

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR COTTONWOOD COUNTY, MN

C = .18, R = 130

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN033	1024A	Havelock clay loam, 0 to 2 percent slopes, occasionally flooded	5	.28	86	1	200	0.16	NHEL
MN033	L5A	Delft, overwash-Delft complex, 1 to 4 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L6A	Biscay loam, 0 to 2 percent slopes	4	.28	48	1	200	0.16	NHEL
MN033	L7A	Biscay loam, depressional, 0 to 1 percent slopes	4	.28	86	1	200	0.16	NHEL
MN033	L16A	Muskego, Blue Earth, and Houghton soils, ponded, 0 to 1 percent slopes	3	0.28	38	1	200	0.16	NHEL
MN033	L46B	Tomall loam, 2 to 6 percent slopes	5	0.24	48	4	175	0.5	NHEL
MN033	L65B	Augusta Lake fine sandy loam, 1 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L66B	Bechyn-Germantown-Rock outcrop complex, 2 to 6 percent slopes	4	.28	48	4	175	0.5	NHEL
MN033	L66C	Bechyn-Germantown-Rock outcrop complex, 6 to 12 percent slopes	2	.28	48	9	100	0.5	NHEL
MN033	L67B	Crooksford silt loam, 1 to 5 percent slopes	5	0.32	48	5	175	0.71	NHEL
MN033	L68B	Germantown clay loam, 1 to 8 percent slopes	2	0.28	48	4	100	0.5	NHEL
MN033	L69B	Grogan silt loam, 1 to 6 percent slopes	5	.32	56	5	175	0.71	NHEL
MN033	L73A	Blue Earth mucky silty clay loam, depressional, 0 to 1 percent slopes	5	.28	86	1	200	0.16	NHEL

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MN033	L74A	Estherville sandy loam, 0 to 2 percent slopes	3	.20	86	1	200	0.16	NHEL
MN033	L76E	Dickinson fine sandy loam, 18 to 30 percent slopes	5	0.28	86	22	100	4.8	HEL
MN033	L78A	Canisteo clay loam, 0 to 2 percent slopes	5	.24	86	1	200	0.16	NHEL
MN033	L79B	Clarion loam, 2 to 5 percent slopes	5	.24	48	3	175	0.34	NHEL
MN033	L82A	Marna silty clay loam, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN033	L83A	Webster clay loam, 0 to 2 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L84A	Glencoe clay loam, depressional, 0 to 1 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L85A	Nicollet clay loam, 1 to 3 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L86A	Madelia silty clay loam, 0 to 2 percent slopes	5	.28	38	1	200	0.16	NHEL
MN033	L87A	Kingston silty clay loam, 1 to 3 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L88A	Lura silty clay, depressional, 0 to 1 percent slopes	5	.28	86	1	200	0.16	NHEL
MN033	L89A	Guckeen silty clay loam, 0 to 3 percent slopes	5	0.37	86	1	200	0.16	NHEL
MN033	L94A	Lowlein fine sandy loam, terrace, 0 to 3 percent slopes	3	0.2	86	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HEL
MN033	L95E	Hawick gravelly coarse sandy loam, 12 to 25 percent slopes	3	0.2	86	19	100	3.75	HEL
MN033	L96B	Estherville-Hawick complex, 2 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L97C	Hawick-Estherville complex, 6 to 12 percent slopes	3	0.2	86	9	150	1.4	PHEL
MN033	L98A	Crippin-Nicollet complex, 1 to 3 percent slopes	5	.24	86	1	200	0.16	NHEL
MN033	L99B	Clarion-Swanlake complex, 2 to 6 percent slopes	5	.28	86	4	175	0.5	NHEL
MN033	L102C2	Omsrud-Storden complex, 6 to 12 percent slopes, moderately eroded	5	0.28	86	9	150	1.4	PHEL
MN033	L102D2	Omsrud-Storden complex, 12 to 18 percent slopes, moderately eroded	5	.28	86	15	100	2.5	HEL
MN033	L104A	Jeffers-Canisteo complex, 0 to 2 percent slopes	5	.24	86	1	200	0.16	NHEL
MN033	L107A	Canisteo-Glencoe, depressional, complex, 0 to 2 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L111A	Nicollet silty clay loam, 1 to 3 percent slopes	5	0.32	38	1	200	0.16	NHEL
MN033	L112A	Webster silty clay loam, 0 to 2 percent slopes	5	0.28	38	1	200	0.16	NHEL
MN033	L129B	Terril loam, 2 to 6 percent slopes	5	.24	48	4	175	0.5	NHEL
MN033	L135A	Okabena silty clay loam, 1 to 3 percent slopes	5	.28	48	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN033	L141A	Spillville loam, 0 to 2 percent slopes, occasionally flooded	5	.24	48	1	200	0.16	NHEL
MN033	L142A	Jeffers clay loam, 0 to 2 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L143A	Linder loam, 0 to 2 percent slopes	5	.24	56	1	200	0.16	NHEL
MN033	L144A	Chetomba silty clay loam, 0 to 2 percent slopes	5	.28	38	1	200	0.16	NHEL
MN033	L147A	Little Cottonwood clay loam, 0 to 3 percent slopes	2	0.24	48	1	200	0.16	NHEL
MN033	L148A	Lowlein sandy loam, 1 to 3 percent slopes	4	0.24	56	1	200	0.16	NHEL
MN033	L149A	Romnell clay loam, 0 to 3 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L150A	Prinsburg silty clay loam, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN033	L151A	Glencoe mucky silty clay loam, ponded, 0 to 1 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L152B	Lowlein-Round Lake complex, 1 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L153A	Essexville sandy loam, 0 to 2 percent slopes	4	0.24	56	1	200	0.16	NHEL
MN033	L154E	Belview-Ridgeton complex, 15 to 45 percent slopes	5	.28	86	22	100	4.8	HEL
MN033	L156C2	Omsrud-Storden-Pilot Grove complex, 6 to 12 percent slopes, moderately eroded	5	0.28	86	9	150	1.4	PHEL

