1	70	0.2	3	3	6	50	350	0.233	1.258	1.714	3	3
BaC	Barnes I	100	40.00	48	3	70	0.28	5	6	9	50	300	0.475	2.031	2.041	3	3
BaC2	Barnes I	100	40.00	48	3	70	0.28	5	6	9	50	300	0.475	2.031	2.041	3	3
BbC	Barnes I	65	40.00	48	3	70	0.28	5	6	9	50	300	0.475	2.031	2.041	3	3
	Buse I	35	40.00	86	3	70	0.28	5	12	20	50	150	1.275	4.995	2.041	2	1
BbD	Barnes I	65	40.00	48	3	70	0.28	5	9	15	50	250	0.829	4.047	2.041	2	1
	Buse I	35	40.00	86	3	70	0.28	5	12	20	50	150	1.275	4.995	2.041	2	1
Bc	Barnes I	80	40.00	48	3	70	0.28	5	0	3	50	300	0.060	0.399	2.041	3	3
	Cresbard I	20	40.00	48	3	70	0.32	3	0	3	50	300	0.060	0.399	1.071	3	3
Be	Barnes I	100	40.00	48	3	70	0.28	5	3	9	50	300	0.233	2.031	2.041	3	3
BgA	Barnes I	57	40.00	48	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
	Gardena I	23	40.00	56	3	70	0.28	5	0	2	50	450	0.060	0.315	2.041	3	3
	Eckman I	20	40.00	56	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
BhC	Barnes I	60	40.00	48	3	70	0.28	5	6	9	50	325	0.475	2.114	2.041	2	3
	Renshaw I	40	40.00	48	3	70	0.28	3	6	9	50	325	0.475	2.114	1.224	2	1
BnB	Barnes I	65	40.00	48	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
	Svea I	35	40.00	48	3	70	0.28	5	0	3	50	400	0.060	0.435	2.041	3	3
Bs	Bearden	70	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Exline	30	40.00	48	3	70	0.28	3	0	2	50	200	0.060	0.247	1.224	3	3
Bt	Borup sil	100	40.00	86	3	70	0.28	5	0	2	50	200	0.060	0.247	2.041	3	3
BvE	Buse I	55	40.00	86	3	70	0.28	5	12	20	50	150	1.275	4.995	2.041	2	1
	Barnes I	45	40.00	48	3	70	0.28	5	9	15	50	250	0.829	4.047	2.041	2	1
Ca	Cavour I	100	40.00	48	3	70	0.37	3	0	2	50	400	0.060	0.304	0.927	3	3
Ce	Claire sl	100	40.00	86	3	70	0.15	5	0	9	50	250	0.060	1.854	3.810	3	3
Ch	Colvin sicl	100	40.00	86	3	70	0.32	5	0	2	50	400	0.060	0.304	1.786	3	3
Cs	Colvin soils, saline	100	40.00	86	3	70	0.32	5	0	1	50	500	0.060	0.209	1.786	3	3
Cu	Cresbard I	55	40.00	48	3	70	0.32	3	0	3	50	300	0.060	0.399	1.071	3	3
	Barnes I	30	40.00	48	3	70	0.28	5	3	6	50	250	0.233	1.063	2.041	3	3
	Cavour I	15	40.00	48	3	70	0.37	3	0	2	50	250	0.060	0.264	0.927	3	3
Cv	Cresbard I	70	40.00	48	3	70	0.32	3	0	3	50	300	0.060	0.399	1.071	3	3
	Cavour I	30	40.00	48	3	70	0.37	3	0	2	50	250	0.060	0.264	0.927	3	3
Dd	Divide I	100	40.00	86	1	70	0.28	4	0	6	50	175	0.060	0.889	1.633	3	3
EaB	Eckman I	100	40.00	56	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
EaC	Eckman I	100	40.00	56	3	70	0.28	5	6	9	50	325	0.475	2.114	2.041	2	3
EbA	Edgeley I	100	40.00	48	3	70	0.28	4	0	3	50	400	0.060	0.435	1.633	3	3
EbB	Edgeley I	100	40.00	48	3	70	0.28	4	3	6	50	350	0.233	1.258	1.633	3	3
EcC	Egeland fsl	100	40.00	86	3	70	0.2	5	6	9	50	275	0.475	1.945	2.857	3	3
EdA	Egeland fsl, till sub.	100	40.00	86	3	70	0.2	5	0	3	50	425	0.060	0.443	2.857	3	3
EdB	Egeland fsl, till sub.	100	40.00	86	3	70	0.2	5	3	6	50	375	0.233	1.302	2.857	3	3
EeB	Egeland I, till sub.	100	40.00	56	3	70	0.28	5	3	6	50	400	0.233	1.344	2.041	3	3
EgA	Egeland fsl	55	40.00	86	3	70	0.2	5	0	3	50	425	0.060	0.443	2.857	3	3
	Embden fsl	45	40.00	86	3	70	0.2	5	0	3	50	425	0.060	0.443	2.857	3	3
EgB	Egeland fsl	75	40.00	86	3	70	0.2	5	3	6	50	375	0.233	1.302	2.857	3	3
