

Highly erodible soil mapunit list - Dodge County, MN

This data is only to be used for HEL determinations

C=0.09 R=150

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Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope I	LS
L57A	Medo muck, depressional, 0 to 1 percent slopes	NHEL	2	0.02	134	0.00	250	0.16
L171A	Merton silt loam, 1 to 3 percent slopes	NHEL	5	0.32	48	2.00	200	0.16
L177B	Moland silt loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	200	0.53
L180A	Maxcreek silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	250	0.16
L181A	Kish, till substratum-Mayer complex, 0 to 2 percent slopes	NHEL	4	0.24	86	1.00	250	0.16
L182A	Newry silt loam, 1 to 3 percent slopes	NHEL	5	0.32	48	2.00	200	0.16
L183B	Blooming silt loam, 2 to 6 percent slopes	NHEL	5	0.32	56	4.00	200	0.53
L183C2	Blooming silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.37	48	8.00	100	0.99
L190B	Warsaw loam, morainic, 2 to 6 percent slopes	NHEL	5	0.32	56	4.00	200	0.53
L190C2	Warsaw loam, morainic, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	56	8.00	100	0.99
M502A	Warsaw loam, 0 to 3 percent slopes	NHEL	4	0.28	48	1.00	250	0.16
M504A	Marshan clay loam, 0 to 2 percent slopes, rarely flooded	NHEL	4	0.28	48	1.00	250	0.16
M505A	Klinger silt loam, 1 to 4 percent slopes	NHEL	5	0.32	48	2.00	200	0.16
M506B	Kasson silt loam, 1 to 6 percent slopes	NHEL	5	0.32	56	4.00	200	0.53
M507A	Marquis silt loam, 1 to 3 percent slopes	NHEL	5	0.32	48	2.00	250	0.16
M507B	Marquis silt loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	200	0.53
M508A	Oran silt loam, 1 to 3 percent slopes	NHEL	5	0.32	48	2.00	250	0.16
M509A	Mantorville loam, 0 to 2 percent slopes	NHEL	4	0.28	56	1.00	250	0.16
M509B	Mantorville loam, 2 to 6 percent slopes	NHEL	4	0.24	56	4.00	150	0.47
M509C2	Mantorville loam, 6 to 12 percent slopes, moderately eroded	HEL	4	0.24	56	8.00	100	0.99
M510A	Maxfield silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	250	0.16
M511A	Readlyn silt loam, 1 to 3 percent slopes	NHEL	5	0.32	48	2.00	250	0.16
M512A	Menomin-Hayfield complex, 0 to 4 percent slopes	NHEL	4	0.32	48	1.00	250	0.16
M513A	Meridian loam, 0 to 3 percent slopes	NHEL	4	0.28	56	2.00	250	0.16
M514A	Lawler-Marshan complex, 0 to 2 percent slopes	NHEL	4	0.28	48	1.00	250	0.16
M515A	Tripoli silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	250	0.16
M517A	Clyde silty clay loam, 0 to 3 percent slopes	NHEL	5	0.28	48	2.00	250	0.16
M518B	Clyde-Floyd complex, 1 to 4 percent slopes	NHEL	5	0.28	48	2.00	200	0.16
M521C2	Kenyon silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	8.00	130	1.13
M522D2	Bassett-Racine complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.37	48	15.00	100	2.56
M522E	Bassett-Racine complex, 18 to 25 percent slopes	HEL	5	0.37	48	22.00	100	4.77
M523C2	Bassett-Kasson complex, 6 to 12 percent slopes, moderately eroded	HEL	5	0.28	48	8.00	150	1.21