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MN033	L156D2	Omsrud-Storden-Pilot Grove complex, 12 to 18 percent slopes, moderately eroded	5	0.28	86	19	100	3.75	HEL
MN033	L158B	Round Lake sandy loam, 1 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L159A	Knoke mucky silty clay loam, depressional, 0 to 1 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L160B	Dickinson sandy loam, loamy substratum, 1 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L161C	Estherville-Pilot Grove complex, 6 to 12 percent slopes	3	.20	86	9	150	1.4	PHEL
MN033	L162B	Clarion-Round Lake complex, 2 to 6 percent slopes	5	.24	48	3	175	0.34	NHEL
MN033	L163A	Okoboji silty clay loam, depressional, 0 to 1 percent slopes	5	0.28	86	1	200	0.16	NHEL
MN033	L165A	Mayer loam, 0 to 2 percent slopes	4	.24	86	1	200	0.16	NHEL
MN033	L167A	Mayer clay loam, depressional , 0 to 1 percent slopes	4	.28	86	1	200	0.16	NHEL
MN033	L168A	Minneopa sandy loam, 0 to 3 percent slopes	3	.20	86	1	200	0.16	NHEL
MN033	L169A	Minneopa sandy loam, sandy substratum, 0 to 3 percent slopes	3	.20	86	1	200	0.16	NHEL
MN033	L170B	Estherville-Round Lake complex, 2 to 6 percent slopes	3	.20	86	1	200	0.16	NHEL
MN033	L172D2	Storden, firm till-Annton complex, 12 to 18 percent slopes, moderately eroded	5	.28	86	15	100	2.5	HEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN033	L173A	Moines clay loam, 1 to 3 percent slopes	5	.24	86	3	175	0.34	NHEL
MN033	L174A	Mound Creek clay loam, 0 to 2 percent slopes	2	.24	48	1	200	0.16	NHEL
MN033	L175A	Rolfe silt loam, depressional, 0 to 1 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L176A	Shandep clay loam, 0 to 2 percent slopes, occasionally flooded	5	.24	48	1	200	0.16	NHEL
MN033	L178A	Mayer mucky clay loam, ponded, 0 to 1 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L183A	Mayer, ponded-Mayer complex, 0 to 2 percent slopes, flooded	5	0.28	48	1	200	0.16	NHEL
MN033	L188A	Romnell clay loam, depressional, 0 to 1 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L189A	Mayer clay loam, ponded, 0 to 1 percent slopes, frequently flooded	5	0.28	48	1	200	0.16	NHEL
MN033	L193A	Shandep clay loam, 0 to 2 percent slopes, frequently flooded	5	.24	48	1	200	0.16	NHEL
MN033	L194A	Southbrook silty clay loam, 0 to 2 percent slopes, occasionally flooded	5	0.24	48	1	200	0.16	NHEL
MN033	L196A	Spicer silty clay loam, 0 to 2 percent slopes	5	.28	86	1	200	0.16	NHEL
MN033	L197A	Mayer-Mayer, depressional, complex, 0 to 2 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L198A	North Twin-Walnut Grove complex, 0 to 2 percent slopes	5	0.28	48	1	200	0.16	NHEL

