

Cass County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
7A	Hubbard loamy sand, 0 to 3 percent slopes	1	151
7B	Hubbard loamy sand, 3 to 8 percent slopes	5	125
48	Hiwood loamy fine sand	1	151
82B	Redeye loamy sand, 1 to 6 percent slopes	3	125
82C	Redeye loamy sand, 6 to 12 percent slopes	9	125
119B	Pomroy loamy sand, 3 to 8 percent slopes	5	125
119C	Pomroy loamy sand, 8 to 15 percent slopes	11	125
126B	Graycalm loamy sand, 1 to 8 percent slopes	4	125
126C	Graycalm loamy sand, 8 to 15 percent slopes	11	125
139B	Huntersville loamy fine sand, 1 to 6 percent slopes	3	125
142	Nokay loam	1	151
144B	Flak sandy loam, 3 to 8 percent slopes	5	203
144C	Flak sandy loam, 8 to 15 percent slopes	12	203
146B	Wabedo sandy loam, 1 to 6 percent slopes	3	203
147	Spooner very fine sandy loam	1	151
158B	Zimmerman fine sand, 1 to 8 percent slopes	4	125
167B	Baudette silt loam, 1 to 6 percent slopes	3	125
202	Meehan loamy sand	1	151
204B	Cushing loam, 2 to 8 percent slopes	5	125
204C	Cushing loam, 8 to 15 percent slopes	11	125
204E	Cushing loam, 15 to 30 percent slopes	22	102
217	Nokasippi loamy fine sand	1	151
218	Watab loamy sand	1	151
240A	Warba very fine sandy loam, 1 to 3 percent slopes moderately wet	2	151
240B	Warba very fine sandy loam, 3 to 8 percent slopes	5	125
240C	Warba very fine sandy loam, 8 to 15 percent slopes	11	125
243	Stuntz very fine sandy loam	1	151
268B	Cromwell sandy loam, 1 to 8 percent slopes	5	125
268C	Cromwell sandy loam, 8 to 15 percent slopes	11	125
292	Alstad fine sandy loam	1	151
453B	DeMontreville loamy sand, 2 to 8 percent slopes	5	125
453C	DeMontreville loamy sand, 8 to 15 percent slopes	11	125

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453E	DeMontreville loamy sand, 15 to 40 percent slopes	28	102
454B	Mahtomedi loamy sand, 1 to 8 percent slopes	5	125
454C	Mahtomedi loamy sand, 8 to 15 percent slopes	11	125
454E	Mahtomedi loamy sand, 15 to 40 percent slopes	28	102
458A	Menahga loamy sand, 0 to 3 percent slopes	2	151
458B	Menahga loamy sand, 3 to 8 percent slopes	5	125
458C	Menahga loamy sand, 8 to 15 percent slopes	11	125
458E	Menahga loamy sand, 15 to 40 percent slopes	28	102
540	Seelyeville muck	1	151
541	Rifle mucky peat	1	151
543	Markey muck	1	151
544	Cathro muck	1	151
549	Greenwood peat	1	151
564	Friendship loamy sand	2	151
620B	Cutaway loamy sand, 1 to 10 percent slopes	5	125
620D	Cutaway loamy sand, 10 to 25 percent slopes	18	102
625	Sandwick loamy sand	1	151
665B	Menahga loamy sand, moraine, 3 to 8 percent slopes	5	125
665C	Menahga loamy sand, moraine, 8 to 15 percent slopes	11	125
665E	Menahga loamy sand, moraine, 15 to 40 percent slopes	28	102
679B	Menahga loamy sand, loamy substratum, 2 to 8 percent slopes	5	125
679C	Menahga loamy sand, loamy substratum, 8 to 15 percent slopes	11	125
684	Bergkeller sandy loam, moderately wet	1	151
701	Runeberg mucky loam, depressional	1	151
703	Paddock-Becida, stony, complex, 0 to 3 percent slopes	1	125
720B	Blowers soils, 1 to 5 percent slopes	3	203
730A	Sanburn sandy loam, 1 to 3 percent slopes	2	151
730B	Sanburn sandy loam, 3 to 8 percent slopes	5	125
730C	Sanburn sandy loam, 8 to 15 percent slopes	11	125
731A	Sanburn loamy sand, 0 to 3 percent slopes	2	151
731B	Sanburn loamy sand, 3 to 8 percent slopes	5	125
731C	Sanburn loamy sand, 8 to 15 percent slopes	11	125

