

**St. Louis County - Duluth Part, Minnesota**

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
1007B	Udorthents, shallow (sanitary landfill), 0 to 8 percent slopes	4	0
1010	Pits, quarry	60	0
1014A	Uskabwanka peat, 0 to 1 percent slopes	0	52
1020A	Bowstring and Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded	0	98
1021A	Rifle soils, 0 to 1 percent slopes	0	49
1022A	Greenwood soils, 0 to 1 percent slopes	0	49
1026A	Udifluvents, loamy, 0 to 2 percent slopes, occasionally flooded	1	98
1028A	Urban land-Udorthents-Aquents complex, 0 to 8 percent slopes	5	0
1034A	Udifluvents and Fluvaquents, loamy, 0 to 2 percent slopes, rarely flooded	1	98
1035	Urban land	3	0
B18A	Foglake-Hassman, depressional complex, upham basin, 0 to 2 percent slopes	1	82
B19B	Longsiding-Foglake-Grasston complex, upham basin, 0 to 6 percent slopes	2	131
B27A	Mcquade-Buhl complex, 0 to 3 percent slopes	1	66
B28B	Buhl loam, 1 to 5 percent slopes	3	82
B29B	Hibbing-Buhl complex, 1 to 8 percent slopes	5	66
B29D	Hibbing-Buhl complex, 1 to 18 percent slopes	12	131
B31D	Hibbing loam, 8 to 18 percent slopes	13	66
B31E	Hibbing loam, 18 to 30 percent slopes	24	66
B32A	Mcquade-Daisybay, depressional-Fayal, depressional complex, 0 to 2 percent slopes	1	66
B33A	Mcquade-Fayal, depressional complex, 0 to 2 percent slopes	1	66
B34B	Majestic-Hibbing complex, 2 to 8 percent slopes	5	66
B47A	Daisybay peat, 0 to 1 percent slopes	0	49
B48A	Mooseline-Turpela complex, 0 to 3 percent slopes	2	82
B53A	Dora mucky peat, hibbing catena, 0 to 1 percent slopes	0	49
B67A	Rifle soils, hibbing catena, 0 to 1 percent slopes	0	49
B81A	Cathro muck, depressional, duluth catena, 0 to 1 percent slopes	0	52
B101A	Schisler-Ellsburg-Baden, depressional, complex, 0 to 2 percent slopes	1	52
B102A	Hellwig-Ellsburg-Baden, depressional, complex, 0 to 2 percent slopes	1	52
B103A	Melrude-Schisler-Baden, depressional, complex, 0 to 2 percent slopes	1	52
B104A	Ellsburg-Baden complex, 0 to 2 percent slopes	1	52
B107A	Baden mucky silt loam, depressional, 0 to 1 percent slopes	0	52
B118A	Rifle soils, duluth catena, 0 to 1 percent slopes	0	52
B120A	Mooselake mucky peat, duluth catena, 0 to 1 percent slopes	0	49
B121A	Merwin peat, duluth catena, 0 to 1 percent slopes	0	52

**St. Louis County - Duluth Part, Minnesota**

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
B122A	Tacoosh mucky peat, duluth catena, 0 to 1 percent slopes	0	52
B123A	Blackhoof-Cathro-Baden complex, depressional, 0 to 1 percent slopes	0	52
B124A	Dusler-Ellsburg complex, 0 to 3 percent slopes	2	75
B125B	Culver silt loam, 3 to 8 percent slopes	6	52
B126D	Duluth-Culver complex, 3 to 18 percent slopes	13	66
B126E	Duluth silt loam, 18 to 45 percent slopes	35	75
B127B	Culver-Dusler-Ellsburg complex, 0 to 8 percent slopes	6	52
B128D	Duluth-Culver-Cathro, depressional complex, 0 to 18 percent slopes	13	66
B129B	Culver-Culver, coarse substratum-Ellsburg complex, 0 to 8 percent slopes	6	52
B130D	Duluth-Duluth, coarse substratum-Ellsburg complex, 0 to 18 percent slopes	13	66
B131F	Duluth-Duluth, coarse substratum complex, 18 to 45 percent slopes	35	75
B143B	Dinham-Dusler complex, 0 to 8 percent slopes	6	52
B144A	Ellsburg-Dusler complex, 0 to 3 percent slopes	1	52
B145B	Dusler-Culver complex, 1 to 8 percent slopes	2	125
B148A	Greenwood soils, duluth catena, 0 to 1 percent slopes	0	52
B150D	Dinham-Duluth complex, 8 to 18 percent slopes	13	66
B152A	Greenwood soils, hibbing catena, 0 to 1 percent slopes	0	49
DA	Denied access		0
E1A	Fluvaquents, clayey, 0 to 1 percent slopes, frequently flooded	0	52
E2B	Cuttre-Fluvaquents frequently flooded, complex, 0 to 8 percent slopes	5	79
E3A	Cuttre complex, 0 to 3 percent slopes	2	125
E3B	Cuttre complex, 0 to 8 percent slopes	5	79
E4B	Cuttre-Eutrudepts, complex, 0 to 8 percent slopes	5	79
E5A	Palmers, depressional-Cuttre complex, 0 to 1 percent slopes	0	75
E6D	Amnicon-Cuttre complex, 3 to 18 percent slopes	14	52
E7B	Cuttre silt loam, 3 to 8 percent slopes	5	79
E8D	Amnicon-Fluvaquents, frequently flooded, complex, 0 to 18 percent slopes	14	52
E9E	Miskoaki-Fluvaqueunts, frequently flooded, complex, 0 to 45 percent slopes	35	75
E10D	Amnicon-Udifluvents, frequently flooded, complex, 0 to 18 percent slopes	14	52
E11E	Miskoaki-Rock outcrop complex, 18 to 70 percent slopes	35	75
E12A	Udifluvents complex, 0 to 3 percent slopes, flooded	1	52
E13E	Udifluvents, occasionally flooded-Rollins complex, 0 to 30 percent slopes	1	52
E14B	Barto-Greysolon-Rock outcrop complex, 0 to 8 percent slopes	5	79
E14D	Barto-Greysolon-Rock outcrop complex, 0 to 18 percent slopes	15	52

