

Highly Erodible Soil Map Unit List - Big Stone County, MN

C= 0.25

R= 100

This data is only to be used for HEL determinations

This is the "frozen data" based on 01/01/1990 information. Values other than "HELC" should only be used for PHEL.

Mapunit Symbol	Mapunit Name	HELC	T	K	I	Slope Percent	Slope Length	LS
26	Aazdahl clay loam, 1 to 4 percent slopes	NHEL	5	0.24	48	1.00	100	0.13
34	Parnell silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	38	1.00	200	0.16
36	Lakepark-Parnell, occasionally ponded, complex, 0 to 2 percent slopes	NHEL	5	0.28	38	1.00	200	0.16
51	La Prairie loam, 0 to 2 percent slopes, occasionally flooded	NHEL	5	0.28	48	1.00	200	0.16
60	Glyndon silty clay loam	NHEL	5	0.28	86	1.00	200	0.16
70	Svea loam, 1 to 3 percent slopes	NHEL	5	0.28	48	1.00	200	0.16
127B	Sverdrup sandy loam, 2 to 6 percent slopes	NHEL	4	0.20	86	4.00	175	0.50
137	Dovray silty clay	NHEL	5	0.28	86	1.00	200	0.16
141A	Egeland fine sandy loam, 0 to 2 percent slopes	NHEL	5	0.20	86	1.00	200	0.16
141B	Egeland fine sandy loam, 2 to 6 percent slopes	NHEL	5	0.20	86	4.00	175	0.50
171B	Formdale clay loam, 1 to 6 percent slopes	NHEL	5	0.24	48	3.00	175	0.34
180	Gonvick loam, 1 to 4 percent slopes	NHEL	5	0.24	48	2.00	200	0.16

Mapunit Symbol	Mapunit Name	HELC	T	K	I	Slope Percent	Slope Length	LS
184A	Balaton-Hamerly complex, 1 to 4 percent slopes	NHEL	5	0.28	86	2.00	200	0.25
185B	Hattie silty clay, 1 to 4 percent slopes	NHEL	5	0.28	86	3.00	175	0.34
185C	Hattie silty clay, 4 to 10 percent slopes	NHEL	5	0.28	86	7.00	150	1.00
192A	Estelline silt loam, 0 to 2 percent slopes	NHEL	4	0.32	48	1.00	200	0.16
192B	Estelline silt loam, 2 to 6 percent slopes	NHEL	4	0.32	48	4.00	175	0.50
210	Fulda silty clay, 0 to 2 percent slopes	NHEL	5	0.28	86	1.00	200	0.16
236	Vallers clay loam, 0 to 2 percent slopes	NHEL	5	0.28	86	1.00	200	0.16
246	Marysland loam, 0 to 2 percent slopes	NHEL	4	0.28	86	1.00	200	0.16
276	Oldham silty clay loam, occasionally ponded, 0 to 1 percent slopes	NHEL	5	0.28	86	1.00	200	0.16
288D	Sisseton-Esmond-Heimdal, complex, 6 to 20 percent slopes, moderately eroded	HEL	5	0.28	86	15.00	100	2.50
293A	Swenoda sandy loam, 0 to 2 percent slopes	NHEL	5	0.20	86	1.00	200	0.16
293B	Swenoda sandy loam, 2 to 6 percent slopes	NHEL	5	0.20	86	4.00	175	0.50
296B	Fram loam, 1 to 4 percent slopes	NHEL	5	0.28	86	3.00	175	0.34
314	Spottswood loam	NHEL	4	0.24	48	1.00	200	0.16
339	Fordville loam 0 to 2 percent slopes	NHEL	4	0.24	48	1.00	200	0.16

Mapunit Symbol	Mapunit Name	HELC	T	K	I	Slope Percent	Slope Length	LS
341	Arvilla sandy loam, Till Prairie, 0 to 2 percent slopes	NHEL	3	0.20	56	1.00	200	0.16
344	Bigstone silty clay loam	NHEL	5	0.28	86	1.00	200	0.16
347	Malachy loam	NHEL	4	0.20	56	1.00	200	0.16
373B	Renshaw loam, 1 to 6 percent slopes	NHEL	3	0.28	48	3.00	175	0.34
402B	Sandberg sandy loam, 1 to 6 percent slopes	NHEL	2	0.28	56	4.00	175	0.50
402E	Sandberg gravelly sandy loam, 6 to 30 percent slopes	PHEL	2	0.28	56	21.00	100	4.40
410	Athelwold silt loam	NHEL	4	0.28	48	1.00	200	0.16
418	Lamoure silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	86	1.00	200	0.16
437D	Langhei-Barnes, moderately eroded, complex, 12 to 20 percent slopes	HEL	5	0.28	86	15.00	100	2.50
450	Rauville silty clay loam, 0 to 2 percent slopes, frequently flooded	NHEL	5	0.28	0	1.00	200	0.16
494B	Darnen loam, 1 to 6 percent slopes	NHEL	5	0.28	48	4.00	175	0.50
694B	Zell silt loam, 2 to 8 percent slopes	NHEL	5	0.32	86	5.00	175	0.71
698	Doran clay loam	NHEL	5	0.28	48	1.00	200	0.16
787	Fram-Vallers-Parnell complex	NHEL	5	0.28	86	1.00	200	0.16
814	Hamerly-Lindaas complex	NHEL	5	0.32	38	1.00	200	0.16

Mapunit Symbol	Mapunit Name	HELC	T	K	I	Slope Percent	Slope Length	LS
827B	Esmond-Heimdal-Sisseton complex, 2 to 6 percent slopes	NHEL	5	0.28	86	4.00	175	0.50
827C2	Esmond-Sisseton-Heimdal, complex, 2 to 12 percent slopes, moderately eroded	PHEL	5	0.28	86	9.00	150	1.40
900	Hamerly-Aazdahl-Lindaas complex	NHEL	5	0.32	38	1.00	200	0.16
915B	Formdale-Buse clay complex, 2 to 6 percent slopes	NHEL	5	0.28	86	5.00	175	0.71
915C2	Buse-Formdale clay loams, 6 to 12 percent slopes, eroded	PHEL	5	0.28	86	9.00	150	1.50
922	Hamerly-Parnell complex	NHEL	5	0.28	86	1.00	200	0.16
923C	Copaston-Rock outcrop complex, 1 to 25 percent slopes	PHEL	2	0.28	56	13.00	100	2.00
1817F	Esmond loam, 18 to 45 percent slopes, bouldery	HEL	5	0.20	0	32.00	100	9.00
1916	Lindaas silty clay loam	NHEL	5	0.32	38	1.00	200	0.16
1940	Bigstone silty clay loam, ponded	NHEL	5	0.28	0	1.00	200	0.16
1949	Gardena silt loam	NHEL	5	0.28	56	1.00	200	0.16
1994	Embden loam	NHEL	5	0.20	56	1.00	200	0.16
1013	Pits, quarry							
1030	Udorthents-pits, gravel complex							
M-W	Water, miscellaneous							

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W	Water							