

Highly erodible soil mapunit list - Waseca County, MN

This data is only to be used for HEL determinations

C=.10 R=140

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Mapunit

Symbol	Mapunit Name	HELC	T	K	I	slope %	slope l	LS
L5A	DELFT, OVERWASH-DELFT COMPLEX, 1 TO 4 PERCENT SLOPES	NHEL	5	0.24	48	1.00	160	0.15
L13A	Klossner muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.50	100	0.10
L14A	Houghton muck, 0 to 1 percent slopes	NHEL	5	0.00	134	0.50	100	0.10
L15A	KLOSSNER, OKOBOJI AND GLENCOE SOILS, PONDED, 0 TO 1 PERCENT SLOPES	NHEL	5	0.37	0	0.50	100	0.10
L16A	MUSKEGO, BLUE EARTH AND HOUGHTON SOILS, PONDED, 0 TO 1 PERCENT SLOPES	NHEL	5	0.37	0	0.50	100	0.10
L26B	SHOREWOOD SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES	NHEL	5	0.28	86	4.00	175	0.50
L36A	Hamel, overwash-Hamel complex, 0 to 3 percent slopes	NHEL	5	0.28	48	2.00	81	0.19
L40B	ANGUS-KILKENNY COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.28	48	4.00	124	0.44
L41C2	Lester-Kilkenny complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	110	1.23
L41D2	Lester, Kilkenny complex, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	98	2.53
L41E	Lester-Kilkenny complex, 16 to 22 percent slopes	HEL	5	0.28	48	22.00	98	4.71
L48A	DERRYNANE, OVERWASH-DERRYNANE COMPLEX, 1 TO 4 PERCENT SLOPES	NHEL	5	0.28	86	2.00	81	0.19
L49A	KLOSSNER SOILS, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	2		134	0.50	124	0.10
L50A	Muskego and Houghton soils, 0 to 1 percent slopes	NHEL	1		134	0.50	124	0.10
L51C2	GLADEK SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	PHEL	5	0.28	48	9.00	124	1.30
L56A	MUSKEGO AND KLOSSNER SOILS, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	NHEL	1	0.00	1	1.00	124	0.10
L57A	MEDO MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	2		134	0.50	124	0.10
L63A	KLOSSNER MUCK, LAKE PLAIN, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	2		134	1.00	124	0.14
L64A	TADKEE-TADKEE, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	5	0.17	134	1.00	124	0.14
L73A	Blue Earth mucky silt loam, 0 to 1 percent slopes	NHEL	5	0.28	48	1.00	124	0.14
L74A	ESTHERVILLE SANDY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	NHEL	3	0.20	86	1.00	146	0.14
L75B	BARRINGTON SILT LOAM, 2 TO 6 PERCENT SLOPES	NHEL	5	0.32	48	4.00	124	0.44
L76B	DICKINSON FINE SANDY LOAM, 1 TO 6 PERCENT SLOPES	NHEL	4	0.20	86	4.00	124	0.44
L77A	Brownton silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.00	124	0.14
L78A	CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.24	86	1.00	124	0.14
L79B	Clarion loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.00	124	0.44
L80C2	Lester loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	110	1.23
L80D2	Lester loam, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	98	2.53
L81A	CORDOVA CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	48	1.00	124	0.14

