

**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			
			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value		Water	HEL	
			Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
2	Heil	90	0.55	48	1	55	0.28	3	0	1	25	100	0.053	0.129	1.558	3	3
3	Dimmick	100	0.55	86	1	55	0.28	5	0	1	25	100	0.053	0.129	2.597	3	3
4	Tonka	100	0.55	48	3	55	0.32	5	1	3	25	100	0.085	0.287	2.273	3	3
5	Grail	100	0.55	38	3	55	0.32	5	0	3	50	400	0.060	0.435	2.273	3	3
5B	Grail	100	0.55	38	3	55	0.32	5	3	6	50	400	0.233	1.344	2.273	3	3
6	Arnegard	100	0.55	48	3	55	0.28	5	1	3	50	700	0.105	0.514	2.597	3	3
7	Banks	100	0.55	134	1	55	0.17	5	1	3	25	100	0.085	0.287	4.278	3	3
8B	Daglum	53	0.55	48	1	55	0.32	3	1	6	50	300	0.105	1.164	1.364	3	3
	Rhoades	47	0.55	48	1	55	0.32	3	1	6	50	300	0.105	1.164	1.364	3	3
8C	Daglum	53	0.55	48	1	55	0.32	3	6	9	50	300	0.475	2.031	1.364	2	3
	Rhoades	47	0.55	48	1	55	0.32	3	6	9	50	300	0.475	2.031	1.364	2	3
9B	Janesburg	50	0.55	86	1	55	0.24	3	1	6	50	300	0.105	1.164	1.818	3	3
	Dogtooth	50	0.55	86	1	55	0.32	3	1	6	50	300	0.105	1.164	1.364	3	3
10	Belfield	60	0.55	48	1	55	0.32	3	1	3	50	300	0.105	0.399	1.364	3	3
	Daglum	40	0.55	48	1	55	0.32	3	1	3	50	300	0.105	0.399	1.364	3	3
10B	Belfield	60	0.55	48	1	55	0.32	3	3	6	50	300	0.233	1.164	1.364	3	3
	Daglum	40	0.55	48	1	55	0.32	3	3	6	50	300	0.233	1.164	1.364	3	3
11	Grail	50	0.55	48	3	55	0.32	5	1	3	50	300	0.105	0.399	2.273	3	3
	Belfield	50	0.55	48	3	55	0.32	3	1	3	50	300	0.105	0.399	1.364	3	3
11B	Grail	50	0.55	48	3	55	0.32	5	3	6	50	400	0.233	1.344	2.273	3	3
	Belfield	50	0.55	48	3	55	0.32	3	3	6	50	400	0.233	1.344	1.364	3	3
12C	Rhoades	60	0.55	48	1	55	0.32	3	1	9	50	300	0.105	2.031	1.364	2	3
	Slickspot	10	0.55	48	1	55	0.32	3	1	9	25	50	0.085	0.829	1.364	3	3
13	Badland	100	0.55	86	1	55	0.37	1	6	20	50	200	0.475	69.993	0.393	1	1
14C	Ekalaka	60	0.55	86	1	55	0.24	3	1	9	50	200	0.105	1.659	1.818	3	3
	Lakota	35	0.55	86	1	55	0.32	3	1	9	50	200	0.105	1.659	1.364	2	3
15B	Ekalaka	60	0.55	86	1	55	0.24	3	1	6	50	200	0.105	0.951	1.818	3	3
	Lokata	40	0.55	86	1	55	0.32	3	1	6	50	200	0.105	0.951	1.364	3	3
15D	Evridge	60	0.55	86	1	55	.24	3	6	15	50	200	0.475	3.620	1.818	2	1
	Whitebird	40	0.55	86	1	55	0.32	3	6	15	50	200	0.475	3.620	1.364	2	1
16B	Desert	50	0.55	86	1	55	0.20	4	1	6	50	200	0.105	0.951	2.909	3	3
	Ekalaka	30	0.55	86	1	55	0.24	3	1	6	50	200	0.105	0.951	1.818	3	3
	Telfer	20	0.55	134	1	55	0.17	5	1	6	50	200	0.105	0.951	4.278	3	3
16D	Evridge	40	0.55	86	1	55	0.24	3	6	15	50	200	0.475	3.620	1.818	2	1
	Desart	30	0.55	86	1	55	0.20	4	6	15	50	200	0.475	3.620	2.909	2	1
	Telfer	20	0.55	134	1	55	0.17	5	6	15	50	200	0.475	3.620	4.278	3	1
18B	Amor	100	0.55	48	3	55	0.28	4	3	6	50	400	0.233	1.344	2.078	3	3
18C	Amor	70	0.55	48	1	55	0.28	4	6	9	50	300	0.475	2.031	2.078	3	3
	Cabba	30	0.55	86	1	55	0.37	2	6	9	50	300	0.475	2.031	0.786	2	3
18D	Amor	65	0.55	48	1	55	0.28	4	9	15	50	300	0.829	4.433	2.078	2	1
	Cabba	35	0.55	86	1	55	0.37	2	9	15	50	300	0.829	4.433	0.786	1	1
18F	Cabba	75	0.55	86	1	55	0.37	2	15	35	50	250	1.810	16.162	0.786	1	1
	Amor	25	0.55	48	1	55	0.28	4	15	35	50	250	1.810	16.162	2.078	2	1
19B	Farnuf	100	0.55	48	3	55	0.28	5	3	6	50	500	0.233	1.503	2.597	3	3
19D	Farnuf	100	0.55	48	3	55	0.28	5	6	15	50	300	0.475	4.433	2.597	2	1
20B	Amor	80	0.55	48	3	55	0.28	4	1	6	100	250	0.129	1.063	2.078	3	3

