

Dickey
North Dakota

12-9-1988

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		
2-	Overly sil	60	0.40	48	3	70	0.32	5	0	1 50	300	0.060	0.179	1.786	3	3
	Aberdeen sil	40	0.40	48	3	70	0.32	3	0	1 50	300	0.060	0.179	1.071	3	3
3-	Aberdeen sil	75	0.40	48	3	70	0.32	3	0	1 50	400	0.060	0.195	1.071	3	3
	Exline I	25	0.40	48	3	70	0.28	3	0	1 50	400	0.060	0.195	1.224	3	3
4-	Rosewood fsl	100	0.40	86	1	70	0.24	3	0	1 50	400	0.060	0.195	2.689	3	3
6-	Parnell sil	100	0.40	38	3	70	0.28	5	0	1 10	50	0.044	0.105	2.041	3	3
7-	Southam sil	100	0.40	48	3	70	0.37	5	0	1 25	200	0.053	0.159	1.544	3	3
8-	Tonka sil	100	0.40	48	3	70	0.32	5	0	1 20	50	0.050	0.105	1.786	3	3
9-	Bearden sil	100	0.40	86	3	70	0.28	5	0	1 50	400	0.060	0.195	2.041	3	3
10-	Glyndon sil saline	100	0.40	86	3	70	0.28	5	0	1 50	400	0.060	0.195	2.041	3	3
12B	Arvilla fsl	100	0.40	86	1	70	0.20	3	1	6 50	100	0.105	0.672	1.714	3	3
13-	Rosewood fsl wet	100	0.40	86	1	70	0.24	3	0	1 50	400	0.060	0.195	2.689	3	3
14-	Barnes I	65	0.40	48	3	70	0.28	5	1	3 50	150	0.105	0.324	2.041	3	3
	Gardena I	35	0.40	56	3	70	0.28	5	1	3 50	150	0.105	0.324	2.041	3	3
15-	Barnes I	55	0.40	48	3	70	0.28	5	1	3 100	400	0.129	0.435	2.041	3	3
	Svea I	45	0.40	48	3	70	0.28	5	1	3 100	400	0.129	0.435	2.041	3	3
15B	Barnes I	65	0.40	48	3	70	0.28	5	3	6 100	300	0.287	1.164	2.041	3	3
	Svea I	35	0.40	48	3	70	0.28	5	3	6 100	300	0.287	1.164	2.041	3	3
16B	Barnes I	60	0.40	48	3	70	0.28	5	2	6 50	600	0.163	1.647	2.041	3	3
	Cresbard I	40	0.40	48	3	70	0.32	3	2	6 50	600	0.163	1.647	1.071	2	3
17B	Barnes I	70	0.40	48	3	70	0.28	5	3	6 100	500	0.287	1.503	2.041	3	3
	Buse	30	0.40	86	3	70	0.28	5	3	6 100	500	0.287	1.503	2.041	3	3
17C	Barnes I	60	0.40	48	3	70	0.28	5	6	9 100	200	0.672	1.659	2.041	3	3
	Buse I	40	0.40	86	3	70	0.28	5	6	9 100	200	0.672	1.659	2.041	3	3
18B	Barnes I	55	0.40	48	3	70	0.28	5	1	6 50	200	0.105	0.951	2.041	3	3
	Cavour I	45	0.40	48	3	70	0.37	3	1	6 50	200	0.105	0.951	0.927	2	3
19E	Buse I	60	0.40	86	3	70	0.28	5	9	25 50	400	0.829	11.780	2.041	2	1
	Barnes I	40	0.40	48	3	70	0.28	5	9	25 50	400	0.829	11.780	2.041	2	1
21-	Cavour I	90	0.40	48	3	70	0.30	3	1	3 200	400	0.159	0.435	0.927	3	3
	Miranda I	10	0.40	48	3	70	0.32	3	1	3 20	400	0.159	0.435	1.071	3	3
22-	Colvin sil	100	0.40	86	3	70	0.32	5	0	1 200	400	0.080	0.195	1.786	3	3
23-	Colvin sil wet	100	0.40	86	3	70	0.32	5	0	1 50	200	0.060	0.159	1.786	3	3
