

Highly erodible soil mapunit list - Olmsted County, MN

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C=0.08 R=150

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Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope l	LS
2A	Ostrander silt loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	200	0.16
2B	Ostrander loam, 2 to 5 percent slopes	NHEL	5	0.28	48	4.00	200	0.53
11C	Sogn loam, 4 to 12 percent slopes	HEL	1	0.32	86	8.00	100	0.99
16	Arenzville silt loam, 0 to 3 percent slopes, occasionally flooded	NHEL	5	0.37	56	1.00	200	0.16
19	Chaseburg silt loam, moderately well drained, 0 to 2 percent slopes	NHEL	5	0.37	56	2.00	100	0.20
23	Skyberg silt loam	NHEL	5	0.37	48	2.00	100	0.20
24	Kasson silt loam	NHEL	5	0.32	56	4.00	200	0.53
25	Becker loam	NHEL	4	0.20	56	2.00	300	0.28
27A	Dickinson sandy loam, 0 to 1 percent slopes	NHEL	4	0.20	86	1.00	300	0.18
27B	Dickinson sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.00	150	0.47
27C	Dickinson sandy loam, 6 to 12 percent slopes	PHEL	4	0.20	86	8.00	150	1.21
30B	Kenyon loam, 2 to 5 percent slopes	NHEL	5	0.28	48	4.00	200	0.53
42E	Salida gravelly sandy loam, 12 to 35 percent slopes	HEL	3	0.10	38	28.00	100	7.10
73F	Bellechester loamy sand, 25 to 45 percent slopes	HEL	5	0.15	134	35.00	150	12.52
99B	Racine silt loam, 1 to 6 percent slopes	NHEL	5	0.32	48	4.00	200	0.53
99C	Racine silt loam, 6 to 12 percent slopes	HEL	5	0.32	48	8.00	130	1.13
99D2	Racine loam, 12 to 18 percent slopes, eroded	HEL	5	0.32	48	14.00	130	2.62
131B	Massbach silt loam, 2 to 6 percent slopes	NHEL	4	0.32	48	4.00	200	0.53
131C	Massbach silt loam, 6 to 12 percent slopes	HEL	4	0.32	48	8.00	200	1.40
131D	Massbach silt loam, 12 to 18 percent slopes	HEL	4	0.32	48	14.00	200	3.24
143B	Eleva sandy loam, 2 to 6 percent slopes	NHEL	4	0.24	86	4.00	150	0.47
143C	Eleva sandy loam, 6 to 12 percent slopes	PHEL	4	0.24	86	8.00	130	1.13
173F	Frontenac loam, 15 to 35 percent slopes	HEL	4	0.32	48	25.00	200	8.33
176	Garwin silty clay loam	NHEL	5	0.28	38	1.00	200	0.16
203	Joy silt loam, 1 to 4 percent slopes	NHEL	5	0.28	48	2.00	200	0.25
209A	Kegonsa silt loam, 0 to 2 percent slopes	NHEL	4	0.32	56	1.00	300	0.18
209B	Kegonsa silt loam, 2 to 6 percent slopes	NHEL	4	0.32	56	4.00	150	0.47
216B	Lamont sandy loam, 2 to 6 percent slopes	NHEL	4	0.24	86	4.00	150	0.47
244C	Lilah sandy loam, 6 to 12 percent slopes	HEL	3	0.20	86	8.00	130	1.10
251F	Marlean silty clay loam, 25 to 40 percent slopes	HEL	2	0.28	38	30.00	150	9.74
251G	Marlean silty clay loam, 40 to 80 percent slopes	HEL	2	0.28	38	60.00	200	32.74
252	Marshan silt loam	NHEL	4	0.28	48	1.00	300	0.18

