Divide
North Dakota

4/08/93

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

			WIND EROSION			WATER EROSION											Revised
			C	I	HEL	R	K	T	Slope- -Percent		Slope- -Length		LS- -Value			Water	Water HEL
Map Symbol	Soil Name	%	Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
2	Parnell	100	0.60	38	3	45	0.28	5	0	1	1	25	0.028	0.095	3.175	3	3
3	Tonka	100	0.60	48	3	45	0.32	5	0	1	1	25	0.028	0.095	2.778	3	3
7	Heil	100	0.60	48	1	45	0.28	3	0	1	1	25	0.028	0.095	1.905	3	3
8	Straw	100	0.60	48	3	45	0.28	5	0	3	1	50	0.028	0.242	3.175	3	3
10	Harriet	50	0.60	48	1	45	0.37	3	0	1	1	50	0.028	0.109	1.441	3	3
	Stirum	30	0.60	86	1	45	0.24	3	0	3	50	100	0.060	0.278	2.222	3	3
	Regan	20	0.60	86	1	45	0.32	5	0	3	50	100	0.060	0.278	2.778	3	3
11	Southam	100	0.60	48	3	45	0.32	5	0	1	1	25	0.028	0.095	2.778	3	3
13	Vallers	70	0.60	86	1	45	0.28	5	0	3	1	50	0.028	0.242	3.175	3	3
	Parnell	30	0.60	38	1	45	0.28	5	0	1	1	50	0.028	0.109	3.175	3	3
16	Hamerly	60	0.60	86	1	45	0.28	5	0	3	5	50	0.038	0.242	3.175	3	3
	Tonka	40	0.60	48	1	45	0.32	5	0	1	1	25	0.028	0.095	2.778	3	3
17	Vallers, saline	100	0.60	86	1	45	0.28	5	0	1	1	50	0.028	0.109	3.175	3	3
19	Divide	100	0.60	86	1	45	0.28	4	0	3	5	50	0.038	0.242	2.540	3	3
20	Farnuf	100	0.60	48	3	45	0.28	5	0	3	100	300	0.069	0.346	3.175	3	3
20B	Farnuf	65	0.60	48	3	45	0.28	5	3	6	50	150	0.242	0.662	3.175	3	3
	Sakakawea	35	0.60	86	3	45	0.28	5	3	6	50	150	0.242	0.662	3.175	3	3
20C	Sakakawea	60	0.60	86	1	45	0.28	5	6	9	50	150	0.532	1.155	3.175	3	3
	Farnuf	40	0.60	48	1	45	0.28	5	6	9	25	50	0.463	0.927	3.175	3	3
20E	Sakakawea	60	0.60	86	1	45	0.28	5	9	25	25	150	0.807	5.802	3.175	2	1
	Farnuf	30	0.60	48	1	45	0.28	5	9	25	50	150	0.927	5.802	3.175	2	1
	Wabek	10	0.60	86	1	45	0.20	2	9	25	25	175	0.807	5.984	1.778	2	1
22	Marias	100	0.60	86	1	45	0.28	5	0	3	250	500	0.083	0.303	3.175	3	3
22B	Marias	100	0.60	86	1	45	0.28	5	3	6	250	500	0.334	0.842	3.175	3	3
23	Williams	75	0.60	48	3	45	0.28	5	0	3	100	300	0.069	0.346	3.175	3	3
	Bowbells	25	0.60	48	3	45	0.28	5	0	3	100	300	0.069	0.346	3.175	3	3
24B	Williams	60	0.60	48	3	45	0.28	5	2	6	100	300	0.194	0.761	3.175	3	3
	Zahl	40	0.60	86	3	45	0.28	5	2	6	100	300	0.194	0.761	3.175	3	3
25C	Zahl	55	0.60	86	1	45	0.28	5	6	9	100	300	0.611	1.327	3.175	3	3
