

Trail
North Dakota

4/18/1988

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 Min	Slope- -Length Max Min	LS- -Value Max	8T/RK=	HEL Class	Class			
Ar	Arveson	100	0.35	86	3	70	0.17	4	0	1	50	300	0.060	0.179	2.689	3	3
As	Arveson	100	0.35	86	3	70	0.24	4	0	1	50	300	0.060	0.179	1.905	3	3
AvB	Arvilla	100	0.35	86	1	70	0.2	3	1	6	100	250	0.129	1.063	1.714	3	3
Bd	Bearden	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Be	Bearden	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Bg	Bearden	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Bn	Bearden	65	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Lindass	35	0.35	38	3	70	0.32	5	0	1	50	200	0.060	0.159	1.786	3	3
Bo	Bearden	65	0.35	86	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
	Overly	35	0.35	38	3	70	0.32	5	0	1	100	400	0.069	0.195	1.786	3	3
Bp	Bearden	70	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Perella	30	0.35	38	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Bs	Bearden	50	0.35	86	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
	Glyndon	50	0.35	86	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
Bt	Beotia	100	0.35	48	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
Bu	Bohnsack	100	0.35	86	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
Bv	Bohnsack	65	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Tiffany	35	0.35	56	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Bw	Borup	100	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
Bx	Borup	100	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
CaA	Cashel	100	0.35	86	3	70	0.32	5	1	3	50	300	0.105	0.399	1.786	3	3
CaC	Cashel	100	0.35	86	3	70	0.32	5	1	9	50	200	0.105	1.659	1.786	3	3
Co	Colvin	100	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
Cs	Colvin	100	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
Cu	Cut and fill land	100	0.35	86	3	70	0.32	5	0	3	50	300	0.060	0.399	1.786	3	3
Dd	Divide	100	0.35	86	3	70	0.28	4	0	1	50	300	0.060	0.179	1.633	3	3
Do	Doran	100	0.35	48	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Dv	Dovray	100	0.35	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
EdA	Egeland	100	0.35	56	3	70	0.28	5	1	3	100	250	0.129	0.378	2.041	3	3
EgA	Egeland	60	0.35	86	3	70	0.2	5	1	3	100	250	0.129	0.378	2.857	3	3
	Embden	40	0.35	86	3	70	0.2	5	0	3	100	250	0.069	0.378	2.857	3	3
EgB	Egeland	70	0.35	86	3	70	0.2	5	3	6	50	250	0.233	1.063	2.857	3	3
	Embden	30	0.35	86	3	70	0.2	5	0	3	50	250	0.060	0.378	2.857	3	3
Em	Embden	100	0.35	86	3	70	0.2	5	0	1	100	400	0.069	0.195	2.857	3	3
En	Embden	100	0.35	86	3	70	0.2	5	0	1	100	400	0.069	0.195	2.857	3	3
Eo	Emrick	100	0.35	56	3	70	0.28	5	0	1	50	250	0.060	0.170	2.041	3	3
EpA	Emrick	60	0.35	56	3	70	0.28	5	1	3	50	250	0.105	0.378	2.041	3	3
	Heimdall	40	0.35	56	3	70	0.28	5	1	3	100	200	0.129	0.353	2.041	3	3
FaA	Fairdale	100	0.35	48	3	70	0.32	5	1	3	50	300	0.105	0.399	1.786	3	3
Fb	Fargo	100	0.35	38	3	70	0.32	5	0	1	100	300	0.069	0.179	1.786	3	3
Fc	Fargo	100	0.35	86	3	70	0.32	5	0	1	100	400	0.069	0.195	1.786	3	3
Fd	Fargo	65	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
	Dovray	35	0.35	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Fe	Fargo	67	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
