

Highly Erodible Soil Map Unit List - **CROW WING COUNTY, MN**

**C=.12**

**R=110**

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musym	muname	HEL	T	K	I	slope_%	slope_l	LS
2-7A	Lougee peat, 0 to 1 percent slopes	NHEL						
2-11D	Graycalm-Totagatic, frequently flooded, complex, 0 to 35 percent slopes	HEL	4	0.15	134	15	125	2.80
2-25A	Aftad-Plover complex, 0 to 2 percent slopes	NHEL						
2-30D	Chetek-Seelyville, ponded, complex, 0 to 15 percent slopes	PHEL	3	0.24	86	10	100	1.40
2-31B	Pomroy-Bushville complex, Stewart Lake Moraine, 1 to 6 percent slopes	NHEL						
2-32A	Minocqua-Wabuse complex, 0 to 2 percent slopes	NHEL						
2-33B	Pomroy-Oesterle-Scott Lake complex, Stewart Lake Moraine, 2 to 8 percent slopes	NHEL						
3-6A	Brainerd-Mahtomedi complex, 1 to 10 percent slopes	NHEL						
3-9D	Pomroy loamy sand, Rainy till phase, 6 to 15 percent slopes	PHEL	4	0.15	134	10	125	1.60
3-10A	Uskabwanka-Seelyville-Cathro complex, 0 to 1 percent slopes	NHEL						
3-11A	Bowstring muck and Fluvaquents, loamy, 0 to 1 percent slopes, frequently flooded	NHEL						
3-11D	Hapludalfs-Fluvaquents, frequently flooded, complex, 0 to 35 percent slopes	PHEL	4	0.28	86	10	150	1.60
5-1A	Chetek-Graycalm complex, 0 to 2 percent slopes	NHEL						
5-1B	Chetek-Graycalm complex, 2 to 6 percent slopes	NHEL						
5-1D	Chetek-Graycalm complex, 6 to 12 percent slopes	PHEL	3	0.24	86	10	100	1.40
5-3B	Louis fine sandy loam, leached, 1 to 6 percent slopes	NHEL						
5-4A	Skunkcreek-Louis, leached, complex, 0 to 2 percent slopes	NHEL						
5-10A	Uskabwanka-Seelyville-Markey complex, 0 to 1 percent slopes	NHEL						
6-5B	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, pitted, 2 to 10 percent slopes	PHEL	3	0.32	48	6	250	0.99
6-5D	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, pitted, 10 to 20 percent slopes	HEL	3	0.32	48	12	250	2.80
6-5F	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, pitted, 20 to 40 percent slopes	HEL	3	0.32	48	12	250	2.80
6-13B	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, 2 to 10 percent slopes	PHEL	3	0.32	48	6	250	0.99
6-13D	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, 10 to 20 percent slopes	HEL	3	0.32	48	12	250	2.80
6-13F	Gerrish-Hapludalfs-Hegberg-Eutrudepts complex, 20 to 40 percent slopes	HEL	3	0.32	48	12	250	2.80
7-1A	McQuade-Buhl complex, 0 to 3 percent slopes	NHEL						
7-1B	Buhl loam, 1 to 4 percent slopes	NHEL						
7-2B	Hibbing-Buhl complex, 1 to 8 percent slopes	NHEL						
7-2D	Hibbing-Buhl complex, 1 to 18 percent slopes	HEL	3	0.32	48	10	250	2.20
7-3D	Hibbing loam, 8 to 18 percent slopes	HEL	3	0.32	48	12	250	2.80

