

Highly Erodible Soil Map Unit List - Hubbard County, MN

C= 0.15

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 "HELC" should only be used for PHEL.

Mapunit Symbol	Mapunit Name	HELC	T	K	I	Slope Percent	Slope Length	LS
82B	Redeye loamy sand, 1 to 6 percent slopes	NHEL	4	0.17	134	3	120	0.3
82C	Redeye loamy sand, 6 to 12 percent slopes	NHEL	4	0.17	134	8	100	0.99
133B	Dalbo silt loam, 2 to 8 percent slopes	NHEL	5	0.43	48	4	100	0.4
133C	Dalbo silt loam, 8 to 15 percent slopes	HEL	5	0.43	48	10	80	1.2
139B	Huntersville loamy fine sand, 1 to 6 percent slopes	NHEL	4	0.17	134	3	120	0.3
147	Spooner silt loam, 0 to 2 percent slopes	NHEL	5	0.37	56	1	150	0.15
167A	Baudette silt loam, 1 to 3 percent slopes	NHEL	5	0.37	48	2	120	0.21
170	Blomford loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1	150	0.15
202	Meehan loamy sand, 0 to 3 percent slopes	NHEL	5	0.17	134	1	150	0.15
207B	Nymore loamy sand, 1 to 6 percent slopes	NHEL	3	0.2	86	3	120	0.3
207C	Nymore loamy sand, 6 to 12 percent slopes	NHEL	3	0.2	86	8	100	0.99
207D	Nymore loamy sand, 12 to 20 percent slopes	PHEL	3	0.2	86	16	80	2.6
260	Duelm loamy sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1	150	0.15

261	Isan-Isan, frequently ponded, complex, 0 to 2 percent slopes	NHEL	5	0.17	134	0.5	150	0.11
267B	Snellman sandy loam, 1 to 8 percent slopes	NHEL	5	0.2	86	4	100	0.4
346	Talmoon loam, 0 to 2 percent slopes	NHEL	5	0.28	56	1	150	0.15
406A	Dorset sandy loam, 0 to 2 percent slopes	NHEL	4	0.2	86	1	150	0.15
488	Becida fine sandy loam, morainic, 0 to 2 percent slopes, stony	NHEL	4	0.24	86	1	150	0.15
526C	Steamboat-Two Inlets-Seelyeville complex, pitted, 0 to 15 percent slopes	NHEL	5	0.24	86	8	100	0.99
526E	Steamboat-Two Inlets-Seelyeville complex, pitted, 0 to 35 percent slopes	PHEL	5	0.24	86	18	80	3
540	Seelyeville-Seelyeville, ponded, complex, 0 to 1 percent slopes	NHEL	3	0	134	0.5	150	0.11
541	Rifle-Rifle, ponded, complex, 0 to 1 percent slopes	NHEL	3	0	56	0.5	150	0.11
545	Rondeau muck, depressional, 0 to 1 percent slopes	NHEL	1	0	134	0.5	150	0.11
567A	Verndale sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86	1	150	0.15
574G	Steamboat-Two Inlets complex, pitted, 35 to 65 percent slopes	HEL	5	0.24	86	50	60	14
628	Talmoon muck, depressional, 0 to 1 percent slopes	NHEL	5	0	134	0.5	150	0.11
672	Willossippi loam, 0 to 2 percent slopes	NHEL	5	0.32	56	1	150	0.15
675C	Two Inlets-Eagleview-Steamboat complex, pitted, 3 to 15 percent slopes	NHEL	5	0.17	134	10	80	1.2
675E	Two Inlets-Eagleview-Steamboat complex, pitted, 15 to 35 percent slopes	HEL	5	0.1	134	25	80	5.5
675G	Two Inlets-Eagleview-Steamboat complex, pitted, 35 to 65 percent slopes	HEL	5	0.1	134	50	60	14

