Wells
North Dakota

4/12/1987

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	HEL
Map Symbol	Soil Name	%	Value	Value	Class	Value	Value	Value	Min	Max	Min	Max	Min	Max	8T/RK=		HEL Class	Class
ArA	Arvilla sl	95	0.45	86	1	55	0.20	3	0	3	80	150	0.066	0.324	2.182		3	3
ArB	Arvilla sl	95	0.45	86	1	55	0.20	3	3	6	75	125	0.263	0.752	2.182		3	3
BaC	Barnes l	95	0.45	48	3	55	0.28	5	6	9	35	150	0.398	1.436	2.597		3	3
BaC2	Barnes l, eroded	85	0.45	48	3	55	0.28	5	6	9	35	120	0.398	1.285	2.597		3	3
BbD	Barnes-	70	0.45	48	3	55	0.28	5	9	15	40	90	0.742	2.428	2.597		3	3
	Buse l	10	0.45	86	3	55	0.28	5	9	15	40	90	0.742	2.428	2.597		3	3
Be	Barnes stony l	85	0.45	38	3	55	0.28	5	5	10	50	100	0.378	1.369	2.597		3	3
BnA	Barnes-	60	0.45	48	3	55	0.28	5	0	3	20	50	0.050	0.233	2.597		3	3
	Svea l	25	0.45	48	3	55	0.28	5	0	3	20	50	0.050	0.233	2.597		3	3
BnB	Barnes-	70	0.45	48	3	55	0.28	5	3	6	25	90	0.189	0.638	2.597		3	3
	Svea l	20	0.45	48	3	55	0.28	5	3	6	25	90	0.189	0.638	2.597		3	3
Bp	Bearden-	60	0.45	86	3	55	0.28	5	0	1	50	75	0.060	0.118	2.597		3	3
	Perella sil	30	0.45	56	3	55	0.28	5	0	1	50	75	0.060	0.118	2.597		3	3
Br	Benoit l	95	0.45	86	1	55	0.28	4	0	1	10	40	0.044	0.098	2.078		3	3
Bt	Benoit l, very poorly drained	90	0.45	38	3	55	0.28	4	0	1	5	15	0.038	0.073	2.078		3	3
Bu	Borup l	95	0.45	86	3	55	0.28	5	0	1	5	25	0.038	0.085	2.597		3	3
BvE	Buse-	60	0.45	86	3	55	0.28	5	12	20	275	450	2.991	8.652	2.597		1	1
	Barnes l	30	0.45	48	3	55	0.28	5	12	20	275	450	2.991	8.652	2.597		1	1
Ca	Colvin-	40	0.45	86	3	55	0.32	5	0	2	15	50	0.047	0.163	2.273		3	3
	Lamoure complex	40	0.45	86	3	55	0.28	5	0	2	15	50	0.047	0.163	2.597		3	3
Cp	Colvin and	50	0.45	86	3	55	0.32	5	0	2	30	60	0.054	0.172	2.273		3	3
	LaPrairie soils	50	0.45	86	3	55	0.28	5	0	2	30	60	0.054	0.172	2.597		3	3
Cs	Colvin soils, vver poorly drained	95	0.45	86	3	55	0.32	5	0	1	10	40	0.044	0.098	2.273		3	3
Dc	Dimmick c	95	0.45	86	3	55	0.28	5	0	1	10	25	0.044	0.085	2.597		3	3
Dd	Divide l	95	0.45	86	1	55	0.28	4	0	3	15	75	0.047	0.263	2.078		3	3
EdC	Egeland fsl, till sub.	90	0.45	86	3	55	0.20	5	6	9	25	75	0.336	1.016	3.636		3	3
EeB	Egeland-	75	0.45	86	3	55	0.20	5	3	6	25	75	0.189	0.582	3.636		3	3
	Embden fsl	25	0.45	86	3	55	0.20	5	3	6	25	75	0.189	0.582	3.636		3	3
EfB	Egeland-	65	0.45	86	3	55	0.20	5	3	6	30	75	0.200	0.582	3.636		3	3
	Embden fsl, till sub.	35	0.45	86	3	55	0.20	5	3	6	30	75	0.200	0.582	3.636		3	3
EgA	Embden-	50	0.45	86	3	55	0.20	5	0	3	20	50	0.050	0.233	3.636		3	3
	Egeland fsl	50	0.45	86	3	55	0.20	5	0	3	20	50	0.050	0.233	3.636		3	3
ElA	Embden-	50	0.45	86	3	55	0.20	5	0	3	15	30	0.047	0.200	3.636		3	3
	Egeland fsl, till sub.	50	0.45	86	3	55	0.20	5	0	3	15	30	0.047	0.200	3.636		3	3
Em	Emrick-	40	0.45	56	3	55	0.28	5	0	3	15	40	0.047	0.218	2.597		3	3
	Larson l	25	0.45	56	1	55	0.32	3	0	3	15	40	0.047	0.218	1.364		3	3
Er	Eroded sandy land	60	0.45	134	1	55	0.15	5	0	4	5	30	0.038	0.247	4.848		3	3
Ex	Exline soils	90	0.45	48	3	55	0.28	3	0	1	15	50	0.047	0.105	1.558		3	3
Fa	Fargo-	75	0.45	48	3	55	0.32	5	0	3	25	75	0.053	0.263	2.273		3	3
	Aberdeen complex	25	0.45	38	1	55	0.32	3	0	3	25	75	0.053	0.263	1.364		3	3
Fc	Fargo sic	95	0.45	86	3	55	0.32	5	0	1	25	75	0.053	0.118	2.273		3	3
FoA	Forman cl	95	0.45	86	3	55	0.28	5	0	3	25	75	0.053	0.263	2.597		3	3
FoB	Forman cl	95	0.45	86	3	55	0.28	5	3	6	15	65	0.162	0.542	2.597		3	3
Fr	Fram l	65	0.45	86	3	55	0.28	5	0	3	10	30	0.044	0.200	2.597		3	3
Ge	Gardena-	55	0.45	56	3	55	0.28	5	0	3	25	75	0.053	0.263	2.597		3	3
	Eckman l	40	0.45	56	3	55	0.28	5	0	3	25	75	0.053	0.263	2.597		3	3
Ha	Hamerly l	95	0.45	86	3	55	0.28	5	0	3	15	50	0.047	0.233	2.597		3	3