Sioux  
North Dakota

01/29/92

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						
		%	C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent	Slope- -Length	LS- -Value	Water	Water HEL Class					
	Vebar	20	0.55	86	3	55	0.20	4	1	6	50	300	0.105	1.164	2.909	3	3	
22F	Telfer	80	0.55	134	1	55	0.17	5	9	35	50	200	0.829	14.456	4.278	2	1	
	Schaller	20	0.55	86	1	55	0.20	5	9	35	50	300	0.829	17.705	3.636	2	1	
23C	Ruso	60	0.55	86	1	55	0.20	4	3	9	50	200	0.233	1.659	2.909	3	3	
	Wabek	40	0.55	86	1	55	0.28	2	3	9	50	200	0.233	1.659	1.039	2	3	
24B	Ruso	100	0.55	86	1	55	0.20	4	1	6	50	200	0.105	0.951	2.909	3	3	
25	Bowdle	100	0.55	48	3	55	0.28	4	1	3	50	200	0.105	0.353	2.078	3	3	
26B	Lehr	60	0.55	56	1	55	0.28	3	6	6	50	200	0.475	0.951	1.558	3	3	
	Stady	40	0.55	48	1	55	0.28	4	6	6	50	200	0.475	0.951	2.078	3	3	
26F	Wabek	50	0.55	86	1	55	0.28	2	9	35	50	200	0.829	14.456	1.039	2	1	
	Cabba	35	0.55	86	1	55	0.37	2	9	35	50	200	0.829	14.456	0.786	1	1	
	Farnuf	15	0.55	48	1	55	0.28	5	9	25	50	400	0.829	11.780	2.597	2	1	
27	Breien	100	0.55	86	1	55	0.20	5	1	3	25	100	0.085	0.287	3.636	3	3	
28	Straw	100	0.55	56	3	55	0.32	5	0	3	50	300	0.060	0.399	2.273	3	3	
29	Korchea	100	0.55	56	3	55	0.32	5	0	3	50	300	0.060	0.399	2.273	3	3	
30	Straw	50	0.55	56	3	55	0.32	5	0	3	50	300	0.060	0.399	2.273	3	3	
	Velva	50	0.55	86	3	55	0.20	5	0	3	50	300	0.060	0.399	3.636	3	3	
31	Moreau	100	0.55	86	1	55	0.32	4	0	3	50	500	0.060	0.465	1.818	3	3	
31B	Moreau	100	0.55	86	1	55	0.32	4	3	6	50	500	0.233	1.503	1.818	3	3	
32C	Wayden	70	0.55	86	1	55	0.32	2	6	9	50	200	0.750	1.659	0.909	2	1	
	Moreau	30	0.55	86	1	55	0.32	4	6	6	50	200	0.475	1.659	1.818	3	1	
33	Savage	100	0.55	38	3	55	0.37	5	0	3	50	700	0.060	0.514	1.966	3	3	
