

HIGHLY ERODIBLE SOIL MAP UNIT LIST - ANOKA COUNTY, MN

C = .10

R = 130

This data is only to be used for HEL determinations. This is the "frozen list" based on 01/01/1990 information. Values other than 'HEL' should only be used for PHEL.

musym	muname	HEL	T	K	I	slope_%	slope_l	LS
Af	Alluvial land, mixed, frequently flooded	NHEL	5	.17	134	0.5	100	0.10
AnA	Anoka loamy fine sand, 0 to 2 percent slopes	NHEL	5	.17	134	1.0	75	0.12
AnB	Anoka loamy fine sand, 2 to 6 percent slopes	NHEL	5	.17	134	4.0	75	0.37
AnC	Anoka loamy fine sand, 6 to 12 percent slopes	NHEL	5	.17	134	9.0	75	1.00
Ba	Becker very fine sandy loam	NHEL	4	.28	86	1.0	50	0.10
Bm	Blomford loamy fine sand	NHEL	5	.17	134	1.0	50	0.10
BtB	Braham loamy fine sand, 2 to 6 percent slopes	NHEL	5	.17	134	4.0	90	0.40
BtC	Braham loamy fine sand, 6 to 18 percent slopes	PHEL	5	.17	134	12.0	75	1.60
Bx	Brickton silt loam	NHEL	3	.43	48	1.0	50	0.10
Cb	Cathro muck	NHEL	5	0.00	134	0.5	100	0.10
CkB	Chetek sandy loam, 2 to 6 percent slopes	NHEL	3	.24	86	4.0	100	0.40
CkC	Chetek sandy loam, 6 to 12 percent slopes	PHEL	3	.24	86	8.0	90	0.95
Cu	Udorthents	NHEL	5	0.24	86	1.0	75	0.12
D20A	Isan-Isan, frequently ponded, complex, 0 to 2 percent slopes	NHEL	5	.20	86	0.5	100	0.10
D62A	Hubbard-Mosford complex, Mississippi River Valley, 0 to 3 percent slopes	NHEL	5	0.17	134	1.0	100	0.13
D64B	Urban land-Hubbard complex, Mississippi River Valley, 0 to 8 percent slopes	NHEL						
D67A	Hubbard loamy sand, 0 to 2 percent slopes	NHEL	5	.15	160	1.0	100	0.13
D67B	Hubbard loamy sand, Mississippi River Valley, 2 to 6 percent slopes	NHEL	5	.15	160	3.0	100	0.29
D67C	Hubbard loamy sand, 2 to 12 percent slopes	NHEL	5	.15	160	8.0	80	0.89
D90B	Nymore loamy sand, 1 to 6 percent slopes	NHEL	5	.17	134	3.0	100	0.29
DIA	Dalbo silt loam, 1 to 5 percent slopes	NHEL	3	.43	48	2.0	75	0.19
DnA	Dickman sandy loam, 0 to 2 percent slopes	NHEL	3	.20	86	1.0	100	0.13
DnB	Dickman sandy loam, 2 to 6 percent slopes	NHEL	3	.20	86	3.0	100	0.29
Dp	Duelm loamy coarse sand	NHEL	5	.15	134	1.0	75	0.12
Du	Dundas loam	NHEL	5	.28	56	1.0	75	0.12
EmC	Emmert gravelly coarse sandy loam, 6 to 12 percent slopes	PHEL	2	.10	0	9.0	80	0.95
EmD	Emmert gravelly coarse sandy loam, 12 to 25 percent slopes	HEL	2	.10	0	18.0	75	3.00
EpC	Emmert complex, 4 to 12 percent slopes	NHEL	5	.20	86	6.0	100	0.67
EpD	Emmert complex, 12 to 25 percent slopes	HEL	5	.20	86	15.0	90	2.50

