

Highly Erodible Soil Map Unit List - Hubbard County, MN

C = .15

R = 100

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/C" should only be used for PHEL.

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82B	Redeye loamy sand, 1 to 6 percent slopes	NHEL	4	0.2	134	0.30
82C	Redeye loamy sand, 6 to 12 percent slopes	NHEL	4	0.2	134	0.99
133B	Dalbo silt loam, 2 to 8 percent slopes	NHEL	5	0.4	48	0.40
133C	Dalbo silt loam, 8 to 15 percent slopes	HEL	5	0.4	48	1.20
139B	Huntersville loamy fine sand, 1 to 6 percent slopes	NHEL	4	0.2	134	0.30
147	Spooner silt loam, 0 to 2 percent slopes	NHEL	5	0.4	56	0.15
158B	Zimmerman loamy fine sand, 1 to 6 percent slopes	NHEL	5	0.2	134	0.30
158C	Zimmerman loamy fine sand, 6 to 12 percent slopes	NHEL	5	0.2	134	0.99
167A	Baudette silt loam, 1 to 3 percent slopes	NHEL	5	0.4	48	0.21
170	Blomford loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.2	134	0.15
202	Meehan loamy sand, map 22-30, 0 to 3 percent slopes	NHEL	5	0.2	134	0.15
207B	Nymore loamy sand, 2 to 6 percent slopes	NHEL	3	0.2	86	0.30
207C	Nymore loamy sand, 6 to 12 percent slopes	NHEL	3	0.2	86	0.99
207D	Nymore loamy sand, 12 to 20 percent slopes	PHEL	3	0.2	86	2.60
260	Duelm loamy sand, 0 to 2 percent slopes	NHEL	5	0.2	134	0.15
261	Isan loamy sand, depressional, 0 to 1 percent slopes	NHEL	5	0.2	134	0.11
267B	Snellman sandy loam, 2 to 8 percent slopes	NHEL	5	0.2	86	0.40
346	Talmoon loam, 0 to 2 percent slopes	NHEL	5	0.3	56	0.15
406A	Dorset sandy loam, 0 to 2 percent slopes	NHEL	4	0.2	86	0.15
488	Becida fine sandy loam, morainic, 0 to 2 percent slopes, stony	NHEL	4	0.2	86	0.15
526C	Steamboat-Two Inlets-Seelyville complex, pitted, 0 to 15 percent slopes	NHEL	5	0.2	86	0.99
526E	Steamboat-Two Inlets-Seelyville complex, pitted, 0 to 35 percent slopes	PHEL	5	0.2	86	3.00
540	Seelyville muck, depressional, map 22-30, 0 to 1 percent slopes	NHEL	3	0.0	134	0.11
541	Rifle mucky peat, depressional, map 22-30, 0 to 1 percent slopes	NHEL	3	0.0	56	0.11
545	Rondeau muck, depressional, 0 to 1 percent slopes	NHEL	1	0.0	134	0.11
567A	Verdale sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86	0.15
574G	Steamboat-Two Inlets complex, pitted, 35 to 65 percent slopes	HEL	5	0.2	86	14.00
628	Talmoon muck, depressional, 0 to 1 percent slopes	NHEL	5	0.0	134	0.11
672	Willossippi loam, 0 to 2 percent slopes	NHEL	5	0.3	56	0.15
675C	Two Inlets-Eagleview-Steamboat complex, pitted, 3 to 15 percent slopes	NHEL	5	0.2	134	1.20
675E	Two Inlets-Eagleview-Steamboat complex, pitted, 15 to 35 percent slopes	HEL	5	0.1	134	5.50
675G	Two Inlets-Eagleview-Steamboat complex, pitted, 35 to 65 percent slopes	HEL	5	0.1	134	14.00
701	Runeberg mucky loam, depressional, 0 to 1 percent slopes	NHEL	5	0.2	56	0.11
709B	Lengby fine sandy loam, 2 to 8 percent slopes	NHEL	4	0.2	86	0.40
709C	Lengby fine sandy loam, 8 to 15 percent slopes	NHEL	4	0.2	86	1.20