33B	Grail	60	0.55	38	3	55	0.32	5	3	6	50	400	0.233	1.344	2.273	3	3	
	Savage	30	0.55	38	3	55	0.37	5	3	6	50	400	0.233	1.344	1.966	3	3	
33C	Savage	100	0.55	38	3	55	0.37	5	6	6	50	400	0.475	2.346	1.966	2	3	
36B	Moreau	60	0.55	86	1	55	0.32	4	3	3	50	200	0.233	0.951	1.818	3	3	
	Regent	40	0.55	38	1	55	0.32	4	3	3	50	200	0.233	0.951	1.818	3	3	
37B	Regent	65	0.55	48	3	55	0.32	4	1	1	50	500	0.105	1.503	1.818	3	3	
	Janesburg	35	0.55	48	3	55	0.32	3	1	1	50	500	0.105	1.503	1.364	2	3	
37C	Regent	70	0.55	48	3	55	0.32	4	6	6	50	400	0.475	2.346	1.818	2	3	
	Janesburg	30	0.55	48	3	55	0.32	3	6	6	50	400	0.475	2.346	1.364	2	3	
37F	Regent	45	0.55	48	1	55	0.32	4	9	9	35	50	300	0.829	17.705	1.818	2	1
	Janesburg	35	0.55	48	1	55	0.32	3	9	9	35	50	250	0.829	16.162	1.364	2	1
	Cabba	20	0.55	86	1	55	0.37	2	9	9	35	50	200	0.829	14.456	0.786	1	1
39	Grail	100	0.55	38	3	55	0.32	5	1	1	3	50	400	0.105	0.435	2.273	3	3
40	Regent	75	0.55	48	3	55	0.32	4	1	1	3	50	500	0.105	0.465	1.818	3	3
	Reeder	25	0.55	48	3	55	0.28	4	1	1	3	50	400	0.105	0.435	2.078	3	3
40B	Regent	70	0.55	38	3	55	0.32	4	3	3	6	50	500	0.233	1.503	1.818	3	3
	Reeder	30	0.55	48	3	55	0.28	4	3	3	6	50	400	0.233	1.344	2.078	3	3
41	Regent	100	0.55	38	3	55	0.32	4	1	1	3	50	400	0.105	0.435	1.818	3	3
41B	Regent	100	0.55	38	3	55	0.32	4	3	3	6	50	400	0.233	1.344	1.818	3	3
42C	Regent	80	0.55	38	3	55	0.32	4	6	6	9	50	400	0.475	2.346	1.818	2	3
42D	Regent	70	0.55	38	1	55	0.32	4	9	9	15	50	400	0.829	5.119	1.818	2	1
	Cabba	30	0.55	86	1	55	0.37	2	9	9	15	50	400	0.829	5.119	0.786	1	1
44	Reeder	100	0.55	48	3	55	0.28	4	1	1	3	50	400	0.105	0.435	2.078	3	3
44B	Reeder	100	0.55	48	3	55	0.28	4	3	3	6	50	400	0.233	1.344	2.078	3	3