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			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
Hd	Hecla-	60	0.45	134	1	55	0.17	5	0	3	25	65	0.053	0.252	4.278	3	3
	Maddock lfs	40	0.45	134	1	55	0.17	5	0	3	25	65	0.053	0.252	4.278	3	3
HeA	Heimdal-	65	0.45	56	3	55	0.28	5	0	3	20	50	0.050	0.233	2.597	3	3
	Emrick l	25	0.45	56	3	55	0.28	5	0	3	20	50	0.050	0.233	2.597	3	3
HeB	Heimdal-	70	0.45	56	3	55	0.28	5	3	6	20	95	0.177	0.655	2.597	3	3
	Emrick l	20	0.45	56	3	55	0.28	5	3	6	20	95	0.177	0.655	2.597	3	3
HlB	Heimdal-	40	0.45	56	3	55	0.28	5	3	6	25	75	0.189	0.582	2.597	3	3
	Larson l	20	0.45	56	1	55	0.32	3	3	6	25	75	0.189	0.582	1.364	3	3
LaA	LaDelle sil	95	0.45	56	3	55	0.28	5	0	3	25	95	0.053	0.282	2.597	3	3
LaB	LaDelle sil	95	0.45	56	3	55	0.28	5	0	3	25	95	0.053	0.282	2.597	3	3
Ld	Lamoure and	40	0.45	86	3	55	0.28	5	0	2	25	75	0.053	0.184	2.597	3	3
	Divide soils, channeled	40	0.45	86	1	55	0.28	4	0	2	25	75	0.053	0.184	2.078	3	3
Le	Lamoure-	85	0.45	86	3	55	0.28	5	0	3	25	75	0.053	0.263	2.597	3	3
	Exline complex	15	0.45	48	3	55	0.29	3	0	3	25	75	0.053	0.263	1.505	3	3
LhB	Larson-	60	0.45	56	1	55	0.32	3	3	6	15	60	0.162	0.521	1.364	3	3
	Heimdal l	25	0.45	56	3	55	0.28	5	3	6	15	60	0.162	0.521	2.597	3	3
Lm	Larson-	50	0.45	56	1	55	0.32	3	0	3	15	50	0.047	0.233	1.364	3	3
	Miranda complex	25	0.45	56	1	55	0.32	3	0	3	15	50	0.047	0.233	1.364	3	3
Ln	Letcher fsl	95	0.45	86	1	55	0.24	3	0	3	15	50	0.047	0.233	1.818	3	3
Lo	Loamy lake beaches	95	0.45	86	3	55	0.32	5	1	9	10	30	0.065	0.642	2.273	3	3
Mr	Miranda-	60	0.45	56	1	55	0.32	3	0	3	15	30	0.047	0.200	1.364	3	3
	Larson complex	30	0.45	48	3	55	0.32	3	0	3	15	30	0.047	0.200	1.364	3	3
Nu	Nutley sic	95	0.45	86	3	55	0.28	5	0	3	5	25	0.038	0.189	2.597	3	3
Ov	Overly sicl	95	0.45	48	3	55	0.32	5	0	1	15	50	0.047	0.105	2.273	3	3
Pa	Parnell sicl	90	0.45	48	3	55	0.28	5	0	1	5	15	0.038	0.073	2.597	3	3
Pd			0.45	0	0	55											0
ReA	Renshaw l	90	0.45	56	1	55	0.28	3	0	3	20	50	0.050	0.233	1.558	3	3
ReB	Renshaw l	90	0.45	56	1	55	0.28	3	3	6	25	90	0.189	0.638	1.558	3	3
Sa	Saline land	90	0.45	86	3	55	0.32	5	0	1	5	15	0.038	0.073	2.273	3	3
So	Sioux-	60	0.45	86	1	55	0.24	2	1	9	50	150	0.105	1.436	1.212	2	3
	Arvilla sl	40	0.45	86	1	55	0.20	3	1	9	50	150	0.105	1.436	2.182	3	3
Sr	Sioux-	60	0.45	86	1	55	0.24	2	4	15	35	120	0.263	2.804	1.212	2	1
	Barnes complex, stony	30	0.45	48	3	55	0.28	5	4	15	35	120	0.263	2.804	2.597	2	3
St	Stony alluvial land		0.45	0	0	55											0
To	Tonka sil	90	0.45	48	3	55	0.32	5	0	1	5	15	0.038	0.073	2.273	3	3
Uh	Ulen and	50	0.45	86	3	55	0.17	5	0	1	25	75	0.053	0.118	3.422	3	3
	Hamar fsl	50	0.45	86	3	55	0.17	5	0	1	25	75	0.053	0.118	4.278	3	3
Va	Vallers l	90	0.45	86	3	55	0.28	5	0	1	25	75	0.053	0.118	2.597	3	3