24-	Gardena I	100	0.40	56	3	70	0.28	5	0	3 100	400	0.069	0.435	2.041	3	3
25-	Divide I	100	0.40	86	1	70	0.28	4	0	2 50	400	0.060	0.304	1.633	3	3
26B	Eckman sil	50	0.40	56	3	70	0.28	5	3	6 100	400	0.287	1.344	2.041	3	3
	Gardena sil	50	0.40	56	3	70	0.28	5	3	6 100	400	0.287	1.344	2.041	3	3
27B	Embden sl	100	0.40	86	3	70	0.20	5	1	6 50	600	0.105	1.647	2.857	3	3
28B	Clontarf fsl	100	0.40	86	1	70	0.20	4	1	6 50	100	0.105	0.672	2.286	3	3
29-	Glyndon sil saline	100	0.40	86	3	70	0.28	5	0	3 50	400	0.060	0.435	2.041	3	3
31-	Edgeley I	100	0.40	48	3	70	0.28	4	1	3 200	400	0.159	0.435	1.633	3	3
31B	Edgeley I	100	0.40	48	3	70	0.28	4	3	6 50	300	0.233	1.164	1.633	3	3
33-	Hecla lfs	100	0.40	134	1	70	0.17	5	0	3 100	400	0.069	0.435	3.361	3	3
34B	Hecla lfs	60	0.40	134	1	70	0.17	5	1	3 50	200	0.105	0.353	3.361	3	3
	Hamar lfs	40	0.40	134	1	70	0.17	5	0	3 50	200	0.060	0.353	3.361	3	3
35-	Fordville I	100	0.40	48	3	70	0.24	4	1	3 50	150	0.105	0.324	1.905	3	3
36B	Hecla lfs	60	0.40	134	1	70	0.17	5	1	3 100	400	0.129	0.435	3.361	3	3
	Ulen fsl	40	0.40	86	1	70	0.17	4	0	1 100	400	0.069	0.195	2.689	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
37-	Forman l	60	0.40	48	3	70	0.28	5	1	3	50	200	0.105	0.353	2.041	3	3
	Cavour l	40	0.40	48	3	70	0.37	3	1	3	50	200	0.105	0.353	0.927	3	3
38-	Miranda l	65	0.40	48	3	70	0.32	3	1	3	50	100	0.105	0.287	1.071	3	3
	Cavour l	35	0.40	48	3	70	0.37	3	1	3	50	400	0.105	0.435	0.927	3	3
39-	Hamar lfs	100	0.40	134	1	70	0.17	5	0	1	100	400	0.069	0.195	3.361	3	3
40-	Hamerly l	60	0.40	86	3	70	0.28	5	0	3	50	400	0.060	0.435	2.041	3	3
	Tonka sil	25	0.40	48	3	70	0.32	5	0	1	50	400	0.060	0.195	1.786	3	3
	Parnell sil	15	0.40	38	3	70	0.28	5	0	1	50	400	0.060	0.120	2.041	3	3
41-	Colvin sil saline	100	0.40	86	3	70	0.32	5	0	1	50	400	0.060	0.195	1.786	3	3
42-	Hamerly l	65	0.40	86	3	70	0.28	5	0	3	25	200	0.053	0.353	2.041	3	3
	Wyand l	35	0.40	48	3	70	0.28	5	0	3	25	200	0.053	0.353	2.041	3	3
43-	Exline sil	100	0.40	48	3	70	0.37	3	0	1	50	200	0.060	0.159	0.927	3	3
44-	harriet l	100	0.40	48	3	70	0.37	3	0	1	100	400	0.069	0.195	0.927	3	3
46-	Ludden c	100	0.40	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
47-	LaPrairie l channeled	100	0.40	48	3	70	0.28	5	0	1	10	50	0.044	0.105	2.041	3	3
48-	LaPrairie l channeled	100	0.40	48	3	70	0.28	5	0	1	50	400	0.060	0.195	2.041	3	3
