

Mille Lacs County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
1003B	Udorthents, loamy (cut and fill land), 0 to 6 percent slopes	3	102
1008B	Udipsamments (cut and fill land)	1	69
1009	Udorthents, lake beach, 1 to 20 percent slopes, very rubbly	10	49
1010	Pits, quarry	0	0
1011A	Fordum-Winterfield complex, 0 to 2 percent slopes, frequently flooded	0.5	148
1013A	Seelyeville and Cathro soils, ponded, 0 to 1 percent slopes	0	49
1017A	Fluvaquents, ponded, 0 to 1 percent slopes, frequently flooded	0	115
1020A	Bowstring muck and Fluvaquents, loamy, 0 to 1 percent slopes, frequently flooded	0	98
1023A	Seelyeville and Markey soils, ponded, 0 to 1 percent slopes	0	125
1025A	Fluvaquents and Udifluvents, loamy, 0 to 2 percent slopes, frequently flooded	1	98
1026A	Udifluvents and Fluvaquents, loamy, 0 to 2 percent slopes, occasionally flooded	1	98
C1B	Milaca-Brennyville complex, 3 to 8 percent slopes, stony	6	79
C2A	Adolph mucky silty clay loam, depressionnal, 0 to 1 percent slopes, stony	0.5	49
C4A	Cebana silt loam, 0 to 1 percent slopes, stony	0.5	49
C5C	Milaca fine sandy loam, 8 to 15 percent slopes, stony	11	69
C5E	Milaca fine sandy loam, 15 to 30 percent slopes, stony	23	59
C6A	Cebana silt loam, 0 to 2 percent slopes, stony	1	49
C8A	Brennyville, wet-Cebana complex, 0 to 3 percent slopes, stony	2	125
C9A	Mora, wet-Cebana complex, 0 to 3 percent slopes, stony	2	125
C10B	Brennyville complex, 1 to 6 percent slopes, stony	4	79
C11B	Mora-Brennyville, wet, complex, 1 to 6 percent slopes, stony	4	79
C12A	Brennyville, wet-Cebana complex, 0 to 4 percent slopes, stony	2	125
C13A	Bluffton loam, depressionnal, 0 to 1 percent slopes	0.5	49
C14A	Cathro, Twig, and Adolph soils, ponded, 0 to 1 percent slopes	0	49
C16B	Mahtomedi-Chetek complex, 1 to 8 percent slopes	5	79
C16C	Mahtomedi-Chetek complex, 8 to 15 percent slopes	12	59
C16E	Mahtomedi-Chetek complex, 15 to 30 percent slopes	23	49
C17A	Rosholt-Chetek complex, 0 to 2 percent slopes	1	75
C17B	Rosholt-Chetek complex, 2 to 8 percent slopes	5	79
C17C	Rosholt-Chetek complex, 8 to 15 percent slopes	12	59
C17E	Rosholt-Chetek complex, 15 to 40 percent slopes	25	49
C18B	Branstad loam, 2 to 6 percent slopes	4	49

