

Benton County, Minnesota

musyn	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
1002A	Udorthents, wet substratum, 0 to 2 percent slopes	1	0
1010	Pits, quarry	25	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
1020A	Bowstring and Fluvaquents, loamy, 0 to 2 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
1052B	Udorthents, loamy-Rock outcrop complex, 1 to 6 percent slopes	2	0
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
C8A	Brennyville, wet-Cebana complex, 0 to 3 percent slopes, stony	2	125
C10B	Brennyville complex, 1 to 6 percent slopes, stony	4	79
C14A	Cathro, Twig, and Adolph soils, ponded, 0 to 1 percent slopes	0	49
C23B	Antigo-Chetek complex, 2 to 8 percent slopes	4	79
C26A	Foglake silt loam, 0 to 2 percent slopes	1	75
C28A	Cathro and Twig soils, depressionnal, 0 to 1 percent slopes	0	49
C36A	Nokasippi loamy fine sand, depressionnal, 0 to 1 percent slopes	0.5	151
C37C	Braham loamy fine sand, 6 to 12 percent slopes	9	112
C38B	Grasston fine sandy loam, terrace, 2 to 6 percent slopes	4	79
C39A	Foglake fine sandy loam, terrace, 0 to 2 percent slopes	1	75
C42B	Sartell, till substratum-Bushville complex, 1 to 6 percent slopes	4	112
C46A	Foglake loam, terrace, 0 to 2 percent slopes	1	75
C48A	Ronneby loam, 0 to 2 percent slopes, stony	2	72
C49A	Antigo silt loam, 0 to 2 percent slopes	1	151
C51D	Emmert-St. Francis complex, 6 to 25 percent slopes	15	59
C52B	Waukon fine sandy loam, dense substratum, 2 to 6 percent slopes	3	112
C53C	Pomroy loamy fine sand, 6 to 12 percent slopes	9	69
C54B	Chetek-Mahtomedi complex, 2 to 6 percent slopes	5	79
C54C	Chetek-Mahtomedi complex, 6 to 12 percent slopes	9	59
C55A	Watab loamy fine sand, 0 to 2 percent slopes	1	82

Benton County, Minnesota

musyn	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
C56A	Langola loamy fine sand, 0 to 2 percent slopes	1	82
C57A	Warman loam, depressional, 0 to 1 percent slopes	0.5	75
C58A	Ogilvie loam, 0 to 2 percent slopes	1	75
C59A	Pierz sandy loam, 0 to 2 percent slopes	1	72
C60A	Bushville fine sand, 0 to 2 percent slopes	1	82
C62C	Sartell fine sand, till substratum, 6 to 12 percent slopes	9	112
C63B	Kost, till substratum-Langola complex, 1 to 6 percent slopes	3	102
C64A	Mora fine sandy loam, 1 to 3 percent slopes, stony	2	125
C64B	Mora fine sandy loam, 3 to 5 percent slopes, stony	4	79
C65A	Parent loam, 0 to 2 percent slopes, stony	1	102
C66A	St. Francis fine sandy loam, 0 to 2 percent slopes	1	98
C67B	Bushville complex, 1 to 6 percent slopes	3	82
C68B	Milaca fine sandy loam, 3 to 6 percent slopes, stony	5	79
C68C	Milaca fine sandy loam, 6 to 12 percent slopes, stony	9	69
C68E	Milaca fine sandy loam, 12 to 25 percent slopes, stony	23	59
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
C70B	St. Francis-Mahtomedi complex, 2 to 6 percent slopes	3	79
C70C	St. Francis-Mahtomedi complex, 6 to 12 percent slopes	9	69
C71A	Blomford loamy fine sand, 0 to 2 percent slopes	1	79
C72B	Langola complex, 1 to 6 percent slopes	3	82
C73A	Mora loam, 1 to 3 percent slopes, stony	2	125
C74A	Parent loam, depressional, 0 to 1 percent slopes, stony	0.5	72
C75A	Seelyeville and Cathro soils, milaca catena, 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
C79A	Mora loam, 1 to 3 percent slopes, very stony	2	125
C80A	Parent loam, depressional, 0 to 1 percent slopes, very stony	0.5	72
C82A	Ronneby loam, 0 to 2 percent slopes, very stony	2	72
C83A	Parent loam, 0 to 2 percent slopes, very stony	1	102
C84B	Brennyville complex, 1 to 6 percent slopes, very stony	4	79

