

Bowman  
North Dakota

Revised 7/15/87

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	
Ad Alluvial		100	0.60	86	1	45	0.37	3	1		3 50	200	0.105	0.353	1.441	3	3
Ae Alluvial		100	0.60	86	1	45	0.37	3	1		3 50	200	0.105	0.353	1.441	3	3
Af Alluvial		100	0.60	86	1	45	0.32	5	1		3 50	200	0.105	0.353	2.778	3	3
Ag Amor		100	0.60	48	3	45	0.28	4	6		9 50	300	0.475	2.031	2.540	3	3
AID Amor		75	0.60	48	1	45	0.28	4	9		15 50	300	0.829	4.433	2.540	2	1
Cabba		25	0.60	86	3	45	0.37	2	9		15 75	150	1.016	3.135	0.961	1	1
AmA Amor		70	0.60	48	3	45	0.28	4	1		3 100	400	0.129	0.435	2.540	3	3
Shambo		30	0.60	48	3	45	0.28	5	1		3 100	500	0.129	0.465	3.175	3	3
AmB Amor		70	0.60	48	3	45	0.28	4	3		6 100	300	0.287	1.164	2.540	3	3
Shambo		30	0.60	48	3	45	0.28	5	3		6 100	500	0.287	1.503	3.175	3	3
ArA Arnegard		100	0.60	48	3	45	0.28	5	1		3 50	700	0.105	0.514	3.175	3	3
ArB Arnegard		100	0.60	48	3	45	0.28	5	3		6 50	500	0.233	1.503	3.175	3	3
Ba Badland		100	0.60	86	1	45	0.37	2	3		50 50	200	0.233	25.206	0.961	2	1
Bb Barren Badland		100	0.60	86	1	45	0.37	2	15		80 50	200	1.810	47.203	0.961	1	1
BeA Belfield		100	0.60	48	1	45	0.32	3	1		3 50	700	0.105	0.514	1.667	3	3
BeB Belfield		100	0.60	48	1	45	0.32	3	3		6 50	400	0.233	1.344	1.667	3	3
BfA Belfield		100	0.60	38	1	45	0.32	3	1		3 50	700	0.105	0.514	1.667	3	3
BfB Belfield		100	0.60	38	1	45	0.32	3	3		6 50	400	0.233	1.344	1.667	3	3
Bh Blown-out land		100	0.60	134	1	45	0.17	3	3		10 25	100	0.189	1.369	3.137	3	3
Bk Blown-out land		40	0.60	134	1	45	0.17	3	1		9 25	100	0.065	1.173	3.137	3	3
Ladner		44	0.60	134	1	45	0.17	3	1		9 25	100	0.065	1.173	3.137	3	3
Ekalaka		16	0.60	134	1	45	0.24	3	1		9 25	100	0.065	1.173	2.222	3	3
