

Highly erodible soil mapunit list - Dakota County, MN

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C=0.10 R=140

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Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope l	LS
2B	Ostrander loam, 1 to 6 percent slopes	NHEL	5	0.28	48	4.00	250	0.57
2C	Ostrander loam, 6 to 12 percent slopes	PHEL	5	0.28	48	9.00	220	1.70
7A	Hubbard loamy sand, 0 to 1 percent slopes	NHEL	5	0.15	134	1.00	75	0.12
7B	Hubbard loamy sand, 1 to 6 percent slopes	NHEL	5	0.15	134	3.00	120	0.30
7C	Hubbard loamy sand, 6 to 12 percent slopes	NHEL	5	0.15	134	8.00	110	1.00
7D	Hubbard loamy sand, 12 to 18 percent slopes	PHEL	5	0.15	134	15.00	100	2.50
8A	Sparta loamy fine sand, 0 to 1 percent slopes	NHEL	5	0.17	134	1.00	125	0.14
8B	Sparta loamy fine sand, 1 to 6 percent slopes	NHEL	5	0.17	134	3.00	110	0.30
12C	Emmert very gravelly sandy loam, 3 to 15 percent slopes	PHEL	2	0.17		8.00	75	0.85
27A	Dickinson sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.00	110	0.29
27B	Dickinson sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	3.00	100	0.29
39A	Wadena loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.00	100	0.13
39B	Wadena loam, 2 to 6 percent slopes	NHEL	4	0.24	48	3.00	125	0.30
39B2	Wadena loam, 2 to 6 percent slopes, eroded	NHEL	4	0.24	48	3.00	125	0.30
39C	Wadena loam, 6 to 12 percent slopes	PHEL	4	0.24	48	8.00	120	1.00
39C2	Wadena loam, 6 to 12 percent slopes, moderately eroded	PHEL	4	0.24	48	8.00	120	1.00
39D	Wadena loam, 12 to 18 percent slopes	HEL	4	0.24	48	15.00	110	2.70
41A	Estherville sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.00	100	0.13
41B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	3.00	100	0.29
42C	Salida gravelly coarse sandy loam, 2 to 12 percent slopes	NHEL	3	0.10	86	7.00	100	0.83
49B	Antigo silt loam, 1 to 8 percent slopes	NHEL	4	0.37	56	4.00	100	0.40
81B	Boone loamy fine sand, 2 to 6 percent slopes	NHEL	4	0.17	134	3.00	110	0.30
81C	Boone loamy fine sand, 6 to 12 percent slopes	NHEL	4	0.17	134	9.00	100	1.20
81E	Boone loamy fine sand, 12 to 40 percent slopes	HEL	4	0.17	134	20.00	100	4.00
94C	Terril loam, 4 to 12 percent slopes	NHEL	5	0.24	48	8.00	100	0.99
98	Colo silt loam, occasionally flooded	NHEL	5	0.28	48	1.00	50	0.11
100A	Copaston loam, 0 to 2 percent slopes	NHEL	2	0.28	56	1.00	75	0.12
100B	Copaston loam, 2 to 6 percent slopes	NHEL	2	0.28	56	3.00	110	0.30
100C	Copaston loam, 6 to 12 percent slopes	HEL	2	0.28	56	8.00	100	0.99
106B	Lester loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	150	0.47
106C	Lester loam, 6 to 10 percent slopes	PHEL	5	0.28	48	9.00	150	1.40
106C2	Lester loam, 6 to 10 percent slopes, eroded	PHEL	5	0.28	48	9.00	150	1.40