Sioux  
North Dakota

01/29/92

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						
		%	C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value	Water	HEL			
			Value	Value	Class				Value	Value	Min	Max				Min	Max	Min
45	Farnuf	100	0.55	48	3	55	0.28	5	0		3	50	500	0.060	0.465	2.597	3	3
46	Mandan	75	0.55	56	3	55	0.32	5	1		3	100	250	0.129	0.378	2.273	3	3
	Linton	25	0.55	56	3	55	0.32	5	1		3	100	250	0.129	0.378	2273.000	3	3
46B	Linton	100	0.55	56	3	55	0.32	5	3		6	50	200	0.233	0.951	2.273	3	3
46C	Linton	65	0.55	56	3	55	0.32	5	6		9	50	200	0.475	1.659	2.273	3	3
	Sutley	35	0.55	86	3	55	0.32	5	6		9	50	200	0.475	1.659	2.273	3	3
46E	Linton	40	0.55	56	1	55	0.32	5	6		25	50	200	0.475	8.330	2.273	2	1
	Flasher	30	0.55	134	1	55	0.17	2	6		25	25	100	0.336	5.890	1.711	2	1
	Sutley	30	0.55	86	1	55	0.32	5	6		25	50	200	0.475	8.330	2.273	2	1
47D	Seroco	70	0.55	134	1	55	0.15	5	3		15	25	100	0.189	2.559	4.848	3	3
	Telfer	30	0.55	134	1	55	0.17	5	3		15	25	100	0.189	2.559	2.278	3	3
48B	Telfer	100	0.55	134	1	55	0.17	5	1		6	50	400	0.105	1.344	4.278	3	3
49B	Vebar	60	0.55	86	1	55	0.20	4	1		6	50	300	0.105	1.164	2.909	3	3
	Parshall	40	0.55	86	1	55	0.20	5	1		6	50	300	0.105	1.164	3.636	3	3
50B	Parshall	100	0.55	86	1	55	0.20	5	1		6	50	300	0.105	1.164	3.636	3	3
51B	Telfer	100	0.55	86	1	55	0.24	5	1		6	50	400	0.105	1.344	3.030	3	3
52C	Vebar	65	0.55	86	1	55	0.20	4	3		9	50	300	0.233	2.031	2.909	3	3
	Flasher	35	0.55	86	1	55	0.24	2	3		9	50	300	0.233	2.031	1.212	2	3
52D	Vebar	65	0.55	86	1	55	0.20	4	9		15	50	300	0.829	4.433	2.909	2	1
	Flasher	35	0.55	134	1	55	0.17	2	9		15	50	300	0.829	4.433	1.711	2	1
52F	Flasher	50	0.55	134	1	55	0.17	2	15		35	50	300	1.810	17.705	1.711	1	1
	Vebar	30	0.55	86	1	55	0.20	4	15		35	50	300	1.810	17.705	2.909	2	1
	Telfer	20	0.55	134	1	55	0.17	5	15		35	50	300	1.810	17.705	4.278	2	1
53F	Flasher	75	0.55	134	1	55	0.17	2	35		70	25	200	5.111	40.151	1.711	1	1
	Vebar	25	0.55	86	1	55	0.20	4	35		70	25	200	5.111	40.151	2.909	1	1
54C	Tally	60	0.55	86	1	55	0.20	5	6		9	50	300	0.475	2.031	3.636	3	3
	Parshall	40	0.55	86	1	55	0.20	5	6		9	50	300	0.475	2.031	3.636	3	3
59D	Telfer	40	0.55	134	1	55	0.20	5	6		15	50	200	0.475	3.620	3.636	3	3
	Parshall	30	0.55	86	1	55	0.20	5	6		15	50	200	0.475	3.620	3.636	3	3
	Vebar	30	0.55	86	1	55	0.20	4	6		15	50	200	0.475	3.620	2.909	2	3
59F	Telfer	75	0.55	134	1	55	0.20	5	15		35	50	300	1.810	17.705	3.636	2	1
	Vebar	25	0.55	134	1	55	0.20	4	15		35	50	300	1.810	17.705	2.909	2	1
60F	Flasher	60	0.55	134	1	55	0.17	2	9		45	25	300	0.586	26.327	1.711	2	1
	Vebar	30	0.55	86	1	55	0.20	4	9		45	25	300	0.586	26.327	2.909	2	1
	Rock Outcrop	10	0.55	56	1	55	0.37	2	9		45	25	300	0.586	26.327	0.786	2	1
61B	Sham	100	0.55	86	1	55	0.32	5	1		6	50	200	0.105	0.951	2.273	3	3
62	Desart	50	0.55	56	1	55	0.28	4	1		3	50	300	0.105	0.399	2.078	3	3
	Ekalaka	50	0.55	56	1	55	0.28	3	1		3	50	300	0.105	0.399	1.558	3	3
62B	Desart	60	0.55	56	1	55	0.28	4	3		6	50	200	0.233	0.951	2.078	3	3
	Ekalaka	40	0.55	56	1	55	0.28	3	3		6	50	200	0.233	0.951	1.558	3	3
64B	Vergelle	100	0.55	134	1	55	0.20	5	1		6	50	300	0.105	1.164	3.636	3	3
68F	Dogtooth	70	0.55	48	1	55	0.32	3	9		35	50	400	0.829	20.444	1.364	2	1
	Cabba	30	0.55	86	1	55	0.37	2	9		35	50	400	0.829	20.444	0.786	1	1
71	Watrous	100	0.55	48	3	55	0.28	4	1		3	100	400	0.129	0.435	2.078	3	3
72B	Parshall	100	0.55	86	1	55	0.20	5	1		6	50	300	0.105	1.164	3.636	3	3
75F	Farnuf	50	0.55	48	1	55	0.28	5	6		45	50	300	0.475	26.327	2.597	2	1