musym	muname	HELIC	T	K	I	slope_%	slope_l	LS
Fo	Fordum-Winterfield complex, 0 to 2 percent slopes, frequently flooded	NHEL	4	.17	0	0.5	100	0.10
Gc	Glencoe loam	NHEL	5	.28	56	0.5	100	0.10
GrA	Growton fine sandy loam, 1 to 4 percent slopes	NHEL	5	.24	86	2.0	100	0.20
HdB	Hayden fine sandy loam, 2 to 6 percent slopes	NHEL	5	.24	86	4.0	100	0.40
HdC2	Hayden fine sandy loam, 6 to 12 percent slopes, eroded	PHEL	5	.24	86	10.0	90	1.30
HdD	Hayden fine sandy loam, 12 to 24 percent slopes	HEL	5	.24	86	15.0	75	2.30
HeB	Heyder fine sandy loam, 2 to 6 percent slopes	NHEL	5	.20	86	4.0	80	0.37
HeC2	Heyder fine sandy loam, 6 to 12 percent slopes, eroded	NHEL	5	.20	86	9.0	75	1.00
HeD	Heyder fine sandy loam, 12 to 18 percent slopes	HEL	5	.20	86	15.0	75	2.30
HeE	Heyder fine sandy loam, 18 to 30 percent slopes	HEL	5	.20	86	24.0	70	5.50
HIC	Heyder complex, 4 to 12 percent slopes	NHEL	5	.24	86	6.0	100	0.67
HID	Heyder complex, 12 to 25 percent slopes	HEL	5	.24	86	15.0	90	2.30
HuA	Hubbard coarse sand, 0 to 2 percent slopes	NHEL	5	.15	160	1.0	100	0.13
HuB	Hubbard coarse sand, 2 to 6 percent slopes	NHEL	5	.15	160	3.0	100	0.29
Is	Isan sandy loam	NHEL	5	.20	86	0.5	100	0.10
Iw	Isanti fine sandy loam	NHEL	5	.20	86	0.5	100	0.10
KmB	Kingsley fine sandy loam, 2 to 6 percent slopes	NHEL	5	.20	86	4.0	90	0.37
KmC2	Kingsley fine sandy loam, 6 to 12 percent slopes, eroded	NHEL	5	.20	86	8.0	90	0.90
KmD	Kingsley fine sandy loam, 12 to 18 percent slopes	HEL	5	.20	86	15.0	80	2.30
KmE	Kingsley fine sandy loam, 18 to 30 percent slopes	HEL	5	.20	86	24.0	75	5.50
Kr	Kratka loamy fine sand	NHEL	5	.17	134	0.5	100	0.10
Lb	Lake beaches	NHEL	5	.15	180	2.0	75	0.19
LgB	Langola loamy sand, 0 to 6 percent slopes	NHEL	4	.15	134	3.0	100	0.29
LnA	Lino loamy fine sand, 0 to 4 percent slopes	NHEL	5	.17	134	2.0	75	0.19
Lw	Loamy wet land	NHEL	5	0.24	56	0.5	75	0.09
Lx	Lupton muck	NHEL	5	0.00	134	0.5	100	0.10
Ma	Markey muck	NHEL	4	0.00	134	0.5	100	0.10
Mc	Marsh	NHEL	0	0.00	0	0.0	0	0.00
Me	Meehan sand	NHEL	5	.15	180	1.0	75	0.12
Mk	Millerville mucky peat	NHEL	4	0.00	56	0.5	100	0.10
MoA	Mora fine sandy loam, 1 to 4 percent slopes	NHEL	4	.28	86	2.0	100	0.20
NeA	Nessel fine sandy loam, 1 to 4 percent slopes	NHEL	5	.24	86	2.0	100	0.20
No	Nowen sandy loam	NHEL	5	.20	86	1.0	75	0.12

musym	muname	HELK	T	K	I	slope_%	slope_l	LS
NrD	Nymore loamy coarse sand, 12 to 25 percent slopes	HEL	5	.17	134	15.0	100	2.50
NyA	Nymore loamy sand, 0 to 2 percent slopes	NHEL	5	.17	134	1.0	100	0.13
NyB	Nymore loamy sand, 2 to 6 percent slopes	NHEL	5	.17	134	3.0	100	0.29
NyC	Nymore loamy sand, 6 to 12 percent slopes	NHEL	5	.17	134	9.0	90	1.20
Rf	Rifle mucky peat	NHEL	5	0.00	56	0.5	100	0.10
Rg	Rifle muck, woody	NHEL	5	0.00	134	0.5	100	0.10
Rh	Rifle soils, ponded	NHEL	5	0.00	0	0.0	0	0.00
Ru	Rondeau muck	NHEL	5	0.00	134	0.5	100	0.10
Ry	Ronneby fine sandy loam	NHEL	4	.24	86	1.0	75	0.12
SbB	Sartell fine sand, 2 to 6 percent slopes	NHEL	5	.15	220	3.0	100	0.29
SbC	Sartell fine sand, 6 to 12 percent slopes	NHEL	5	.15	220	9.0	100	1.20
SbC2	Sartell fine sand, 6 to 12 percent slopes, eroded	NHEL	5	.15	220	9.0	100	1.20
SbD2	Sartell fine sand, 12 to 24 percent slopes, eroded	PHEL	5	.15	220	15.0	100	2.50
Se	Seelyeville muck	NHEL	5	0.00	134	0.5	100	0.10
SoA	Soderville fine sand, 0 to 3 percent slopes	NHEL	5	.15	220	2.0	100	0.20
Ub	Urban land-Becker complex, 0 to 3 percent slopes	NHEL						
Ud	Urban land-Dundas complex, 0 to 3 percent slopes	NHEL						
UhdC	Urban land-Hayden complex, 3 to 15 percent slopes	NHEL						
UhdD	Urban land-Hayden complex, 15 to 25 percent slopes	NHEL						
Ui	Urban land-Isanti complex, 0 to 2 percent slopes	NHEL						
UKD	Urban land-Kingsley complex, 15 to 25 percent slopes	NHEL						
Un	Urban land-Lino complex, 0 to 3 percent slopes	NHEL						
UuB	Urban land-Udorthents (cut and fill land) complex, 0 to 6 percent slopes	NHEL						
Uw	Urban land-Udorthent, wet substratum complex, 0 to 2 percent slopes	NHEL						
UzB	Urban land-Zimmerman complex, 0 to 8 percent slopes	NHEL						
Wb	Webster loam	NHEL	5	0.24	56	0.5	100	0.10
ZmA	Zimmerman fine sand, 0 to 2 percent slopes	NHEL	5	0.15	220	1.0	100	0.13
ZmB	Zimmerman fine sand, 2 to 6 percent slopes	NHEL	5	0.15	220	3.0	100	0.29
ZmC	Zimmerman fine sand, 6 to 12 percent slopes	NHEL	5	0.15	220	9.0	90	1.20
ZmD	Zimmerman fine sand, 12 to 24 percent slopes	PHEL	5	0.15	220	15.0	80	2.30