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106D2	Lester loam, 10 to 16 percent slopes, eroded	HEL	5	0.28	48	15.00	125	2.80
109	Cordova clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	0.50	80	0.09
113	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	0.50	80	0.09
114	Glencoe silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	0.50	50	0.08
129	Cylinder loam	NHEL	4	0.24	48	0.50	50	0.08
150B	Spencer silt loam, 2 to 6 percent slopes	NHEL	5	0.37	56	3.00	125	0.30
151C	Burkhardt sandy loam, 6 to 12 percent slopes	PHEL	3	0.20	86	9.00	125	1.20
151D	Burkhardt sandy loam, 12 to 18 percent slopes	HEL	3	0.20	86	15.00	120	2.80
155B	Chetek sandy loam, 3 to 8 percent slopes	NHEL	3	0.24	86	5.00	110	0.56
155C	Chetek sandy loam, 8 to 15 percent slopes	HEL	3	0.24	86	11.00	100	1.60
155E	Chetek sandy loam, 15 to 25 percent slopes	HEL	3	0.24	86	20.00	90	3.80
173F	Frontenac silt loam, 25 to 40 percent slopes	HEL	4	0.32	48	30.00	150	10.00
176	Garwin silty clay loam	NHEL	5	0.28	38	0.50	50	0.08
177A	Gotham loamy fine sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1.00	75	0.12
177B	Gotham loamy fine sand, 2 to 6 percent slopes	NHEL	5	0.17	134	3.00	110	0.30
177C	Gotham loamy fine sand, 6 to 12 percent slopes	NHEL	5	0.17	134	9.00	100	1.20
189	Auburndale silt loam	NHEL	5	0.37	56	0.50	50	0.08
203B	Joy silt loam, 1 to 5 percent slopes	NHEL	5	0.28	48	3.00	100	0.29
208	Kato silty clay loam	NHEL	4	0.28	38	0.50	50	0.08
213B	Klinger silt loam, 1 to 5 percent slopes	NHEL	5	0.28	48	3.00	110	0.30
226	Lawson silt loam	NHEL	5	0.28	56	1.00	100	0.13
239	Le Sueur loam, 1 to 3 percent slopes	NHEL	5	0.24	48	1.00	75	0.12
250	Kennebec silt loam	NHEL	5	0.32	48	1.00	80	0.12
251D	Marlean loam, 12 to 18 percent slopes	HEL	2	0.24	48	15.00	125	2.80
251E	Marlean loam, 18 to 25 percent slopes	HEL	2	0.24	48	20.00	120	4.50
252	Marshan silty clay loam	NHEL	4	0.28	38	1.00	100	0.13
253	Maxcreek silty clay loam	NHEL	5	0.28	38	1.00	100	0.13
255	Mayer silt loam	NHEL	4	0.28	86	1.00	80	0.12
279B	Otterholt silt loam, 1 to 6 percent slopes	NHEL	5	0.37	56	3.00	110	0.30
279C	Otterholt silt loam, 6 to 15 percent slopes	PHEL	5	0.37	56	9.00	100	1.20
283A	Plainfield loamy sand, 0 to 2 percent slopes	NHEL	5	0.17	134	1.00	75	0.12
283B	Plainfield loamy sand, 2 to 6 percent slopes	NHEL	5	0.17	134	3.00	120	0.29