701	Runeberg mucky loam, depressional, 0 to 1 percent slopes	NHEL	5	0.24	56	0.5	150	0.11
709B	Lengby fine sandy loam, 2 to 8 percent slopes	NHEL	4	0.24	86	4	100	0.4
709C	Lengby fine sandy loam, 8 to 15 percent slopes	NHEL	4	0.24	86	10	80	1.2
719B	Rondeau muck (seepland), 1 to 6 percent slopes	NHEL	1	0	134	3	120	0.3
731A	Sanburn loamy sand, 0 to 3 percent slopes	NHEL	4	0.17	134	1	150	0.51
744B	Debs-Akeley complex, 1 to 8 percent slopes	NHEL	5	0.32	56	4	120	0.43
746	Haslie muck, depressional, 0 to 1 percent slopes	NHEL	1	0	134	0.5	150	0.11
775B	Sugarbush-Two Inlets complex, 1 to 8 percent slopes	NHEL	4	0.2	86	4	100	0.4
775C	Sugarbush-Two Inlets complex, 3 to 15 percent slopes	NHEL	4	0.2	86	10	80	1.2
778B	Dorset-Corliss complex, 1 to 6 percent slopes	NHEL	4	0.2	86	3	120	0.3
778C	Dorset-Corliss complex, 6 to 12 percent slopes	NHEL	4	0.2	86	8	100	0.99
797	Mooselake and Lupton soils, 0 to 1 percent slopes	NHEL	3	0	134	0.5	150	0.11
799	Seelyeville and Bowstring soils, 0 to 1 percent slopes, frequently flooded	NHEL	3	0	134	0.5	150	0.11
820B	Potatolake very fine sandy loam, 1 to 8 percent slopes	NHEL	4	0.37	48	4	120	0.43
820C	Potatolake very fine sandy loam, 8 to 15 percent slopes	HEL	4	0.37	48	10	80	1.2
831C	Akeley-Debs complex, 8 to 15 percent slopes	NHEL	5	0.17	134	10	80	1.2
831E	Akeley-Debs complex, 15 to 35 percent slopes	HEL	5	0.17	134	25	80	5.5

844B	Sanburn-Graycalm complex, 3 to 8 percent slopes	NHEL	4	0.17	134	5	100	0.54
867E	Eagleview-Menahga complex, 15 to 30 percent slopes	PHEL	5	0.15	134	20	80	3.5
1015	Udipsamments (cut and fill land)	NHEL	5	0.15	220	0.5	150	0.11
1016	Udorthents, loamy (cut and fill land)	NHEL	0	0	0	0.5	150	0.11
1021C	Graycalm-Sanburn complex, 8 to 15 percent slopes	NHEL	4	0.17	134	10	80	1.2
1027	Udorthents, wet substratum (fill land)	NHEL	0	0	0	0.5	150	0.11
1030	Pits, gravel-Udipsamments complex	NHEL	5	0.15	220	0.5	150	0.11
1111	Nidaros muck, 0 to 1 percent slopes, frequently flooded	NHEL	2	0	134	0.5	150	0.11
1113	Haslie, Seelyeville, and Cathro soils, frequently ponded, 0 to 1 percent slopes	NHEL	1	0	0	0.5	150	0.11
1126B	Verndale-Nymore complex, 0 to 6 percent slopes	NHEL	3	0.2	86	3	120	0.3
1127A	Bootlake-Graycalm complex, 0 to 2 percent slopes	NHEL	5	0.2	86	1	150	0.15
1127B	Bootlake-Graycalm complex, 2 to 8 percent slopes	NHEL	5	0.2	86	4	100	0.4
1136	Nidaros muck, depressional, 0 to 1 percent slopes	NHEL	2	0	134	0.5	150	0.11
1164	Zerker loam, 1 to 3 percent slopes	NHEL	5	0.32	56	2	120	0.21
1200	Egglake loam, 0 to 2 percent slopes	NHEL	5	0.28	56	1	150	0.15
1238E	Two Inlets-Sugarbush complex, 8 to 30 percent slopes	HEL	4	0.2	86	20	80	3.5
1238F	Two Inlets-Sugarbush complex, 30 to 45 percent slopes	HEL	4	0.2	86	35	60	8