BoC Boxwell		100	0.60	48	3	45	0.32	4	6		9 50	275	0.475	1.945	2.222	3	3
BrD Boxwell		70	0.60	48	1	45	0.32	4	9		12 50	300	0.829	3.124	2.222	2	1
Cabbart		30	0.60	86	1	45	0.37	2	9		12 75	150	1.106	2.209	0.961	1	1
BtB Boxwell		70	0.60	48	3	45	0.32	4	1		6 50	300	0.105	1.164	2.222	3	3
Kremlin		30	0.60	48	3	45	0.32	5	1		6 100	300	0.129	1.164	2.778	3	3
BuD Brandenburg		40	0.60	48	1	45	0.24	2	3		40 25	100	0.189	12.652	1.481	2	1
Cabba		60	0.60	86	1	45	0.37	2	3		40 50	200	0.233	17.893	0.961	2	1
CaC Cabba		60	0.60	86	1	45	0.37	2	6		9 50	400	0.475	2.346	0.961	2	1
CaE Cabba		65	0.60	86	1	45	0.37	2	9		40 75	250	1.016	20.005	0.961	1	1
CbC Cabba		50	0.60	86	1	45	0.37	2	6		9 50	400	0.475	2.346	0.961	2	3
Amor		50	0.60	48	1	45	0.32	4	6		9 50	300	0.475	2.031	2.222	3	3
CbD Cabba		55	0.60	86	1	45	0.37	2	9		15 75	300	1.016	4.433	0.961	1	1
Amor		45	0.60	48	1	45	0.28	4	9		15 50	200	0.829	3.620	2.540	2	1
Cd Cabba		50	0.60	86	1	45	0.37	2	15		40 25	200	1.280	17.893	0.961	1	1
Wayden		20	0.60	86	1	45	0.32	2	15		40 25	150	1.280	15.496	1.111	1	1
Shale		15	0.60	86	1	45	0.37	2	15		40 25	50	1.280	8.947	0.961	1	1
Ce Cabba		50	0.60	86	1	45	0.37	2	9		15 75	200	1.016	3.620	0.961	1	1
Wayden		50	0.60	86	1	45	0.32	2	9		15 75	200	1.016	3.620	1.111	2	1
CgC Cabbart		60	0.60	86	1	45	0.37	2	6		9 175	300	0.889	2.031	0.961	2	1
Boxwell		40	0.60	48	1	45	0.32	4	3		9 50	300	0.233	2.031	2.222	3	1
CgD Cabbart		60	0.60	86	1	45	0.37	2	9		15 75	100	1.016	2.559	0.961	1	1
Boxwell		40	0.60	48	1	45	0.32	4	9		15 50	300	0.829	4.433	2.222	2	1
ChE Cabbart		65	0.60	86	1	45	0.37	2	9		40 75	250	1.016	20.005	0.961	1	1
Ck Cabbart		60	0.60	86	1	45	0.37	2	10		50 75	200	1.185	25.206	0.961	1	1
Yawdia		20	0.60	86	1	45	0.32	2	10		50 75	200	1.185	25.206	1.111	1	1

