

HIGHLY ERODIBLE SOIL MAP UNIT LIST FOR MURRAY COUNTY, MN
C =.20, R = 120

This data is only to be used for HEL determinations. This is the "frozen data" based on 01/01/1990 information. Values other than "HEL" should only be used for PHEL.

musym	muname	HEL	T	K	I	slope %	slope_l	LS
31F	Belview loam, 16 to 30 percent slopes	HEL	5	0.28	86	29.0	100	8.00
33B	Barnes loam, 2 to 4 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
33B2	Barnes loam, 3 to 6 percent slopes, eroded	NHEL	5	0.28	48	5.0	175	0.71
36	Flom clay loam	NHEL	5	0.24	48	1.0	200	0.16
51	La Prairie loam	NHEL	5	0.28	48	1.0	200	0.16
70	Svea loam	NHEL	5	0.28	48	1.0	200	0.16
86	Canisteo clay loam, 0 to 2 percent slopes	NHEL	5	0.24	86	1.0	200	0.16
94B	Terril loam, 2 to 8 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
96A	Collinwood silty clay loam, 1 to 3 percent slopes	NHEL	5	0.32	86	1.0	200	0.16
96B	Collinwood silty clay loam, 2 to 6 percent slopes	NHEL	5	0.32	86	4.0	175	0.50
102B	Clarion loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
102B2	Clarion loam, 2 to 6 percent slopes, moderately eroded	NHEL	5	0.28	48	5.0	175	0.71
113	Webster clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
114	Glencoe silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16

118	Crippin loam	NHEL	5	0.24	86	1.0	200	0.16
127A	Dickman sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	200	0.16
127B	Dickman sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
127C	Sverdrup sandy loam, 6 to 12 percent slopes	PHEL	4	0.20	86	9.0	150	1.40
130	Nicollet clay loam, 1 to 3 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
140	Spicer silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
141A	Egeland sandy loam, 0 to 2 percent slopes	NHEL	5	0.20	86	1.0	200	0.16
141B	Egeland sandy loam, 2 to 6 percent slopes	NHEL	5	0.20	86	4.0	175	0.50
184	Hamerly loam	NHEL	5	0.28	86	1.0	200	0.16
211	Lura silty clay, 0 to 1 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
219	Rolfe silt loam, 0 to 1 percent slopes	NHEL	3	0.37	48	1.0	200	0.16
229	Waldorf silty clay	NHEL	5	0.28	86	1.0	200	0.16
236	Vallers clay loam	NHEL	5	0.28	86	1.0	200	0.16
246	Marysland loam	NHEL	4	0.28	86	1.0	200	0.16
339A	Fordville loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
339B	Fordville loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
341A	Arvilla sandy loam, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16

341B	Estherville sandy loam, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
341C	Arvilla sandy loam, 6 to 12 percent slopes	PHEL	3	0.20	86	9.0	175	1.40
359	Lamoure silty clay loam, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
392	Biscay clay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.0	200	0.16
402E	Sioux sandy loam, 2 to 40 percent slopes	HEL	2	0.20	86	21.0	100	4.00
418	Lamoure silty clay loam, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
506	Overly silty clay loam	NHEL	5	0.32	38	1.0	200	0.16
562	Knoke silty clay loam, 0 to 1 percent slopes	NHEL	5	0.32	86	1.0	200	0.16
590	Moines clay loam	NHEL	5	0.24	86	1.0	200	0.16
594	Jeffers clay loam	NHEL	5	0.24	48	1.0	200	0.16
902C2	Barnes-Buse loams, 6 to 12 percent slopes, eroded	PHEL	5	0.28	86	9.0	150	1.40
904B	Arvilla-Barnes-Buse complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
904C	Arvilla-Barnes-Buse complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9.0	150	1.40
913D	Buse-Barnes loams, 12 to 18 percent slopes	HEL	5	0.28	86	15.0	100	2.50
917D	Buse-Sioux complex, 12 to 18 percent slopes	HEL	2	0.20	86	15.0	100	2.50
920C2	Clarion-Storden-Pilot Grove complex, 6 to 10 percent slopes , eroded	PHEL	5	0.20	86	11.0	150	1.90
921C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40

