Mar 19 16:14 1987 Cass County Erodible Land List (Water Erosion) Atlantic Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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

Erosion Category	SMS	Soil Name	Acres	Min LS
1	AdC2	ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1806	0.43
1	AdD	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES	852	0.43
1	AdD2	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	11445	0.43
1	AdE2	ADAIR CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	594	0.43
1	ArC3	ADAIR SOILS, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	255	0.29
1	AsD3	ADAIR AND SHELBY SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	4385	0.29
1	AsE3	ADAIR AND SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	2612	0.29
1	CdC	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	317	0.37
1	CdC2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	899	0.37
1	CdD	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	135	0.37
1	CdD2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1419	0.37
1	CeD3	CLARINDA SOILS, 5 TO 18 PERCENT SLOPES, SEVERELY ERODED	596	0.25
1	GaD	GARA LOAM, 9 TO 14 PERCENT SLOPES	226	0.82
1	GaD2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	279	0.82
1	GaE	GARA LOAM, 14 TO 18 PERCENT SLOPES	343	0.82
1	GaE2	GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	681	0.82
1	GaF2	GARA LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	182	0.82
1	GrE3	GARA SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	193	0.57
1	HaD2	HAGENER SOILS, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	422	1.35
1	JdC	JUDSON SILT LOAM, 5 TO 9 PERCENT SLOPES	473	0.82
1	LaC	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	631	0.71
1	LaC2	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1683	0.71
1	LaD	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES	509	0.71
1	LaD2	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2343	0.71
1	LaE	LADOGA SILT LOAM, 14 TO 18 PERCENT SLOPES	332	0.71
1	LaE2	LADOGA SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	839	0.71
1	LdD3	LADOGA SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	415	0.49
1	LdE3	LADOGA SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	281	0.49
1	MhC	MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	6536	0.71
1	MhC2	MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	21486	0.71
1	MhC3	MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	949	0.57
1	MhD	MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	3816	0.71
1	MhD2	MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	39666	0.71
1	MhD3	MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	3163	0.49
1	MhE2	MARSHALL SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	2947	0.71
1	MhE3	MARSHALL SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	1037	0.49
1	MmC2	MARSHALL SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	928	0.71
1	Sa	SANDSTONE ROCK LAND, 9 TO 14 PERCENT SLOPES	89	1.08
1	SbC	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	3231	0.71
1	SbC2	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	17298	0.71
1	SbD	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	1408	0.71
1	SbD2	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	13226	0.71
1	SbD3	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	691	0.49
1	SbE2	SHARPSBURG SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	566	0.71
1	SbE3	SHARPSBURG SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	452	0.49
1	ShC2	SHELBY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	462	0.82
1	ShD	SHELBY LOAM, 9 TO 14 PERCENT SLOPES	795	0.82
1	ShD2	SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	4260	0.82

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1	ShE	SHELBY LOAM, 14 TO 18 PERCENT SLOPES	1278	0.82
1	ShE2	SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4024	0.82
1	ShF2	SHELBY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	759	0.82
1	SsD3	SHELBY SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	1242	0.65
1	SsE3	SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	1533	0.57
1	SsF3	SHELBY SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	628	0.57
1	SyC2	SHELBY-ADAIR COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	283	0.43
1	SyD	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES	769	0.43
1	SyD2	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	9947	0.43
1	SyE2	SHELBY-ADAIR COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4888	0.43
1	SyF2	SHELBY-ADAIR COMPLEX, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	375	0.43
1	SyF3	SHELBY-ADAIR COMPLEX, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	504	0.29
3	Au	ALLUVIAL LAND	530	0.62
3	Ay	ANKENY FINE SANDY LOAM	119	1.14
3	Br	BREMER SILTY CLAY LOAM	1154	0.82
3	Ca	CALCO SILTY CLAY LOAM	94	0.82
3	Cg	COLO SILTY CLAY LOAM	2662	0.82
3	Ch	COLO SILT LOAM, OVERWASH	3018	0.82
3	Cn	COLO-NODAWAY COMPLEX	1938	0.62
3	CoA	CORLEY SILT LOAM, 0 TO 2 PERCENT SLOPES	135	0.82
3	Hu	HUMESTON SILT LOAM	159	0.57
3	JdA	JUDSON SILT LOAM, 0 TO 2 PERCENT SLOPES	3392	0.82
3	JdB	JUDSON SILT LOAM, 2 TO 5 PERCENT SLOPES	13422	0.82
3	JoB	JUDSON-COLO COMPLEX, 0 TO 5 PERCENT SLOPES	58848	0.71
3	Ke	KENNEBEC SILT LOAM	2400	0.71
3	LaB	LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	987	0.71
3	LbB	LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES — Marsh	343	0.71
3	MhA	MARSHALL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	2553	0.71
3	MhB	MARSHALL SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	28434	0.71
3	MmA	MARSHALL SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	3247	0.71
3	MmB	MARSHALL SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	2704	0.71
3	Mn	MINDEN SILTY CLAY LOAM, BENCHES	1132	0.82
3	Ne	NEVIN SILTY CLAY LOAM	2390	0.71
3	No	NODAWAY SILT LOAM	10230	0.62
3	Nw	NODAWAY SILT LOAM, CHANNELED	2463	0.62
3	OmB	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	540	0.82
3	SbA	SHARPSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1751	0.71
3	SbB	SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	13510	0.71
3	Wa	WABASH SILTY CLAY	2423	0.82
3	Wb	WABASH SILTY CLAY LOAM	1262	0.82
3	ZO	ZOOK SILTY CLAY LOAM	5512	0.82

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Subtotal of Acres by Erosion Category

Erosion Category	Total Acres

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Erosion Category	SMS	Soil Name	Acres	Min LS
1	184,383			
3	167,352			