

Highly Erodible Soil Map Unit List - Mahnomen County, MN

C= 0.25

R= 90

This data is only to be used for HEL determinations

This is the "frozen data" based on 01/01/1990 information. Values other than "HEL" should only be used for PHEL.

Mapunit Symbol	Mapunit Name	HEL	T	K	I	Slope Percent	Slope Length	LS
36	Lakepark-Parnell, occasionally ponded, complex, 0 to 2 percent slopes	NHEL	5	0.28	38	1	150	0.15
38B	Waukon loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4	150	0.47
38C	Waukon loam, 6 to 12 percent slopes	PHEL	5	0.24	48	9	100	1.2
38E	Waukon loam, 15 to 30 percent slopes	HEL	5	0.24	48	18	60	2.6
40B	Nebish loam, 1 to 8 percent slopes	NHEL	5	0.32	56	4	150	0.47
40C	Nebish loam, 3 to 15 percent slopes	PHEL	5	0.32	56	9	100	1.2
40E	Nebish loam, 8 to 30 percent slopes	HEL	5	0.32	56	18	60	2.6
59	Grimstad sandy loam	NHEL	5	0.2	86	1	150	0.15
63	Rockwell loam	NHEL	3	0.24	86	1	150	0.15
121	Wykeham fine sandy loam, 1 to 3 percent slopes	NHEL	5	0.2	86	2	150	0.23
125	Beltrami loam, 1 to 3 percent slopes	NHEL	5	0.32	56	2	150	0.23
127B	Sverdrup sandy loam, 2 to 6 percent slopes	NHEL	4	0.2	86	2	150	0.23
180	Gonvick loam, 1 to 4 percent slopes	NHEL	5	0.24	48	2	150	0.23

191	Epoufette sandy loam	HEL	4	0.17	134	1	150	0.15
205	Karlstad sandy loam	NHEL	3	0.24	86	2	150	0.23
236	Vallers clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1	150	0.15
267B	Snellman sandy loam, 1 to 8 percent slopes	NHEL	5	0.2	86	4	150	0.47
267C	Snellman sandy loam, 8 to 15 percent slopes	NHEL	5	0.2	86	9	100	1.2
267E	Snellman sandy loam, 15 to 30 percent slopes	HEL	5	0.2	86	18	60	2.6
290B	Eckman silt loam, 1 to 6 percent slopes	NHEL	5	0.32	56	2	150	0.23
296	Fram loam	NHEL	5	0.28	86	2	150	0.23
335	Urness mucky silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	86	0.5	150	0.11
344	Quam silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	38	1	150	0.15
346	Talmoon loam	NHEL	5	0.28	56	1	150	0.15
426	Foldahl sandy loam	NHEL	5	0.2	86	1	150	0.15
494B	Darnen loam, 2 to 6 percent slopes	NHEL	5	0.28	48	3	150	0.32
540	Seelyeville-Seelyeville, ponded, complex, 0 to 1 percent slopes	NHEL	5		134	0.5	150	0.11
543	Markey muck, occasionally ponded, 0 to 1 percent slopes	HEL	4		134	0.5	150	0.11
544	Cathro muck, occasionally ponded, 0 to 1 percent slopes	NHEL	5		134	0.5	150	0.11
718B	Naytahwaush loam, 1 to 8 percent slopes	NHEL	3	0.28	48	4	150	0.47