960D2	Omsrud-Storden loams, 10 to 16 percent slopes, eroded	HEL	5	0.28	86	15.0	100	2.50
1024A	Havelock clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
1030	Pits, gravel-Udorthents complex							
1051	Glencoe silty clay loam, ponded	NHEL	5	0.28	0	1.0	200	0.16
J1A	Parnell silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J2A	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16
J7A	Sverdrup sandy loam, 0 to 2 percent slopes	NHEL	4	0.20	86	1.0	200	0.16
J7B	Sverdrup sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.0	175	0.50
J8A	Egeland sandy loam, 0 to 2 percent slopes	NHEL	5	0.20	86	1.0	200	0.16
J8B	Egeland sandy loam, 2 to 6 percent slopes	NHEL	5	0.20	86	4.0	175	0.50
J11A	Vallers clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J12A	Marysland loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1.0	200	0.16
J17A	Quam silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J22A	Renshaw loam, coteau, 0 to 3 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
J23A	Lamoure silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
J26B	Darnen loam, 2 to 6 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
J31B	Arvilla-Sandberg complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50

J32A	Bigstone silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J42C	Sandberg-Arvilla complex, 6 to 12 percent slopes	PHEL	3	0.20	86	9.0	150	1.40
J45F	Sandberg sandy loam, 12 to 40 percent slopes	HEL	2	0.20	86	21.0	100	4.00
J48A	Southam silty clay loam, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J57A	Balaton loam, 1 to 3 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J72B	Renshaw-Sandberg complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
J73D2	Buse clay loam, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	86	15.0	100	2.50
J73F	Buse clay loam, 25 to 40 percent slopes	HEL	5	0.28	86	29.0	100	8.00
J75A	Fordville loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
J75B	Renshaw-Fordville loam, coteau, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
J77A	Lamoure silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
J78A	Lismore silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J79B	Vienna-Brookings complex, 1 to 6 percent slopes	NHEL	5	0.32	38	3.0	175	0.34
J81C2	Renshaw-Barnes complex, 6 to 12 percent slopes, moderately eroded	PHEL	3	0.20	86	9.0	150	1.40
J83F	Sandberg-Buse-Everts complex, 12 to 40 percent slopes	HEL	2	0.20	86	21.0	100	4.00
J85A	Trosky silty clay loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1.0	200	0.16
J86B	Vienna silty clay loam, 3 to 6 percent slopes	NHEL	5	0.32	38	5.0	175	0.71

J90B	Kranzburg-Brookings complex, 1 to 6 percent slopes	NHEL	5	0.32	38	3.0	175	0.34
J91B	Darnen loam, stratified substratum, 2 to 6 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
J92C2	Buse-Vienna complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.32	38	9.0	150	1.40
J93A	Hidewood-Badger complex, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
J95F	Buse, stony-Wilno complex, 25 to 40 percent slopes	HEL	5	0.28	86	29.0	100	8.00
J96B	Barnes-Buse complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
J96C2	Barnes-Buse complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
J99A	Lakepark clay loam, 0 to 3 percent slopes, overwash	NHEL	5	0.28	48	1.0	200	0.16
J100D2	Buse, eroded-Wilno complex, 12 to 18 percent slopes	HEL	5	0.28	86	15.0	100	2.50
J101B	Hokans-Svea complex, 1 to 4 percent slopes	NHEL	5	0.28	48	3.0	175	0.34
J104A	Svea loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J105A	Arvilla sandy loam, MLRA 102A, 0 to 2 percent slopes	NHEL	3	0.20	86	1.0	200	0.16
J106B	Barnes-Buse-Svea complex, 1 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
J107A	Lake Park-Roliss-Parnell, depressional, complex, 0 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
J195B	Poinsett-Waubay silty clay loams, 1 to 6 percent slopes	NHEL	5	0.32	38	3.0	175	0.34
J196A	Forada loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.0	200	0.16
J199A	Fulda silty clay, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16

J227D2	Buse, moderately eroded-Sandberg complex, 12 to 18 percent slopes	HEL	2	0.20	86	15.0	100	2.50
J232B	Barnes-Buse-Arvilla complex, 2 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
J235C2	Buse-Barnes-Arvilla complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.0	150	1.40
J236A	Highpoint Lake silty clay, 0 to 2 percent slopes	NHEL	5	0.28	86	1.0	200	0.16
J256A	Waubay silty clay loam, 0 to 2 percent slopes	NHEL	5	0.32	38	1.0	200	0.16
L139B	Wadena loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
L142A	Jeffers clay loam, 0 to 2 percent slopes	NHEL	5	0.24	48	1.0	200	0.16
L149A	Romnel clay loam, 0 to 3 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L172D2	Storden, firm till-Annton complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	48	15.0	100	2.50
L173A	Moines clay loam, 1 to 3 percent slopes	NHEL	5	0.24	86	1.0	200	0.16
L198A	North Twin-Walnut grove complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L198B	North Twin-Walnut grove complex, 1 to 4 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
L202A	Pell Creek-Romnell complex, 0 to 2 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
L207F	Belview-Ridgeton complex, 18 to 40 percent slopes, firm till substratum	HEL	5	0.28	86	29.0	100	8.00
L213A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
L220A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
L221A	Du Page loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16