	Enloe	33	0.35	86	3	70	0.32	5	0	1	50	200	0.060	0.159	1.786	3	3
Fg	Fargo	65	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
	Enloe	35	0.35	86	3	70	0.32	5	0	1	50	200	0.060	0.159	1.786	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			
Fh	Fargo	62	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
	Hegne	38	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
Fn	Fargo	63	0.35	86	3	70	0.32	5	0	1	100	300	0.069	0.179	1.786	3	3
	Ryan	37	0.35	86	1	70	0.28	3	0	1	100	300	0.069	0.179	1.224	3	3
Ga	Galchutt	67	0.35	38	3	70	0.32	4	0	1	100	300	0.069	0.179	1.429	3	3
	Fargo	33	0.35	86	3	70	0.32	5	0	1	100	300	0.069	0.179	1.786	3	3
Gd	Gardena	100	0.35	56	3	70	0.28	5	0	1	100	400	0.069	0.195	2.041	3	3
GeB	Gardena	65	0.35	56	3	70	0.28	5	3	6	100	300	0.287	1.164	2.041	3	3
	Eckman	35	0.35	56	3	70	0.28	5	3	6	100	300	0.287	1.164	2.041	3	3
GfC	Gardena	60	0.35	56	3	70	0.28	5	6	9	50	250	0.475	1.854	2.041	3	3
	Zell	40	0.35	86	3	70	0.32	5	6	9	50	250	0.475	1.854	1.786	2	3
Gg	Gilby	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Gh	Gilby	60	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Tonka	40	0.35	48	3	70	0.32	5	0	1	50	200	0.060	0.159	1.786	3	3
Gk	Gilby	60	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Tonka	40	0.35	48	3	70	0.32	5	0	1	50	200	0.060	0.126	1.786	3	3
Gm	Glyndon	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Gn	Glyndon	100	0.35	86	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Go	Glyndon	65	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Perella	35	0.35	48	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Gr	Glyndon	65	0.35	86	3	70	0.28	5	0	1	50	300	0.060	0.179	2.041	3	3
	Tiffany	35	0.35	56	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Gs	Grano	100	0.35	86	3	70	0.28	5	0	1	25	200	0.053	0.159	2.041	3	3
GwA	Great Bend	100	0.35	38	3	70	0.32	5	1	3	100	250	0.129	0.378	2.041	3	3
GwC	Great Bend	100	0.35	38	3	70	0.32	5	6	9	50	250	0.475	1.854	1.786	2	3
GwD	Great Bend	100	0.35	38	3	70	0.32	5	9	15	50	250	0.829	4.047	1.786	2	1
Ha	Hamar	100	0.35	134	1	70	0.17	5	0	1	50	250	0.060	0.170	1.786	3	3
Hb	Hamerly	65	0.35	86	3	70	0.28	5	0	1	50	250	0.060	0.170	3361.000	3	3
	Tonka	35	0.35	48	3	70	0.32	5	0	1	25	150	0.053	0.146	2.041	3	3
Hc	Hamerly	65	0.35	86	3	70	0.28	5	0	1	50	250	0.060	0.170	1.786	3	3
	Tonka	35	0.35	48	3	70	0.32	5	0	1	25	150	0.053	0.146	2.041	3	3
HeA	Hecla	100	0.35	134	1	70	0.17	5	1	3	50	300	0.105	0.399	1.786	3	3
HfA	Hecla	100	0.35	86	3	70	0.2	5	1	3	50	300	0.105	0.399	3.361	3	3
HmB	Hecla	62	0.35	86	3	70	0.2	5	1	6	50	250	0.105	1.063	2.857	3	3
	Maddock	38	0.35	86	3	70	0.17	5	1	6	50	200	0.105	0.951	2.857	3	3
Hn	Hegne	68	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	3.361	3	3
	Enloe	32	0.35	86	3	70	0.32	5	0	1	50	200	0.060	0.159	1.786	3	3
Ho	Hegne	65	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
	Fargo	35	0.35	86	3	70	0.32	5	0	1	50	300	0.060	0.179	1.786	3	3
HrB	Heimdal	68	0.35	56	3	70	0.28	5	3	6	50	250	0.233	1.063	1.786	3	3
	Emrick	32	0.35	56	3	70	0.28	5	3	6	50	200	0.233	0.951	2.041	3	3
HsC	Heimdal	65	0.35	56	3	70	0.28	5	6	9	50	250	0.475	1.854	2.041	3	3