Bowman  
North Dakota

Revised 7/15/87

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=	HEL Class	Class				
	Shale	15	0.60	86	1	45	0.37	2	10	50	75	200	1.185	25.206	0.961	1	1				
	CmA Chama	50	0.60	86	1	45	0.32	4	1	3	100	400	0.129	0.435	2.222	3	3				
	Morton	50	0.60	48	1	45	0.32	4	1	3	100	400	0.129	0.435	2.222	3	3				
	CmB Chama	50	0.60	86	1	45	0.32	4	3	6	100	400	0.287	1.344	2.222	3	3				
	Morton	50	0.60	48	1	45	0.32	4	3	6	100	400	0.287	1.344	2.222	3	3				
	CnC Chama	34	0.60	86	1	45	0.32	4	6	12	100	400	0.672	3.607	2.222	2	1				
	Morton	33	0.60	48	1	45	0.32	4	6	12	100	400	0.672	3.607	2.222	2	1				
	Cabba	33	0.60	86	1	45	0.37	2	6	12	25	100	0.336	1.804	0.961	2	1				
	CoA Chanta	90	0.60	48	3	45	0.28	4	1	3	50	200	0.105	0.353	2.540	3	3				
	CoB Chanta	85	0.60	48	3	45	0.28	4	3	6	50	200	0.233	0.951	2.540	3	3				
	CrA Cherry	90	0.60	38	3	45	0.37	5	1	3	50	600	0.105	0.491	2.402	3	3				
	CrB Cherry	90	0.60	38	3	45	0.37	5	3	6	50	700	0.233	1.778	2.402	3	3				
	CrC Cherry	100	0.60	38	3	45	0.37	5	6	9	50	500	0.475	2.623	2.402	2	3				
	DaB Daglum	90	0.60	86	1	45	0.32	3	3	6	50	300	0.233	1.164	1.667	3	3				
	DdA Daglum	60	0.60	48	1	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3				
	Rhoades	20	0.60	48	1	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3				
	DIC Dilts	50	0.60	86	1	45	0.32	3	3	9	50	300	0.233	2.031	1.667	2	3				
	Lisam	50	0.60	86	1	45	0.32	2	3	9	50	300	0.233	2.031	1.111	2	3				
	DIE Dilts	50	0.60	86	1	45	0.32	3	3	20	25	150	0.189	4.995	1.667	2	1				
	Lisam	50	0.60	86	1	45	0.32	2	3	20	25	150	0.189	4.995	1.111	2	1				
	EdB Ekalaka	70	0.60	86	1	45	0.24	3	1	6	50	300	0.105	1.164	2.222	3	3				
	Ladner	30	0.60	68	1	45	0.20	4	1	6	50	400	0.105	1.344	3.556	3	3				
	EIC Ekalaka	60	0.60	86	1	45	0.24	3	6	12	50	200	0.475	2.551	2.222	2	3				
	Ladner	40	0.60	86	1	45	0.17	3	6	12	50	100	0.475	1.804	3.137	3	3				
	EmB Ekalaka	55	0.60	134	1	45	0.24	3	1	6	50	300	0.105	1.164	2.222	3	3				
	Zeona	20	0.60	134	1	45	0.17	5	1	6	25	50	0.085	0.475	5.229	3	3				
	Ladner	15	0.60	134	1	45	0.17	3	1	6	25	100	0.085	0.672	3.137	3	3				
	FaE Flasher	100	0.60	134	1	45	0.17	2	15	40	25	200	1.280	17.893	2.092	2	1				
	FhD Flasher	65	0.60	134	1	45	0.17	2	3	15	25	200	0.189	3.620	2.092	2	3				
	Vebar	35	0.60	86	1	45	0.20	4	3	15	50	300	0.233	4.433	3.556	2	3				
	Fn Flasher	50	0.60	134	1	45	0.17	2	1	20	25	200	0.085	5.768	2.092	2	1				
	Vebar	50	0.60	86	1	45	0.20	4	1	20	50	300	0.105	7.064	3.556	2	1				
	FnD Fleak	55	0.60	134	1	45	0.17	2	3	15	25	250	0.189	4.047	2.092	2	3				
	Rhame	45	0.60	86	1	45	0.20	4	3	15	50	350	0.233	4.788	3.556	2	3				
	FoE Fleak	70	0.60	134	1	45	0.17	2	15	40	60	200	1.983	17.893	2.092	2	1				
	FtE Fleak	60	0.60	134	1	45	0.17	2	15	40	100	200	2.559	17.893	2.092	1	1				
	Tusler	40	0.60	134	1	45	0.17	3	15	25	50	250	1.810	9.313	3.137	2	1				
	GdA Glendive	100	0.60	86	1	45	0.20	5	1	3	25	100	0.085	0.287	4.444	3	3				
	GdB Glendive	100	0.60	86	1	45	0.20	5	3	6	50	200	0.233	0.951	4.444	3	3				
	GeA Grail	100	0.60	48	3	45	0.32	5	1	3	50	700	0.105	0.514	2.778	3	3				
	GeB Grail	100	0.60	48	3	45	0.32	5	3	9	50	450	0.233	2.488	2.778	3	3				
	GIA Grail	100	0.60	38	3	45	0.32	5	1	3	50	700	0.105	0.514	2.778	3	3				
	GIB Grail	100	0.60	38	3	45	0.32	5	3	6	50	500	0.233	1.503	2.778	3	3				
	Gm	100	0.60	38	3	45	0.32	5	1	3	50	700	0.105	0.514	2.778	3	3				
	GoA Grail	70	0.60	38	3	45	0.32	3	1	3	50	700	0.105	0.514	1.667	3	3				
	Rhoades	20	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3				
	GoB Grail	70	0.60	38	3	45	0.32	5	3	6	50	500	0.233	1.503	2.778	3	3				