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musym	muname	HEL	T	K	I	slope_%	slope_l	LS
7-3E	Hibbing loam, 18 to 30 percent slopes	HEL	3	0.32	48	12	250	2.80
7-5A	McQuade-Fayal, ponded, complex, 0 to 2 percent slopes	NHEL						
7-6A	Daisybay peat, 0 to 1 percent slopes	NHEL						
7-10A	Mooseline-Turpela complex, 0 to 3 percent slopes	NHEL						
7-11A	Turpela fine sandy loam, 0 to 1 percent slopes	NHEL						
7-13B	Mooseline-Buhl complex, 0 to 6 percent slopes	NHEL						
7-16A	Uskabwanka-Rifle-Tacoosh complex, 0 to 1 percent slopes	NHEL						
8-2B	Friendship-Meehan complex, 1 to 4 percent slopes	NHEL						
8-8A	Meehan loamy sand, 0 to 2 percent slopes	NHEL						
8-10A	Roscommon loamy sand, 0 to 2 percent slopes	NHEL						
514	Tacoosh mucky peat, 0 to 1 percent slopes	NHEL						
533	Loxley-Loxley, ponded, complex, 0 to 1 percent slopes	NHEL						
540	Seelyeville-Seelyeville, ponded, complex, 0 to 1 percent slopes	NHEL						
543	Markey muck, 0 to 1 percent slopes	NHEL						
544	Cathro muck, 0 to 1 percent slopes	NHEL						
1007	Udorthents, shallow (sanitary landfill)	NHEL						
1011A	Fordum-Winterfield complex, 0 to 4 percent slopes, flooded	NHEL						
1043	Udorthents, loamy (cut and fill land), 0 to 80 percent slopes	PHEL	3	0.32	48	6	250	0.99
1048	Udorthents, iron mine, 2 to 120 percent slopes	PHEL	3	0.32	48	6	250	0.99
1050	Udorthents, coarse-loamy, tailings basin	NHEL						
1061	Udipsamments-Highway complex, 0 to 35 percent slopes	PHEL	4	0.2	86	10	100	1.40
B32A	McQuade-Daisybay, ponded-Fayal, ponded, complex, 0 to 2 percent slopes	NHEL						
C17A	Rosholt-Chetek complex, 0 to 2 percent slopes	NHEL						
C17B	Rosholt-Chetek complex, 2 to 8 percent slopes	NHEL						
C17C	Rosholt-Chetek complex, 8 to 15 percent slopes	PHEL	3	0.24	86	10	100	1.40
C27A	Oesterle-Scott Lake complex, 0 to 3 percent slopes	NHEL						
C43C	Forbay-Augustana complex, 3 to 15 percent slopes	HEL	3	0.32	48	10	250	2.20
C50B	Augustana-Hegberg complex, 1 to 8 percent slopes	NHEL						
C53B	Pomroy loamy sand, Rainy till phase, 1 to 6 percent slopes	NHEL						

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musym	muname	HEL	T	K	I	slope_%	slope_l	LS
C55A	Watab loamy sand, Rainy till phase, 0 to 2 percent slopes	NHEL						
C60B	Bushville loamy sand, Rainy till phase, 0 to 3 percent slopes	NHEL						
C147A	Blackhoof-Cathro-Wahbegon complex, 0 to 1 percent slopes, ponded	NHEL						
C163B	Brainerd sandy loam, 1 to 4 percent slopes	NHEL						
C164B	Brainerd-Flak complex, 4 to 8 percent slopes	NHEL						
C165B	Nokay-Brainerd complex, 0 to 3 percent slopes	NHEL						
C166A	Nokay-Prebish complex, 0 to 2 percent slopes	NHEL						
C168A	Witbeck-Cathro complex, 0 to 2 percent slopes	NHEL						
C169C	Flak-Brainerd complex, 6 to 15 percent slopes	PHEL	4	0.28	86	10	150	1.60
C181A	Prebish-Witbeck complex, 0 to 2 percent slopes, frequently flooded	NHEL						
D49A	Graycalm loamy sand, 0 to 2 percent slopes	NHEL						
D49B	Graycalm loamy sand, 2 to 8 percent slopes	NHEL						
D49D	Graycalm loamy sand, 12 to 25 percent slopes	HEL	4	0.15	134	15	125	2.80
D53B	Lougee-Barber-Guida complex, 0 to 6 percent slopes	NHEL						
D57A	Madaus-Madaus, ponded, complex, 0 to 2 percent slopes	NHEL						
D58B	Roscommon-Gnesen-Meehan complex, 0 to 3 percent slopes	NHEL						
D62A	Zimmerman loamy fine sand, 0 to 2 percent slopes	NHEL						
D62B	Zimmerman loamy fine sand, 1 to 6 percent slopes	NHEL						
D62C	Zimmerman loamy fine sand, 6 to 15 percent slopes	NHEL						
D63A	Zimmerman loamy fine sand, 0 to 3 percent slopes, pitted	NHEL						
D65A	Lougee peat, zimmerman catena, 0 to 1 percent slopes	NHEL						
D66A	Uskabwanka-Rifle-Barber complex, 0 to 3 percent slopes	NHEL						
D67A	Hubbard loamy sand, Mississippi River Valley, 0 to 2 percent slopes	NHEL						
D67B	Hubbard loamy sand, Mississippi River Valley, 2 to 6 percent slopes	NHEL						
D67C	Hubbard loamy sand, Mississippi River Valley, 6 to 12 percent slopes	NHEL						
D68A	Uskabwanka-Rifle-Lougee complex, 0 to 1 percent slopes	NHEL						
D69B	Zimmerman-Urban land complex, 0 to 6 percent slopes	NHEL						
D70A	Barber-Urban land complex, 0 to 3 percent slopes	NHEL						
D71A	Rifle, Seelyeville and Lougee soils, 0 to 1 percent slopes, ponded	NHEL						

