

Highly Erodible Soil Map Unit List - **WRIGHT COUNTY, MN**

C=.12

R=130

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musym	muname	HELC	T	K	I	slope_%	slope_I	LS
8B	Sparta loamy sand, 1 to 6 percent slopes	NHEL	5	0.17	134	3	100	0.29
35	Blue Earth mucky silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	48	0.5	100	0.10
74B	Dickinson fine sandy loam, 1 to 6 percent slopes	NHEL	4	0.20	86	3	125	0.30
86	Canisteo clay loam, moderately fine substratum, 0 to 2 percent slopes	NHEL	5	0.28	86	0.5	50	0.08
106C2	Lester loam, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9	100	1.20
106D2	Lester loam, 12 to 18 percent slopes, eroded	HEL	5	0.28	48	15	75	2.30
106E	Lester loam, 18 to 25 percent slopes	HEL	5	0.28	48	21	75	3.50
109	Cordova clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1	50	0.10
114	Glencoe clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	48	0.5	100	0.10
138	Lerdal silty clay loam, 1 to 3 percent slopes	NHEL	5	0.32	38	2	125	0.21
158A	Zimmerman fine sand, 0 to 3 percent slopes	NHEL	5	0.15	220	1	125	0.14
158B	Zimmerman fine sand, 3 to 6 percent slopes	NHEL	5	0.15	220	3	125	0.14
158C	Zimmerman fine sand, 6 to 12 percent slopes	NHEL	5	0.15	220	9	110	1.20
158E	Zimmerman fine sand, 12 to 25 percent slopes	HEL	5	0.15	220	20	75	3.50
169C	Braham loamy fine sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9	100	1.20
181	Litchfield loamy fine sand, 0 to 2 percent slopes	NHEL	4	0.17	134	1	100	0.13
229	Waldorf silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1	100	0.13
231C	Lester fine sandy loam, 6 to 12 percent slopes	NHEL	5	0.24	86	9	100	1.20
231D	Lester fine sandy loam, 12 to 18 percent slopes	HEL	5	0.24	86	15	75	2.30
235	Nessel loam, 1 to 3 percent slopes	NHEL	5	0.28	48	2	125	0.21
239	Le Sueur clay loam, 1 to 3 percent slopes	NHEL	5	0.28	48	2	125	0.21
247	Linder loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1	100	0.13
255	Mayer loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1	50	0.10
256	Mazaska silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1	125	0.14
258B	Sandberg loamy sand, 2 to 6 percent slopes	NHEL	3	0.15	134	3	125	0.30
258C	Sandberg loamy sand, 6 to 12 percent slopes	NHEL	3	0.15	134	9	110	1.20
258E	Sandberg loamy sand, 12 to 35 percent slopes	HEL	3	0.15	134	20	75	3.50
260	Duelm loamy sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1	125	0.14
261	Isan-Isan, frequently ponded, complex, 0 to 2 percent slopes	NHEL	3	0.20	86	0.5	100	0.10
286B	Shorewood silty clay loam, 3 to 6 percent slopes	NHEL	5	0.28	86	4	100	0.40

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294A	Rasset sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1	125	0.14
323	Shields silty clay loam, 0 to 3 percent slopes	NHEL	5	0.28	38	2	125	0.21
327A	Dickman sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	50	0.10
327B	Dickman sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	3	125	0.30
375	Forada loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1	100	0.13
392	Biscay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1	50	0.10
406	Dorset sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	100	0.13
414	Hamel loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1	50	0.10
441	Almora loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1	100	0.13
461E	Koronis loam, 18 to 40 percent slopes	HEL	5	0.28	48	30	75	7.00
511	Marcellon loam, map <30, 0 to 3 percent slopes	NHEL	5	0.28	56	2	125	0.21
523	Houghton muck, depressional, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
525	Muskego muck, depressional, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
539	Klossner muck, depressional, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
540	Seelyeville muck, depressional, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
543	Markey muck, depressional, 0 to 1 percent slopes	NHEL	4	0.10	134	0.5	200	0.12
548	Medo muck, depressional, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
603	Hanlon fine sandy loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.20	86	1	100	0.13
611D	Hawick gravelly sandy loam, 12 to 25 percent slopes	HEL	3	0.10	0	18	100	3.50
708	Rushlake coarse sand, 1 to 4 percent slopes	NHEL	5	0.15	160	2	125	0.21
740	Hamel-Glencoe, depressional, complex, 0 to 3 percent slopes	NHEL	5	0.28	48	1	50	0.10
768	Mosford sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	150	0.15
771	Elkriver fine sandy loam, 0 to 2 percent slopes, rarely flooded	NHEL	4	0.20	86	1	100	0.13
783C2	Lester-Kilkenny complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9	100	1.20
792	Fordum fine sandy loam, 0 to 2 percent slopes, frequently flooded	NHEL	4	0.20	86	1	100	0.13
799	Seelyeville and Bowstring soils, 0 to 1 percent slopes, frequently flooded	NHEL	5	0.10	134	0.5	200	0.12
804B	Koronis-Sunburg-Hawick complex, 2 to 6 percent slopes	NHEL	5	0.24	86	4	125	0.43
804C2	Koronis-Sunburg-Hawick complex, 6 to 12 percent slopes, eroded	NHEL	5	0.24	86	9	100	1.20
804D2	Koronis-Sunburg-Hawick complex, 12 to 18 percent slopes, eroded	HEL	5	0.24	86	15	75	2.30
804E	Koronis-Sunburg-Hawick complex, 18 to 40 percent slopes	HEL	5	0.24	86	30	75	7.00