Bowman  
North Dakota

Revised 7/15/87

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	
	Rhoades	30	0.60	48	3	45	0.32	3	3	6	50	100	0.233	0.672	1.667	3	3
	Gp Gravel pits	100	0.60	48	1	45	0.37	1	1	6	75	150	0.118	0.823	0.480	2	1
	Ha Hanly	100	0.60	134	1	45	0.17	5	1	6	25	100	0.065	0.672	5.229	3	3
	Hc Hanly	100	0.60	134	1	45	0.17	5	1	6	25	75	0.065	0.582	5.229	3	3
	He Havre	100	0.60	86	1	45	0.37	5	1	3	25	100	0.065	0.287	2.402	3	3
	Hm Havre	100	0.60	86	1	45	0.32	5	1	3	25	100	0.065	0.287	2.857	3	3
	Kc Korchea	100	0.60	48	3	45	0.28	5	1	3	50	300	0.105	0.399	2.857	3	3
	Ka Korchea	100	0.60	38	3	45	0.28	5	1	3	25	100	0.065	0.287	2.857	3	3
	Kh Korchea	60	0.60	86	3	45	0.28	5	1	6	25	150	0.065	0.823	2.857	3	3
	Havre	25	0.60	86	3	45	0.37	5	1	6	25	150	0.065	0.823	2.162	3	3
	Km Korchea	55	0.60	86	3	45	0.28	5	1	3	50	300	0.105	0.399	2.500	3	3
	Straw	30	0.60	48	3	45	0.32	5	1	3	50	300	0.105	0.399	2.500	3	3
	Kn Korchea	50	0.60	48	3	45	0.28	5	1	6	25	150	0.085	0.823	2.857	3	3
	Havre	50	0.60	86	3	45	0.37	5	1	6	25	150	0.085	0.823	2.162	3	3
	Ko Korchea	50	0.60	48	3	45	0.28	5	1	6	25	150	0.085	0.823	2.857	3	3
	Straw	50	0.60	48	3	45	0.32	5	1	3	25	150	0.085	0.324	2.500	3	3
	KrA Kremlin	100	0.60	48	3	45	0.37	5	1	3	100	400	0.129	0.435	2.162	3	3
	KrB Kremlin	100	0.60	48	3	45	0.37	5	3	6	100	300	0.287	1.164	2.162	3	3
	KsA Kremlin	33	0.60	48	1	45	0.37	5	1	6	100	400	0.129	1.344	2.162	3	3
	Belfield	33	0.60	48	1	45	0.32	3	1	6	50	400	0.105	1.344	1.500	3	3
	Rhoades	33	0.60	48	1	45	0.32	3	1	6	50	200	0.105	0.951	1.500	3	3
	La Lawther	100	0.60	86	1	45	0.32	5	1	3	50	700	0.105	0.514	2.778	3	3
	Lc Lawther	65	0.60	86	1	45	0.32	5	1	3	50	700	0.105	0.514	2.778	3	3
	Rhoades	30	0.60	86	1	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3
	LeB Lefor	60	0.60	86	1	45	0.20	4	1	6	100	300	0.129	1.164	3.556	3	3
	Vebar	25	0.60	86	1	45	0.20	4	1	6	100	300	0.129	1.164	3.556	3	3
	LeC Lefor	55	0.60	86	1	45	0.20	4	6	9	50	200	0.475	1.659	3.556	3	3
	Vebar	30	0.60	86	1	45	0.20	4	6	9	50	200	0.475	1.659	3.556	3	3
	LmC Lehr	34	0.60	56	1	45	0.20	3	6	9	50	200	0.475	1.659	2.667	3	3
	Manning	33	0.60	86	1	45	0.20	4	6	9	50	200	0.475	1.659	3.556	3	3
	Wabek	33	0.60	56	1	45	0.28	2	6	9	25	100	0.336	1.173	1.270	3	3
	MaA Manning	90	0.60	86	1	45	0.20	4	1	3	50	200	0.105	0.353	3.556	3	3
	MaB Manning	90	0.60	86	1	45	0.20	4	3	6	50	200	0.233	0.951	3.556	3	3
	MeB Marmarth	90	0.60	48	3	45	0.28	4	1	6	100	400	0.129	1.344	2.540	3	3
	MgC Marmarth	70	0.60	48	1	45	0.28	4	6	9	50	300	0.475	2.031	2.540	3	3
	Cabbart	30	0.60	86	1	45	0.37	2	6	9	50	100	0.475	1.173	0.951	2	3
	MhB Marmarth	65	0.60	86	1	45	0.20	4	1	6	100	400	0.129	1.344	3.556	3	3
	Rhame	35	0.60	86	1	45	0.20	4	1	6	100	400	0.129	1.344	3.556	3	3
	MhC Marmarth	65	0.60	86	1	45	0.20	4	6	9	50	300	0.475	2.031	3.556	3	3
	Rhame	35	0.60	86	1	45	0.20	4	6	9	50	300	0.475	2.031	3.556	3	3
	MkA Marmarth	70	0.60	48	3	45	0.28	4	1	3	100	400	0.129	0.435	2.540	3	3
	Rhoades	20	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3
	MkB Marmarth	70	0.60	48	3	45	0.28	4	3	6	100	400	0.287	1.344	2.540	3	3
	Rhoades	20	0.60	48	3	45	0.32	3	3	6	50	100	0.233	0.672	1.667	3	3
	MkC Marmarth	60	0.60	48	3	45	0.28	4	6	9	50	300	0.475	2.031	2.540	3	3
	Rhoades	25	0.60	48	3	45	0.32	3	6	9	25	100	0.336	1.173	1.667	3	3
	Mn Marmarth	50	0.60	48	3	45	0.28	4	1	9	50	250	0.105	1.854	2.540	3	3

