

Billings  
North Dakota

Revised 3/5/91

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	
5 Savage		100	0.60	38	3	45	0.37	5	1	3	50	700	0.105	0.514	2.402	3	3
9D Cabba		90	0.60	86	1	45	0.37	2	9	15	75	300	1.016	4.433	0.961	1	1
9F Cabba		90	0.60	86	1	45	0.37	2	15	35	10	300	0.809	17.705	0.961	2	1
12B Rhoades		90	0.60	48	1	45	0.32	3	0	6	50	200	0.060	0.951	1.667	3	3
13B Dogtooth		90	0.60	48	1	45	0.32	3	0	6	50	200	0.060	0.951	1.667	3	3
13D Dogtooth		90	0.60	48	1	45	0.32	3	6	15	50	200	0.475	3.620	1.667	2	1
14E Brandenburg		90	0.60	48	1	45	0.24	2	3	25	50	150	0.233	7.214	1.481	2	1
15B Daglum		50	0.60	48	1	45	0.32	3	0	6	50	200	0.060	0.951	1.667	3	3
Rhoades		40	0.60	48	1	45	0.32	3	3	6	50	200	0.233	0.951	1.667	3	3
17B Amor		90	0.60	48	3	45	0.28	4	3	6	100	300	0.287	1.164	2.540	3	3
17D Amor		55	0.60	48	1	45	0.28	4	9	15	50	300	0.829	4.433	2.540	2	1
Cabba		45	0.60	86	1	45	0.37	2	9	15	50	300	0.829	4.433	0.961	2	1
18F Wabek		75	0.60	56	1	45	0.28	2	6	25	50	300	0.475	10.202	1.270	2	1
19 Sen		55	0.60	48	1	45	0.32	4	1	3	100	400	0.129	0.435	2.222	3	3
Chama		45	0.60	86	1	45	0.32	4	1	3	100	400	0.129	0.435	2.222	3	3
19B Sen		55	0.60	48	1	45	0.32	4	3	6	100	300	0.287	1.164	2.222	3	3
Chama		45	0.60	86	1	45	0.32	4	3	6	100	300	0.287	1.164	2.222	3	3
19C Sen		55	0.60	48	1	45	0.32	4	6	9	50	300	0.475	2.031	2.222	3	1
Cabba		45	0.60	86	1	45	0.37	2	6	9	50	300	0.475	2.031	0.961	2	1
19D Sen		55	0.60	48	1	45	0.32	4	9	15	50	300	0.829	4.433	2.222	2	1
Cabba		45	0.60	86	1	45	0.37	2	9	15	50	300	0.829	4.433	0.961	2	1
20B Chma		90	0.60	86	1	45	0.32	4	3	6	100	300	0.287	1.164	2.222	3	3
21B Parshall		90	0.60	86	1	45	0.28	5	1	6	50	300	0.105	1.164	3.175	3	3
24B Janesburg		85	0.60	86	1	45	0.32	3	1	6	50	300	0.105	1.164	1.667	3	3
27E Cabba		60	0.60	86	1	45	0.37	2	15	35	100	300	2.559	17.705	0.961	1	1
Badland		30	0.60	86	1	45	0.37	1	15	35	100	300	2.559	17.705	0.480	1	1
28F Flasher		60	0.60	134	1	45	0.17	2	15	50	60	200	1.983	25.206	2.092	2	1
Rock Outcrop		20	0.60	48	1	45	0.17	1	15	50	10	200	0.809	25.206	1.046	2	1
31B Sen		70	0.60	48	3	45	0.32	4	1	6	50	300	0.105	1.164	2.222	3	3
Janesburg		30	0.60	48	3	45	0.32	3	1	6	50	300	0.105	1.164	1.667	3	3
35F Flasher		85	0.60	134	1	45	0.17	2	15	35	50	200	1.810	14.456	2.092	2	1
36B Ekalaka		75	0.60	86	1	45	0.24	3	1	6	50	300	0.105	1.164	2.222	3	3
38B Morton		90	0.60	48	3	45	0.32	4	3	6	100	300	0.287	1.164	2.222	3	3
41C Wayden		90	0.60	86	1	45	0.32	2	3	9	50	250	0.233	1.854	1.111	2	3
43 Belfield		85	0.60	48	1	45	0.32	3	0	3	50	400	0.060	0.435	1.667	3	3
44 Shambo		85	0.60	48	3	45	0.28	5	0	3	100	500	0.069	0.465	3.175	3	3
44B Shambo		85	0.60	48	3	45	0.28	5	3	6	100	500	0.287	1.503	3.175	3	3
47 Bowdle		50	0.60	48	3	45	0.28	4	1	3	50	200	0.105	0.353	2.540	3	3
48B Ruso		80	0.60	86	1	45	0.20	4	1	6	50	200	0.105	0.951	3.556	3	3
49B Telfer		85	0.60	86	1	45	0.24	5	1	6	50	300	0.105	1.164	3.704	3	3
51B Janesburg		65	0.60	48	1	45	0.32	3	0	6	50	300	0.060	1.164	1.667	3	3
Dogtooth		35	0.60	48	1	45	0.32	3	1	6	50	300	0.105	1.164	1.667	3	3
52 Heil		100	0.60	86	1	45	0.28	3	1	2	25	100	0.085	0.201	1.905	3	3
53B Farland		50	0.60	48	3	45	0.32	5	1	6	50	400	0.105	1.344	2.778	3	3
Rhoades		40	0.60	134	1	45	0.32	3	1	6	50	400	0.105	1.344	1.667	3	3
54 Straw		100	0.60	48	3	45	0.32	5	1	2	50	300	0.105	0.279	2.778	3	3
55 Pits		100	0.60	48	1	45	0.32	3	1	3	25	100	0.085	0.287	1.667	3	3

