

Cavalier  
North Dakota

1/13/94

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			
1	Southam c	90	0.40	86	3	55	0.37	5	0	1	5	10	0.038	0.065	1.966	3	3
2	Vallers, saline-Parnell complex	45	0.40	86	3	55	0.28	5	0	1	5	10	0.038	0.065	2.597	3	3
3	Parnell sil	45	0.40	38	3	55	0.28	5	0	1	5	10	0.038	0.065	2.597	3	3
4	Easby sl	90	0.40	86	3	55	0.28	5	0	1	5	10	0.038	0.065	2.597	3	3
5	Manfred-Vallers, saline sicl	57	0.40	86	1	55	0.32	3	0	1	5	10	0.038	0.065	1.364	3	3
6	LaPrairie I	40	0.40	86	3	55	0.28	5	0	1	5	10	0.038	0.065	2.597	3	3
7	Fairdale I, channeled	90	0.40	48	3	55	0.28	5	0	1	5	15	0.038	0.073	2.273	3	3
8	Lamoure sil	90	0.40	86	3	55	0.28	5	0	1	5	10	0.038	0.065	2.597	3	3
10	Svea-Barnes I	65	0.40	48	3	55	0.28	5	0	3	50	150	0.060	0.324	2.597	3	3
10B	Svea-Barnes I	22	0.40	48	3	55	0.28	5	0	3	50	150	0.060	0.324	2.597	3	3
11B	Svea-Buse I	55	0.40	48	3	55	0.28	5	3	6	100	300	0.287	1.164	2.597	3	3
11C	Svea-Buse I	35	0.40	48	3	55	0.28	5	3	6	100	300	0.287	1.164	2.597	3	3
11D	Svea-Buse I	60	0.40	48	3	55	0.28	5	3	6	80	150	0.268	0.823	2.597	3	3
11E	Svea-Buse I	37	0.40	86	3	55	0.28	5	3	6	80	150	0.268	0.823	2.597	3	3
12B	Svea-Buse I	55	0.40	48	3	55	0.28	5	6	9	100	250	0.672	1.854	2.597	3	3
14	Divide I	42	0.40	86	3	55	0.28	5	6	9	100	250	0.672	1.854	2.597	3	3
15	Wyard-Hamerly I	55	0.40	86	3	55	0.28	5	9	15	200	350	1.659	4.788	2.597	2	1
16	Hamerly-Tonka I	55	0.40	48	3	55	0.28	5	9	15	200	350	1.659	4.788	2.597	2	1
17	Vallers-Hamerly I, salline	50	0.40	86	3	55	0.28	5	15	35	100	200	2.559	14.456	2.597	2	1
19	Hamerly-Cresbard I	40	0.40	48	3	55	0.28	5	15	35	100	200	2.559	14.456	2.597	2	1
20	Cresbard-Svea I	57	0.40	48	3	55	0.28	5	3	6	90	175	0.278	0.889	2.597	3	3
21	Cavour-Cresbard I	35	0.40	86	3	55	0.28	5	3	6	90	175	0.278	0.889	2.597	3	3
22	Miranda-Cavour I	90	0.40	86	1	55	0.28	4	1	3	15	50	0.073	0.233	2.078	3	3
23B	Mekinock I	55	0.40	86	3	55	0.28	5	0	3	100	200	0.069	0.353	2.597	3	3
25	Hattle c	35	0.40	86	3	55	0.28	5	0	3	100	200	0.069	0.353	2.597	3	3
26	Rolette cl	62	0.40	86	3	55	0.28	5	0	3	30	90	0.054	0.278	2.597	3	3
26B	Rolette cl	32	0.40	56	3	55	0.32	5	0	3	30	90	0.054	0.278	2.273	3	3
26C	Rolette sicl	67	0.40	86	3	55	0.28	5	0	3	100	200	0.069	0.353	2.597	3	3
27D	Olga sicl	27	0.40	86	3	55	0.28	5	0	3	100	200	0.069	0.353	2.597	3	3
27D	Olga sicl	55	0.40	86	3	55	0.28	5	1	3	50	100	0.105	0.287	2.597	3	3
27D	Olga sicl	42	0.40	48	3	55	0.32	3	1	3	100	200	0.105	0.287	1.364	3	3
27D	Olga sicl	55	0.40	48	3	55	0.28	5	1	3	100	200	0.129	0.353	1.364	3	3
27D	Olga sicl	35	0.40	48	3	55	0.28	5	1	3	100	200	0.129	0.353	2.597	3	3
27D	Olga sicl	55	0.40	48	3	55	0.32	3	3	6	50	150	0.233	0.823	1.364	3	3
27D	Olga sicl	35	0.40	48	3	55	0.28	5	3	6	50	150	0.233	0.823	2.597	3	3
27D	Olga sicl	55	0.40	48	3	55	0.37	3	0	3	15	50	0.047	0.233	1.179	3	3
27D	Olga sicl	35	0.40	48	3	55	0.32	3	0	3	15	50	0.047	0.233	1.364	3	3
27D	Olga sicl	47	0.40	48	3	55	0.32	3	0	1	5	30	0.038	0.090	1.364	3	3
27D	Olga sicl	42	0.40	48	3	55	0.37	3	0	1	5	30	0.038	0.090	1.179	3	3
27D	Olga sicl	90	0.40	48	3	55	0.24	3	0	6	200	475	0.080	1.465	1.818	3	3
27D	Olga sicl	90	0.40	86	3	55	0.28	5	1	3	250	480	0.170	0.459	2.597	3	3
27D	Olga sicl	90	0.40	86	3	55	0.32	5	1	3	200	600	0.159	0.491	2.273	3	3
27D	Olga sicl	90	0.40	86	3	55	0.32	5	3	6	250	550	0.378	1.576	2.273	3	3
27D	Olga sicl	90	0.40	86	3	55	0.32	5	6	9	200	400	0.951	2.346	2.273	2	3
27D	Olga sicl	90	0.40	86	1	55	0.43	3	9	15	400	700	2.346	6.772	1.015	1	1