Bowman  
North Dakota

Revised 7/15/87

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		
	Boxwell	50	0.60	48	3	45	0.32	4	1	9	50	250	0.105	1.854	2.222	3	3	
	Mn McKenzie	100	0.60	86	1	45	0.28	5	1	3	25	100	0.065	0.287	3.175	3	3	
	Mo McKenzie	50	0.60	86	1	45	0.28	5	1	3	25	100	0.065	0.287	3.175	3	3	
	Heil	50	0.60	86	1	45	0.28	3	1	3	25	100	0.065	0.287	1.905	3	3	
	Mp Mine dumps	100	0.60	86	1	45	0.37	2	1	20	25	100	0.065	4.078	0.951	2	1	
	MrA Moreau	90	0.60	86	1	45	0.32	4	1	3	50	500	0.105	0.465	2.222	3	3	
	MrB Moreau	90	0.60	86	1	45	0.32	4	3	6	50	500	0.233	1.503	2.222	3	3	
	MwC Moreau	65	0.60	86	1	45	0.32	4	6	9	50	300	0.475	2.031	2.222	3	3	
	Wayden	35	0.60	86	1	45	0.32	2	6	9	50	250	0.475	1.854	1.111	2	3	
	Ob Oburn	75	0.60	48	3	45	0.49	5	1	3	50	200	0.105	0.353	1.814	3	3	
	PaA Parshall	90	0.60	86	1	45	0.20	5	1	3	50	300	0.105	0.399	4.444	3	3	
	PeB Patent	90	0.60	86	1	45	0.32	5	3	6	50	700	0.233	1.778	2.778	3	3	
	PeC Patent	90	0.60	86	1	45	0.32	5	6	9	50	400	0.475	2.346	2.778	3	3	
	RcC Reeder	85	0.60	48	1	45	0.28	4	6	9	50	300	0.475	2.031	2.540	3	3	
	Cabba	15	0.60	86	1	45	0.37	2	6	9	175	200	0.889	1.659	0.951	2	3	
	RdA Reeder	70	0.60	48	3	45	0.28	4	1	3	100	400	0.129	0.435	2.540	3	3	
	Rhoades	20	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3	
	RdB Reeder	70	0.60	48	3	45	0.28	4	3	6	100	400	0.287	1.344	2.540	3	3	
	Rhoades	20	0.60	48	3	45	0.32	3	3	6	50	100	0.233	0.672	1.667	3	3	
	RdC Reeder	65	0.60	48	3	45	0.28	4	6	9	50	300	0.475	2.031	2.540	3	3	
	Rhoades	20	0.60	48	3	45	0.32	3	6	9	25	100	0.336	1.173	1.667	3	3	
	ReA Reeder	55	0.60	48	3	45	0.28	4	1	3	100	400	0.129	0.435	2.540	3	3	
	Shambo	30	0.60	48	3	45	0.28	5	1	3	100	500	0.129	0.465	3.175	3	3	
	ReB Reeder	60	0.60	48	3	45	0.28	4	3	6	100	300	0.287	1.164	2.540	3	3	
	Shambo	25	0.60	48	3	45	0.28	5	3	6	100	500	0.287	1.503	3.175	3	3	
	Rf Reeder	50	0.60	48	3	45	0.28	4	1	9	50	350	0.105	2.194	2.540	3	3	
	Amor	50	0.60	48	3	45	0.28	4	1	9	50	350	0.105	2.194	2.540	3	3	
	Rg Regan	90	0.60	86	1	45	0.32	5	1	3	50	200	0.105	0.353	2.778	3	3	
	RhA Regent	90	0.60	38	3	45	0.32	4	1	3	50	500	0.105	0.465	2.222	3	3	
	RhB Regent	90	0.60	38	3	45	0.32	4	3	6	50	500	0.233	1.503	2.222	3	3	
	RkC Regent	70	0.60	38	3	45	0.32	4	6	9	50	275	0.475	1.945	2.222	3	3	
	Moreau	30	0.60	86	3	45	0.32	4	6	6	50	275	0.475	1.945	2.222	3	3	
	RIB Regent	55	0.60	38	1	45	0.32	4	3	3	50	500	0.233	1.503	2.222	3	3	
	Moreau	30	0.60	86	1	45	0.32	4	3	3	50	500	0.233	1.503	2.222	3	3	
	Rhoades	15	0.60	48	1	45	0.32	3	3	3	50	10	0.233	0.672	1.667	3	3	
	RmA Regent	70	0.60	38	3	45	0.32	3	1	3	50	500	0.105	0.465	1.667	3	3	
	Rhoades	20	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3	
	RnB Rhame	90	0.60	86	1	45	0.20	4	3	6	100	400	0.287	1.344	3.556	3	3	
	RoC Rhame	65	0.60	86	1	45	0.20	4	6	6	50	300	0.475	2.031	3.556	3	3	
	Fleak	20	0.60	134	1	45	0.17	2	6	6	9	200	0.336	1.659	2.092	3	3	
	RoD Rhame	65	0.60	86	1	45	0.20	4	9	9	12	50	300	0.829	3.124	3.556	3	3
	Fleak	35	0.60	86	1	45	0.17	2	9	9	12	25	200	0.586	2.551	2.092	2	3
	RrA Rhoades	45	0.60	48	1	45	0.32	3	1	3	25	100	0.085	0.287	1.667	3	3	
	Absher	20	0.60	48	1	45	0.32	3	1	3	25	100	0.085	0.287	1.667	3	3	
	RrB Rhoades	40	0.60	48	1	45	0.32	3	3	3	25	100	0.189	0.672	1.667	3	3	
	Absher	20	0.60	48	1	45	0.32	3	3	3	25	100	0.189	0.672	1.667	3	3	
	Rt Rhoades	60	0.60	48	1	45	0.32	3	1	3	25	100	0.085	0.672	1.667	3	3	