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283D	Plainfield loamy sand, 6 to 18 percent slopes	PHEL	5	0.17	134	11.00	110	1.80
285A	Port Byron silt loam, 0 to 2 percent slopes	NHEL	5	0.32	48	1.00	100	0.13
285B	Port Byron silt loam, 2 to 6 percent slopes	NHEL	5	0.32	48	3.00	200	0.35
285C	Port Byron silt loam, 6 to 12 percent slopes	PHEL	5	0.32	48	9.00	180	1.60
299A	Rockton loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.00	125	0.14
299B	Rockton loam, 2 to 6 percent slopes	NHEL	4	0.28	48	3.00	150	0.32
299C	Rockton loam, 6 to 12 percent slopes	PHEL	4	0.28	48	9.00	130	1.40
301B	Lindstrom silt loam, 1 to 4 percent slopes	NHEL	5	0.28	56	2.00	110	0.30
313	Spillville loam, occasionally flooded	NHEL	5	0.24	48	0.50	75	0.09
317	Oshawa silty clay loam	NHEL	5	0.28		0.50	50	0.08
318	Mayer loam, swales	NHEL	4	0.24	86	0.50	75	0.09
320B	Tallula silt loam, 2 to 6 percent slopes	NHEL	5	0.32	56	3.00	210	0.35
320C2	Tallula silt loam, 6 to 12 percent slopes, eroded	PHEL	5	0.32	56	9.00	180	1.60
342B	Kingsley sandy loam, 3 to 8 percent slopes	NHEL	5	0.20	86	4.00	110	0.42
342C	Kingsley sandy loam, 8 to 15 percent slopes	NHEL	5	0.20	86	10.00	100	1.20
342E	Kingsley sandy loam, 15 to 25 percent slopes	HEL	5	0.20	86	20.00	100	4.00
342F	Kingsley sandy loam, 25 to 40 percent slopes	HEL	5	0.20	86	30.00	100	8.00
344	Quam silt loam	NHEL	5	0.28	48	0.50	100	0.10
377B	Merton silt loam, 1 to 6 percent slopes	NHEL	5	0.32	48	3.00	150	0.32
378	Maxfield silty clay loam	NHEL	5	0.28	38	1.00	100	0.13
382B	Blooming silt loam, 1 to 6 percent slopes	NHEL	5	0.32	48	3.00	150	0.32
408	Faxon silty clay loam	NHEL	4	0.28	38	0.50	100	0.10
409B	Etter fine sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.00	150	0.47
409C	Etter fine sandy loam, 6 to 12 percent slopes	PHEL	4	0.20	86	9.00	125	1.40
411A	Waukegan silt loam, 0 to 1 percent slopes	NHEL	4	0.32	48	0.50	75	0.09
411B	Waukegan silt loam, 1 to 6 percent slopes	NHEL	4	0.32	48	3.00	150	0.32
411C	Waukegan silt loam, 6 to 12 percent slopes	PHEL	4	0.32	48	9.00	125	1.40
414	Hamel loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	75	0.12
415A	Kanaranzi loam, 0 to 2 percent slopes	NHEL	3	0.24	48	1.00	125	0.14
415B	Kanaranzi loam, 2 to 6 percent slopes	NHEL	3	0.24	48	3.00	110	0.30
415C	Kanaranzi loam, 6 to 12 percent slopes	PHEL	3	0.24	48	9.00	100	1.20
449B	Crystal Lake silt loam, 1 to 8 percent slopes	NHEL	5	0.37	56	4.00	125	0.43

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454B	Mahtomedi loamy sand, 3 to 8 percent slopes	NHEL	5	0.15	134	4.00	110	0.42
454C	Mahtomedi loamy sand, 8 to 15 percent slopes	NHEL	5	0.15	134	10.00	110	1.40
454E	Mahtomedi loamy sand, 15 to 25 percent slopes	HEL	5	0.15	134	20.00	100	4.00
463	Minneiska loam, occasionally flooded	NHEL	5	0.28	86	1.00	75	0.12
465	Kalmarville sandy loam, frequently flooded	NHEL	5	0.20	86	1.00	75	0.12
495	Zumbro fine sandy loam	NHEL	5	0.20	86	0.50	75	0.09
522	Boots muck	NHEL	5		134	0.50	200	0.12
539	Klossner muck, 0 to 1 percent slopes	NHEL	5		134	0.50	200	0.12
540	Seelyeville muck	NHEL	5		134	0.50	200	0.12
545	Rondeau muck	NHEL	5		134	0.50	200	0.12
611C	Hawick coarse sandy loam, 6 to 12 percent slopes	NHEL	5	0.17	86	9.00	125	1.20
611D	Hawick coarse sandy loam, 12 to 18 percent slopes	HEL	5	0.17	86	15.00	110	2.70
611E	Hawick loamy sand, 18 to 25 percent slopes	HEL	5	0.17	134	20.00	110	4.50
611F	Hawick loamy sand, 25 to 50 percent slopes	HEL	5	0.17	134	35.00	100	10.50
857A	Urban land-Waukegan complex, 0 to 1 percent slopes	NHEL	4	0.32	48	1.00	100	0.13
857B	Urban land-Waukegan complex, 1 to 8 percent slopes	NHEL	4	0.32	48	4.00	120	0.43
858C	Urban land-Chetek complex, 1 to 15 percent slopes	NHEL	3	0.24	86	5.00	100	0.54
860C	Urban land-Lester complex, 3 to 15 percent slopes	NHEL	5	0.28	48	5.00	120	0.59
861C	Urban land-Kingsley complex, 3 to 15 percent slopes	NHEL	5	0.20	86	5.00	110	0.56
861E	Urban land-Kingsley complex, 15 to 25 percent slopes	HEL	5	0.20	86	20.00	100	4.00
865B	Urban land-Hubbard complex, 0 to 6 percent slopes	NHEL	5	0.15	134	3.00	110	0.30
880F	Brodale-Rock outcrop complex, 18 to 45 percent slopes	HEL	5	0.17		25.00	110	6.00
888B	Kingsley-Lester complex, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	110	0.42
888C	Kingsley-Lester complex, 6 to 12 percent slopes	PHEL	5	0.28	48	9.00	100	1.20
888D	Kingsley-Lester complex, 12 to 18 percent slopes	HEL	5	0.28	48	15.00	100	2.40
889B	Wadena-Hawick complex, 2 to 6 percent slopes	NHEL	4	0.24	48	3.00	110	0.30
889C	Wadena-Hawick complex, 6 to 12 percent slopes	PHEL	4	0.24	48	9.00	100	1.20
889D	Wadena-Hawick complex, 12 to 18 percent slopes	HEL	4	0.24	48	15.00	90	2.40
895B	Kingsley-Mahtomedi-Spencer complex, 3 to 8 percent slopes	NHEL	5	0.37	56	4.00	125	0.43
895C	Kingsley-Mahtomedi-Spencer complex, 8 to 15 percent slopes	HEL	5	0.37	56	10.00	110	1.40
896E	Kingsley-Mahtomedi complex, 15 to 25 percent slopes	HEL	5	0.20	86	18.00	110	3.50
896F	Kingsley-Mahtomedi complex, 25 to 40 percent slopes	HEL	5	0.20	86	30.00	100	8.00