**St. Louis County - Duluth Part, Minnesota**

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
E15A	Badriver complex, 0 to 3 percent slopes	2	125
E15B	Badriver complex, 0 to 8 percent slopes	5	79
E16D	Amnicon-Cuttre complex, 5 to 18 percent slopes	14	52
E18A	Urban land-Cuttre-Rock outcrop complex, 0 to 3 percent slopes	2	0
E18B	Urban land-Cuttre-Rock outcrop complex, 0 to 8 percent slopes	5	0
E22D	Sanborg-Badriver complex, 3 to 18 percent slopes	14	52
E23F	Miskoaki-Udifluents, flooded, complex, 1 to 45 percent slopes	35	75
E24F	Miskoaki-Cuttre complex, 5 to 45 percent slopes	35	75
E25D	Urban land-Amnicon-Rock outcrop complex, 0 to 18 percent slopes	8	0
F32A	Merwin peat, 0 to 1 percent slopes	0	49
F33A	Cathro muck, depressional, dense substratum, 0 to 1 percent slopes	0	52
F34A	Cathro muck, depressional, 0 to 1 percent slopes	0	49
F101A	Bugcreek extremely stony sandy loam, 0 to 1 percent slopes, rubbly	0	52
F102A	Nevens stony loam, 0 to 2 percent slopes, very stony	1	52
F103B	Brimson stony fine sandy loam, 2 to 5 percent slopes, very stony	3	125
F104B	Toimi stony loam, 3 to 8 percent slopes, very stony	5	79
F104D	Toimi stony loam, 8 to 18 percent slopes, very stony	12	66
F104E	Toimi stony loam, 18 to 45 percent slopes, very stony	25	66
F105D	Toimi-Brimson-Rock outcrop complex, 0 to 20 percent slopes	10	66
F106B	Toimi-Nevens-Brimson complex, 0 to 8 percent slopes, very stony	5	52
F107D	Toimi-Nevens complex, 0 to 18 percent slopes, very stony	12	66
F108B	Brimson, very stony-Bugcreek, rubbly complex, 0 to 5 percent slopes	3	75
F109A	Wahbegon, depressional-Eldes complex, 0 to 2 percent slopes	0	52
F110A	Hegberg-Eldes complex, 0 to 3 percent slopes	2	75
F111B	Augustana-Hegberg complex, 1 to 8 percent slopes	6	52
F112D	Forbay-Augustana complex, 3 to 18 percent slopes	12	66
F113E	Forbay loam, 18 to 45 percent slopes	25	75
F115A	Merwin peat, dense substratum, 0 to 1 percent slopes	0	52
F116A	Mooselake mucky peat, 0 to 1 percent slopes	0	49
F117A	Rollins sandy loam, 0 to 3 percent slopes	1	75
F117B	Rollins sandy loam, 2 to 8 percent slopes	5	79
F117D	Rollins sandy loam, 8 to 18 percent slopes	14	52
F117F	Rollins sandy loam, 18 to 45 percent slopes	35	52
F118B	Aldenlake-Pequaywan complex, 0 to 6 percent slopes	5	79

