Mar 19 16:26 1987 Jasper County Erodible Land List (Water Erosion) Newton Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

Erosion Categories 1 = Highly Erodible Land
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Erosion Category	SMS	Soil Name	Acres	Min LS
1	120C2	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	26605	0.71
1	120D2	TAMA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	18550	0.71
1	138C2	CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	5180	0.82
1	138D2	CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2355	0.82
1	138E2	CLARION LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	370	0.82
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	11370	0.71
1	162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	19615	0.71
1	162E2	DOWNS SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4410	0.71
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1885	0.62
1	163D2	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	3175	0.62
1	163D3	FAYETTE SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	370	0.43
1	163E2	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4295	0.62
1	163F2	FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	445	0.62
1	168E2	HAYDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	625	0.71
1	168F	HAYDEN LOAM, 18 TO 25 PERCENT SLOPES	695	0.71
1	168G	HAYDEN LOAM, 25 TO 40 PERCENT SLOPES	570	0.71
1	175D	DICKINSON FINE SANDY LOAM, 9 TO 14 PERCENT SLOPES	240	0.91
1	179D2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2835	0.82
1	179E2	GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	6170	0.82
1	179F2	GARA LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	2450	0.82
1	179G	GARA LOAM, 25 TO 40 PERCENT SLOPES	440	0.82
1	185E2	BAUER SILT LOAM, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	450	0.37
1	185F2	BAUER SILT LOAM, 18 TO 40 PERCENT SLOPES, MODERATELY ERODED	730	0.37
1	192D2	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1885	0.43
1	20C2	KILLDUFF SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	14255	0.71
1	20D2	KILLDUFF SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	12590	0.71
1	20E2	KILLDUFF SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	870	0.71
1	222C2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	665	0.37
1	222D2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	520	0.37
1	236C2	LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	970	0.82
1	236D2	LESTER LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	455	0.82
1	24D2	SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2930	0.82
1	24E2	SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	7065	0.82
1	24F2	SHELBY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	1985	0.82
1	273C	OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	425	0.82
1	281C2	OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	12245	0.71
1	281D2	OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	5650	0.71
1	293G	CHELSEA-FAYETTE COMPLEX, 25 TO 40 PERCENT SLOPES	530	0.62
1	41D2	SPARTA LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	1615	1.35
1	570C2	NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1415	0.71
1	570D2	NIRA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2830	0.71
1	620C2	PORT BYRON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	820	0.71
1	620D2	PORT BYRON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2085	0.71
1	620E2	PORT BYRON SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1515	0.71
1	620F2	PORT BYRON SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	530	0.71
1	62D	STORDEN LOAM, 5 TO 14 PERCENT SLOPES	550	0.82
1	62E	STORDEN LOAM, 14 TO 18 PERCENT SLOPES	345	0.82
1	62F	STORDEN LOAM, 18 TO 25 PERCENT SLOPES	195	0.82

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1	63D	CHELSEA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	550	1.35
1	63E	CHELSEA LOAMY FINE SAND, 14 TO 25 PERCENT SLOPES	540	1.35
1	65E	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	5650	0.71
1	65E3	LINDLEY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	2030	0.57
1	65F	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	2740	0.71
1	65G	LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	1425	0.71
1	742C	MARTINSBURG SILT LOAM, 5 TO 9 PERCENT SLOPES	240	0.62
1	76C2	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2385	0.71
1	76D2	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	3425	0.71
1	792D2	ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1985	0.43
1	80C2	CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	585	0.62
1	80D2	CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1155	0.62
1	80D3	CLINTON SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	255	0.49
1	80E2	CLINTON SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	805	0.62
1	822D2	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPE, MODERATELY ERODED	3495	0.43
1	822E2	LAMONI SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1415	0.43
1	8C	JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	685	0.82
1	93D2	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	6595	0.43
1	93E2	SHELBY-ADAIR COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4710	0.43
1	94D2	CALEB AND MYSTIC SOILS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	415	0.37
1	94E2	CALEB AND MYSTIC SOILS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	250	0.37
1	993D2	GARA-ARMSTRONG LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1615	0.43
1	993E2	GARA-ARMSTRONG LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	8950	0.43
1	993E3	GARA-ARMSTRONG COMPLEX, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	470	0.29
1	T120C	TAMA SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	470	0.71
1	T162C	DOWNS SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	210	0.71
2	175C	DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	555	0.91
2	41C2	SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	790	1.35
2	63C	CHELSEA LOAMY FINE SAND, 4 TO 9 PERCENT SLOPES	805	1.35
3	107	WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	860	0.95
3	117	GARWIN-SPERRY COMPLEX, 0 TO 2 PERCENT SLOPES	710	0.82
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1615	0.82
3	119	MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	14100	0.82
3	120	TAMA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	385	0.71
3	120B	TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	36590	0.71
3	122	SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	375	0.82
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	9090	0.82
3	133+	COLO SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	3295	0.82
3	135	COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	1415	0.82
3	135B	COLAND CLAY LOAM, 2 TO 5 PERCENT SLOPES	945	0.82
3	138B	CLARION LOAM, 2 TO 5 PERCENT SLOPES	7435	0.82
3	162	DOWNS SILT LOAM, 0 TO 2 PERCENT SLOPES	240	0.71
3	162B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	5180	0.71
3	163B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	495	0.62
3	172	WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1885	0.82
3	174	BOLAN LOAM, 0 TO 2 PERCENT SLOPES	310	0.65
3	175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	535	0.91
3	212	KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	1415	0.71

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3	220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	13150	0.62
3	225	LAWLER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	580	0.65
3	226	LAWLER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	3295	0.65
3	236B	LESTER LOAM, 2 TO 5 PERCENT SLOPES	665	0.82
3	273B	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	1415	0.82
3	279	TAINTOR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1415	0.82
3	27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	990	0.95
3	280	MAHASKA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	6595	0.71
3	281B	OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	12720	0.71
3	284B	FLAGLER SANDY LOAM, 1 TO 4 PERCENT SLOPES	690	0.91
3	291	ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	600	0.71
3	315	ALLUVIAL LAND-NODAWAY COMPLEX, 0 TO 2 PERCENT SLOPES	3295	0.62
3	41B	SPARTA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	1460	1.35
3	428B	ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	3295	0.71
3	43	BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	975	0.82
3	430	ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	10270	0.62
3	453	TUSKEEGO SILT LOAM, 0 TO 1 PERCENT SLOPES	845	0.43
3	507	CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	400	0.71
3	54	ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	12245	0.82
3	55	NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	1885	0.95
3	570B2	NIRA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	290	0.71
3	5B	ACKMORE-COLO COMPLEX, 2 TO 5 PERCENT SLOPES	28160	0.62
3	7	WIOTA SILT LOAM, 0 TO 2 PERCENT SLOPES	2455	0.71
3	742B	MARTINSBURG SILT LOAM, 2 TO 5 PERCENT SLOPES	600	0.62
3	76B	LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	760	0.71
3	8	JUDSON SILT LOAM, 0 TO 2 PERCENT SLOPES	895	0.82
3	88	NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5180	0.71
3	8B	JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	5455	0.82
3	C315	ALLUVIAL LAND, CHANNELED	9420	0.82
3	C5B	ACKMORE-COLO COMPLEX, 2 TO 5 PERCENT SLOPES, CHANNELED	4640	0.62
3	T120B	TAMA SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	885	0.71
3	T162B	DOWNS SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	330	0.71

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	241,820
2	2,150
3	222,730