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732	Bushville loamy sand, 1 to 3 percent slopes	2	0
739B	Wabedo sandy loam, 1 to 6 percent slopes, very stony	3	203
742B	Flak sandy loam, 3 to 8 percent slopes, very stony	5	203
742C	Flak sandy loam, 8 to 15 percent slopes, very stony	12	203
750B	Pomroy loamy sand, 3 to 8 percent slopes, very stony	5	151
750C	Pomroy loamy sand, 8 to 15 percent slopes, very stony	11	151
773B	Warba-Cromwell complex, 1 to 8 percent slopes	5	125
773E	Warba-Cromwell complex, 8 to 25 percent slopes	18	102
788	Cathro-Seelyeville complex	1	151
797	Mooselake and Lupton soils	1	151
799	Bowstring-Seelyeville complex, frequently flooded	1	151
870B	Itasca-Goodland complex, 1 to 8 percent slopes	4	125
870C	Itasca-Goodland complex, 8 to 15 percent slopes	11	125
928B	DeMontreville-Mahtomedi-Cushing complex, 2 to 8 percent slopes	5	125
928C	DeMontreville-Mahtomedi-Cushing complex, 8 to 15 percent slopes	11	125
928E	DeMontreville-Mahtomedi-Cushing complex, 15 to 40 percent slopes	28	102
1002	Fluvaquents, frequently flooded	1	0
1141	Runeberg loam, acid substratum, depressional	1	151
1151B	Blowers sandy loam, acid substratum, 1 to 5 percent slopes	3	125
1153B	Huntersville loamy sand, acid substratum, 1 to 6 percent slopes	3	125
1155	Staples loamy sand, acid substratum	1	151
1157	Paddock loam, acid substratum	1	151
1160B	Redeye loamy sand, acid substratum, 1 to 6 percent slopes	3	125
1160C	Redeye loamy sand, acid substratum, 6 to 12 percent slopes	9	125
1943	Roscommon loamy sand	1	151
1956	Staples loamy sand	1	151
1957B	Friendship loamy sand, loamy substratum, 1 to 6 percent slopes	3	125
1970B	Menahga loamy sand, till substratum, 2 to 8 percent slopes	5	125
1970C	Menahga loamy sand, till substratum, 8 to 15 percent slopes	11	125
1978	Nokay loam, very stony	1	151
1995B	Bergkeller sandy loam, 1 to 6 percent slopes	3	125
1996	Cromwell sandy loam, moderately wet	1	151

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A10	Glossaqualfs	0.5	151
A12	Warba-Aquic Eutroboralfs, loamy-Aeric Glossaqualfs, loamy, association, nearly level to gently rolling	7	125
A13	Warba-Aquic Eutroboralfs, loamy-Aeric Glossaqualfs, loamy, association, nearly level to hilly	15	125
A15	Typic Udipsamments-Arenic Eutroboralfs-Alfic Udispamments association, nearly level to gently rolling	5	125
A16	Warba-Dystric Eutrochrepts-Typic Udispamments association, nearly level to gently rolling	5	125
A17	Menahga-Cutaway-Glossic Eutroboralfs association, rolling and hilly	15	125
A18	Arenic Eutroboralfs, nearly level to gently rolling	5	125
A19	Menahga loamy coarse sand, moraine, rolling and hilly	12	125
A20	Typic Udipsamments, gravelly, rolling to very hilly	28	102
D67A	Hubbard loamy sand, Mississippi River Valley, 0 to 2 percent slopes	1	148
D67B	Hubbard loamy sand, Mississippi River Valley, 2 to 6 percent slopes	3	125
E57	Zimmerman loamy fine sand, nearly level and undulating	4	125
E58	Graycalm-Typic Udipsamments association, nearly level and undulating	4	125
E59	Warba-Stuntz-Arenic Eutroboralfs association, nearly level and undulating	6	125
E60	Warba-Stuntz association, nearly level and undulating	6	125
E61	Glossic Eutroboralfs, loamy, rolling and hilly	15	125
E62	Warba-Histosols association, nearly level to gently rolling	6	125
E63	Aquic Eutroboralfs, clayey subsoil, nearly level and undulating	9	151
E65	Aeric Glossaqualf, loamy	1	151
F76	Warba very fine sandy loam, nearly level and undulating	5	125
F77	Warba very fine sandy loam, rolling and hilly	18	102
K22	Alfic Udipsamments, nearly level and undulating	4	125
K25	Eutroboralfs-Typic Ochraqualfs association, nearly level and undulating	5	125
K27	Aquic Eutroboralfs, loamy, nearly level and undulating	3	151
K28	Aquic Eutroboralfs, silty, nearly level and undulating	3	125
K30	Typic Ochraqualfs, clayey	1	151
K31	Suomi-Aeric Glossaqualfs, loamy, association, nearly level and undulating	3	151
K35	Typic Ochraqualfs, ponded	0.5	151
M-W	Water, miscellaneous		0
N77	Udipsamments, nearly level and undulating	3	151
N78	Psammentic eutroboralfs, sandy, nearly level and undulating	3	151
N79	Psammentic eutroboralfs, sandy, rolling and hilly	12	102

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N80	Cutaway-hiwood association, nearly level and undulating	1	151
N80	Cutaway-hiwood association, nearly level and undulating	3	151
O92	Hiwood-Zimmerman association, nearly level to hilly	2	151
O93	Eutroboralfs, nearly level and undulating	5	125
O94	Redby fine sand	1	151
O95	Humaquepts	0.5	151
O96	Mollic Fluvaquents, frequently flooded	0.5	148
O97	Humaquepts, sandy	0.5	151
W	Water	0	0
X01	Histosols, depressional	0.5	151
X02	Typic borohemists, acid	0.5	151
X03	Typic borohemists, nonacid-typic borosaprists association	0.5	151
X04	Typic borosaprist-bowstring association	0.5	151
X05	Typic borohemists, nonacid	0.5	151
XW1	Aqualfs	0.5	151