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musym	muname	HEL	T	K	I	slope_%	slope_l	LS
D72B	Graycalm-Wurtsmith complex, 2 to 8 percent slopes	NHEL						
D73B	Wurtsmith-Meehan complex, MLRA 91A, 1 to 8 percent slopes	NHEL						
D74B	Wurtsmith-Meehan-Beach complex, MLRA 91A, 1 to 8 percent slopes	NHEL						
D75A	Graycalm loamy sand, pitted, 0 to 3 percent slopes	NHEL						
D76C	Graycalm-Grayling complex, pitted, 2 to 15 percent slopes	NHEL						
D76D	Graycalm-Grayling complex, pitted, 2 to 20 percent slopes	PHEL	4	0.2	86	10	100	1.40
D77C	Graycalm-Grayling complex, 2 to 15 percent slopes	NHEL						
D77D	Graycalm-Grayling complex, 12 to 25 percent slopes	HEL	4	0.15	134	15	125	2.80
D77F	Graycalm-Grayling complex, 25 to 45 percent slopes	HEL	4	0.15	134	15	125	2.80
D78B	Graycalm-Grayling-Meehan complex, 1 to 8 percent slopes	NHEL						
D79C	Graycalm-Rifle complex, 0 to 10 percent slopes	NHEL						
D80D	Graycalm-Grayling-Rifle complex, 0 to 25 percent slopes	PHEL	4	0.2	86	10	100	1.40
D82D	Graycalm-Grayling-Water complex, 0 to 25 percent slopes	PHEL	4	0.2	86	10	100	1.40
D83C	Eutrudepts-Graycalm-Rollins complex, pitted, 2 to 10 percent slopes	NHEL						
D83D	Eutrudepts-Graycalm-Rollins complex, pitted, 10 to 20 percent slopes	HEL	3	0.24	86	15	100	2.50
D83F	Eutrudepts-Graycalm-Rollins complex, pitted, 20 to 45 percent slopes	HEL	3	0.24	86	24	100	5.60
D84C	Eutrudepts-Graycalm-Rollins complex, 2 to 10 percent slopes	NHEL						
D84D	Eutrudepts-Graycalm-Rollins complex, 10 to 20 percent slopes	HEL	3	0.24	86	15	100	2.50
D84F	Eutrudepts-Graycalm-Rollins complex, 20 to 45 percent slopes	HEL	3	0.24	86	24	100	5.60
D85D	Emmert-Gerrish complex, 12 to 25 percent slopes	HEL	4	0.15	134	15	125	2.80
D85F	Emmert-Gerrish complex, 25 to 50 percent slopes	HEL	4	0.15	134	15	125	2.80
D86B	Gerrish-Mahtomedi complex, 2 to 8 percent slopes	NHEL						
D86D	Gerrish-Mahtomedi complex, 12 to 25 percent slopes	HEL	4	0.15	134	15	125	2.80
D87A	Rifle-Rifle, ponded, complex, 0 to 1 percent slopes	NHEL						
D88A	Greenwood-Greenwood, ponded, complex, 0 to 1 percent slopes	NHEL						
D89A	Lougee-Totagatic-Bowstring complex, 0 to 1 percent slopes, frequently flooded	NHEL						
D91A	Duelm loamy sand, Mississippi River Valley, 0 to 2 percent slopes	NHEL						
D93A	Isan-Isan, frequently ponded, complex, 0 to 2 percent slopes	NHEL						
D94A	Glendorado loamy sand, Mississippi River Valley, 0 to 2 percent slopes	NHEL						

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musym	muname	HELC	T	K	I	slope_%	slope_I	LS
D96B	Nymore-Eagleview complex, Mississippi River Valley, pitted, 1 to 8 percent slopes	NHEL						
D96C	Nymore-Eagleview complex, Mississippi River Valley, pitted, 8 to 15 percent slopes	NHEL						
D96E	Nymore-Eagleview complex, Mississippi River Valley, pitted, 15 to 30 percent slopes	HEL	4	0.15	134	15	125	2.80
D97A	Sandberg-Hubbard complex, Mississippi River Valley, 0 to 3 percent slopes	NHEL						
D98A	Dorset sandy loam, Mississippi River Valley, 0 to 2 percent slopes	NHEL						
D99G	Eagleview-Nymore-Corliss complex, Mississippi River Valley, 15 to 60 percent slopes	HEL	4	0.15	134	15	125	2.80
D100A	Hubbard loamy sand, well drained, Mississippi River Valley, 0 to 3 percent slopes	NHEL						
F109A	Wahbegon-Eldes complex, 0 to 2 percent slopes	NHEL						
F110A	Hegberg-Eldes complex, 0 to 3 percent slopes	NHEL						
GP	Pits, gravel-Udipsamments complex	NHEL						
M-W	Water, miscellaneous	NHEL						
MA	Rifle and Seelyeville soils, 0 to 1 percent slopes, ponded	NHEL						
W	Water	NHEL						