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musym	muname	HELC	T	K	I	slope_%	slope_l	LS
807D2	Koronis-Sunburg complex, 12 to 18 percent slopes, eroded	HEL	5	0.24	86	15	75	2.30
875B	Estherville-Hawick complex, 2 to 6 percent slopes	NHEL	3	0.20	86	3	110	0.30
875C	Hawick-Estherville complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9	100	1.20
896B	Kingsley-Gotham complex, 2 to 6 percent slopes	NHEL	5	0.20	86	4	125	0.43
896C	Kingsley-Gotham complex, 6 to 12 percent slopes	NHEL	5	0.20	86	9	110	1.20
945C2	Lester-Storden complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9	100	1.20
945D2	Lester-Storden complex, 12 to 18 percent slopes, eroded	HEL	5	0.28	48	15	75	2.30
956	Canisteo-Glencoe, depressional, complex, 0 to 2 percent slopes	NHEL	5	0.28	86	1	100	0.13
978	Cordova-Rolfe, depressional, complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1	50	0.10
1000	Arvilla sandy loam, map >25, 0 to 2 percent slopes	NHEL	3	0.20	86	1	150	0.15
1015	Udipsamments (cut and fill land)	NHEL						
1016	Udorhtents, loamy (cut and fill land)	NHEL						
1023C	Lester-Malardi complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	48	9	100	1.20
1023D	Lester-Malardi complex, 12 to 18 percent slopes, eroded	HEL	5	0.28	48	15	75	2.30
1026B	Lizzie silt loam, moderately wet, 1 to 5 percent slopes	NHEL	5	0.32	56	3	125	0.30
1027	Udorhtents, wet substratum (fill land)	NHEL						
1030	Pits, gravel-Udipsamments complex	NHEL						
1035B	Crowfork loamy sand, 1 to 6 percent slopes	NHEL	5	0.17	134	3	125	0.30
1035C	Crowfork loamy sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9	100	1.20
1035D	Crowfork loamy sand, 12 to 18 percent slopes	HEL	5	0.17	134	15	75	2.30
1036B	Angus fine sandy loam, 2 to 5 percent slopes	NHEL	5	0.24	86	4	125	0.43
1037	Eckvoll loamy fine sand, map >25, 0 to 3 percent slopes	NHEL	5	0.17	134	2	75	0.19
1038A	Verndale sandy loam, acid substratum, 0 to 2 percent slopes	NHEL	3	0.20	86	1	150	0.15
1038B	Verndale sandy loam, acid substratum, 2 to 6 percent slopes	NHEL	3	0.20	86	3	125	0.30
1066B	Malardi-Hawick complex, 1 to 6 percent slopes	NHEL	3	0.20	86	3	125	0.30
1066C	Malardi-Hawick complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9	100	1.20
1066E	Malardi-Hawick complex, 18 to 35 percent slopes	HEL	3	0.20	86	25	100	6.00
1072	Udorhtents, shallow (sanitary landfill)	NHEL						
1075	Klossner and Muskego soils, ponded, 0 to 1 percent slopes	NHEL	2	0.00	0	0.5	200	0.12
1080	Klossner, Okoboji, and Glencoe soils, ponded, 0 to 1 percent slopes	NHEL	5	0.28	0	0.5	200	0.12

