

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR MARTIN COUNTY, MN

C = .15, R = 140

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.

musym	muname	HEL	T	K	I	slope %	slope_l	LS
8B	Sparta loamy fine sand, 1 to 6 percent slopes	NHEL	5	0.17	134	3.5	200	0.44
27B	Dickinson fine sandy loam, 1 to 6 percent slopes	NHEL	4	0.20	86	3.0	150	0.32
35	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	86	0.5	100	0.09
37B	Farrar fine sandy loam, 1 to 6 percent slopes	NHEL	5	0.20	86	3.0	150	0.32
39B	Wadena loam, 1 to 6 percent slopes	NHEL	4	0.24	48	3.5	175	0.42
41B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	3.0	125	0.31
41C	Estherville sandy loam, 6 to 12 percent slopes	PHEL	3	0.20	86	8.0	150	1.21
84	Brownton silty clay loam, 0 to 2 percent sloes	NHEL	5	0.28	86	1.0	100	0.15
86	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
94B	Terril loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	125	0.43
96	Collinwood silty clay loam, 1 to 3 percent slopes	NHEL	5	0.32	86	1.0	175	0.15
101B	Truman silt loam, 2 to 6 percent slopes	NHEL	5	0.32	48	4.0	150	0.47
102B	Clarion loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.0	150	0.47
106B	Lester loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.0	150	0.47

106C	Lester loam, 6 to 10 percent slopes	PHEL	5	0.28	48	9.0	125	1.53
112	Harps clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
118	Crippin loam	NHEL	5	0.24	86	2.0	100	0.20
128B	Grogan silt loam, 1 to 6 percent slopes	NHEL	5	0.32	56	3.0	175	0.34
136	Madelia silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	150	0.14
140	Spicer silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	125	0.13
181	Litchfield sandy loam	NHEL	6	0.20	86	1.5	150	0.18
197	Kingston silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.0	150	0.14
227	Lemond loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	175	0.15
229	Waldorf silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	0.5	200	0.11
247	Linder loam	NHEL	4	0.24	56	1.0	150	0.14
255	Mayer loam, 0 to 2 percent slopes	NHEL	4	0.24	86	1.0	125	0.13
269	Millington clay loam, occasionally flooded	NHEL	5	0.28	86	0.5	150	0.10
275B	Ocheyedan loam, 1 to 5 percent slopes	NHEL	5	0.24	48	3.0	150	0.32
282	Hanska loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.0	100	0.12
313	Spillville loam, occasionally flooded	NHEL	5	0.24	48	1.0	150	0.14
336	Delft clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	2.0	100	0.20

350	Canisteo clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.24	86	0.5	100	0.09
392	Biscay clay loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.0	150	0.14
499	Hanska loam, depressional	NHEL	4	0.24	56	0.5	125	0.10
548	Palms muck, sandy substratum	NHEL	5	0.00	134	0.5	125	0.10
664	Zook silty clay loam, occasionally flooded	NHEL	5	0.28	38	1.0	200	0.15
818	Lemond-Linder complex	NHEL	4	0.24	86	2.0	100	0.20
886	Nicollet-Crippin complex	NHEL	5	0.24	48	2.0	100	0.20
887B	Clarion-Swanlake loams, 2 to 6 percent slopes	NHEL	5	0.28	86	4.0	150	0.47
909C	Truman-Bold silt loams, 6 to 12 percent slopes	HEL	4	0.43	86	9.0	125	1.31
909D2	Bold-Truman silt loams, 12 to 18 percent slopes, eroded	HEL	4	0.43	86	15.0	150	3.13
920B	Clarion-Estherville complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	150	0.47
920C2	Clarion-Storden-Pilot Grove complex, 6 to 10 percent slopes, eroded	PHEL	5	0.28	48	9.0	125	1.31
920D2	Omsrud-Storden-Pilot Grove complex, 10 to 16 percent slopes, eroded	HEL	5	0.28	48	15.0	150	3.13
921C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	125	1.31
960D2	Omsrud-Storden loams, 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	125	2.86
960E	Omsrud-Storden loams, 10 to 22 percent slopes	HEL	5	0.28	86	20.0	150	5.00
1029	Pits, gravel	NHEL	5	0.10	134	10.0	25	0.69

1052	Klossner, Okoboji, and Glencoe soils, ponded, 0 to 1 percent slopes	NHEL	5	0.37	86	0.5	100	0.09
1090	Blue Earth silt loam	NHEL	5	0.28	86	1.0	100	0.12
1356	Water, miscellaneous							
1833	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.0	150	0.14
1834	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.0	100	0.12
1852F	Terril-Swanlake loams, 18 to 40 percent slopes	HEL	5	0.28	86	25.0	100	6.00
1877	Fostoria clay loam	NHEL	5	0.24	48	2.0	150	0.22
1907	Lakefield silt loam	NHEL	5	0.32	48	1.0	150	0.14
L13A	Klossner muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.5	100	0.09
L107A	Canisteo-Glencoe complex, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	100	0.13
L83A	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	100	0.12
L84A	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	48	0.5	100	0.09
L85A	Nicollet clay loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.0	150	0.22
L163A	Okoboji silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	0.5	100	0.09
W	Water							