

RAMSEY COUNTY

RUSLE2 Slope Factors

Map Unit Symbol	Mapunit Name	Slope Gradient (%)	Slope Length (feet)
1821	Alganssee loamy sand	1	102
159	Anoka loamy fine sand, 0 to 3 percent slopes	2	112
159B	Anoka loamy fine sand, 3 to 9 percent slopes	5	102
49	Antigo silt loam, 0 to 2 percent slopes	1	151
49D	Antigo silt loam, 12 to 18 percent slopes	15	121
49B	Antigo silt loam, 2 to 6 percent slopes	3	131
49C	Antigo silt loam, 6 to 12 percent slopes	9	125
1055	Aquolls and histosols, ponded	1	203
189	Auburndale silt loam	1	102
456	Barronett silt loam	1	102
1847	Barronett silt loam, sandy substratum	1	177
170	Blomford loamy fine sand	1	102
75	Bluffton loam	0.5	151
169B	Braham loamy fine sand, 1 to 6 percent slopes	3	121
169C	Braham loamy fine sand, 6 to 15 percent slopes	9	112
120	Brill silt loam	1	102
367B	Campia silt loam, 0 to 8 percent slopes	4	131
544	Cathro muck	0.5	203
329	Chaska silt loam	1	102
155B	Chetek sandy loam, 0 to 6 percent slopes	3	121
155D	Chetek sandy loam, 12 to 25 percent slopes	16	112
155C	Chetek sandy loam, 6 to 12 percent slopes	9	121
452	Comstock silt loam	1	102
100B	Copaston loam, 0 to 6 percent slopes	3	112
100C	Copaston loam, 6 to 12 percent slopes	9	102
449	Crystal Lake silt loam, 1 to 3 percent slopes	2	141
453D	DeMontreville loamy fine sand, 12 to 25 percent slopes	15	102
453B	DeMontreville loamy fine sand, 2 to 6 percent slopes	3	112
453C	DeMontreville loamy fine sand, 6 to 12 percent slopes	9	102
1819F	Dorerton-Rock outcrop complex, 25 to 65 percent slopes	35	75
504B	Duluth silt loam, 1 to 6 percent slopes	3	121
504D	Duluth silt loam, 12 to 25 percent slopes	18	102
504C	Duluth silt loam, 6 to 12 percent slopes	9	112
123	Dundas fine sandy loam	1	102
12C	Emmert gravelly loamy coarse sand, 3 to 12 percent slopes	7	121
408	Faxon silt loam	1	102
264	Freeon silt loam, 1 to 4 percent slopes	2	131
266	Freer silt loam	1	102
177B	Gotham loamy sand, 1 to 6 percent slopes	3	121
177D	Gotham loamy sand, 12 to 20 percent slopes	15	102
177C	Gotham loamy sand, 6 to 12 percent slopes	9	112

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259B	Grays silt loam, 2 to 6 percent slopes	3	121
132D	Hayden fine sandy loam, 12 to 25 percent slopes	16	102
132B	Hayden fine sandy loam, 2 to 6 percent slopes	3	112
132C	Hayden fine sandy loam, 6 to 12 percent slopes	9	112
161	Isanti loamy fine sand, depressional	0.5	151
552	Kerston muck	0.5	203
342D	Kingsley sandy loam, 12 to 18 percent slopes	15	102
342E	Kingsley sandy loam, 18 to 30 percent slopes	21	92
342B	Kingsley sandy loam, 2 to 6 percent slopes	4	112
342C	Kingsley sandy loam, 6 to 12 percent slopes	9	102
481	Kratka fine sandy loam	1	151
301B	Lindstrom silt loam, 2 to 4 percent slopes	3	121
162	Lino loamy fine sand	1	102
1813B	Lino variant loamy fine sand, 2 to 6 percent slopes	3	92
454B	Mahtomedi loamy sand, 0 to 6 percent slopes	4	112
454D	Mahtomedi loamy sand, 12 to 25 percent slopes	18	102
454F	Mahtomedi loamy sand, 25 to 40 percent slopes	30	92
454C	Mahtomedi loamy sand, 6 to 12 percent slopes	9	112
1820F	Mahtomedi variant-Rock outcrop complex, 25 to 60 percent slopes	35	75
896D	Mahtomedi-Kingsley complex, 12 to 25 percent slopes	18	92
896F	Mahtomedi-Kingsley complex, 25 to 40 percent slopes	30	92
896C	Mahtomedi-Kingsley complex, 3 to 12 percent slopes	6	112
543	Markey muck	0.5	203
225	Nessel fine sandy loam, 1 to 4 percent slopes	2	121
1029	Pits, gravel	20	0
1013	Pits,quarry	25	0
507	Poskin silt loam	1	102
325	Prebish loam	0.5	151
298	Richwood silt loam, 0 to 2 percent slopes	1	102
298B	Richwood silt loam, 2 to 6 percent slopes	3	125
541	Rifle muck	0.5	203
166	Ronneby fine sandy loam	1	102
302B	Rosholt sandy loam, 1 to 6 percent slopes	3	121
302C	Rosholt sandy loam, 6 to 15 percent slopes	9	112
153B	Santiago silt loam, 2 to 6 percent slopes	3	125
153C	Santiago silt loam, 6 to 15 percent slopes	9	121
540	Seelyeville muck	0.5	203
265	Soderville loamy fine sand	1	102
8B	Sparta loamy sand, 2 to 6 percent slopes	3	125
1848B	Sparta loamy sand, bedrock substratum, 0 to 6 percent slopes	3	125
1033	Udifluvents	3	0

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1040	Udorthents	2	0
1027	Udorthents, wet substratum	3	0
1039	Urban land	3	0
858	Urban land-Chetek complex, 0 to 3 percent slopes	2	0
858C	Urban land-Chetek complex, 3 to 15 percent slopes	6	0
852B	Urban land-Copaston complex, 0 to 8 percent slopes	3	0
862	Urban land-Dundas complex, 1 to 4 percent slopes	2	0
860D	Urban land-Hayden-Kingsley complex, 15 to 25 percent slopes	18	0
860C	Urban land-Hayden-Kingsley complex, 3 to 15 percent slopes	7	0
861D	Urban land-Kingsley complex, 15 to 25 percent slopes	18	0
861C	Urban land-Kingsley complex, 3 to 15 percent slopes	6	0
863	Urban land-Lino complex, 0 to 3 percent slopes	2	0
857	Urban land-Waukegan complex, 0 to 3 percent slopes	1	0
857C	Urban land-Waukegan complex, 3 to 15 percent slopes	6	0
859B	Urban land-Zimmerman complex, 1 to 8 percent slopes	4	0
411	Waukegan silt loam, 0 to 2 percent slopes	1	125
411B	Waukegan silt loam, 2 to 6 percent slopes	3	121
411C	Waukegan silt loam, 6 to 12 percent slopes	9	112
113	Webster loam	1	102
158B	Zimmerman loamy fine sand, 0 to 6 percent slopes	3	121
158D	Zimmerman loamy fine sand, 12 to 25 percent slopes	16	112
158C	Zimmerman loamy fine sand, 6 to 12 percent slopes	9	112