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musym	muname	HELC	T	K	I	slope_%	slope_I	LS
1087B	Angus-Malardi complex, 2 to 6 percent slopes	NHEL	5	0.28	48	3	110	0.30
1094B	Angus-Cordova complex, 0 to 5 percent slopes	NHEL	5	0.28	48	3	125	0.30
1099	Granby loamy fine sand, very wet, 0 to 1 percent slopes	NHEL	5	0.17	134	0.5	100	0.10
1156	Cordova loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1	50	0.10
1163	Suckercreek loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	56	1	100	0.13
1165	Lundlake silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	0.5	100	0.10
1173	Muskego and Klossner soils, 0 to 1 percent slopes, frequently flooded	NHEL	2	0.10	0	0.5	200	0.12
1186	Forestcity-Lundlake, depressional, complex, 0 to 3 percent slopes	NHEL	5	0.28	48	0.5	100	0.10
1196B	Lida-Two Inlets complex, 1 to 8 percent slopes	NHEL	3	0.20	86	4	125	0.43
1196C	Lida-Two Inlets complex, 8 to 15 percent slopes	PHEL	3	0.20	86	11	75	1.20
1196E	Lida-Two Inlets complex, 15 to 30 percent slopes	HEL	3	0.20	86	24	110	6.00
1197	Suckercreek fine sandy loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	86	1	100	0.13
1199	Klossner and Lundlake soils, ponded, 0 to 1 percent slopes	NHEL	5	0.24	0	0.5	200	0.12
1203	Muskego, Blue Earth, and Houghton soils, ponded, 0 to 1 percent slopes	NHEL	5	0.10	0	0.5	200	0.12
1213C	Cokato-Storden complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	86	9	100	1.20
1213D	Cokato-Storden complex, 12 to 18 percent slopes, eroded	HEL	5	0.28	86	15	75	2.30
1220C	Cokato-Storden-Hawick complex, 6 to 12 percent slopes, eroded	PHEL	5	0.28	86	9	100	1.20
1223	Sandberg-Arvilla complex, map >25, 0 to 3 percent slopes	NHEL	3	0.20	86	1	125	0.14
1255	Elkriver fine sandy loam, 0 to 2 percent slopes, occasionally flooded	NHEL	4	0.20	86	1	25	0.08
1256	Cantlin loamy fine sand, 0 to 3 percent slopes	NHEL	5	0.17	134	1	100	0.13
1257	Elkriver-Mosford complex, 0 to 6 percent slopes, rarely flooded	NHEL	4	0.20	86	3	110	0.30
1260B	Stonelake-Nebish, moderately wet, complex, 2 to 6 percent slopes	NHEL	5	0.17	134	3	125	0.30
1260C	Stonelake-Nebish complex, 6 to 12 percent slopes	NHEL	5	0.17	134	9	110	1.20
1260E	Stonelake-Nebish complex, 12 to 25 percent slopes	HEL	5	0.17	0	18	100	3.50
1288	Seelyeville and Markey soils, ponded, 0 to 1 percent slopes	NHEL	5	0.10	0	0.5	200	0.12
1356	Water, miscellaneous	NHEL						
1362B	Angus loam, 2 to 5 percent slopes	NHEL	5	0.28	48	4	125	0.43
1368	Southaven loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1	100	0.13
1377B	Dorset-Two Inlets complex, 2 to 6 percent slopes	NHEL	3	0.20	86	3	125	0.30
1377C	Dorset-Two Inlets complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9	100	1.20