Mille Lacs County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
C19A	Longsiding-Grasston complex, 0 to 3 percent slopes	1	125
C20C	Cushing loam, 6 to 12 percent slopes	9	49
C20D	Cushing loam, 12 to 18 percent slopes	15	59
C20E	Cushing loam, 18 to 35 percent slopes	25	75
C21A	Quam mucky silty clay loam, depressional, MLRA 90, 0 to 1 percent slopes	0.5	75
C23B	Antigo-Chetek complex, 2 to 8 percent slopes	4	79
C24A	Billyboy-Ossmer complex, 0 to 3 percent slopes	2	151
C25A	Alstad loam, 1 to 3 percent slopes	2	75
C26A	Foglake silt loam, 0 to 2 percent slopes	1	75
C27A	Oesterle-Scott Lake complex, 0 to 3 percent slopes	1	151
C28A	Cathro and Twig soils, depressional, 0 to 1 percent slopes	0	49
C29D2	Debs silt loam, 12 to 18 percent slopes, eroded	15	49
C29E	Debs silt loam, 18 to 25 percent slopes	22	75
C30A	Talmoon loam, 0 to 2 percent slopes	1	49
C31B	Grasston silt loam, 2 to 6 percent slopes	4	79
C31C2	Grasston silt loam, 6 to 12 percent slopes, eroded	10	49
C32A	Ellsburg silt loam, 0 to 2 percent slopes	1	49
C34B	Dusler-Culver complex, 0 to 5 percent slopes	2	49
C35A	Ossmer-Billyboy complex, 0 to 3 percent slopes	1	75
C40A	Scott Lake fine sandy loam, 0 to 3 percent slopes	2	151
C41B	Culver-Sanburn-Cathro complex, pitted, 0 to 8 percent slopes	5	59
C43C	Duluth loam, 8 to 15 percent slopes	12	121
C43E	Duluth loam, 15 to 25 percent slopes	20	121
C44A	Wurtsmith-Grettum complex, 0 to 3 percent slopes	1	151
C45C	Duluth-Sanburn-Cathro complex, pitted, 0 to 15 percent slopes	12	121
C45E	Duluth-Sanburn-Cathro complex, pitted, 0 to 35 percent slopes	25	121
C49A	Antigo silt loam, 0 to 2 percent slopes	1	151
C50B	Culver-Dusler complex, 1 to 8 percent slopes	5	59
C53B	Pomroy loamy fine sand, 2 to 6 percent slopes	4	79
C53C	Pomroy loamy fine sand, 6 to 12 percent slopes	9	69
C57A	Warman loam, depressional, 0 to 1 percent slopes	0.5	75
C58A	Ogilvie loam, 0 to 2 percent slopes	1	75

Mille Lacs County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
C69B	Milaca, stony-St. Francis complex, 3 to 8 percent slopes	6	79
C69C	Milaca, stony-St. Francis complex, 8 to 15 percent slopes	12	69
C75A	Seelyeville and Cathro (Milaca catena) soils, depressional, 0 to 1 percent slopes	0	49
C77A	Novak loam, 0 to 2 percent slopes	1	75
C77B	Novak loam, 2 to 6 percent slopes	4	79
C78A	Warman loam, 0 to 2 percent slopes	1	75
C86A	Aftad-Plover complex, 0 to 3 percent slopes	1	125
C87A	Plover fine sandy loam, 0 to 3 percent slopes	1	125
C88A	Fenander fine sandy loam, 0 to 2 percent slopes	1	75
C89A	Cathro (Grasston catena) and Seelyeville soils, depressional, 0 to 1 percent slopes	0	75
C91B	Milaca, stony-Chetek complex, 3 to 8 percent slopes	5	79
C91C	Milaca, stony-Chetek complex, 8 to 15 percent slopes	12	69
C91E	Milaca, stony-Chetek complex, 15 to 30 percent slopes	23	59
C93A	Greenwood mucky peat (Grasston catena), 0 to 1 percent slopes	0	49
C94A	Seelyeville and Cathro (Cushing catena) soils, depressional, 0 to 1 percent slopes	0	49
C95A	Seelyeville and Cathro (Milaca catena) soils, wooded, 0 to 1 percent slopes	0	49
C96A	Cathro, Twig, and Giese, stony, soils, depressional, 0 to 1 percent slopes	0	49
C97A	Cathro, sandy substratum, and Seelyeville soils, depressional, 0 to 1 percent slopes	0	75
C98A	Seelyeville and Cathro (Duluth catena) soils, wooded, 0 to 1 percent slopes	0	49
C99A	Greenwood mucky peat (Duluth catena), 0 to 1 percent slopes	0	49
C100A	Seelyeville and Cathro (Cushing catena) soils, wooded, 0 to 1 percent slopes	0	49
C101A	Greenwood mucky peat (Milaca catena), 0 to 1 percent slopes	0	49
C102A	Cathro, sandy substratum, and Seelyeville soils, ponded , 0 to 1 percent slopes	0	49
C103A	Cathro, sandy substratum, and Seelyeville soils, wooded, 0 to 1 percent slopes	0	49
C104A	Seelyeville and Cathro (Duluth catena) soils, depressional, 0 to 1 percent slopes	0	49
C108A	Hulligan loam, 0 to 2 percent slopes	1	75
C109A	Lenroot loamy sand, 1 to 3 percent slopes	2	151
C110A	Annriver silt loam, 0 to 2 percent slopes	1	75
C112B	Graycalm-Grayling complex, 2 to 8 percent slopes	5	79
C112C	Graycalm-Grayling complex, 8 to 15 percent slopes	12	59
C112E	Graycalm-Grayling complex, 15 to 30 percent slopes	25	49
C114B	Hubbard loamy sand, lake beach, 2 to 8 percent slopes	5	79

