

Highly Erodible Soil Map Unit List - West Becker 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.

areasym	musym	muname	HEL	T	K	I	slope %	slope 1	LS
MN006	26	Aazdahl clay loam, 1 to 4 percent slopes	NHEL	5	0.24	48	2	125	0.22
MN006	47	Colvin silty clay loam	NHEL	5	0.32	86	1	125	0.14
MN006	63	Rockwell loam	NHEL	3	0.24	86	1	125	0.14
MN006	108	McIntosh silt loam, 1 to 3 percent slopes	NHEL	5	0.28	86	2	125	0.22
MN006	111	Hangaard sandy loam	NHEL	5	0.2	86	1	125	0.14
MN006	121	Wykeham fine sandy loam, 1 to 3 percent slopes	NHEL	5	0.2	86	1	125	0.14
MN006	125	Beltrami loam, 1 to 3 percent slopes	NHEL	5	0.32	56	2	125	0.22
MN006	137	Dovray silty clay	NHEL	5	0.28	86	1	125	0.14
MN006	180	Gonvick loam, 1 to 4 percent slopes	NHEL	5	0.24	48	3	125	0.32
MN006	184	Balaton-Hamerly complex, 1 to 4 percent slopes	NHEL	5	0.28	86	2	125	0.22
MN006	191	Epoufette sandy loam	NHEL	4	0.2	86	1	125	0.14
MN006	202	Meehan loamy sand, 0 to 3 percent slopes	NHEL	5	0.17	134	2	125	0.22
MN006	335	Urness mucky silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	86	1	125	0.14
MN006	339	Fordville loam, 0 to 2 percent slopes	NHEL	4	0.24	48	2	125	0.22
MN006	344	Quam silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	38	1	125	0.14
MN006	351	Colvin silty clay loam, depressional	NHEL	5	0.32	86	1	125	0.14
MN006	375	Forada sandy loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1	125	0.14
MN006	398	Winger silty clay loam, depressional	NHEL	5	0.28	86	1	125	0.14
MN006	413	Osakis loam, 0 to 2 percent slopes	NHEL	3	0.28	86	1	125	0.14
MN006	418	Lamoure silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1	125	0.14
MN006	508	Wyndmere fine sandy loam	NHEL	5	0.2	86	1	125	0.14
MN006	540	Seelyeville-Seelyeville, ponded, complex, 0 to 1 percent slopes	NHEL	5	0.002	134	1	125	0.14
MN006	541	Rifle-Rifle, ponded, complex, 0 to 1 percent slopes	NHEL	5	0.002	56	1	125	0.14
MN006	544	Cathro muck, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.002	134	1	125	0.14
MN006	564	Friendship loamy sand	NHEL	5	0.17	134	2	125	0.22
MN006	624	Rosy sandy loam	NHEL	5	0.24	86	1	125	0.14
MN006	701	Runeberg mucky loam, depressional	NHEL	5	0.24	56	1	125	0.14
MN006	746	Haslie muck	NHEL	5	0.002	134	1	125	0.14
MN006	765	Smiley loam	NHEL	5	0.24	56	1	125	0.14
MN006	767	Auganaush loam	NHEL	3	0.32	48	1	125	0.14
MN006	785	Hamerly-Winger complex	NHEL	5	0.28	86	2	125	0.22
MN006	786	Winger-Hamerly-Colvin complex	NHEL	5	0.32	86	1	125	0.14
MN006	797	Mooselake and Lupton soils, 0 to 1 percent slopes	NHEL	5	0.1	134	1	125	0.14

areasym	musym	muname	HELK	T	K	I	slope %	slope l	LS
MN006	1015	Udipsammets, cut and fill land	NHEL	5	0.1	220	5	0	0
MN006	1016	Udorthents, loamy, cut and fill land	NHEL	5	0.24	86	25	0	0
MN006	1027	Udorthents, wet substratum (fill land)	NHEL	0	0	0	0	0	0
MN006	1030	Pits, gravel-Udipsammets complex	NHEL	5	0.17	86	0	0	0
MN006	1111	Nidaros muck, frequently flooded	HEL	4	0.002	134	1	125	0.14