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M524A	Hayfield silt loam, 0 to 2 percent slopes	NHEL	4	0.32	48	1.00	250	0.16
M525A	Dakota silt loam, 0 to 3 percent slopes	NHEL	4	0.32	56	1.00	250	0.16
M526B	Winneshiek silt loam, 2 to 6 percent slopes	NHEL	4	0.28	48	4.00	200	0.53
M526C2	Winneshiek silt loam, 6 to 12 percent slopes, moderately eroded	HEL	4	0.28	48	8.00	125	1.11
M527D2	Nasset-Winneshiek complex, 12 to 18 percent slopes, moderately eroded	HEL	4	0.28	48	15.00	100	2.56
M532A	Maxfield silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.00	250	0.16
M533A	Marshan clay loam, depressional, 0 to 1 percent slopes	NHEL	4	0.28	48	0.00	250	0.16
N501B	Downs silt loam, 2 to 6 percent slopes	NHEL	5	0.37	56	4.00	200	0.53
N501C2	Downs silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.37	56	8.00	150	1.21
N501D2	Downs silt loam, 12 to 18 percent slopes, moderately eroded	HEL	5	0.37	56	14.00	125	2.57
N510E	Sylvester-Downs complex, 20 to 45 percent slopes	HEL	2	0.24	48	55.00	200	28.97
N514B	Joy-Ossian, occasionally flooded, complex, 1 to 5 percent slopes	NHEL	5	0.28	48	2.00	250	0.16
N522A	Otter silt loam, drainageway, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	48	1.00	250	0.16
N534E	Downs-Nasset complex, 18 to 25 percent slopes	HEL	4	0.32	48	22.00	100	4.77
N536B	Tama silt loam, 2 to 6 percent slopes	NHEL	5	0.32	48	4.00	200	0.53
N536C2	Tama silt loam, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	8.00	130	1.13
N537E2	Fayette-Hersey, bedrock substratum, complex, 18 to 25 percent slopes, moderately eroded	HEL	5	0.37	56	22.00	130	5.44
N538C2	Waubek and Massbach soils, 6 to 12 percent slopes, moderately eroded	HEL	4	0.28	48	8.00	125	1.11
N552B	Schapville-Winneshiek complex, 2 to 6 percent slopes	NHEL	4	0.32	48	4.00	200	0.53
N555B	Tama-Dinsmore complex, 2 to 6 percent slopes	NHEL	5	0.32	48	4.00	200	0.53
N555C2	Tama-Dinsmore complex, 6 to 12 percent slopes, moderately eroded	HEL	5	0.32	48	8.00	130	1.13
N560E2	Fayette-Hersey complex, 18 to 25 percent slopes, moderately eroded	HEL	5	0.37	56	22.00	130	5.44
N572B	Downs-Hersey, bedrock substratum, complex, 2 to 6 percent slopes	NHEL	5	0.37	56	4.00	200	0.53
N572C2	Downs-Hersey, bedrock substratum, complex, 6 to 12 percent slopes, moderately eroded	HEL	5	0.37	56	14.00	125	2.57
N572D2	Downs-Hersey, bedrock substratum, complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.37	56	14.00	125	2.57
N574B	Downs-Hersey complex, 2 to 6 percent slopes	NHEL	5	0.32	48	1.00	250	0.17
N574C2	Downs-Hersey complex, 6 to 12 percent slopes, moderately eroded	HEL	5	0.37	56	8.00	150	1.21
N574D2	Downs-Hersey complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.37	56	14.00	125	2.57

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N575F	Channahon-Emeline-Rockton complex, 25 to 50 percent slopes	HEL	2	0.24	48	55.00	200	28.97
N578B	Barremills silt loam, drainageway, 1 to 5 percent slopes, occasionally flooded	NHEL	5	0.32	56	3.00	200	0.16
N595A	Otter-Lawson complex, bedrock substratum, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	0.00	250	0.16
1003	Anthroportic Udorthents-Pits-Dumps complex, abandoned, 2 to 45 percent slopes							
1007	Udorthents, shallow (sanitary landfill)							
1010	Pits, limestone quarry							
1027A	Coland-Spillville complex, 0 to 2 percent slopes, flooded	NHEL	5	0.28	48	1.00	250	0.16
1033A	Spillville loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	48	1.00	250	0.16
1030	Pits, sand and gravel							
1078	Anthroportic Udorthents, 2 to 9 percent slopes							
RIVER	Water, rivers and streams							
W	Water							
WL	Water, waste lagoon							