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1377D	Dorset-Two Inlets complex, 12 to 20 percent slopes	HEL	3	0.20	86	15	75	2.30
1377E	Dorset-Two Inlets complex, 20 to 35 percent slopes	HEL	3	0.20	86	25	75	5.30
1378	Fordum loam, 0 to 2 percent slopes, occasionally flooded	NHEL	4	0.28	48	1	100	0.13
1379B	Dorset-Almora complex, 1 to 4 percent slopes	NHEL	3	0.28	56	2	75	0.19
1380A	Bygland silt loam, map >25, 0 to 2 percent slopes	NHEL	5	0.32	48	1	100	0.13
1380B	Bygland silt loam, map >25, 2 to 6 percent slopes	NHEL	5	0.32	48	3	125	0.43
1380C	Bygland silt loam, map >25, 6 to 12 percent slopes, eroded	PHEL	5	0.32	48	9	100	1.20
1381	Lindaas silt loam, morainic, 0 to 2 percent slopes	NHEL	5	0.32	48	1	100	0.13
1383A	Shorewood silty clay loam, moderately wet, 0 to 3 percent slopes	NHEL	5	0.28	86	2	125	0.21
1388B	Terril loam, moderately wet, 2 to 6 percent slopes	NHEL	5	0.28	48	3	75	0.25
1406	Medo, Dassel, and Biscay soils, ponded, 0 to 1 percent slopes	NHEL	4	0.10	0	0.5	200	0.12
1408B	Angus-Kilkenny complex, 2 to 6 percent slopes	NHEL	5	0.28	48	3	125	0.30
1438B	Braham loamy fine sand, moderately wet, 2 to 5 percent slopes	NHEL	5	0.17	134	3	125	0.30
1443	Belleville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	100	0.13
1901B	Angus-Le Sueur complex, 1 to 5 percent slopes	NHEL	5	0.28	48	4	125	0.43
1931	Essexville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	100	0.13
1942	Forada mucky loam, depressional, 0 to 1 percent slopes	NHEL	4	0.28	56	0.5	100	0.10
1946	Fordum-Winterfield complex, 0 to 2 percent slopes, frequently flooded	NHEL	4	0.20	0	1	25	0.08
1975	Oylen sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1	125	0.14
D61A	Hubbard-Verndale, acid substratum, complex, Mississippi River Valley, 0 to 3 percent slopes	NHEL	3	0.20	86	1	150	0.15
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	NHEL	3	0.20	86	1	150	0.15
D67A	Hubbard loamy sand, Mississippi River Valley, 0 to 2 percent slopes	NHEL	5	0.15	134	1	125	0.14
D67B	Hubbard loamy sand, Mississippi River Valley, 2 to 6 percent slopes	NHEL	5	0.15	134	3	150	0.32
D67C	Hubbard loamy sand, Mississippi River Valley, 6 to 12 percent slopes	NHEL	5	0.15	134	9	110	1.20
L113B	Reedslake-Le Sueur complex, 1 to 6 percent slopes	NHEL						
L307B	Koronis loam, 2 to 6 percent slopes	NHEL	5	0.28	48	3	125	0.30
L307C2	Koronis loam, 6 to 12 percent slopes, moderatley eroded	PHEL	5	0.28	56	9	100	1.20
L317A	Barry loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1	100	0.13
L318A	Lundlake silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	0.5	100	0.10
L320A	Muskego and Klossner soils, lunkdlake catena, 0 to 1 percent slopes, frequently flooded	NHEL	2	0.10	0	0.5	200	0.12

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L324A	Forestcity, overwash-Forestcity complex, 1 to 4 percent slopes	NHEL	5	0.28	48	0.5	100	0.10
L330A	Muskego, Blue Earth and Houghton soils, lundlake catena, 0 to 1 percent slopes, ponded	NHEL	5	0.10	0	0.5	200	0.12
L331A	Klossner muck, lundlake catena, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
L334A	Houghton and Muskego soils, lundlake catena, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
L335A	Klossner soils, lundlake catena, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
L347A	Klossner and Lundlake soils, 0 to 1 percent slopes, ponded	NHEL	5	0.24	0	0.5	200	0.12
L350A	Marcellon loam, 0 to 3 percent slopes	NHEL	5	0.28	56	2	125	0.21
L351A	Houghton muck, lundlake catena, 0 to 1 percent slopes	NHEL	5	0.10	134	0.5	200	0.12
L355B	Koronis-Sundburg-Hawick complex, 2 to 6 percent slopes	NHEL	5	0.24	86	4	125	0.43
L355C2	Koronis-Sundburg-Hawick complex, 6 to 12 percent slopes, moderately eroded	NHEL	5	0.24	86	9	100	1.20
L355D2	Koronis-Sundburg-Hawick complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.24	86	15	75	2.30
L355E	Koronis-Sundburg-Hawick complex, 18 to 40 percent slopes	HEL	5	0.24	86	30	75	7.00
L357D2	Koronis-Sundburg complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.24	86	15	75	2.30
L1207B	Le Sueur-Reedslake-Cordova complex, 0 to 5 percent slopes	NHEL						
L1213B	Reedslake-Swanlake complex, 3 to 12 percent slopes	PHEL	5	0.28	48	9	100	1.20
W	Water	NHEL						