Bowman  
North Dakota

Revised 7/15/87

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 HEL Class	Water HEL Class		
									Min	Max	Min	Max	Min	Max			8T/RK=	
Rw	Riverwash	100	0.60	134	3	45	0.17	5	1	6	25	100	0.085	0.672	5.229	3	3	
SaA	Savage	90	0.60	38	3	45	0.37	5	1	3	50	700	0.105	0.514	2.402	3	3	
ScA	Savage	70	0.60	38	3	45	0.37	5	1	3	50	700	0.105	0.514	2.402	3	3	
	Rhoades	25	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3	
SeB	Searing	100	0.60	48	3	45	0.28	4	3	6	100	400	0.287	1.344	2.540	3	3	
SeC	Searing	90	0.60	48	3	45	0.28	4	6	9	50	300	0.475	2.031	2.540	3	3	
Sg	Shambo	50	0.60	86	1	45	0.32	5	3	9	300	600	0.399	0.287	2.778	2	1	
	Gullied land	50	0.60	86	1	45	0.37	1	5	9	150	300	0.655	2.031	0.480	1	1	
ShA	Shambo	90	0.60	48	3	45	0.28	5	1	3	100	500	0.129	0.465	3.175	3	3	
ShB	Shambo	90	0.60	48	3	45	0.28	5	3	6	100	500	0.287	1.503	3.175	3	3	
SIA	Shambo	45	0.60	48	3	45	0.28	5	1	3	100	500	0.129	0.465	3.175	3	3	
	Arnegard	30	0.60	48	3	45	0.28	5	1	3	50	700	0.105	0.514	3.175	3	3	
SIB	Shambo	55	0.60	48	3	45	0.28	5	3	6	100	500	0.287	1.503	3.175	3	3	
	Arnegard	20	0.60	48	3	45	0.28	5	3	6	50	500	0.233	1.503	36.175	3	3	
SmA	Shambo	60	0.60	48	3	45	0.28	5	1	3	100	500	0.129	0.465	3.175	3	3	
	Belfield	25	0.60	48	3	45	0.32	3	1	3	50	700	0.105	0.514	1.667	3	3	
	Rhoades	15	0.60	48	3	45	0.32	3	1	3	50	200	0.105	0.353	1.667	3	3	
SnA	Stady	90	0.60	48	3	45	0.28	4	1	3	50	200	0.105	0.353	2.540	3	3	
SrB	Stady	70	0.60	48	1	45	0.28	4	3	6	50	200	0.233	0.951	2.540	3	3	
	Lehr	15	0.60	56	1	45	0.28	3	3	6	50	200	0.233	0.951	1.905	3	3	
SsA	Stady	60	0.60	48	3	45	0.28	4	1	3	50	200	0.105	0.353	2.540	3	3	
	Shambo	25	0.60	48	3	45	0.28	5	1	3	50	200	0.105	0.353	3.175	3	3	
TaB	Tally	90	0.60	86	1	45	0.20	5	3	6	50	300	0.233	1.164	4.444	3	3	
TaC	Tally	90	0.60	86	1	45	0.20	5	6	9	50	200	0.475	1.659	4.444	3	3	
TdA	Tally	65	0.60	86	1	45	0.20	5	1	3	50	300	0.105	0.399	4.444	3	3	
	parshall	20	0.60	86	1	45	0.20	5	1	3	50	300	0.105	0.399	4.444	3	3	