719B	Rondeau muck (seepland), 1 to 6 percent slopes	NHEL	1	0.0	134	0.30
731A	Sanburn loamy sand, 0 to 3 percent slopes	NHEL	4	0.2	134	0.51
744B	Debs-Akeley complex, 1 to 8 percent slopes	NHEL	5	0.3	56	0.43
746	Haslie muck, depressionnal, 0 to 1 percent slopes	NHEL	1	0.0	134	0.11
775B	Sugarbush-Two Inlets complex, 1 to 8 percent slopes	NHEL	4	0.2	86	0.40
775C	Sugarbush-Two Inlets complex, 8 to 15 percent slopes	NHEL	4	0.2	86	1.20
778B	Dorset-Corliss complex, 1 to 6 percent slopes	NHEL	4	0.2	86	0.30
778C	Dorset-Corliss complex, 6 to 12 percent slopes	NHEL	4	0.2	86	0.99
797	Mooselake and Lupton soils, 0 to 1 percent slopes	NHEL	3	0.0	134	0.11
799	Seelyeville and Bowstring soils, 0 to 1 percent slopes, frequently flooded	NHEL	3	0.0	134	0.11
820B	Potatolake very fine sandy loam, 1 to 8 percent slopes	NHEL	4	0.4	48	0.43
820C	Potatolake very fine sandy loam, 8 to 15 percent slopes	HEL	4	0.4	48	1.20
831C	Akeley-Debs complex, 8 to 15 percent slopes	NHEL	5	0.2	134	1.20
831E	Akeley-Debs complex, 15 to 35 percent slopes	HEL	5	0.2	134	5.50
844B	Sanburn-Graycalm complex, 3 to 8 percent slopes	NHEL	4	0.2	134	0.54
867B	Graycalm-Menahga complex, 1 to 8 percent slopes	NHEL	5	0.2	134	0.43
867C	Graycalm-Menahga complex, 8 to 15 percent slopes	NHEL	5	0.2	134	1.20
867E	Graycalm-Menahga complex, 15 to 30 percent slopes	PHEL	5	0.2	134	3.50
867F	Graycalm-Menahga complex, 30 to 45 percent slopes	HEL	5	0.2	134	8.00
1015	Udipsamments (cut and fill land)	NHEL	5	0.2	220	0.11
1016	Udorthents, loamy (cut and fill land)	NHEL	0	0.0	0	0.11
1021C	Graycalm-Sanburn complex, 8 to 15 percent slopes	NHEL	4	0.2	134	1.20
1027	Udorthents, wet substratum (fill land)	NHEL	0	0.0	0	0.11
1030	Pits, gravel-Udipsamments complex	NHEL	5	0.2	220	0.11
1111	Nidaros muck, 0 to 1 percent slopes, frequently flooded	NHEL	2	0.0	134	0.11
1113	Haslie, Seelyeville, and Cathro soils, ponded, 0 to 1 percent slopes	NHEL	1	0.0	0	0.11
1126B	Verndale-Nymore complex, 1 to 6 percent slopes	NHEL	3	0.2	86	0.30
1127A	Bootlake-Graycalm complex, 0 to 2 percent slopes	NHEL	5	0.2	86	0.15
1127B	Bootlake-Graycalm complex, 2 to 8 percent slopes	NHEL	5	0.2	86	0.40
1136	Nidaros muck, depressionnal, 0 to 1 percent slopes	NHEL	2	0.0	134	0.11
1164	Zerkel loam, 1 to 3 percent slopes	NHEL	5	0.3	56	0.21
1200	Egglake loam, 0 to 2 percent slopes	NHEL	5	0.3	56	0.15
1230	Haslie and Nidaros soils, ponded, 0 to 1 percent slopes	NHEL	1	0.0	0	0.11
1238E	Two Inlets-Sugarbush complex, 15 to 30 percent slopes	HEL	4	0.2	86	3.50
1238F	Two Inlets-Sugarbush complex, 30 to 45 percent slopes	HEL	4	0.2	86	8.00
1244B	Sol-Sugarbush complex, 2 to 8 percent slopes, very stony	NHEL	4	0.2	86	0.40
1244C	Sol-Sugarbush complex, 8 to 15 percent slopes, very stony	NHEL	4	0.2	86	1.20
1244E	Sol-Sugarbush complex, 15 to 30 percent slopes, very stony	HEL	4	0.2	86	3.50
1247D	Corliss-Dorset complex, 12 to 20 percent slopes	HEL	4	0.2	86	2.60
1248C	Nymore-Verndale complex, 6 to 12 percent slopes	NHEL	3	0.2	86	0.99
1249C	Graycalm-Bootlake complex, 8 to 15 percent slopes	NHEL	5	0.2	86	1.20
1271	Roscommon mucky loamy sand, depressionnal, map 22-30, 0 to 1 percent slopes	NHEL	5	0.2	134	0.11
1272B	Sol fine sandy loam, 2 to 6 percent slopes	NHEL	5	0.2	86	0.30

