Mar 19 16:33 1987 Muscatine County Erodible Land List (Water Erosion) Muscatine Field Office

Erosion Index (EI) = 8 Rainfall Factor (R) = 175

Archival list - Retain

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	120C	TAMA SILT LOAM, 5 TO 9 PERCENT SLOPES	490	0.71
1	120C2	TAMA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	4960	0.71
1	120C3	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	1040	0.57
1	120D2	TAMA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	570	0.71
1	120D3	TAMA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	440	0.57
1	162C	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES	620	0.71
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	5990	0.71
1	162C3	DOWNS SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	470	0.57
1	162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2050	0.71
1	162D3	DOWNS SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	550	0.57
1	163C	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES	5420	0.62
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	4530	0.62
1	163D	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES	1130	0.62
1	163D2	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	3050	0.62
1	163E	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES	930	0.62
1	163E2	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	870	0.62
1	163F	FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES	720	0.62
1	163G	FAYETTE SILT LOAM, 25 TO 40 PERCENT SLOPES	4160	0.62
1	179D2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	610	0.82
1	179F	GARA LOAM, 14 TO 25 PERCENT SLOPES	350	0.82
1	293G	CHELSEA-FAYETTE COMPLEX, 25 TO 40 PERCENT SLOPES	370	0.62
1	313G	GOSPORT SILTY CLAY LOAM, 18 TO 40 PERCENT SLOPES	910	0.32
1	352C	WHITTIER SILT LOAM, 5 TO 9 PERCENT SLOPES	450	0.57
1	352C2	WHITTIER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	590	0.57
1	352D2	WHITTIER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	430	0.57
1	479G	GALE SILT LOAM, 18 TO 40 PERCENT SLOPES	430	0.49
1	480C2	ORWOOD SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	420	0.71
1	480D2	ORWOOD SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	790	0.71
1	480F2	ORWOOD SILT LOAM, 14 TO 25 PERCENT SLOPES, MODERATELY ERODED	360	0.71
1	481D2	RUSSELL SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	760	0.62
1	481E2	RUSSELL SILT LOAM, 14 to 18 PERCENT SLOPES, MODERATELY ERODED	270	0.62
1	488C2	NEWVIENNA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2740	0.71
1	488C3	NEWVIENNA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	1070	0.57
1	488D2	NEWVIENNA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	490	0.71
1	488D3	NEWVIENNA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	390	0.57
1	567B	MOINGONA VARIANT LOAM, 2 TO 5 PERCENT SLOPES	570	0.82
1	623D2	ROZETTA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	840	0.62
1	63D	CHELSEA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	1120	1.35
1	63E	CHELSEA LOAMY FINE SAND, 14 TO 25 PERCENT SLOPES	790	1.35
1	63G	CHELSEA LOAMY FINE SAND, 25 TO 45 PERCENT SLOPES	930	1.35
1	65D2	LINDLEY LOAM, 5 TO 14 PERCENT SLOPES, MODERATELY ERODED	540	0.71
1	65E2	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	640	0.71
1	65F	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	900	0.71
1	65G	LINDLEY LOAM, 25 TO 50 PERCENT SLOPES	2760	0.71
1	680G	LINDLEY-DOUDS-ORWOOD SILT LOAMS, 18 TO 40 PERCENT SLOPES	2780	0.71
1	753B	THEBES SILT LOAM, 2 TO 5 PERCENT SLOPES	480	0.49
1	753C	THEBES SILT LOAM, 5 TO 9 PERCENT SLOPES	310	0.49
1	753C2	THEBES SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	380	0.49

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Erosion Category	SMS	Soil Name	Acres	Min LS
1	753D2	THEBES SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	290	0.49
1	763E3	EXETTE SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	650	0.43
1	763F3	EXETTE SILTY CLAY LOAM, 18 TO 25 PERCENT SLOPES, SEVERELY ERODED	410	0.43
1	771C2	WAUBEEK SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	650	0.71
1	771D2	WAUBEEK SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	380	0.71
1	916C2	DOWNS SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	3850	0.71
1	917C	FAYETTE SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES	730	0.62
1	917C2	FAYETTE SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1130	0.62
1	917D2	FAYETTE SILT LOAM, SANDY SUBSTRATUM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	510	0.62
1	920C	TAMA SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES	800	0.82
1	920C2	TAMA SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1230	0.82
1	920C3	TAMA SILTY CLAY LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	480	0.82
2	175C	DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	550	0.91
2	249B	ZWINGLE SILT LOAM, 2 TO 9 PERCENT SLOPES	90	0.32
2	41D	SPARTA LOAMY FINE SAND, 5 TO 14 PERCENT SLOPES	2080	1.35
2	450B	PILLOT SILT LOAM, 2 TO 5 PERCENT SLOPES	1070	0.57
2	450C2	PILLOT SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	470	0.57
2	467B	RADFORD SILT LOAM, 2 TO 5 PERCENT SLOPES	3520	0.82
2	51B	VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	1320	0.71
2	566C	MOINGONA LOAM, 5 TO 9 PERCENT SLOPES	600	0.82
2	63C	CHELSEA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	910	1.35
2	916B	DOWNS SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	8260	0.71
2	916B2	DOWNS SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	760	0.71
2	916C	DOWNS SILT LOAM, SANDY SUBSTRATUM, 5 TO 9 PERCENT SLOPES	500	0.71
2	917B	FAYETTE SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	1840	0.62
3	1043	BREMER SILTY CLAY LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	1240	0.82
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	7560	0.82
3	119	MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	7780	0.82
3	120B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES	4980	0.71
3	120B2	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	3040	0.71
3	121Z	KENNEBEC SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	1060	0.71
3	12Z	SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	850	0.82
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1880	0.82
3	133B	COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	4130	0.82
3	135B	COLAND CLAY LOAM, 2 TO 5 PERCENT SLOPES	1510	0.82
3	136	ANKENY SANDY LOAM, 0 TO 3 PERCENT SLOPES	1130	1.14
3	139	PERKS LOAMY SAND, 0 TO 3 PERCENT SLOPES	1010	1.52
3	141	WATSEKA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	820	1.35
3	1490	CANEEK SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	570	0.62
3	152	MARSHAN CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	580	0.65
3	1520	COPPOCK SILT LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	3290	0.71
3	160	WALFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	14315	0.71
3	162B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	7860	0.71
3	163B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	5220	0.62
3	164	TRAER SILT LOAM, 0 TO 2 PERCENT SLOPES	660	0.62
3	165	STRONGHURST SILT LOAM, 0 TO 3 PERCENT SLOPES	1060	0.62
3	173	HOOPESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES	1670	0.91
3	174	BOLAN LOAM, 0 TO 2 PERCENT SLOPES	4420	0.65