	Embden fsl	25	40.00	86	3	70	0.2	5	3	6	50	375	0.233	1.302	2.857	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	8T/RK=	HEL Class	Class			
	Eo Embden I, till sub.	65	40.00	56	3	70	0.2	5	0	3	50	425	0.060	0.443	2.857	3	3
	Gardena I, til sub.	35	40.00	56	3	70	0.28	5	0	3	50	400	0.060	0.435	2.041	3	3
	Es Exline sil	100	40.00	48	3	70	0.28	3	0	2	50	500	0.060	0.325	1.224	3	3
	Ex Exline sil	60	40.00	48	3	70	0.28	3	0	2	50	500	0.060	0.325	1.224	3	3
	Lamoure sicl	40	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Fc Fargo sic	100	40.00	86	3	70	0.32	5	0	2	50	500	0.060	0.325	1.786	3	3
	Fh Fargo sic	65	40.00	86	3	70	0.32	5	0	2	50	500	0.060	0.325	1.786	3	3
	Hegne sic	35	40.00	86	3	70	0.32	5	0	2	50	500	0.060	0.325	1.786	3	3
	FvA Fordville I	100	40.00	48	3	70	0.24	4	0	3	50	400	0.060	0.435	1.905	3	3
	FvB Fordville I	100	40.00	48	3	70	0.24	4	3	6	50	325	0.233	1.212	1.905	3	3
	Fw parnell sicl	100	40.00	38	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Ga Gardena I	100	40.00	56	3	70	0.28	5	0	3	50	450	0.060	0.450	2.041	3	3
	GaB Gardena I	100	40.00	56	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
	Gc Gardena I	100	40.00	56	3	70	0.28	5	0	3	50	450	0.060	0.450	2.041	3	3
	GeA Gardena I	60	40.00	56	3	70	0.28	5	0	3	50	450	0.060	0.450	2.041	3	3
	Eckman I	40	40.00	56	3	70	0.28	5	3	6	50	200	0.233	0.951	2.041	3	3
	GI Glyndon sil	100	40.00	86	3	70	0.28	5	0	3	50	425	0.060	0.443	2.041	3	3
	GIB Glyndon sil	100	40.00	86	3	70	0.28	5	3	6	50	325	0.233	1.212	2.041	3	3
	Go Grano sic	100	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	GtA Great Bend sicl	55	40.00	38	3	70	0.32	5	0	3	50	450	0.060	0.450	1.784	3	3
	Barnes cl	45	40.00	48	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
	GtB Great Bend sicl	55	40.00	38	3	70	0.32	5	3	6	50	350	0.233	1.258	1.786	3	3
	Barnes cl	45	40.00	48	3	70	0.28	5	3	6	50	350	0.233	1.258	2.041	3	3
	Ha Hamar fsl	100	40.00	86	3	70	0.2	5	0	2	50	500	0.060	0.325	2.857	3	3
	Hg Hamerly I	65	40.00	86	3	70	0.28	5	3	6	50	250	0.233	1.063	2.041	3	3
	Svea I	35	40.00	48	3	70	0.28	5	0	3	50	400	0.060	0.435	2.041	3	3
	Hh Hecla fsl	100	40.00	86	3	70	0.2	5	0	3	50	450	0.060	0.450	2.857	3	3
	HI Hecla lfs	100	40.00	134	1	70	0.17	5	0	3	50	450	0.060	0.450	3.361	3	3
	Hx Hegne sic	60	40.00	86	3	70	0.32	5	0	2	50	500	0.060	0.325	1.786	3	3
	Fargo sic	40	40.00	86	3	70	0.32	5	0	2	50	500	0.060	0.325	1.786	3	3
	La LaDelle sil	100	40.00	48	3	70	0.28	5	0	2	50	450	0.060	0.315	2.041	3	3
	Lc SaDelle sicl	100	40.00	38	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Ld LaDelle sil	100	40.00	48	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Le Lamoure sicl	100	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Lf Lamoure sicl, saline	100	40.00	86	3	70	0.28	5	0	2	50	450	0.060	0.315	2.041	3	3
	Lg LaPrairie sil	100	40.00	48	3	70	0.28	5	0	3	50	400	0.060	0.435	2.041	3	3
	LI LaPrairie sil, channeled	100	40.00	48	3	70	0.28	5	0	3	50	250	0.060	0.378	2.041	3	3
	Lm LaPrairie sil, channeled	70	40.00	48	3	70	0.28	5	0	3	50	250	0.060	0.378	2.041	3	3
	Lamoure sicl, channeled	30	40.00	86	3	70	0.28	5	0	2	50	250	0.060	0.264	2.410	3	3