MN006	1113	Haslie, Seelyeville, and Cathro soils, frequently ponded, 0 to 1 percent slopes	NHEL	5	0.002	134	1	125	0.14
MN006	1128	Cathro muck, frequently flooded	NHEL	5	0.002	134	1	125	0.14
MN006	1129	Lindaas silty clay loam, morainic	NHEL	5	0.32	38	1	125	0.14
MN006	1130	Wolverton fine sandy loam	NHEL	5	0.28	86	1	125	0.14
MN006	1135	Foxlake silty clay loam	NHEL	5	0.28	86	1	125	0.14
MN006	1136	Nidaros muck	HEL	4	0.002	134	1	125	0.14
MN006	1138	Rushlake and Hangaard soils, lake beaches	NHEL	5	0.2	86	1	100	0.14
MN006	1200	Egglake loam	NHEL	5	0.2	86	1	125	0.14
MN006	1210	Paddock-Epoufette complex	NHEL	4	0.2	86	1	125	0.14
MN006	1211	Egglake-Cathro complex	NHEL	5	0.2	86	1	125	0.14
MN006	1225	Wykeham-Karlstad complex	NHEL	3	0.24	86	2	125	0.22
MN006	1227	Quam, Cathro, and Urness soils, frequently ponded, 0 to 1 percent slopes	NHEL	2	0.1	0	1	125	0.14
MN006	1246	Winger silty clay loam	NHEL	5	0.28	86	1	125	0.14
MN006	1251	Lamoure silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1	150	0.15
MN006	1291	Sedgeville loam, frequently flooded	NHEL	4	0.24	0	1	125	0.14
MN006	1306	Karlstad sandy loam	NHEL	3	0.24	86	2	125	0.21
MN006	1317	Vallers clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1	125	0.14
MN006	1318	Darnen loam, 1 to 6 percent slopes	NHEL	5	0.24	48	2	125	0.21
MN006	1321	Paddock-Becida, stony, complex, 0 to 3 percent slopes	NHEL	4	0.2	86	2	125	0.21
MN006	1356	Water, miscellaneous							
MN006	1365	Hillview fine sandy loam	NHEL	5	0.2	86	2	125	0.21
MN006	1878	Hamre muck	NHEL	5	0	134	1	125	0.14
MN006	1938	Lakepark-Parnell, occasionally ponded, complex, 0 to 2 percent slopes	NHEL	5	0.24	48	1	125	0.14
MN006	1942	Forada and Leafriver soils, frequently ponded, 0 to 1 percent slopes	NHEL	4	0.28	56	1	125	0.14
MN006	1967	Hamerly-Vallers complex	NHEL	5	0.28	86	2	125	0.22
MN006	1975	Oylen sandy loam	NHEL	3	0.2	86	1	125	0.14
MN006	1997	Vallers-Hamerly-Winger complex	NHEL	5	0.28	86	1	125	0.14
MN006	1104B	Waukon-Dorset complex, 1 to 8 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	1104C	Waukon-Dorset complex, 8 to 15 percent slopes	PHL	3	0.2	86	12	125	2
MN006	1125B	Sverdrup-Abbeylake complex, 1 to 6 percent slopes	NHEL	4	0.2	86	4	125	0.44

areasym	musym	muname	HELC	T	K	I	slope %	slope l	LS
MN006	1125C	Sverdrup-Abbeylake complex, 6 to 12 percent slopes	NHEL	4	0.2	86	9	125	1.35
MN006	1126B	Verndale-Nymore complex, 0 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	1127A	Bootlake-Graycalm complex, 0 to 2 percent slopes	NHEL	5	0.17	134	1	125	0.14
MN006	1127B	Bootlake-Graycalm complex, 2 to 8 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	1131B	Verndale-Abbeylake complex, 1 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	1132B	Eagleview-Balmlake complex, 1 to 8 percent slopes	NHEL	5	0.28	86	4	125	0.44
MN006	1132C	Eagleview-Balmlake complex, 8 to 15 percent slopes	PHEL	5	0.28	86	12	125	2
MN006	1132E	Eagleview-Balmlake complex, 15 to 30 percent slopes	HEL	5	0.28	86	22	100	6
MN006	1137B	Birchlake silty clay loam, 1 to 6 percent slopes	NHEL	5	0.37	38	3	125	0.32
