

Erosion Categories 1 = Highly Erodible Land
 2 = Potentially Highly Erodible Land
 3 = Not Highly Erodible Land

Erosion Category	SMS	Soil Name	Acres	Min LS
1	138C	CLARION LOAM, 5 TO 9 PERCENT SLOPES	11160	0.82
1	138C2	CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	14195	0.82
1	138D2	CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1385	0.82
1	168C	HAYDEN LOAM, 5 TO 9 PERCENT SLOPES	1920	0.71
1	168C2	HAYDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	900	0.71
1	168D2	HAYDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	510	0.71
1	168E	HAYDEN LOAM, 14 TO 18 PERCENT SLOPES	500	0.71
1	236C2	LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1065	0.82
1	28C	DICKMAN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	665	0.69
1	356G	HAYDEN-STORDEN LOAMS, 25 TO 50 PERCENT SLOPES	19645	0.71
1	444C	JACWIN LOAM, 3 TO 9 PERCENT SLOPES	205	0.82
1	566D	MOINGONA LOAM, 9 TO 14 PERCENT SLOPES	215	0.82
1	62C2	STORDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1700	0.82
1	62D2	STORDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	4180	0.82
1	62E2	STORDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1660	0.71
1	62F	STORDEN LOAM, 18 TO 25 PERCENT SLOPES	785	0.82
1	639D	STORDEN-SALIDA COMPLEX, 9 TO 14 PERCENT SLOPES	260	0.49
1	639E	STORDEN-SALIDA COMPLEX, 14 TO 25 PERCENT SLOPES	350	0.49
1	73F	SALIDA GRAVELLY SANDY LOAM, 14 TO 25 PERCENT SLOPES	725	1.37
1	778C	SATTRE LOAM, 5 TO 9 PERCENT SLOPES	225	0.65
1	829D2	ZENOR-STORDEN COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1015	0.65
1	829E2	ZENOR-STORDEN COMPLEX, 14 TO 25 PERCENT SLOPES, MODERATELY ERODED	335	0.65
2	27C	TERRIL LOAM, 5 TO 9 PERCENT SLOPES	1140	0.95
2	385B	GUCKEEN CLAY LOAM, 1 TO 4 PERCENT SLOPES	410	0.49
2	566C	MOINGONA LOAM, 5 TO 9 PERCENT SLOPES	1005	0.82
2	73D	SALIDA GRAVELLY SANDY LOAM, 5 TO 14 PERCENT SLOPES	535	1.37
2	823C2	RIDGEPORT SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	325	0.76
2	828C	ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES	485	0.91
2	828C2	ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2090	0.91
3	107	WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	30660	0.95
3	1135	COLAND CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	3570	0.82
3	135	COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	6500	0.82
3	138B	CLARION LOAM, 2 TO 5 PERCENT SLOPES	58130	0.82
3	1636	BUCKNEY FINE SANDY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	2520	1.08
3	167	AMES SILT LOAM, 0 TO 1 PERCENT SLOPES	225	0.62
3	168B	HAYDEN LOAM, 2 TO 5 PERCENT SLOPES	8215	0.71
3	203	CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	1080	0.76
3	224	LINDER SANDY LOAM, 0 TO 2 PERCENT SLOPES	250	0.76
3	236B	LESTER LOAM, 2 TO 5 PERCENT SLOPES	3695	0.82
3	2485B	SPILLVILLE-BUCKNEY COMPLEX, 2 TO 5 PERCENT SLOPES	1945	0.65
3	259	BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	915	0.65
3	28B	DICKMAN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	815	0.69
3	307	DUNDAS SILT LOAM, 0 TO 2 PERCENT SLOPES	1185	0.82
3	308	WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	455	0.76
3	308B	WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	625	0.76
3	325	LE SUEUR LOAM, 0 TO 2 PERCENT SLOPES	2235	0.95
3	335	HARCOT LOAM, 0 TO 2 PERCENT SLOPES	360	0.65
3	355	LUTHER LOAM, 0 TO 2 PERCENT SLOPES	2635	0.71

1- 1138C →

Clarion-urbanland complex, 5-9 percent slopes

3- 4138B

Clarion-urbanland complex, 2-5 percent slopes

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Boone County Erodible Land List (Water Erosion) Boone Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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3	383	MARNA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1115	0.82
3	485	SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	990	0.82
3	485B	SPILLVILLE LOAM, 2 TO 5 PERCENT SLOPES	2230	0.82
3	507	CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	83690	0.71
3	511	BLUE EARTH MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	580	0.82
3	536	HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	725	1.14
3	55	NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	42530	0.95
3	559	TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	1360	0.65
3	566B	MOINGONA LOAM, 1 TO 5 PERCENT SLOPES	950	0.82
3	585B	COLAND-SPILLVILLE COMPLEX, 2 TO 5 PERCENT SLOPES	3735	0.82
3	6	OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	4025	0.62
3	636	BUCKNEY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	595	1.08
3	655	CRIPPIN LOAM, 1 TO 3 PERCENT SLOPES	1390	0.82
3	733	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	330	0.82
3	778	SATTRE LOAM, 0 TO 2 PERCENT SLOPES	520	0.65
3	778B	SATTRE LOAM, 2 TO 5 PERCENT SLOPES	785	0.65
3	823	RIDGEPORT SANDY LOAM, 0 TO 2 PERCENT SLOPES	500	0.76
3	823B	RIDGEPORT SANDY LOAM, 2 TO 5 PERCENT SLOPES	445	0.76
3	828B	ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	910	0.91
3	90	OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	5035	0.62
3	95	HARPS LOAM, 0 TO 2 PERCENT SLOPES	12930	0.95

3 - 4055
3 - 4507

Nicollet-Urban land complex, 1-3 percent slopes
Canisteo-Urban land complex, 0-2%

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	63,600
2	5,990
3	291,385

urban units added Oct 5, 1993 by Doug Dehn