	Lo Loamy lake beaches	100	40.00	86	1	70	0.28	3	0	6	50	250	0.060	1.063	1.224	3	3
	Lu Ludden sic	100	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Ly Ludden sic	70	40.00	86	3	70	0.28	5	0	2	50	500	0.060	0.325	2.041	3	3
	Ryan sic	30	40.00	86	1	70	0.28	3	0	2	50	500	0.060	0.325	1.224	3	3
	MaA Maddock fsl	100	40.00	86	3	70	0.17	5	0	3	50	450	0.060	0.450	3.361	3	3
	MaB Maddock fsl	100	40.00	86	3	70	0.17	5	3	6	50	350	0.233	1.258	3.361	3	3
	MbC Maddock fsl	70	40.00	86	3	70	0.17	5	6	12	50	200	0.475	2.551	3.361	3	3
	Barnes I	30	40.00	48	3	70	0.28	5	6	9	50	250	0.475	1.854	2.041	3	3

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			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	Water HEL Class	
MhB Maddock lfs		75	40.00	134	1	70	0.17	5	3	9 50		250	0.233	1.854	3.361	3	3
Hecla lfs		25	40.00	134	1	70	0.17	5	3	6 50		300	0.233	1.164	3.361	3	3
Mk3 Maddock fsl		55	40.00	220	1	70	0.17	5	3	6 50		250	0.233	1.063	3.361	3	3
Hecla fs		45	40.00	220	1	70	0.17	5	3	6 50		300	0.233	1.164	3.361	3	3
NuA Nutley sic		100	40.00	86	3	70	0.28	5	0	3 50		450	0.060	0.450	2.041	3	3
NuB Nutley sic		100	40.00	86	3	70	0.28	5	3	6 50		400	0.233	1.344	2.041	3	3
Ny Nutley sic		70	40.00	86	3	70	0.28	5	0	2 50		500	0.060	0.325	2.041	3	3
Fargo sic		30	40.00	86	3	70	0.32	5	0	2 50		500	0.060	0.325	1.786	3	3
Oe Overly sil		100	40.00	48	3	70	0.32	5	0	3 50		400	0.060	0.435	1.786	3	3
Or Overly sil		65	40.00	48	3	70	0.32	5	0	3 50		400	0.060	0.435	1.786	3	3
Aberdeen sil		35	40.00	48	3	70	0.32	3	0	3 50		400	0.060	0.435	1.071	3	3
Pa parnell sicl		100	40.00	38	3	70	0.28	5	0	2 50		500	0.060	0.325	2.041	3	3
Ra Rauville soils		100	40.00	86	3	70	0.28	5	0	2 50		250	0.060	0.264	2.041	3	3
RaC Rauville soils		100	40.00	86	3	70	0.28	5	6	12 50		150	0.475	2.209	2.041	2	3
ReA Renshaw I		100	40.00	48	3	70	0.28	3	0	3 50		500	0.060	0.465	1.224	3	3
ReB Renshaw I		100	40.00	48	3	70	0.28	3	3	9 50		400	0.233	2.346	1.224	2	1
RsA Renshaw I		70	40.00	48	3	70	0.28	3	0	3 50		450	0.060	0.450	1.224	3	3
Sioux I		30	40.00	56	1	70	0.28	2	6	9 50		200	0.475	1.659	0.826	2	1
RsB Renshaw I		60	40.00	48	3	70	0.28	3	3	9 50		250	0.233	1.854	1.224	2	3
Sioux I		40	40.00	56	1	70	0.28	2	6	9 50		200	0.475	1.659	0.816	2	1
Ry Ryan sic		55	40.00	86	1	70	0.28	3	0	2 50		500	0.060	0.325	1.224	3	3
Ludden sic		45	40.00	86	3	70	0.28	5	0	2 50		500	0.060	0.325	2.041	3	3
Sa Saline land		100	40.00	86	3	70	0.32	5	0	2 50		500	0.060	0.325	1.786	3	3
So Sioux grl		100	40.00	35	3	70	0.2	2	6	30 50		150	0.475	9.740	1.143	2	1
Sp Spottswood I		100	40.00	48	3	70	0.24	4	3	6 50		300	0.233	1.164	1.905	3	3
Sw Svea I		60	40.00	48	3	70	0.28	5	0	3 50		400	0.060	0.435	2.041	3	3
Barnes I		40	40.00	48	3	70	0.28	5	3	6 50		350	0.233	1.258	2.041	3	3
Tn Tiffany I		100	40.00	56	3	70	0.28	5	0	2 50		450	0.060	0.315	2.041	3	3
Tp Tonka sil		75	40.00	48	3	70	0.32	5	0	2 50		300	0.060	0.279	1.786	3	3
Parnell sicl		25	40.00	38	3	70	0.28	5	0	2 50		500	0.060	0.325	2.041	3	3
Va Vallery sicl		100	40.00	86	3	70	0.28	5	0	2 50		400	0.060	0.304	2.041	3	3
Ve Venlo fsl		100	40.00	86	3	70	0.2	5	0	2 50		400	0.060	0.304	2.857	3	3