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L82A	MARNA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.00	124	0.14
L83A	WEBSTER CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.24	48	1.00	124	0.14
L84A	Glencoe clay loam, 0 to 1 percent slopes	NHEL	5	0.28	48	0.50	124	0.10
L85A	NICOLLET CLAY LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.24	48	2.00	124	0.21
L86A	MADELIA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	38	1.00	124	0.14
L87A	KINGSTON SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.28	38	2.00	146	0.22
L88A	Lura silty clay, 0 to 1 percent slopes	NHEL	5	0.28	86	1.00	124	0.14
L89A	GUCKEEN SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	2.00	146	0.22
L90A	Le Sueur loam, 1 to 3 percent slopes	NHEL	5	0.24	48	2.00	124	0.21
L91A	MAZASKA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	38	1.00	124	0.14
L92A	DARFUR LOAM, 0 TO 2 PERCENT SLOPES	NHEL	5	0.20	56	1.00	124	0.14
L93A	Muskego soils, 0 to 1 percent slopes	NHEL	1	0.10	134	1.00	124	0.14
L94A	LOWLEIN FINE SANDY LOAM, TERRACE, 0 TO 3 PERCENT SLOPES	NHEL	5	0.20	86	2.00	146	0.22
L95E	Hawick gravelly sandy loam, 12 to 20 percent slopes	HEL	5	0.10	134	19.00	98	3.70
L96B	ESTHERVILLE-HAWICK COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	3	0.20	86	4.00	124	0.44
L97C	HAWICK-ESTHERVILLE COMPLEX, 6 TO 12 PERCENT SLOPES	PHEL	5	0.10	134	9.00	124	1.30
L98A	CRIPPIN-NICOLLET COMPLEX, 1 TO 3 PERCENT SLOPES	NHEL	5	0.24	86	2.00	124	0.21
L99B	CLARION-SWANLAKE COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.00	124	0.44
L100B	CLARION-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.00	124	0.44
	Clarion-Storden-Pilot Grove complex, 6 to 10 percent slopes, moderately eroded							
L101C2		PHEL	5	0.24	48	9.00	110	1.23
L101D2	Omsrud-Storden-Pilot Grove complex, 10 to 16 percent slopes, moderately eroded	HEL	5	0.24	48	15.00	98	2.53
L102C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.24	48	9.00	110	1.23
L102D2	Omsrud-Storden complex, 10 to 16 percent slopes, moderately eroded	HEL	5	0.24	48	15.00	98	2.53
L103A	FIELDON-CANISTEO COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	4	0.28	86	1.00	124	0.14
L105C2	LESTER-HAWICK COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED	PHEL	5	0.28	48	9.00	110	1.23
L105D2	LESTER-HAWICK COMPLEX, 12 TO 18 PERCENT SLOPES, ERODED	HEL	5	0.28	48	15.00	98	2.53
L106C2	Lester-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	48	9.00	110	1.23
L106D2	Lester-Storden complex, 10 to 16 percent slopes, moderately eroded	HEL	5	0.28	48	15.00	98	2.53

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L107A	Canisteo-Glencoe complex, 0 to 2 percent slopes	NHEL	5	0.24	86	1.00	124	0.14
L108A	Cordova-Rolfe complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1.00	124	0.14
L109A	MARNA-BARBERT, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.00	124	0.14
L110E	LESTER-RIDGETON COMPLEX, 18 TO 25 PERCENT SLOPES	HEL	5	0.28	48	21.00	98	4.36
L110F	LESTER-RIDGETON COMPLEX, 25 TO 45 PERCENT SLOPES	HEL	5	0.28	48	35.00	81	9.21
L111A	NICOLLET SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	NHEL	5	0.24	38	2.00	146	0.22
L113B	Reedslake loam, 2 to 6 percent slopes	NHEL	5	0.24	48	4.00	124	0.44
L114A	HANLON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	NHEL	5	0.20	86	2.00	124	0.21
L115A	BROWNTON-LURA, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	86	1.00	124	0.14
L116A	LE SUEUR-LERDAL COMPLEX, 1 TO 3 PERCENT SLOPES	NHEL	5	0.24	48	2.00	124	0.21
L117C2	Clarion loam, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.24	48	9.00	110	1.23
L118A	RUSHRIVER FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	NHEL	5	0.24	86	1.00	146	0.14
L119B	Angus loam, 2 to 6 percent slopes	NHEL	5	0.28	48	4.00	124	0.44
L120A	GOOD THUNDER SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	NHEL	5	0.28	86	2.00	146	0.22
L121B	CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	5	0.24	48	4.00	124	0.44
L122B	REEDSLAKE-ESTHERVILLE COMPLEX, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.00	124	0.44
L123A	BELLVILLE SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	3	0.20	86	1.00	124	0.14
L124A	GLENCOE MUCKY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	5	0.32	48	0.50	124	0.10
L125A	HANLON, RARELY FLOODED-COLAND, OCCASIONALLY FLOODED, COMPLEX, 0 TO 3 PERCENT SLOPES	NHEL	5	0.20	86	2.00	124	0.21
L126A	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.24	38	1.00	146	0.14
L127A	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.24	48	1.00	146	0.14
L128A	MAZASKA-ROLFE, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	NHEL	5	0.28	38	1.00	124	0.14
L129B	TERRIL LOAM, 2 TO 6 PERCENT SLOPES	NHEL	5	0.24	48	4.00	124	0.44
L130A	OKOBOJI MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	NHEL	5	0.32	48	0.50	124	0.10
U3B	UDORTHENTS, LOAMY (CUT AND FILL LAND), 0 TO 6 PERCENT SLOPES		3					
GP	PITS, GRAVEL-UDIPSAMMENTS COMPLEX							
M-W	WATER, MISCELLANEOUS							
W	WATER							