	Williams	45	0.60	48	1	45	0.28	5	6	9	100	300	0.611	1.327	3.175	3	3
25E	Zahl	55	0.60	86	1	45	0.28	5	9	15	100	250	1.896	4.022	3.175	2	3
	Williams	45	0.60	48	1	45	0.28	5	9	15	100	250	1.896	4.022	3.175	2	3
25F	Zahl	60	0.60	86	1	45	0.28	5	15	60	100	300	4.137	336.820	3.175	1	1
	Williams	40	0.60	48	1	45	0.28	5	15	60	100	300	4.137	336.820	3.175	1	1
26C	Williams	45	0.60	48	3	45	0.28	5	1	9	100	250	0.125	1.280	3.175	3	3
	Zahl	35	0.60	86	3	45	0.28	5	3	9	100	250	0.278	1.280	3.175	3	3
	Parnell	20	0.60	38	3	45	0.28	5	0	1	1	25	0.028	0.095	3.175	3	3
26E	Zahl	50	0.60	86	3	45	0.28	5	9	35	50	100	0.927	9.286	3.175	2	1
	Williams	35	0.60	48	3	45	0.28	5	9	35	50	100	0.927	9.286	3.175	2	1
	Parnell	15	0.60	38	3	45	0.28	5	0	1	1	25	0.028	0.095	3.175	2	1
28C	Wabek	60	0.60	48	1	45	0.20	2	3	9	50	200	0.242	1.224	1.778	3	3
	Williams	40	0.60	86	1	45	0.28	5	3	9	50	200	0.242	1.224	3.175	3	3
29F	Zahl	45	0.60	86	1	45	0.28	5	9	60	25	200	0.807	24.157	3.175	2	1
	Williams	35	0.60	48	1	45	0.28	5	6	60	25	200	0.463	24.157	3.175	2	1
	Vallers	20	0.60	86	1	45	0.28	5	0	6	25	200	0.053	0.701	3.175	3	1
30	Williams	52	0.60	48	3	45	0.28	5	1	3	100	300	0.125	0.346	3.175	3	3
	Niobell	48	0.60	48	3	45	0.32	3	1	3	100	300	0.125	0.346	1.667	3	3

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Map Symbol	Soil Name	%	Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=	HEL Class	Class
30B	Williams	54	0.60	48	3	45	0.28	5	3	6	100	300	0.278	0.761	3.175	3	3
	Niobell	46	0.60	48	3	45	0.32	3	3	6	100	300	0.278	0.761	1.667	3	3
31	Farnuf	55	0.60	48	3	45	0.28	5	0	3	50	200	0.060	0.319	3.175	3	3
	Alkabo	45	0.60	48	3	45	0.32	3	0	3	50	200	0.060	0.319	1.667	3	3
32B	Noonan	55	0.60	48	1	45	0.32	3	1	6	50	300	0.109	0.761	1.667	3	3
	Niobell	45	0.60	48	1	45	0.32	3	1	6	50	300	0.109	0.761	1.667	3	3
33	Noonan	50	0.60	48	1	45	0.32	3	0	3	50	300	0.060	0.346	1.667	3	3
	Niobell	30	0.60	48	1	45	0.32	3	0	3	50	300	0.060	0.346	1.667	3	3
	Tonka	20	0.60	48	1	45	0.32	5	0	1	50	100	0.109	0.194	2.778	3	3
33B	Noonan	45	0.60	48	1	45	0.32	3	3	6	50	300	0.242	0.761	1.667	3	3
	Niobell	40	0.60	48	1	45	0.32	3	3	6	50	300	0.242	0.761	1.667	3	3
	Tonka	15	0.60	48	1	45	0.32	5	0	1	25	50	0.053	0.109	2.778	3	3
34	Miranda	60	0.60	48	1	45	0.32	3	0	3	25	300	0.053	0.346	1.667	3	3