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283B	Plainfield loamy sand, river valley, 1 to 6 percent slopes	NHEL	5	0.17	134	3.00	200	0.39
283C	Plainfield sand, river valley, 6 to 15 percent slopes	NHEL	5	0.15	310	8.00	150	1.21
283E	Plainfield sand, river valley, 12 to 25 percent slopes	HEL	5	0.15	310	20.00	130	4.65
285A	Port Byron silt loam, 0 to 2 percent slopes	NHEL	5	0.32	48	1.00	300	0.18
285B	Port Byron silt loam, 2 to 6 percent slopes	NHEL	5	0.32	48	3.00	225	0.41
285C	Port Byron silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	7.00	150	1.01
289	Radford silt loam	NHEL	5	0.28	48	1.00	300	0.18
295	Readlyn loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.00	250	0.26
298	Richwood silt loam, 0 to 2 percent slopes	NHEL	5	0.28	56	1.00	200	0.16
299A	Rockton loam, 0 to 1 percent slopes	NHEL	4	0.28	48	1.00	300	0.18
299B	Rockton loam, 1 to 6 percent slopes	NHEL	4	0.28	48	4.00	200	0.53
299C	Rockton loam, 6 to 12 percent slopes	HEL	4	0.28	48	8.00	100	0.99
301B	Lindstrom silt loam, 2 to 6 percent slopes	NHEL	5	0.28	56	4.00	200	0.52
301C	Lindstrom silt loam, 6 to 15 percent slopes	PHEL	5	0.28	56	10.00	150	1.68
309C	Schapville silty clay loam, 6 to 12 percent slopes	HEL	4	0.32	38	8.00	130	1.13
309D	Schapville silty clay loam, 12 to 25 percent slopes	HEL	4	0.32	38	18.00	130	3.93
312B	Shullsburg silt loam, 2 to 6 percent slopes	NHEL	4	0.32	48	4.00	200	0.53
312C	Shullsburg silt loam, 6 to 12 percent slopes	HEL	4	0.32	48	8.00	150	1.21
313	Spillville silt loam	NHEL	5	0.24	48	1.00	300	0.17
322C2	Timula silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.37	56	8.00	130	1.13
322D2	Timula silt loam, 12 to 20 percent slopes, moderately eroded	HEL	5	0.37	56	22.00	100	4.77
333	Vasa silt loam	NHEL	5	0.32	56	3.00	200	0.38
340B	Whalan loam, 1 to 6 percent slopes	NHEL	4	0.32	48	4.00	200	0.53
340C	Whalan loam, 6 to 12 percent slopes	HEL	4	0.32	48	8.00	130	1.13
369B	Waubeeek silt loam, 1 to 6 percent slopes	NHEL	5	0.32	48	4.00	200	0.53
369C	Waubeeek silt loam, 6 to 12 percent slopes	HEL	5	0.28	48	8.00	130	1.13
378	Maxfield silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1.00	200	0.16
401B	Mt. Carroll silt loam, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.32	48	4.00	200	0.53
401C	Mt. Carroll silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	8.00	150	1.21
401C2	Mt. Carroll silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	8.00	130	1.13
401D	Mt. Carroll silt loam, 12 to 20 percent slopes, moderately eroded	HEL	5	0.32	48	14.00	130	2.62
401D2	Mt. Carroll silt loam, 12 to 20 percent slopes, moderately eroded	HEL	5	0.32	48	14.00	130	2.62