MN006	1137C	Birchlake silty clay loam, 6 to 12 percent slopes, eroded	PHEL	5	0.37	38	9	125	1.35
MN006	1137D	Birchlake silty clay loam, 12 to 20 percent slopes, eroded	HEL	5	0.37	38	15	100	2.5
MN006	1137E	Birchlake silty clay loam, 20 to 30 percent slopes	HEL	5	0.37	38	25	100	6
MN006	1140B	Eagleview-Snellman complex, 1 to 8 percent slopes	NHEL	5	0.2	86	4	125	0.44
MN006	1140C	Eagleview-Snellman complex, 8 to 15 percent slopes	NHEL	5	0.2	86	12	125	2
MN006	1195B	Sybil-Eagleview complex, 2 to 8 percent slopes	HEL	4	0.17	134	5	125	0.44
MN006	1195C	Sybil-Eagleview complex, 8 to 15 percent slopes	HEL	4	0.17	134	11	125	1.8
MN006	1195E	Sybil-Eagleview complex, 15 to 30 percent slopes	HEL	4	0.17	134	22	100	4.8
MN006	1196B	Lida-Two Inlets complex, 1 to 8 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	1196C	Lida-Two Inlets complex, 8 to 15 percent slopes	PHEL	4	0.2	86	11	125	1.8
MN006	1196E	Lida-Two Inlets complex, 15 to 30 percent slopes	HEL	4	0.2	86	22	100	4.8
MN006	1201C	Sugarbush-Snellman complex, 8 to 15 percent slopes	PHEL	4	0.2	86	11	125	1.8
MN006	1201E	Sugarbush-Snellman complex, 15 to 35 percent slopes	HEL	4	0.2	86	22	100	4.8
MN006	1234B	Formdale-Buse complex, 2 to 6 percent slopes	NHEL	5	0.24	48	5	125	0.59
MN006	1235B	Formdale-Buse-Sandberg complex, 2 to 6 percent slopes	NHEL	5	0.24	48	4	125	0.44
MN006	1238E	Two Inlets-Sugarbush complex, 8 to 30 percent slopes	HEL	5	0.1	134	22	100	4.79
MN006	1242D	Sandberg-Arvilla complex, 12 to 20 percent slopes	HEL	3	0.2	86	18	100	4
MN006	1243B	Sol sandy loam, 2 to 8 percent slopes, very stony	NHEL	5	0.2	0	4	125	0.44
MN006	1243C	Sol sandy loam, 8 to 15 percent slopes, very stony	NHEL	5	0.2	0	11	125	1.76
MN006	1243E	Sol sandy loam, 15 to 30 percent slopes, very stony	HEL	5	0.2	0	22	100	4.79
MN006	1244B	Sol-Sugarbush complex, 2 to 8 percent slopes, very stony	NHEL	5	0.2	0	4	125	0.44
MN006	1244C	Sol-Sugarbush complex, 8 to 15 percent slopes, very stony	PHEL	5	0.2	0	12	125	2
MN006	1244E	Sol-Sugarbush complex, 15 to 30 percent slopes, very stony	HEL	5	0.2	0	22	100	4.79
MN006	1247D	Corliss-Dorset complex, 6 to 20 percent slopes	HEL	3	0.2	86	15	100	2.5
MN006	1248C	Nymore-Verndale complex, 2 to 12 percent slopes	NHEL	5	0.17	134	9	125	1.3
MN006	1249C	Graycalm-Bootlake complex, 8 to 15 percent slopes	NHEL	5	0.17	134	12	125	2
MN006	1250C	Abbeylake-Verndale complex, 6 to 12 percent slopes	NHEL	5	0.15	134	9	125	1.3
MN006	1252B	Bootlake-Eagleview complex, 1 to 8 percent slopes	NHEL	5	0.2	86	4	125	0.44

areasyvm	musvm	muname	HELK	T	K	I	slope %	slope l	LS
MN006	1263C	Eagleview-Bootlake complex, 8 to 15 percent slopes	NHEL	5	0.17	134	12	125	2
MN006	1319B	Rockwood soils, 2 to 6 percent slopes	NHEL	4	0.2	86	4	200	0.53
MN006	1319C	Rockwood soils, 6 to 12 percent slopes	PHEL	4	0.2	86	9	200	1.66
MN006	1319D	Rockwood soils, 12 to 20 percent slopes	HEL	4	0.2	86	16	200	4.03
MN006	1320B	Blowers soils, 1 to 6 percent slopes	NHEL	4	0.2	86	3	125	0.32