Benton County, Minnesota

musyn	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
C89A	Cathro and Seelyeville soils, grasston catena, depressional, 0 to 1 percent slopes	0	75
C90A	Brennyville-Cebana complex, 0 to 3 percent slopes, very stony	2	125
C91B	Milaca, stony-Chetek complex, 3 to 8 percent slopes	5	79
C91C	Milaca, stony-Chetek complex, 8 to 15 percent slopes	12	69
C122D	Emmert-Chetek complex, 8 to 25 percent slopes	15	59
C125A	Hulligan loam, depressional, 0 to 1 percent slopes	0.5	75
C126B	Balmlake-Rosy complex, 1 to 6 percent slopes	3	79
C128A	Talmoon loam, 0 to 2 percent slopes	1	49
C129A	Longsiding fine sandy loam, terrace, 0 to 2 percent slopes	2	59
D1B	Anoka and Zimmerman soils, terrace, 2 to 6 percent slopes	3	125
D1C	Anoka and Zimmerman soils, terrace, 6 to 12 percent slopes	9	125
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
D6A	Verndale sandy loam, acid substratum, 0 to 2 percent slopes	1	148
D7A	Hubbard loamy sand, 0 to 2 percent slopes	1	148
D7B	Hubbard loamy sand, 2 to 6 percent slopes	4	125
D7C	Hubbard loamy sand, 6 to 12 percent slopes	9	125
D7E	Hubbard loamy sand, 18 to 35 percent slopes	27	102
D8E	Sandberg loamy coarse sand, 18 to 35 percent slopes	27	102
D9B	Stonelake-Sanburn complex, 1 to 6 percent slopes	4	79
D9C	Stonelake-Sanburn complex, 6 to 15 percent slopes	10	112
D9E	Stonelake-Sanburn complex, 15 to 40 percent slopes	30	102
D14B	Elkriver-Mosford complex, 0 to 6 percent slopes, rarely flooded	4	125
D17A	Duelm loamy sand, 0 to 2 percent slopes	2	148
D20A	Isan sandy loam, 0 to 2 percent slopes	1	0
D21A	Isan sandy loam, depressional, 0 to 1 percent slopes	0.5	0
D30A	Seelyeville and Markey soils, depressional, 0 to 1 percent slopes	0	125
D32A	Mosford sandy loam, 0 to 2 percent slopes	1	0
D36B	Eagleview loamy sand, 2 to 6 percent slopes	4	125
D36C	Eagleview loamy sand, 6 to 12 percent slopes	9	125
D38A	Cantlin loamy fine sand, 0 to 3 percent slopes	2	102
D39A	Fordum loam, 0 to 2 percent slopes, occasionally flooded	1	49

Benton County, Minnesota

musyn	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
D44A	Isanti loamy fine sand, 0 to 2 percent slopes	1	49
D46A	Lino loamy fine sand, 0 to 2 percent slopes	1	49
D47A	Kost loamy fine sand, 0 to 2 percent slopes	1	82
D47B	Kost loamy fine sand, 2 to 6 percent slopes	4	102
D47C	Kost loamy fine sand, 6 to 12 percent slopes	9	82
D48A	Cantlin loamy fine sand, thick surface, 0 to 2 percent slopes	2	148
D50A	Isanti fine sandy loam, depressional, 0 to 1 percent slopes	0	49
D51A	Kost loamy fine sand, banded substratum, 0 to 2 percent slopes	1	82
D51B	Kost loamy fine sand, banded substratum, 2 to 6 percent slopes	4	102
D51C	Kost loamy fine sand, banded substratum, 6 to 12 percent slopes	9	79
D52A	Glendorado loamy fine sand, 0 to 2 percent slopes	2	148
D54B	Hubbard, bedrock substratum-Rock outcrop complex, 1 to 8 percent slopes	4	0
D55B	Zimmerman fine sand, banded substratum, 1 to 6 percent slopes	3	79
D55C	Zimmerman fine sand, banded substratum, 6 to 12 percent slopes	9	75
D55E	Zimmerman fine sand, banded substratum, 12 to 35 percent slopes	25	75
D56A	Lino loamy fine sand, stratified substratum, 0 to 2 percent slopes	1	49
D61A	Glendorado loamy sand, 0 to 2 percent slopes	1	148
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	2	82
D64A	Zimmerman fine sand, 0 to 3 percent slopes	2	102
D64B	Zimmerman fine sand, 3 to 6 percent slopes	4	79
D64C	Zimmerman fine sand, 6 to 12 percent slopes	9	75
D64E	Zimmerman fine sand, 12 to 30 percent slopes	20	75
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
D67C	Hubbard loamy sand, Mississippi River Valley, 6 to 12 percent slopes	9	92
D67E	Hubbard loamy sand, Mississippi River Valley, 18 to 35 percent slopes	27	102
GP	Pits, gravel-Udipsamments complex	25	0
M-W	Water, miscellaneous		0
W	Water		0