49-	Lamoure sil	100	0.40	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
50-	Tiffany fsl	70	0.40	86	3	70	0.20	5	0	1	50	150	0.060	0.146	2.857	3	3
	Wyndmere fsl	30	0.40	86	3	70	0.20	5	0	1	50	150	0.060	0.146	2.857	3	3
51-	Kratka fsl	70	0.40	86	3	70	0.17	5	0	2	50	150	0.060	0.227	3.361	3	3
	Letcher fsl	30	0.40	86	1	70	0.24	3	0	2	50	150	0.060	0.227	1.429	3	3
52C	Brantford l	70	0.40	48	3	70	0.28	3	3	9	25	100	0.189	1.173	1.224	2	3
	Coe l	30	0.40	56	1	70	0.20	2	3	9	25	100	0.189	1.173	1.143	3	3
53-	Brantford l	65	0.40	48	3	70	0.28	3	1	3	200	400	0.159	0.435	1.224	3	3
	Vang l	35	0.40	48	3	70	0.28	4	1	3	200	400	0.159	0.435	1.633	3	3
54-	Maddock fsl	100	0.40	86	3	70	0.17	5	1	3	50	200	0.105	0.353	3.361	3	3
56-	Overly sil	100	0.40	48	3	70	0.32	5	0	1	75	200	0.065	0.159	1.786	3	3
57-	Ryan sic	70	0.40	86	1	70	0.28	3	0	1	50	200	0.060	0.159	1.224	3	3
	Ludden c	30	0.40	86	3	70	0.28	5	0	1	50	200	0.060	0.159	2.041	3	3
58-	Renshaw l	100	0.40	48	3	70	0.28	3	0	1	100	300	0.069	0.179	1.224	3	3
59-	Pits, gravel		0.40	ERROR		70							0.000	0.000	ERROR	ERROR	ERROR
60B	Renshaw l	70	0.40	48	3	70	0.28	3	1	6	100	400	0.129	1.344	1.224	2	3
	Sioux l	30	0.40	56	1	70	0.28	2	1	6	100	400	0.129	1.344	0.816	2	3
61D	Sioux l	100	0.40	56	1	70	0.28	2	1	15	100	400	0.129	5.119	0.816	2	1
62C	Sioux l	55	0.40	56	1	70	0.28	2	3	9	25	200	0.189	1.659	0.816	2	1
	barnes l	45	0.40	48	3	70	0.28	5	3	9	25	200	0.189	1.659	2.041	3	3
64-	Sinai sic	100	0.40	86	3	70	0.28	5	0	2	50	400	0.060	0.304	2.041	3	3
65B	Serden fs	50	0.40	220	1	70	0.15	5	0	6	50	300	0.060	1.164	3.810	3	3
	Hamar lfs	50	0.40	134	1	70	0.17	5	0	1	50	300	0.060	0.179	3.361	3	3
66-	Spottswood l	100	0.40	48	3	70	0.24	4	1	3	500	400	0.209	0.435	1.905	3	3
67-	Stirum fsl	100	0.40	86	1	70	0.24	3	0	1	100	400	0.069	0.195	1.429	3	3
68-	Stirum fsl	60	0.40	86	1	70	0.24	3	0	1	100	400	0.069	0.195	1.429	3	3
	Letcher fsl	40	0.40	86	1	70	0.20	3	0	1	100	400	0.069	0.195	1.714	3	3
69-	Letcher fsl	100	0.40	86	1	70	0.20	3	0	1	50	400	0.060	0.195	1.714	3	3
70-	Svea l	100	0.40	48	3	70	0.28	5	0	1	500	400	0.096	0.195	2.041	3	3
71-	Svea l	70	0.40	48	3	70	0.28	5	0	2	500	400	0.096	0.304	2.041	3	3
	Cresbard l	30	0.40	48	3	70	0.32	3	0	2	500	400	0.096	0.304	1.071	3	3

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Map Symbol	Soil Name	WIND EROSION							WATER EROSION						Revised		
		%	C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value		Water HEL Class	Water HEL Class	