MN006	133A	Dalbo silt loam, 0 to 2 percent slopes	NHEL	3	0.43	48	1	150	0.15
MN006	133B	Dalbo silt loam, 2 to 8 percent slopes	PHEL	3	0.43	48	4	150	0.47
MN006	133C	Dalbo silt loam, 8 to 15 percent slopes	HEL	3	0.43	48	12	150	2.2
MN006	133E	Dalbo silt loam, 15 to 30 percent slopes	HEL	3	0.43	48	22	125	5.8
MN006	141B	Egeland sandy loam, 2 to 6 percent slopes	NHEL	5	0.2	86	4	125	0.44
MN006	141C	Egeland fine sandy loam, 6 to 12 percent slopes	NHEL	5	0.2	86	9	125	1.35
MN006	168B	Forman clay loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4	125	0.44
MN006	168C2	Forman-Buse complex, 6 to 12 percent slopes, moderately eroded	NHEL	5	0.28	48	9	125	1.35
MN006	168D2	Forman-Buse complex, 12 to 20 percent slopes, moderately eroded	HEL	5	0.28	48	16	100	2.8
MN006	168E	Forman clay loam, 20 to 30 percent slopes	HEL	5	0.28	48	25	100	6
MN006	171B	Formdale clay loam, 1 to 6 percent slopes	NHEL	5	0.24	48	4	125	0.44
MN006	1825B	Seelyeville muck, seep, 1 to 10 percent slopes	NHEL	5	0	134	5	100	0.54
MN006	207D	Nymore loamy sand, 12 to 20 percent slopes	PHEL	5	0.17	134	16	100	2.8
MN006	20B	Chapett fine sandy loam, 2 to 8 percent slopes	NHEL	5	0.2	86	4	125	0.44
MN006	20C2	Chapett fine sandy loam, 8 to 15 percent slopes, eroded	NHEL	5	0.2	86	12	125	2
MN006	20E	Chapett fine sandy loam, 15 to 30 percent slopes	HEL	5	0.2	86	22	100	6
MN006	267B	Snellman sandy loam, 1 to 8 percent slopes	NHEL	5	0.2	86	4	125	0.44
MN006	267C	Snellman sandy loam, 8 to 15 percent slopes	NHEL	5	0.2	86	11	125	1.8
MN006	267E	Snellman sandy loam, 15 to 30 percent slopes	HEL	5	0.2	86	22	100	6
MN006	315A	Bootlake sandy loam, 0 to 2 percent slopes	NHEL	4	0.2	86	1	125	0.14
MN006	315B	Bootlake sandy loam, 2 to 5 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	332B	Sugarbush loamy sand, 1 to 8 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	38B	Waukon loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4	125	0.44
MN006	38C	Waukon loam, 6 to 12 percent slopes	PHEL	5	0.24	48	12	125	2
MN006	38E	Waukon loam, 15 to 30 percent slopes	HEL	5	0.24	48	22	100	6
MN006	406A	Dorset sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86	1	125	0.14
MN006	406B	Dorset sandy loam, 2 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	40B	Nebish loam, 1 to 8 percent slopes	NHEL	5	0.32	56	4	125	0.44
MN006	40C	Nebish loam, 3 to 15 percent slopes	PHEL	5	0.32	56	12	125	2
MN006	40E	Nebish loam, 8 to 30 percent slopes	HEL	5	0.32	56	22	100	6
MN006	422B	Bygland silty clay loam, 1 to 6 percent slopes	NHEL	5	0.28	38	4	125	0.44
MN006	422C	Bygland silty clay loam, 6 to 15 percent slopes	PHEL	5	0.28	38	10	200	2

areasym	musym	muname	HELC	T	K	I	slope %	slope l	LS
MN006	503B	Balmlake fine sandy loam, 1 to 8 percent slopes	NHEL	5	0.28	86	4	125	0.44
MN006	503C	Balmlake fine sandy loam, 8 to 15 percent slopes	PHEL	5	0.28	86	12	125	2
MN006	503E	Balmlake fine sandy loam, 15 to 30 percent slopes	HEL	5	0.28	86	22	100	6