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areasym	musym	muname	T	K	I	Slope_%	Slope_I	LS	HELC
MN033	L198B	North Twin-Walnut Grove complex, 1 to 4 percent slopes	5	0.28	48	4	175	0.5	NHEL
MN033	L201A	Normania loam, 1 to 3 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L202A	Pell Creek-Romnell complex, 0 to 2 percent slopes	5	.28	48	1	200	0.16	NHEL
MN033	L203A	Seaforth loam, 1 to 3 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L207F	Belview-Ridgeton complex, 18 to 40 percent slopes, firm till substratum	5	.28	86	22	100	4.8	HEL
MN033	L208B	Swanlake-Round Lake complex, 2 to 6 percent slopes	5	.28	86	4	175	0.5	NHEL
MN033	L209A	Walnut Grove-Pell Creek complex, 0 to 2 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L211B	Amiret-Swanlake-Round Lake complex, 2 to 6 percent slopes	5	0.28	86	4	175	0.5	NHEL
MN033	L213A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded	5	0.24	48	1	200	0.16	NHEL
MN033	L215A	Dickman sandy loam, 0 to 2 percent slopes	3	.20	86	1	200	0.16	NHEL
MN033	L215B	Dickman sandy loam, 2 to 6 percent slopes	3	.20	86	4	175	0.5	NHEL
MN033	L215C	Dickman sandy loam, 6 to 12 percent slopes	3	.20	86	9	150	1.4	PHEL
MN033	L217C2	Ves-Storden complex, 6 to 12 percent slopes, moderately eroded	5	0.28	86	9	150	1.4	PHEL

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MN033	L218B	Amiret loam, 2 to 5 percent slopes	5	.24	48	4	175	0.5	NHEL
MN033	L219A	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	5	.24	48	1	200	0.16	NHEL
MN033	L222C2	Ves-Storden-Pilot Grove complex, 6 to 12 percent slopes, moderately eroded	5	.28	86	9	150	1.4	PHEL
MN033	L223B	Amiret-Swanlake complex, 2 to 6 percent slopes	5	0.28	86	5	175	0.71	NHEL
MN033	L224A	Coland clay loam, 0 to 2 percent slopes, frequently flooded	5	.24	48	1	200	0.16	NHEL
MN033	L225B	Annton-North Twin complex, 2 to 6 percent slopes	5	0.24	48	4	175	0.5	NHEL
MN033	L226C2	Annton-Storden, firm till, complex, 6 to 12 percent slopes, moderately eroded	5	.28	86	9	150	1.4	PHEL
MN033	L227B	Truman silt loam, 2 to 6 percent slopes	5	.32	48	5	175	0.71	NHEL
MN033	L228B	Clarion-Ocheyedan complex, 2 to 5 percent slopes	5	.28	48	4	175	0.5	NHEL
MN033	L229A	Romnell silty clay loam, depressional, 0 to 1 percent slopes	5	0.28	86	1	200	0.16	NHEL
MN033	L230A	Biscay clay loam, loamy substratum, 0 to 2 percent slopes	4	.28	48	1	200	0.16	NHEL
MN033	L231A	Mayer clay loam, loamy substratum, 0 to 2 percent slopes	4	.24	86	1	200	0.16	NHEL
MN033	L232A	Havelock clay loam, sandy substratum, 0 to 2 percent slopes, rarely flooded	5	.28	86	1	200	0.16	NHEL

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MN033	L233A	Lakefield silty clay loam, 0 to 3 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L234A	Romnell silty clay loam, ponded, 0 to 1 percent slopes	5	.28	86	1	200	0.16	NHEL
MN033	L235A	Riverston clay loam, 0 to 2 percent slopes, occasionally flooded	5	.28	86	1	200	0.16	NHEL
MN033	L236A	Shandep clay loam, depressional, 0 to 1 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L238A	Webster-Delft complex, 0 to 3 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L239A	Revere clay loam, 0 to 2 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L240A	Shandep mucky loam, ponded, 0 to 1 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L241B	Dickinson fine sandy loam, firm till substratum, 1 to 6 percent slopes	3	.20	86	4	175	0.16	NHEL
MN033	L242B	Terril loam, firm till substratum, 2 to 6 percent slopes	5	.24	48	4	175	0.5	NHEL
MN033	L245A	Shandep loam, 0 to 2 percent slopes	5	.24	48	1	200	0.16	NHEL
MN033	L248B	Annton-Swanlake, firm till, complex, 3 to 6 percent slopes	5	0.24	48	4	175	0.5	NHEL
MN033	L249A	Knoke silty clay loam, firm till substratum, depressional, 0 to 1 percent slopes	5	0.28	48	1	200	0.16	NHEL
MN033	L255D2	Storden-Ves complex, 12 to 18 percent slopes, moderately eroded	5	.28	86	19	100	3.75	HEL

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MN033	L256D2	Storden-Ves-Pilot Grove complex, 12 to 18 percent slopes, moderately eroded	5	0.28	86	19	100	3.75	HEL
MN033	L257A	Blue Earth mucky silt loam, sandy substratum, depressional, 0 to 1 percent slopes	5	.28	48	1	200	0.16	NHEL