									Min	Max	Min	Max	Min	Max			8T/RK=
72-	Swenoda fsl	100	0.40	86	3	70	0.20	5	1	3	50	200	0.105	0.353	2.857	3	3
73-	Swenoda fsl	70	0.40	86	3	70	0.20	5	1	3	50	200	0.105	0.353	2.857	3	3
	Letcher fsl	30	0.40	86	1	70	0.20	3	1	3	50	200	0.105	0.353	1.714	3	3
74-	Swenoda fsl	70	0.40	86	3	70	0.20	5	1	3	50	150	0.105	0.324	2.857	3	3
	Barnes I	30	0.40	48	3	70	0.28	5	1	3	50	150	0.105	0.324	2.041	3	3
77-	Towner lfs	100	0.40	134	1	70	0.17	5	0	3	75	300	0.065	0.399	3.361	3	3
78-	Ulen fsl	100	0.40	86	1	70	0.17	4	0	1	50	300	0.060	0.179	2.689	3	3
79-	Ulen fsl	60	0.40	86	1	70	0.17	4	0	1	50	400	0.060	0.195	2.689	3	3
	Hamar lfs	40	0.40	134	1	70	0.17	5	0	1	50	400	0.060	0.195	3.361	3	3
80-	Makoti sil	70	0.40	48	3	70	0.32	5	1	3	50	200	0.105	0.353	1.786	3	3
	Sakakawea sil	30	0.40	86	3	70	0.28	5	1	3	50	200	0.105	0.353	2.041	3	3
81B	Makoti sil	60	0.40	48	3	70	0.32	5	3	6	50	300	0.233	1.164	1.786	3	3
	Sakakawea sil	40	0.40	86	3	70	0.28	5	3	6	50	300	0.233	1.164	2.041	3	3
85B	Lehr I	70	0.40	56	3	70	0.28	3	1	6	50	150	0.105	0.823	1.224	3	3
	Wabek I	30	0.40	56	1	70	0.28	2	1	6	50	150	0.105	0.823	0.816	2	3
86E	Wabek I	100	0.40	56	1	70	0.28	2	6	25	100	400	0.672	11.780	0.816	2	1
90-	Vallers I	100	0.40	86	3	70	0.28	5	0	1	50	400	0.060	0.195	2.041	3	3
91B	Ruso sl	100	0.40	86	1	70	0.20	4	1	6	50	200	0.105	0.951	2.286	3	3
92B	Williams	70	0.40	48	3	70	0.28	5	3	6	100	250	0.287	1.063	2.041	3	3
	Bowbells I	30	0.40	48	3	70	0.28	5	3	6	100	250	0.280	1.063	2.041	3	3
93C	Williams I	70	0.40	48	3	70	0.28	5	6	9	50	150	0.475	1.436	2.041	3	3
	Zahl I	30	0.40	86	3	70	0.28	5	6	9	50	150	0.475	1.436	2.041	3	3
94C	Williams I stony	100	0.40	35	3	70	0.20	5	3	9	50	200	0.233	1.659	2.857	3	3
95B	Bowbells I	50	0.40	48	3	70	0.28	5	3	6	50	100	0.233	0.672	2.041	3	3
	Zahl I	50	0.40	86	3	70	0.28	5	3	6	50	100	0.233	0.672	2.041	3	3
96E	Zahl I	60	0.40	86	3	70	0.28	5	6	25	75	250	0.582	9.313	2.041	2	1
	Williams I	40	0.40	48	3	70	0.28	5	6	25	75	250	0.582	9.313	2.041	2	1
97F	Zahl I	55	0.40	86	3	70	0.28	5	15	45	100	400	2.559	30.400	2.041	1	1
	Max I	45	0.40	48	3	70	0.28	5	15	45	100	400	2.559	30.400	2.041	1	1
98D	Williams I	50	0.40	48	3	70	0.28	5	1	15	50	200	0.105	3.620	2.041	2	3
	Zahl I	35	0.40	86	3	70	0.28	5	3	15	50	200	0.233	3.620	2.041	2	3
	Parnell sil	15	0.40	38	3	70	0.28	5	0	1	25	100	0.053	0.129	2.041	3	3