Te	Telfer	90	0.60	134	1	45	0.17	5	3	6	50	300	0.233	1.164	5.229	3	3	
TfC	Telfer	60	0.60	134	1	45	0.17	5	6	9	50	200	0.475	1.659	5.229	3	3	
	Flasher	20	0.60	134	1	45	0.17	2	6	6	25	100	0.336	1.173	2.092	3	3	
ToA	Toby	90	0.60	86	1	45	0.24	5	1	3	100	400	0.129	0.435	3.704	3	3	
ToB	Toby	90	0.60	86	1	45	0.24	5	3	6	100	400	0.287	1.344	3.704	3	3	
ToC	Toby	90	0.60	86	1	45	0.24	5	6	6	50	300	0.475	2.031	3.704	3	3	
TrA	Toby	90	0.60	56	1	45	0.24	5	1	3	100	400	0.129	0.435	3.704	3	3	
VfC	Vebar	66	0.60	86	1	45	0.20	4	6	9	50	300	0.475	2.031	3.556	3	3	
	Flasher	16	0.60	86	1	45	0.17	2	6	6	25	200	0.336	1.659	2.092	3	3	
VfD	Vebar	60	0.60	86	1	45	0.20	4	9	9	12	50	300	0.829	3.124	3.556	3	3
	Flasher	40	0.60	56	1	45	0.17	2	9	9	25	200	0.586	2.551	2.092	2	3	
VtB	Vebar	70	0.60	86	1	45	0.20	4	3	6	50	300	0.233	1.164	3.556	3	3	
	Tally	30	0.60	86	1	45	0.20	5	3	6	50	300	0.233	1.164	4.444	3	3	
Vv	Velva	90	0.60	86	1	45	0.20	5	1	3	25	100	0.085	0.287	4.444	3	3	
Wa	Wabek	45	0.60	56	1	45	0.28	2	3	6	25	100	0.189	4.078	1.270	2	1	
Wm	Watrous	90	0.60	48	3	45	0.28	4	1	6	100	400	0.129	1.344	2.540	3	3	
WoC	Wayden	60	0.60	86	1	45	0.32	2	6	6	50	250	0.475	1.854	1.111	2	3	
	Moreau	40	0.60	86	1	45	0.32	4	6	6	50	300	0.475	2.031	2.222	3	3	
Wp	Wolf Point	90	0.60	86	1	45	0.37	5	1	6	100	400	0.129	0.435	2.402	3	3	
YaC	Yawdin	90	0.60	86	1	45	0.32	2	6	6	50	300	0.475	2.031	1.111	2	1	
Zd	Zeona	90	0.60	134	1	45	0.17	5	2	6	25	50	0.132	1.275	5.229	3	3	

Bowman  
North Dakota

Revised 7/15/87

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							Water HEL Class	Revised Water HEL Class			
			C Value	I Value	HEL Class	R Value	K Value	T Value	Slope- -Percent		Slope- -Length		LS- -Value			8T/RK=		
									Min	Max	Min	Max	Min	Max	Max			
ZeC	Zeona	90	0.60	134	1	45	0.17	5	1	12	25	50	0.085	1.275	5.229		3	3
ZfB	Zeona	90	0.60	134	1	45	0.17	5	3	6	25	50	0.189	0.475	5.229		3	3
ZtC	Zeona	70	0.60	134	1	45	0.17	5	6	18	25	50	0.336	2.428	5.229		3	3
	Tusler	30	0.60	134	1	45	0.17	3	6	18	25	100	0.336	3.434	3.137		2	3