**St. Louis County - Duluth Part, Minnesota**

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
F119B	Urban land-Greysolon-Normanna-Rock outcrop complex, 1 to 8 percent slopes	3	0
F120A	Grayling-Cromwell complex, 0 to 3 percent slopes	1	75
F120B	Grayling-Cromwell complex, 2 to 8 percent slopes	5	79
F120D	Grayling-Cromwell complex, 8 to 18 percent slopes	14	52
F120F	Grayling-Cromwell complex, 18 to 45 percent slopes	35	52
F121A	Aldenlake sandy loam, 0 to 3 percent slopes	1	75
F121B	Aldenlake sandy loam, 2 to 8 percent slopes	5	79
F121D	Aldenlake sandy loam, 8 to 18 percent slopes	14	52
F121F	Aldenlake sandy loam, 18 to 45 percent slopes	35	52
F122B	Aldenlake-Pequaywan complex, pitted, 0 to 8 percent slopes	5	79
F122D	Aldenlake-Pequaywan complex, pitted, 0 to 18 percent slopes	14	52
F122F	Aldenlake-Pequaywan complex, pitted, 0 to 45 percent slopes	35	52
F123B	Grayling-Grytal-Cromwell complex, pitted, 0 to 8 percent slopes	5	79
F123D	Grayling-Grytal-Cromwell complex, pitted, 0 to 18 percent slopes	14	52
F124B	Rollins-Pequaywan complex, pitted, 0 to 8 percent slopes	5	79
F124D	Rollins-Pequaywan complex, pitted, 0 to 18 percent slopes	14	52
F124F	Rollins-Pequaywan complex, pitted, 0 to 45 percent slopes	35	52
F125A	Pequaywan loam, 0 to 3 percent slopes	1	75
F126A	Grytal sandy loam, 0 to 3 percent slopes	1	75
F127A	Hulligan mucky fine sandy loam, depressional, 0 to 1 percent slopes	0	75
F128A	Hulligan fine sandy loam, 0 to 2 percent slopes	1	75
F129A	Tacoosh mucky peat, 0 to 1 percent slopes	0	49
F134A	Giese muck, depressional, 0 to 1 percent slope	0	52
F135A	Hermantown-Canosia-Giese, depressional complex, 0 to 3 percent slopes	2	75
F136A	Hermantown silt loam, 1 to 3 percent slopes	2	75
F137B	Normanna-Canosia-Hermantown complex, 0 to 8 percent slopes	6	52
F138D	Ahmeek-Normanna-Canosia complex, 0 to 18 percent slopes	13	66
F139F	Ahmeek fine sandy loam, 18 to 45 percent slopes	35	75
F140B	Normanna-Giese, depressional complex, pitted, 0 to 8 percent slopes	6	52
F141D	Ahmeek-Normanna-Cathro, depressional complex, pitted, 0 to 25 percent slopes	20	66
F142A	Canosia fine sandy loam, 0 to 2 percent slopes	1	52
F143B	Normanna-Aldenlake-Canosia complex, 0 to 8 percent slopes	6	52
F144D	Aldenlake-Ahmeek complex, 8 to 18 percent slopes	13	66
F145F	Ahmeek-Aldenlake complex, 18 to 45 percent slopes	35	75

**St. Louis County - Duluth Part, Minnesota**

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft
F146A	Giese muck, 0 to 2 percent slopes, rubbly	1	52
F147D	Ahmeek-Canosia-Rock outcrop complex, 0 to 25 percent slopes	18	66
F148F	Ahmeek-Rock outcrop-Fluvaquents, frequently flooded, complex, 0 to 50 percent slopes	45	118
F149D	Aldenlake-Rock outcrop complex, 3 to 20 percent slopes	14	52
F150A	Twig-Tacoosh-Giese complex, depressional, 0 to 1 percent slopes	0	52
F151A	Tacoosh mucky peat, dense substratum, 0 to 1 percent slopes	0	52
F152A	Aquepts complex, 0 to 2 percent slopes	0	75
F153B	Eutrudepts complex, 1 to 8 percent slopes	4	79
F154A	Urban land-Hermantown-Canosia complex, 0 to 3 percent slopes	1	0
F155B	Udalfs-Eutrudepts complex, 0 to 8 percent slopes	5	197
F155G	Udalfs-Eutrudepts complex, 25 to 70 percent slopes	50	492
F156D	Rock outcrop-Ahmeek, bedrock substratum-Barto complex, 4 to 18 percent slopes	12	79
F157C	Udipsamments-Urban land complex, 1 to 20 percent slopes	5	52
F158B	Urban land-Normanna-Canosia complex, 0 to 8 percent slopes	3	0
F159D	Urban land-Ahmeek-Normanna complex, 3 to 18 percent slopes	8	0
F160F	Rock outcrop-Mesaba-Barto complex, 18 to 60 percent slopes	45	79
F161A	Mooselake mucky peat, dense substratum, 0 to 1 percent slopes	0	191
F162A	Spidercreek sandy loam, 0 to 2 percent slopes	1	75
F163D	Urban land-Mesaba-Rock outcrop complex, 1 to 18 percent slopes	8	0
F170A	Rifle soils, dense substratum, 0 to 1 percent slopes	0	52
F171D	Udipsamments complex, 4 to 20 percent slopes	14	52
F175A	Greenwood soils, dense substratum, 0 to 1 percent slopes	0	52
GP	Pits, gravel-Udipsamments complex	25	0
I-W	Water, intermittent	0	0
USFS	U.S. Forest Service mapping		0
W	Water	0	0