	Noonan	40	0.60	48	1	45	0.32	3	0	3	25	300	0.053	0.346	1.667	3	3
35E	Miranda	55	0.60	48	1	45	0.32	3	3	15	50	200	0.242	2.671	1.667	2	1
	Zahl	45	0.60	86	1	45	0.28	5	6	25	50	200	0.532	6.146	3.175	2	1
38	Portal	65	0.60	86	1	45	0.20	3	0	3	25	200	0.053	0.319	2.667	3	3
	Lihen	35	0.60	86	1	45	0.24	5	0	3	25	200	0.053	0.319	3.704	3	3
46B	Krem	100	0.60	134	1	45	0.17	5	1	6	50	200	0.109	0.701	5.229	3	3
47	Marysland	100	0.60	86	1	45	0.28	4	0	1	1	50	0.028	0.109	3.175	3	3
50B	Lihen	60	0.60	134	1	45	0.17	5	1	6	50	250	0.109	0.733	5.229	3	3
	Blanchard	40	0.60	134	1	45	0.17	5	1	6	50	250	0.109	0.733	5.229	3	3
52B	Dooley	65	0.60	86	1	45	0.20	5	3	6	50	200	0.242	0.701	4.444	3	3
	Zahl	35	0.60	86	1	45	0.28	5	3	6	50	200	0.242	0.701	3.175	3	3
52C	Dooley	55	0.60	86	1	45	0.20	5	6	9	50	200	0.532	1.224	4.444	3	3
	Zahl	45	0.60	86	1	45	0.28	5	6	9	50	200	0.532	1.224	3.175	3	3
52D	Dooley	45	0.60	86	1	45	0.20	5	9	15	50	200	0.927	2.671	4.444	3	3
	Zahl	30	0.60	86	1	45	0.28	5	9	15	50	200	0.927	2.671	3.175	3	3
	Lihen	25	0.60	134	1	45	0.17	5	9	15	75	250	1.102	4.022	5.229	3	3
54B	Parshall	55	0.60	86	1	45	0.20	5	0	6	50	200	0.060	0.701	4.444	3	3
	Tally	45	0.60	86	1	45	0.20	5	0	6	50	250	0.060	0.733	4.444	3	3
55	Lehr	65	0.60	56	1	45	0.28	3	1	3	50	200	0.109	0.319	1.905	3	3
	Wabek	35	0.60	56	1	45	0.28	2	1	3	50	200	0.109	0.319	1.270	3	3
56B	Appam	75	0.60	86	1	45	0.20	3	1	6	25	175	0.095	0.683	2.667	3	3
	Wabek	25	0.60	86	1	45	0.28	2	1	6	50	200	0.109	0.701	1.270	3	3
56D	Appam	70	0.60	86	1	45	0.20	3	6	15	25	150	0.463	2.521	2.667	3	3
	Wabek	30	0.60	86	1	45	0.28	2	6	15	25	150	0.463	2.521	1.270	2	1
57B	Wabek	65	0.60	86	1	45	0.28	2	1	6	25	150	0.095	0.662	1.270	3	3
	Lehr	45	0.60	48	1	45	0.28	3	1	6	25	150	0.095	0.662	1.905	3	3
57E	Wabek	60	0.60	86	1	45	0.28	2	6	35	25	200	0.463	10.666	1.270	2	1
	Appam	40	0.60	86	1	45	0.20	3	6	35	25	200	0.463	10.666	2.667	2	1
59	Dooley	100	0.60	86	1	45	0.20	5	1	3	25	200	0.095	0.319	4.444	3	3
75	Pits, Gravel	100	0.60	86	1	45	0.24	2	1	60	25	200	0.095	24.157	1.481	2	1
85	Salt flats	100	0.60	48	1	45	0.32	1	0	1	25	300	0.053	0.156	0.556	3	3
86F	Dumps, mine	60	0.60	48	1	45	0.32	5	1	75	25	300	0.095	34.994	2.778	2	1
	Ustorthent	40	0.60	48	1	45	0.32	5	1	75	25	300	0.095	34.994	2.778	2	1