L224A	Coland clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
L225B	Annton-North Twin complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
L226C2	Annton-Storden, firm till complex, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	48	9.0	150	1.40
L229A	Romnell silty clay loam, depressional, 0 to 1 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
L241B	Dickinson fine sandy loam, firm till substratum, 1 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
L242B	Terril loam, firm till substratum, 2 to 6 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
L243A	Havelock-Zumbro complex, 0 to 3 percent slopes, frequently flooded	NHEL	3	0.28	86	1.0	200	0.16
L246B	Dickman sandy loam, firm till substratum, 1 to 6 percent slopes	NHEL	3	0.20	86	4.0	175	0.50
L247A	Moines-Walnut Grove complex, 1 to 3 percent slopes	NHEL	5	0.24	86	1.0	200	0.16
L248B	Annton-Swanlake, firm till complex, 3 to 6 percent slopes	NHEL	5	0.28	48	5.0	175	0.71
L249A	Knoke silty clay loam, firm till substratum, depressional, 0 to 1 percent slopes	NHEL	5	0.32	86	1.0	200	0.16
P3A	Biscay silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	4	0.28	48	1.0	200	0.16
P4A	Calco silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.0	200	0.16
P5A	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	86	1.0	200	0.16
P8A	Cylinder loam, 0 to 2 percent slopes, occasionally flooded	NHEL	4	0.24	48	1.0	200	0.16
P12B	Everly silty clay loam, 2 to 6 percent slopes	NHEL	5	0.24	48	3.0	175	0.34
P12C2	Everly silty clay loam, 6 to 12 percent slopes, moderately eroded	PHEL	5	0.28	48	9.0	150	1.40

P20B	Judson silt loam, 3 to 8 percent slopes	NHEL	5	0.24	48	5.0	175	0.71
P28A	Ransom silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
P29A	Rushmore silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
P30B	Sac silty clay loam, 2 to 5 percent slopes	NHEL	5	0.32	38	3.0	175	0.34
P33A	Spillco silt loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.0	200	0.16
P37D	Talmo gravelly sandy loam, 6 to 35 percent slopes	PHL	3	0.20	86	9.0	150	1.40
P38C	Thurman sandy loam, 6 to 12 percent slopes	PHL	4	0.20	86	9.0	150	1.40
P42A	Whitewood silty clay loam, 0 to 2 percent slopes	NHEL	5	0.28	38	1.0	200	0.16
P43A	Wilmington silty clay loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.0	200	0.16
P44E	Shindler clay loam, 15 to 45 percent slopes	HEL	5	0.28	86	29.0	100	8.00
P45E	Moneta clay loam, 15 to 45 percent slopes	HEL	5	0.28	86	29.0	100	8.00
P48A	Allendorf silty clay loam, 0 to 2 percent slopes	NHEL	4	0.28	48	1.0	200	0.16
P48B	Allendorf silty clay loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
P51C2	Everly-Moneta-Talmo complex, 6 to 12 percent slopes, moderately eroded	PHL	5	0.28	48	9.0	150	1.40
P52D2	Moneta-Everly-Talmo complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	48	15.0	100	2.50
P53C2	Everly-Moneta complex, 6 to 12 percent slopes, moderately eroded	PHL	5	0.28	86	9.0	150	1.40
P54D2	Moneta-Everly complex, 12 to 18 percent slopes, moderately eroded	HEL	5	0.28	86	15.0	100	2.50

P56A	Kanaranzi silt loam, 0 to 2 percent slopes	NHEL	4	0.24	48	1.0	200	0.16
P56B	Kanaranzi silt loam, 2 to 6 percent slopes	NHEL	4	0.24	48	4.0	175	0.50
GP	Pits, gravel-Udipsamments complex							
M-W	Water, miscellaneous							
W	Water							