Sioux  
North Dakota

01/29/92

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			
			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value		Water	HEL	
			Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	Class	Class
	Cabba	30	0.55	86	1	55	0.37	2	6	45	25	200	0.336	21.496	0.786	2	1
	Savage	20	0.55	38	1	55	0.37	5	6	45	50	400	0.475	30.400	1.966	2	1
80	Harriet	100	0.55	48	1	55	0.37	3	0	1	50	150	0.060	0.146	1.179	3	3
81B	Janesburg	55	0.55	48	1	55	0.32	3	1	6	50	300	0.105	1.164	1.364	3	3
	Dogtooth	45	0.55	48	1	55	0.32	3	1	6	50	300	0.105	1.164	1.364	3	3
82D	Dogtooth	40	0.55	48	1	55	0.32	3	6	15	50	200	0.475	3.620	1.364	2	1
	Janesburg	30	0.55	48	1	55	0.32	3	6	15	50	200	0.475	3.620	1.364	2	1
	Regent	30	0.55	48	1	55	0.32	4	6	15	50	200	0.475	3.620	1.818	2	1
83F	Amor	50	0.55	48	1	55	0.28	4	15	45	50	300	1.810	26.327	2.708	2	1
	Cabba	30	0.55	86	1	55	0.37	2	15	45	50	200	1.810	21.496	0.786	1	1
	Dogtooth	20	0.55	48	1	55	0.32	3	15	45	50	200	1.810	21.496	1.364	1	1
85	Rhoades	60	0.55	48	1	55	0.32	3	0	3	50	150	0.060	0.324	1.364	3	3
	Slickspots	30	0.55	48	1	55	0.32	3	0	3	50	150	0.060	0.324	1.364	3	3
86	Tiffany	100	0.55	86	1	55	0.20	5	0	3	50	100	0.060	0.287	3.636	3	3
88	Velva	60	0.55	86	1	55	0.20	5	1	3	25	100	0.850	0.287	3.636	3	3
	harriet	40	0.55	48	1	55	0.37	3	1	3	25	100	0.085	0.287	1.179	3	3
90	Velva	100	0.55	86	1	55	0.20	5	0	3	25	100	0.053	0.287	3.636	3	3
91	Banks	100	0.55	134	1	55	0.17	5	0	3	25	100	0.053	0.287	4.278	3	3
97D	Dupree	60	0.55	86	1	55	0.32	2	6	15	50	100	0.475	2.559	0.909	2	1
	Shale outcrop	30	0.55	86	1	55	0.37	2	6	15	25	100	0.336	2.559	0.786	2	1
99F	Cabba	50	0.55	86	1	55	0.37	2	9	40	50	200	0.829	17.893	0.786	1	1
	Badland	50	0.55	86	1	55	0.37	2	9	40	25	100	0.586	12.652	0.786	2	1
100	Pits, gravel	100	0.55	86	1	55	0.37	1	1	25	25	400	0.085	11.780	0.393	2	1