718C	Naytahwaush loam, 3 to 15 percent slopes	HEL	3	0.28	48	9	100	1.2
718E	Naytahwaush loam, 8 to 30 percent slopes	HEL	3	0.28	48	18	60	2.6
737	Mahkonce loam	NHEL	3	0.32	86	1	150	0.15
746	Haslie muck	NHEL	5		134	0.5	150	0.11
748	Hamlet loam	NHEL	5	0.32	48	2	150	0.23
749	Colvin silt loam, occasionally flooded	NHEL	5	0.32	86	1	150	0.15
767	Auganaush loam	NHEL	3	0.32	48	1	150	0.15
775B	Sugarbush-Two Inlets complex, 1 to 8 percent slopes	NHEL	4	0.2	86	4	150	0.47
775C	Sugarbush-Two Inlets complex, 8 to 15 percent slopes	PHL	4	0.2	86	9	100	1.2
776B	Snellman-Sugarbush complex, 2 to 8 percent slopes	NHEL	4	0.2	86	4	150	0.47
776C	Snellman-Sugarbush complex, 8 to 15 percent slopes	PHL	4	0.2	86	9	100	1.2
776E	Snellman-Sugarbush complex, 15 to 30 percent slopes	HEL	4	0.2	86	18	60	2.6
827B	Esmond-Heimdal-Sisseton complex, 2 to 6 percent slopes	NHEL	5	0.28	86	3	150	0.32
827C2	Esmond-Sisseton-Heimdal, complex, 2 to 12 percent slopes, moderately eroded	NHEL	5	0.28	86	8	100	0.99
903B	Hokans-Buse complex, 2 to 6 percent slopes	NHEL	5	0.32	86	3	150	0.32
903C2	Barnes-Buse complex, 6 to 12 percent slopes, moderately eroded	NHEL	5	0.32	86	8	100	0.99
942D2	Langhei-Barnes, moderately eroded, complex, 12 to 20 percent slopes	HEL	5	0.32	86	16	60	2.2

967B	Waukon-Langhei complex, 2 to 6 percent slopes	NHEL	5	0.32	86	3	150	0.32
967C2	Waukon, moderately eroded-Langhei complex, 6 to 12 percent slopes	NHEL	5	0.32	86	8	100	0.99
979D2	Waukon, moderately eroded-Langhei complex, 12 to 20 percent slopes	HEL	5	0.32	86	16	60	2.2
1030	Pits, gravel-Udipsammets complex	NHEL	5	0.02	134			
1113	Haslie, Seelyeville, and Cathro soils, frequently ponded, 0 to 1 percent slopes	NHEL	5		134	0.5	150	0.11
1117	Hedman loam	NHEL	5	0.24	86	1	150	0.23
1139	Marysland loam, occasionally flooded	NHEL	4	0.28	86	1	150	0.23
1142	Hedman-Fram complex	NHEL	5	0.28	86	1	150	0.23
1147	Fordum, Fairdale, and Lamoure soils, frequently flooded	NHEL	4	0.28		1	150	0.23
1148	Fairdale and Lamoure soils, occasionally flooded	NHEL	5	0.32	86	1	150	0.23
1149	Balaton-Hamerly complex, 1 to 4 percent slopes	NHEL	5	0.28	86	1	150	0.23
1152B	Sugarbush loamy sand, 1 to 8 percent slopes	HEL	4	0.17	134	4	150	0.47
1152C	Sugarbush loamy sand, 8 to 15 percent slopes	HEL	4	0.17	134	9	100	1.2
1152E	Sugarbush loamy sand, 15 to 30 percent slopes	HEL	4	0.17	134	18	60	2.6
1200	Egglake loam	NHEL	5	0.28	56	1	150	0.23
1233D2	Sisseton-Esmond-Heimdal, complex, 6 to 20 percent slopes, moderately eroded	HEL	5	0.28	86	16	60	2.2
1238E	Two Inlets-Sugarbush complex, 8 to 30 percent slopes	HEL	4	0.2	86	18	60	2.6

1241B	Sandberg sandy loam, 1 to 6 percent slopes	NHEL	5	0.17	86	2	150	0.23
1356	Water, miscellaneous							
1804	Quam, Cathro, and Urness soils, frequently ponded, 0 to 1 percent slopes	NHEL	5			0.5	150	0.11
1825B	Seelyeville muck, seep, 1 to 10 percent slopes	NHEL	5	0.1		0.5	150	0.11
1878	Hamre muck	NHEL	5		134	0.5	150	0.11
1967	Hamerly-Vallers complex	NHEL	5	0.28	86	1	150	0.15
A1B	Eagleview and Menahga soils, 1 to 8 percent slopes	NHEL	5	0.17	134	4	150	0.47
W	Water							