1294	Nary fine sandy loam, 1 to 3 percent slopes	NHEL	5	0.2	86	0.21
1319B	Rockwood sandy loam, 2 to 6 percent slopes, stony	NHEL	4	0.2	86	0.30
1319C	Rockwood sandy loam, 6 to 12 percent slopes, stony	NHEL	4	0.2	86	0.99
1319D	Rockwood sandy loam, 12 to 20 percent slopes, stony	HEL	4	0.2	86	2.60
1320B	Blowers sandy loam, 1 to 5 percent slopes, stony	NHEL	4	0.2	86	0.29
1321	Paddock-Becida complex, 0 to 2 percent slopes, stony	NHEL	4	0.3	56	0.15
1332B	Rockwood fine sandy loam, morainic, 3 to 8 percent slopes, stony	NHEL	4	0.2	86	0.54
1332C	Rockwood fine sandy loam, morainic, 8 to 15 percent slopes, stony	NHEL	4	0.2	86	1.20
1332E	Rockwood fine sandy loam, morainic, 15 to 30 percent slopes, stony	HEL	4	0.2	86	3.50
1334	Huntersville loamy sand, 1 to 3 percent slopes	NHEL	4	0.2	134	0.21
1336	Blowers fine sandy loam, morainic, 1 to 3 percent slopes, stony	NHEL	4	0.2	86	0.21
1356	Water, miscellaneous					
1421B	Rockwood-Two Inlets, morainic, complex, 3 to 8 percent slopes, stony	NHEL	4	0.2	86	0.54
1421C	Rockwood-Two Inlets, morainic, complex, 8 to 15 percent slopes, stony	NHEL	4	0.2	86	1.20
1421E	Rockwood-Two Inlets, morainic, complex, 15 to 30 percent slopes, stony	HEL	4	0.2	86	3.50
1438B	Braham loamy fine sand, moderately wet, 2 to 6 percent slopes	NHEL	5	0.2	134	0.30
1439	Cathro muck, depressional, map 22-30, 0 to 1 percent slopes	HEL	2	0.0	134	0.11
1440B	Redeye loamy sand, morainic, 3 to 8 percent slopes	NHEL	4	0.2	134	0.54
1440C	Redeye loamy sand, morainic, 8 to 15 percent slopes	NHEL	4	0.2	134	1.20
1444	Wurtsmith loamy sand, map 22-30, 0 to 3 percent slopes	NHEL	5	0.2	134	0.15
1445	Markey muck, depressional, map 22-30, 0 to 1 percent slopes	NHEL	2	0.0	134	0.11
1447	Beltrami very fine sandy loam, 1 to 3 percent slopes	NHEL	5	0.2	86	0.21
1450B	Sanburn very stony loamy sand, 1 to 8 percent slopes, bouldery	NHEL	4	0.1	56	0.43
1450C	Sanburn very stony loamy sand, 8 to 15 percent slopes, bouldery	NHEL	4	0.1	56	1.20
1450E	Sanburn very stony loamy sand, 15 to 30 percent slopes, bouldery	HEL	4	0.1	56	3.50
1460B	Nebish very fine sandy loam, moderately wet, 2 to 6 percent slopes	NHEL	5	0.2	86	0.30
1460C	Nebish very fine sandy loam, 6 to 12 percent slopes	NHEL	5	0.2	86	0.99
1943	Roscommon loamy sand, map 22-30, 0 to 2 percent slopes	NHEL	5	0.2	134	0.15
1956	Staples loamy sand, 0 to 2 percent slopes	NHEL	4	0.2	134	0.15
1968	Evert loam, 0 to 1 percent slopes, occasionally flooded	NHEL	3	0.3	56	0.11
1969	Evert-Isan complex, channeled, 0 to 1 percent slopes, frequently flooded	NHEL	3	0.3	56	0.11
W	Water					