Mille Lacs County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
C114D	Hubbard loamy sand, lake beach, 8 to 20 percent slopes	14	59
C115B	Rushlake coarse sand, lake beach, 1 to 4 percent slopes	2	79
C116B	Mora, stony-Brennyville, stony-Cathro complex, pitted, 0 to 6 percent slopes	4	59
C117A	Cebana, stony-Annrivier complex, 0 to 2 percent slopes	1	49
C118C	Chetek-Emmert complex, 8 to 15 percent slopes	11	59
C119A	Brennyville, stony-Cebana, stony-Cathro complex, pitted, 0 to 3 percent slopes	2	125
C120A	Meehan-Roscommon complex, lake beach, 0 to 3 percent slopes	2	125
C121A	Wurtsmith-Meehan complex, lake beach, 1 to 3 percent slopes	2	125
C122E	Emmert-Chetek complex, 15 to 45 percent slopes	25	59
C123B	Milaca, stony-Mora, stony-Cathro complex, pitted, 0 to 8 percent slopes	4	79
C124A	Cebana, stony-Cathro complex, pitted, 0 to 2 percent slopes	1	49
C125A	Hulligan loam, depressional, 0 to 1 percent slopes	0.5	75
C126B	Balmlake-Rosy complex, 1 to 6 percent slopes	3	79
C127A	Whited silt loam, 0 to 2 percent slopes	1	75
C130B	Mora, stony-Chetek complex, 2 to 6 percent slopes	4	79
C133A	Brennyville, stony-Scottlake complex, 0 to 3 percent slopes	2	125
C134A	Rosy very fine sandy loam, 0 to 4 percent slopes	2	125
C135A	Lewis Lake silt loam, 1 to 3 percent slopes	2	125
C135B	Lewis Lake silt loam, 3 to 6 percent slopes	4	79
C135C2	Lewis Lake silt loam, 6 to 12 percent slopes, moderately eroded	9	49
C139A	Minocqua silt loam, depressional, thick solum, 0 to 1 percent slopes	0.5	75
C140A	Hillview fine sandy loam, 0 to 2 percent slopes	1	75
C143B	Alban fine sandy loam, 1 to 8 percent slopes	5	79
C144A	Coin silt loam, 0 to 2 percent slopes	1	75
C146A	Haybrook fine sandy loam, 0 to 2 percent slopes, stony	1	49
C147A	Blackhoof-Cathro-Baden complex, depressional, 0 to 1 percent slopes	0	52
D2A	Elkriver fine sandy loam, 0 to 2 percent slopes, rarely flooded	1	125
D3A	Elkriver fine sandy loam, 0 to 2 percent slopes, occasionally flooded	1	125
D9B	Stonelake-Sanburn complex, 1 to 6 percent slopes	3	79
D30A	Seelyeville and Markey soils, depressional, 0 to 1 percent slopes	0	125
D38A	Cantlin loamy fine sand, 0 to 3 percent slopes	1	102
D44A	Isanti loamy fine sand, 0 to 2 percent slopes	1	49

Mille Lacs County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
D45A	Soderville loamy fine sand, 0 to 3 percent slopes	1	102
D46A	Lino loamy fine sand, 0 to 2 percent slopes	1	49
D50A	Isanti fine sandy loam, depressional, 0 to 1 percent slopes	0	49
D60A	Zimmerman fine sand, 0 to 3 percent slopes	1	102
D60B	Zimmerman fine sand, 3 to 6 percent slopes	4	79
D60C	Zimmerman fine sand, 6 to 12 percent slopes	9	75
D60E	Zimmerman fine sand, 12 to 30 percent slopes	20	75
GP	Pits, gravel-Udipsamments complex	25	0
M-W	Water, miscellaneous		0
W	Water		0