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401E	Mt. Carroll silt loam, 12 to 20 percent slopes, moderately eroded	HEL	5	0.32	48	22.00	130	5.44
401E	Mt. Carroll silt loam, 18 to 25 percent slopes, moderately eroded	HEL	5	0.32	48	22.00	130	5.44
463	Minneiska loam, occasionally flooded	NHEL	5	0.28	86	1.00	200	0.16
465	Kalmarville silt loam	NHEL	4	0.28	56	1.00	200	0.16
467	Sawmill silty clay loam	NHEL	5	0.28	38	1.00	300	0.18
468	Otter silt loam, channeled	NHEL	5	0.28	48	1.00	200	0.16
471	Root silt loam	NHEL	4	0.32	56	1.00	200	0.16
472B	Channahon loam, 1 to 6 percent slopes	NHEL	1	0.37	48	4.00	130	0.44
472C	Channahon loam, 6 to 12 percent slopes	HEL	1	0.37	48	8.00	130	1.13
473D	Dorerton loam, 12 to 25 percent slopes	HEL	3	0.32	56	22.00	130	5.44
473F	Dorerton loam, 25 to 40 percent slopes	HEL	3	0.32	56	32.00	130	10.08
474B	Haverhill silty clay loam, 1 to 8 percent slopes	NHEL	4	0.37	38	6.00	200	0.95
475B	Backbone sandy loam, 1 to 6 percent slopes	NHEL	4	0.20	86	4.00	200	0.53
476B	Frankville silt loam, 1 to 6 percent slopes	NHEL	4	0.32	48	4.00	200	0.53
476C	Frankville silt loam, 6 to 12 percent slopes	HEL	4	0.32	48	8.00	150	1.21
477A	Littleton silt loam, 0 to 1 percent slopes	NHEL	5	0.32	48	1.00	300	0.18
477B	Littleton silt loam, 1 to 4 percent slopes	NHEL	5	0.32	48	3.00	200	0.39
478B	Coggon silt loam, 2 to 6 percent slopes	NHEL	5	0.32	48	4.00	200	0.53
479	Floyd silt loam, 1 to 4 percent slopes	NHEL	5	0.24	48	3.00	200	0.39
483A	Waukee loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.00	200	0.16
483B	Waukee loam, 2 to 5 percent slopes	NHEL	4	0.24	48	4.00	150	0.47
484C	Eyota sandy loam, 6 to 12 percent slopes	PHEL	5	0.20	86	8.00	150	1.21
484E	Eyota loamy sand, 12 to 25 percent slopes	HEL	5	0.20	134	22.00	150	5.84
485	Lawler loam	NHEL	4	0.24	48	1.00	300	0.19
486	Marshan silt loam, depressional	NHEL	4	0.28	48	1.00	300	0.18
487	Hoopeston sandy loam	NHEL	4	0.20	86	2.00	200	0.25
488F	Brodale flaggy loam, 25 to 40 percent slopes	HEL	5	0.17	48	32.00	100	8.84
488G	Brodale flaggy sandy loam, 40 to 80 percent slopes	HEL	5	0.17	48	60.00	200	32.74
489A	Atkinson loam, 0 to 1 percent slopes	NHEL	4	0.28	48	1.00	200	0.16
489B	Atkinson loam, 1 to 6 percent slopes	NHEL	4	0.28	48	4.00	200	0.56
491B	Waucoma loam, 2 to 6 percent slopes	NHEL	4	0.28	48	4.00	200	0.53
492B	Nasset silt loam, 2 to 6 percent slopes	NHEL	4	0.28	48	4.00	200	0.53

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492C	Nasset silt loam, 6 to 12 percent slopes	HEL	4	0.32	48	8.00	130	1.13
493B	Oronoco loam, 2 to 6 percent slopes	NHEL	5	0.32	56	4.00	150	0.47
493C	Oronoco loam, 6 to 12 percent slopes	HEL	5	0.32	56	8.00	100	0.99
493D	Oronoco fine sandy loam, 12 to 18 percent slopes	HEL	5	0.24	86	14.00	100	2.29
495	Zumbro loamy sand	NHEL	5	0.17	134	2.00	200	0.25
516A	Dowagiac loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.00	300	0.18
516B	Dowagiac silt loam, 2 to 6 percent slopes	NHEL	4	0.28	56	4.00	150	0.47
516C	Dowagiac sandy loam, 6 to 12 percent slopes	PHEL	4	0.20	86	8.00	130	1.13
528B	Palms muck, 1 to 6 percent slopes	NHEL	5	0.02	134	3.00	200	0.39
593D	Elbaville silt loam, 12 to 18 percent slopes	HEL	4	0.32	56	14.00	200	3.24
593E	Elbaville silt loam, 18 to 30 percent slopes	HEL	4	0.32	56	22.00	150	5.84
898F	Brodale-Bellechester complex, 25 to 60 percent slopes	HEL	5	0.15	134	40.00	200	17.89
973D	Brodale-Sogn complex, 12 to 25 percent slopes	HEL	1	0.32	86	22.00	100	4.77
1003	Anthroportic Udorthents-Pits-Dumps complex, abandoned, 2 to 45 percent slopes							
1010	Pits, limestone quarry							
1030	Pits, sand and gravel							
1039	Urban land							
1078	Anthroportic Udorthents, 2 to 9 percent slopes							
1811B	Lamont-Racine complex, 2 to 6 percent slopes	NHEL	4	0.24	86	4.00	200	0.53
1812B	Terril loam, sandy substratum, 1 to 6 percent slopes	NHEL	5	0.24	48	3.00	200	0.39
1819G	Dorerton-Rock outcrop complex, very steep	HEL	3	0.32	56	45.00	150	18.62
1832C	Ostrander-Dowagiac loams, 6 to 12 percent slopes	HEL	3	0.28	56	8.00	100	0.99
1846	Kato silty clay loam, depressional	NHEL	4	0.28	38	1.00	300	0.18
W	Water							