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57	Rhoades	60	0.60	48	1	45	0.32	3	1	3	25	100	0.085	0.287	1.667	3	3
	Straw	40	0.60	48	1	45	0.32	5	1	3	25	100	0.085	0.287	2.778	3	3
58	Straw	100	0.60	48	3	45	0.32	5	0	3	25	300	0.053	0.399	2.778	3	3
60	Korchea	100	0.60	48	3	45	0.28	5	0	3	50	300	0.060	0.399	3.175	3	3
62F	Dogtooth	35	0.60	48	1	45	0.32	3	6	35	50	250	0.475	16.162	1.667	2	1
	Brandenburg	35	0.60	48	1	45	0.28	2	6	35	50	150	0.475	12.519	1.270	2	1
	Cabba	30	0.60	86	1	45	0.37	2	6	35	50	250	0.475	16.162	0.961	2	1
63F	Dogtooth	60	0.60	48	1	45	0.32	3	3	25	50	250	0.233	9.313	1.667	2	1
	Cabba	40	0.60	86	1	45	0.37	2	3	30	50	250	0.233	12.574	0.961	2	1
64	Savage	70	0.60	38	3	45	0.37	5	0	3	100	400	0.069	0.435	2.402	3	3
	Rhoades	30	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3
65	Banks	70	0.60	48	3	45	0.24	5	1	6	50	100	0.105	0.672	3.704	3	3
66B	Lehr	60	0.60	56	1	45	0.28	3	3	6	50	200	0.233	0.951	1.905	3	3
	Stady	40	0.60	48	1	45	0.28	4	3	6	50	200	0.233	0.951	2.540	3	3
67C	Ekalaka	65	0.60	86	1	45	0.24	3	1	9	50	200	0.105	1.659	2.222	3	3
	Telfer	35	0.60	86	1	45	0.24	5	1	9	50	200	0.105	1.659	3.704	3	3
70B	Absher	80	0.60	56	1	45	0.32	3	1	6	50	300	0.105	1.164	1.667	3	3
71B	Rhame	90	0.60	86	1	45	0.20	4	1	6	50	200	0.105	0.951	3.556	3	3
71D	Rhame	90	0.60	86	1	45	0.20	4	6	15	50	200	0.475	3.620	3.556	2	3
72F	Rhame	50	0.60	86	1	45	0.20	4	15	35	50	250	1.810	16.162	3.556	2	1
	Fleak	40	0.60	134	1	45	0.17	2	15	35	50	250	1.810	16.162	2.092	2	1
74	Glendive	50	0.60	86	1	45	0.20	5	0	3	25	100	0.053	0.287	4.444	3	3
	Havre	50	0.60	86	1	45	0.37	5	0	3	25	100	0.053	0.287	2.402	3	3
75	Havre	90	0.60	86	1	45	0.37	5	0	3	25	100	0.053	0.287	2.402	3	3
77	Glendive	90	0.60	86	1	45	0.20	5	0	3	25	100	0.053	0.287	4.444	3	3
78	Hanley	90	0.60	134	1	45	0.17	5	0	3	25	100	0.053	0.287	5.229	3	3
79C	Zeona	90	0.60	134	1	45	0.17	5	1	9	25	50	0.085	0.829	5.229	3	3
81B	Vebar	85	0.60	86	1	45	0.20	4	3	6	50	300	0.233	1.164	3.556	3	3
81C	Vebar	85	0.60	86	1	45	0.20	4	6	9	50	300	0.475	2.031	3.556	3	3
81D	Vebar	85	0.60	86	1	45	0.20	4	9	15	50	300	0.829	4.433	3.556	2	3
82F	Badland	65	0.60	86	1	45	0.37	2	6	25	25	100	0.336	5.890	0.961	2	1
	Cherry	35	0.60	48	1	45	0.37	5	6	15	50	200	0.475	3.620	2.402	2	1
83	Badland	90	0.60	86	1	45	0.43	2	50	90	50	100	12.603	0.827	0.827	1	1
89C	Patent	90	0.60	86	1	45	0.32	5	17	97	50	700	2.213	2.778	2.778	2	1
88B	Wanagan	90	0.60	48	3	45	0.28	5	0	4	50	300	0.060	3.175	3.175	3	3
96E	Baahish	90	0.60	48	1	45	0.28	2	6	25	50	250	0.475	1.270	1.270	2	1
97B	Kremlin	90	0.60	48	3	45	0.37	5	0	4	100	300	0.069	2.402	2.402	3	3
98	Wolf Point	90	0.60	86	1	45	0.37	5	0	2	100	400	0.069	2.402	2.402	3	3
105	Harriet	100	0.60	86	1	45	0.37	3	0	3	25	100	0.053	1.441	1.441	3	3
110C	Patent	50	0.60	86	1	45	0.32	5	1	9	50	100	0.105	2.778	2.778	3	3
	Absher	25	0.60	56	1	45	0.32	3	1	9	50	100	0.105	1.667	1.667	3	3
	Gullied Land	20	0.60	86	1	45	0.32	3	1	9	50	100	0.105	1.667	1.667	3	3