MN006	567A	Verndale sandy loam, 0 to 2 percent slopes	NHEL	3	0.2	86	1	125	0.14
MN006	567B	Verndale sandy loam, 2 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	579C2	Formdale-Langhei-Sandberg complex, 6 to 12 percent slopes, eroded	NHEL	5	0.32	86	9	125	1.35
MN006	711B	Arvilla-Sandberg complex, 2 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	711C	Arvilla-Sandberg complex, 6 to 12 percent slopes	PHEL	3	0.2	86	9	125	1.35
MN006	718B	Naytahwaush loam, 1 to 8 percent slopes	NHEL	5	0.28	48	4	150	0.47
MN006	718C	Naytahwaush loam, 3 to 15 percent slopes	PHEL	5	0.28	48	12	150	2.2
MN006	718E	Naytahwaush loam, 8 to 30 percent slopes	HEL	5	0.28	48	22	125	5.8
MN006	721E	Corliss loamy sand, 20 to 35 percent slopes	HEL	5	0.15	134	28	100	7
MN006	747B	Audubon silty clay loam, 0 to 6 percent slopes	NHEL	5	0.32	86	3	125	0.31
MN006	753D	Abbeylake loamy sand, 12 to 20 percent slopes	PHEL	5	0.15	134	16	100	2.8
MN006	753E	Abbeylake loamy sand, 20 to 30 percent slopes	HEL	5	0.15	134	25	100	6
MN006	775B	Sugarbush-Two Inlets complex, 1 to 8 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	775C	Sugarbush-Two Inlets complex, 3 to 15 percent slopes	PHEL	4	0.2	86	12	125	2
MN006	776B	Snellman-Sugarbush complex, 2 to 8 percent slopes	NHEL	5	0.2	86	5	125	0.6
MN006	776C	Snellman-Sugarbush complex, 8 to 15 percent slopes	PHEL	4	0.2	86	12	125	2
MN006	776E	Snellman-Sugarbush complex, 15 to 30 percent slopes	HEL	4	0.2	86	22	100	6
MN006	778B	Dorset-Corliss complex, 1 to 6 percent slopes	NHEL	3	0.2	86	4	125	0.44
MN006	778C	Dorset-Corliss complex, 6 to 12 percent slopes	PHEL	3	0.2	86	9	125	1.35
MN006	780B	Audubon-Boyerlake complex, 1 to 6 percent slopes	NHEL	5	0.32	86	4	150	0.47
MN006	780C2	Audubon-Boyerlake complex, 6 to 12 percent slopes, eroded	PHEL	5	0.32	86	9	150	1.4
MN006	780D2	Audubon-Boyerlake complex, 12 to 20 percent slopes, eroded	HEL	5	0.32	86	15	125	2.8
MN006	A1B	Eagleview-Menahga complex, 1 to 8 percent slopes	NHEL	5	0.17	134	4	125	0.44
MN006	A1C	Eagleview-Menahga complex, 3 to 15 percent slopes	NHEL	5	0.17	134	12	125	2
MN006	867E	Eagleview-Menahga complex, 15 to 30 percent slopes	HEL	5	0.17	134	22	125	5.8
MN006	903B	Hokans-Buse complex, 2 to 6 percent slopes	NHEL	5	0.32	86	4	125	0.44
MN006	903C2	Barnes-Buse complex, 6 to 12 percent slopes, moderately eroded	NHEL	5	0.32	86	9	125	1.35
MN006	931C2	Formdale-Langhei complex, 6 to 12 percent slopes, eroded	NHEL	5	0.32	86	9	125	1.35
MN006	942D2	Langhei-Barnes, moderately eroded, complex, 12 to 20 percent slopes	HEL	5	0.32	86	16	100	2.8
MN006	943D2	Langhei-Formdale complex, 12 to 20 percent slopes, eroded	HEL	5	0.32	86	15	100	2.5
MN006	943E	Langhei-Formdale complex, 20 to 30 percent slopes	HEL	5	0.32	86	25	100	6
MN006	951B	Nebish-Sugarbush complex, 2 to 8 percent slopes	NHEL	4	0.2	86	4	125	0.44
MN006	951C	Nebish-Sugarbush complex, 8 to 15 percent slopes	PHEL	4	0.2	86	12	125	2
MN006	951E	Nebish-Sugarbush complex, 15 to 30 percent slopes	HEL	4	0.2	86	22	100	6
MN006	W	Water							