1244B	Sol-Sugarbush complex, 2 to 8 percent slopes, very stony	NHEL	4	0.2	86	4	100	0.4
1244C	Sol-Sugarbush complex, 8 to 15 percent slopes, very stony	NHEL	4	0.2	86	10	80	1.2
1244E	Sol-Sugarbush complex, 15 to 30 percent slopes, very stony	HEL	4	0.2	86	20	80	3.5
1247D	Corliss-Dorset complex, 6 to 20 percent slopes	HEL	4	0.2	86	16	80	2.6
1248C	Nymore-Verndale complex, 2 to 12 percent slopes	NHEL	3	0.2	86	8	100	0.99
1249C	Graycalm-Bootlake complex, 8 to 15 percent slopes	NHEL	5	0.2	86	10	80	1.2
1271	Roscommon mucky loamy sand, depressional, map 22-30, 0 to 1 percent slopes	NHEL	5	0.17	134	0.5	150	0.11
1272B	Sol fine sandy loam, 2 to 6 percent slopes	NHEL	5	0.24	86	3	120	0.3
1294	Nary fine sandy loam, 1 to 3 percent slopes	NHEL	5	0.2	86	2	120	0.21
1319B	Rockwood soils, 2 to 6 percent slopes	NHEL	4	0.24	86	3	120	0.3
1319C	Rockwood soils, 6 to 12 percent slopes	NHEL	4	0.24	86	8	100	0.99
1319D	Rockwood soils, 12 to 20 percent slopes	HEL	4	0.24	86	16	80	2.6
1320B	Blowers soils, 1 to 6 percent slopes	NHEL	4	0.24	86	3	100	0.29
1321	Paddock-Becida, stony, complex, 0 to 3 percent slopes	NHEL	4	0.32	56	1	150	0.15
1332B	Rockwood fine sandy loam, morainic, 3 to 8 percent slopes, stony	NHEL	4	0.24	86	5	100	0.54
1332C	Rockwood fine sandy loam, morainic, 8 to 15 percent slopes, stony	NHEL	4	0.24	86	10	80	1.2
1332E	Rockwood fine sandy loam, morainic, 15 to 30 percent slopes, stony	HEL	4	0.24	86	20	80	3.5

1334	Huntersville loamy sand, 1 to 3 percent slopes	NHEL	4	0.17	134	2	120	0.21
1336	Blowers fine sandy loam, morainic, 1 to 3 percent slopes, stony	NHEL	4	0.24	86	2	120	0.21
1356	Water, miscellaneous							
1421B	Rockwood-Two Inlets, morainic, complex, 3 to 8 percent slopes, stony	NHEL	4	0.24	86	5	100	0.54
1421C	Rockwood-Two Inlets, morainic, complex, 8 to 15 percent slopes, stony	NHEL	4	0.24	86	10	80	1.2
1421E	Rockwood-Two Inlets, morainic, complex, 15 to 30 percent slopes, stony	HEL	4	0.24	86	20	80	3.5
1438B	Braham loamy fine sand, moderately wet, 2 to 6 percent slopes	NHEL	5	0.17	134	3	120	0.3
1439	Cathro muck, occasionally ponded, 0 to 1 percent slopes	HEL	2	0	134	0.5	150	0.11
1440B	Redeye loamy sand, morainic, 3 to 8 percent slopes	NHEL	4	0.17	134	5	100	0.54
1440C	Redeye loamy sand, morainic, 8 to 15 percent slopes	NHEL	4	0.17	134	10	80	1.2
1444	Wurtsmith loamy sand, map 22-30, 0 to 3 percent slopes	NHEL	5	0.17	134	1	150	0.15
1445	Markey muck, occasionally ponded, 0 to 1 percent slopes	NHEL	2	0	134	0.5	150	0.11
1447	Beltrami loam, 1 to 3 percent slopes	NHEL	5	0.24	86	2	120	0.21
1450B	Sanburn very stony loamy sand, 1 to 8 percent slopes, bouldery	NHEL	4	0.1	56	4	120	0.43
1450C	Sanburn very stony loamy sand, 8 to 15 percent slopes, bouldery	NHEL	4	0.1	56	10	80	1.2
1450E	Sanburn very stony loamy sand, 15 to 30 percent slopes, bouldery	HEL	4	0.1	56	20	80	3.5
1460B	Nebish very fine sandy loam, moderately wet, 2 to 6 percent slopes	NHEL	5	0.24	86	3	120	0.3

1460C	Nebish loam, 3 to 15 percent slopes	NHEL	5	0.24	86	8	100	0.99
1943	Roscommon loamy sand, map 22-30, 0 to 2 percent slopes	NHEL	5	0.17	134	1	150	0.15
1956	Staples loamy sand, 0 to 2 percent slopes	NHEL	4	0.17	134	1	150	0.15
1968	Evert loam, 0 to 1 percent slopes, occasionally flooded	NHEL	3	0.28	56	0.5	150	0.11
1969	Evert-Isan complex, channeled, 0 to 1 percent slopes, frequently flooded	NHEL	3	0.28	56	0.5	150	0.11
A1B	Eagleview and Menahga soils, 1 to 8 percent slopes	NHEL	5	0.15	134	4	120	0.43
A1C	Eagleview and Menahga soils, 3 to 15 percent slopes	NHEL	5	0.15	134	10	80	1.2
A60B	Zimmerman loamy fine sand, 1 to 8 percent slopes	NHEL	5	0.17	134	3	120	0.3
A60C	Zimmerman loamy fine sand, 3 to 15 percent slopes	NHEL	5	0.17	134	8	100	0.99
W	Water		0	0	0	0	0	0