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N507C2	Timula-Mt. Carroll complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.37	56	9.00	130	1.40
N507D2	Timula-Mt. Carroll complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.37	56	15.00	120	2.80
N507E	Timula-Mt. Carroll complex, 18 to 25 percent slopes	HEL	5	0.37	56	20.00	110	4.50
1003	Anthroportic Udorthents-Pits-Dumps complex, abandoned, 2 to 45 percent slopes							
1010	Pits, limestone quarry							
1027	Udorthents, wet							
1030	Pits, sand and gravel							
1039	Urban land							
1055	Aquolls and Histosols, ponded	NHEL						
1072	Udorthents, moderately shallow	NHEL						
1078	Anthroportic Udorthens, 2 to 9 percent slopes							
1815	Zumbro loamy fine sand	NHEL	5	0.17	134	1.00	75	0.12
1816	Kennebec variant silt loam	NHEL	5	0.32	48	1.00	75	0.12
1821	Alganssee sandy loam, occasionally flooded	NHEL	5	0.24	86	1.00	100	0.13
1824	Quam silt loam, ponded	NHEL	5	0.28		0.50	150	0.11
1825C	Seelyeville muck, sloping	NHEL	5		134	4.00	200	0.12
1827A	Waukegan silt loam, bedrock substratum, 0 to 2 percent slopes	NHEL	4	0.32	48	1.00	100	0.13
1827B	Waukegan silt loam, bedrock substratum, 2 to 6 percent slopes	NHEL	4	0.32	48	3.00	120	0.30
1827C	Waukegan silt loam, bedrock substratum, 6 to 12 percent slopes	PHEL	4	0.32	48	9.00	110	1.20
1848B	Sparta loamy sand, bedrock substratum, 2 to 8 percent slopes	NHEL	5	0.17	134	4.00	110	0.42
1894B	Winnebago loam, 2 to 6 percent slopes	NHEL	5	0.28	56	3.00	110	0.30
1895B	Carmi loam, 2 to 8 percent slopes	NHEL	4	0.28	56	4.00	150	0.47
1896B	Ostrander-Carmi loams, 2 to 6 percent slopes	NHEL	4	0.28	56	4.00	150	0.47
1898F	Etter-Brodale complex, 25 to 60 percent slopes	HEL	4	0.20	86	35.00	125	11.50
1902B	Jewett silt loam, 1 to 6 percent slopes	NHEL	4	0.37	56	3.00	100	0.29
W	Water							