	Esmond	35	0.35	86	3	70	0.20	5	6	9	50	250	0.475	1.854	2.041	3	3
La	LaDelle	100	0.35	38	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Lm	LaMoure	100	0.35	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
Ln	Lankin	100	0.35	48	3	70	0.28	5	0	1	100	300	0.069	0.179	2.041	3	3
Lp	LaPrarie	100	0.35	48	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	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		
Lu Luden		100	0.35	86	3	70	0.28	5	0	1 50	250	0.060	0.170	2.041	3	3
Ma Parnell		100	0.35	38	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
Na Nahon		100	0.35	48	3	70	0.28	3	0	1 50	200	0.060	0.159	1.224	3	3
NuA Nutley		100	0.35	86	3	70	0.28	5	1	3 50	300	0.105	0.399	2.041	3	3
NuB Nutley		100	0.35	86	3	70	0.28	5	3	6 50	300	0.233	1.164	2.041	3	3
NuC Nutley		100	0.35	86	3	70	0.28	5	6	9 100	300	0.672	2.031	2.041	3	3
NuD Nutley		100	0.35	86	3	70	0.28	5	9	15 100	300	1.173	4.433	2.041	2	1
NuE Nutley		100	0.35	86	3	70	0.28	5	15	25 100	300	2.559	10.202	2.041	1	1
Oa Ojata		100	0.35	86	3	70	0.32	5	0	1 100	300	0.069	0.179	1.786	3	3
Or Overly		100	0.35	38	3	70	0.32	5	0	1 100	400	0.069	0.195	1.786	3	3
Os Overly		65	0.35	38	3	70	0.32	5	0	1 100	300	0.069	0.179	1.786	3	3
Fargo		35	0.35	86	3	70	0.32	5	0	1 100	300	0.069	0.179	1.786	3	3
OvB Overly		60	0.35	38	3	70	0.32	5	3	6 100	300	0.287	1.164	1.786	3	3
Great Bend		40	0.35	38	3	70	0.32	5	3	6 100	300	0.287	1.164	1.786	3	3
Pe Perella		100	0.35	48	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
Pr Playmoor		100	0.35	86	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
ReA Renshaw		100	0.35	48	3	70	0.28	3	1	3 50	250	0.105	0.378	1.224	3	3
Ro Rockwell		100	0.35	86	3	70	0.24	5	0	1 50	200	0.060	0.159	2.381	3	3
SmB Serden		60	0.35	134	1	70	0.15	5	1	6 50	200	0.105	0.951	3.810	3	3
Maddock		40	0.35	134	1	70	0.17	5	1	6 50	200	0.105	0.951	3.361	3	3
SrB Sioux		60	0.35	42	3	70	0.2	2	1	6 50	200	0.105	0.951	1.143	3	3
Arvilla		40	0.35	86	1	70	0.2	3	1	6 50	250	0.105	1.063	1.714	3	3
Sv Swenoda		100	0.35	86	3	70	0.2	5	0	1 100	300	0.069	0.179	2.857	3	3
Sw Swenoda		100	0.35	56	3	70	0.28	5	0	1 100	300	0.069	0.179	2.041	3	3
Tf Tiffany		100	0.35	56	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
To Tonka		100	0.35	48	3	70	0.32	5	0	1 25	200	0.053	0.159	1.786	3	3
TrA Towner		100	0.35	86	3	70	0.2	5	1	3 50	200	0.105	0.353	2.857	3	3
Un Ulen		100	0.35	86	3	70	0.17	4	0	1 50	200	0.060	0.159	2.689	3	3
Vd Vallers		62	0.35	86	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
Doran		38	0.35	38	3	70	0.28	5	0	1 50	200	0.060	0.159	2.041	3	3
Vk Viking		100	0.35	86	3	70	0.32	5	0	1 50	250	0.060	0.170	1.786	3	3
WaA Wahpeton		100	0.35	86	3	70	0.28	5	1	3 50	250	0.105	0.378	2.041	3	3
Wh Wheatville		100	0.35	86	3	70	0.28	4	0	1 100	300	0.069	0.179	1.633	3	3
Wn Wyndmere		100	0.35	86	3	70	0.2	5	0	1 100	250	0.069	0.170	2.857	3	3
Wo Wyndmere		100	0.35	86	3	70	0.28	5	0	1 100	250	0.069	0.170	2.041	3	3
Ws Wyndmere		100	0.35	86	3	70	0.28	5	0	1 100	250	0.069	0.170	2.041	3	3
Wt Wyndmere		64	0.35	86	3	70	0.2	5	0	1 50	250	0.060	0.170	2.857	3	3
Tiffany		36	0.35	86	3	70	0.2	5	0	1 50	200	0.060	0.159	2.857	3	3
ZeE Zell		100	0.35	86	3	70	0.32	5	9	25 50	250	0.829	9.313	1.786	2	1