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Erosion Category	SMS	Soil Name	Acres	Min LS
3	174B	BOLAN LOAM, 2 TO 5 PERCENT SLOPES	550	0.65
3	175	DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	2510	0.91
3	175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	710	0.91
3	1926	CANOE SILT LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	820	0.82
3	212	KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	440	0.71
3	2226	ELRIN LOAM, 0 TO 2 PERCENT SLOPES	1840	0.65
3	2490	CANEEK VARIANT LOAMY SAND, 1 TO 3 PERCENT SLOPES	690	0.62
3	2587	DOLBEE SILT LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	3750	0.82
3	2636	RADFORD-HANLON SILT LOAMS, CHANNELED, 0 TO 2 PERCENT SLOPES	1520	0.82
3	291	ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	13055	0.71
3	291B	ATTERBERRY SILT LOAM, 2 TO 5 PERCENT SLOPES	4000	0.71
3	3133	COLO SILTY CLAY LOAM, RARELY FLOODED, 0 TO 2 PERCENT SLOPES	4270	0.82
3	3134	ZOOK SILTY CLAY, 0 TO 2 PERCENT SLOPES	2210	0.82
3	3135	COLAND CLAY LOAM, RARELY FLOODED, 0 TO 2 PERCENT SLOPES	4000	0.82
3	315	AQUOLLS, 0 TO 2 PERCENT SLOPES	5620	0.62
3	352B	WHITTIER SILT LOAM, 2 TO 5 PERCENT SLOPES	900	0.57
3	3960	SHAFFTON LOAM, RARELY FLOODED, 0 TO 2 PERCENT SLOPES	1170	0.95
3	3961	AMBRAW LOAM, RARELY FLOODED, 0 TO 2 PERCENT SLOPES	3180	0.62
3	41	SPARTA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	5630	1.35
3	41B	SPARTA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	2850	1.35
3	467	RADFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	530	0.82
3	485	SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	480	0.82
3	485B	SPILLVILLE LOAM, 2 TO 5 PERCENT SLOPES	230	0.82
3	490	CANEEK SILT LOAM, 0 TO 2 PERCENT SLOPES	500	0.62
3	539	PERKS SANDY LOAM, 0 TO 2 PERCENT SLOPES	1790	1.52
3	566B	MOINGONA LOAM, 2 TO 5 PERCENT SLOPES	1070	0.82
3	6Z3C2	ROZETTA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	810	0.62
3	63B	CHELSEA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	1050	1.35
3	653	TUSKEEGO SILT LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	3040	0.43
3	684	ELRICK SANDY LOAM, 0 TO 2 PERCENT SLOPES	2890	1.14
3	727	UDOLPHO LOAM, 32 TO 40 INCHES TO SAND, 0 TO 2 PERCENT SLOPES	2150	0.62
3	759	FRUITFIELD COARSE SAND, 0 TO 2 PERCENT SLOPES	5750	1.35
3	759B	FRUITFIELD COARSE SAND, 2 TO 5 PERCENT SLOPES	270	1.35
3	793	BERTRAND SILT LOAM, 0 TO 3 PERCENT SLOPES	580	0.62
3	826	ROWLEY SILT LOAM, 0 TO 2 PERCENT SLOPES	3390	0.71
3	920B	TAMA SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	6920	0.82
3	920B2	TAMA SILT LOAM, SANDY SUBSTRATUM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	1930	0.82
3	925	TOOLESBORO SANDY LOAM, 0 TO 2 PERCENT SLOPES	1660	0.82
3	930	ORION SILT LOAM, 0 TO 3 PERCENT SLOPES	960	0.62
3	960	SHAFFTON SILT LOAM, 0 TO 2 PERCENT SLOPES	620	0.95
3	961	AMBRAW SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3350	0.82
3	963	ELVERS SILT LOAM, 0 TO 1 PERCENT SLOPES	210	0.62
3	977	RICHWOOD SILT LOAM, 0 TO 2 PERCENT SLOPES	2030	0.82
3	977B2	RICHWOOD SILT LOAM, 1 TO 4 PERCENT SLOPES, MODERATELY ERODED	440	0.82

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Subtotal of Acres by Erosion Category

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Erosion Category	SMS	Soil Name	Acres	Min LS

Erosion Category	Total Acres
1	73,570
2	21,970
3	179,000