Mar 19 16:30 1987 Mahaska County Erodible Land List (Water Erosion) Oskaloosa 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
				Page 1
1	131C2	PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1660	0.37
1	132C2	WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	500	0.32
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	720	0.62
1	163D2	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1260	0.62
1	163E2	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	890	0.62
1	179D2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2470	0.82
1	179E2	GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	2560	0.82
1	179F2	GARA LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	780	0.82
1	210G	BOONE FINE SANDY LOAM, 18 TO 40 PERCENT SLOPES	1910	1.22
1	222C	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	720	0.37
1	222C2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1470	0.37
1	222D2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1330	0.37
1	24D2	SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	630	0.82
1	24E2	SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	260	0.82
1	273C	OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	280	0.82
1	281C	OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	7120	0.71
1	281C2	OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	13470	0.71
1	281D	OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	1240	0.71
1	281D2	OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1440	0.71
1	293C2	CHELSEA-CLINTON COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	210	0.62
1	293D2	CHELSEA-CLINTON COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	320	0.62
1	293E2	CHELSEA-CLINTON COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	310	0.62
1	313D	GOSPORT SILT LOAM, 9 TO 14 PERCENT SLOPES	3020	0.32
1	313E	GOSPORT SILT LOAM, 14 TO 18 PERCENT SLOPES	2290	0.32
1	313F	GOSPORT SILT LOAM, 18 TO 25 PERCENT SLOPES	1630	0.32
1	364C2	GRUNDY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	720	0.37
1	412G	SOGN SILT LOAM, 18 TO 40 PERCENT SLOPES	650	0.14
1	424D2	LINDLEY-KESWICK COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1840	0.37
1	424E2	LINDLEY-KESWICK COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	5360	0.37
1	442C2	SPARTA-OTLEY COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	430	0.57
1	442D2	SPARTA-OTLEY COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	340	0.57
1	451D2	CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	290	0.82
1	451E2	CALEB LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1810	0.82
1	451F2	CALEB LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	500	0.82
1	570C	NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	4470	0.71
1	570C2	NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	4780	0.71
1	571C	HEDRICK SILT LOAM, 5 TO 9 PERCENT SLOPES	1230	0.71
1	571C2	HEDRICK SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	3920	0.71
1	571D2	HEDRICK SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	3480	0.71
1	571E2	HEDRICK SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	450	0.71
1	63D2	CHELSEA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	370	1.35
1	63E2	CHELSEA LOAMY FINE SAND, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	310	1.35
1	63F2	CHELSEA LOAMY FINE SAND, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	320	1.35
1	65D2	LINDLEY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	360	0.71
1	65E2	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	2900	0.71
1	65F2	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	3370	0.71
1	663D2	SEATON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	360	0.62
1	663E2	SEATON SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	720	0.62

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1	663F2	SEATON SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	870	0.62
1	69C	CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	1010	0.82
1	69C2	CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	800	0.82
1	76C	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	4990	0.71
1	76C2	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	15880	0.71
1	76D	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES	780	0.71
1	76D2	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	9810	0.71
1	792D2	ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1200	0.43
1	80C	CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES	1240	0.62
1	80C2	CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	13120	0.62
1	80D2	CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	14940	0.62
1	80D3	CLINTON SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	720	0.49
1	80E2	CLINTON SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4720	0.62
1	822C2	LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	840	0.43
1	822D2	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	3360	0.43
1	8C	JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	450	0.82
1	993D2	GARA-ARMSTRONG LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	720	0.43
1	993E2	GARA-ARMSTRONG LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	750	0.43
1	T281C	OTLEY SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	320	0.71
1	T76C2	LADOGA SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1160	0.71
2	131B	PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	1050	0.37
2	364B	GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	980	0.37
2	41C	SPARTA LOAMY FINE SAND, 4 TO 9 PERCENT SLOPES	250	1.35
2	63C	CHELSEA LOAMY FINE SAND, 4 TO 9 PERCENT SLOPES	400	1.35
3	11B	COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	16760	0.71
3	122	SPERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	270	0.82
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5400	0.82
3	133+	COLO SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	2370	0.82
3	133B	COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	670	0.82
3	13B	NODAWAY-VESSER SILT LOAMS, 2 TO 5 PERCENT SLOPES	4490	0.71
3	163B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	600	0.62
3	208	LANDES FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	680	1.14
3	212	KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	2010	0.71
3	220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	9690	0.62
3	248	ZOOK SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	430	0.82
3	269	HUMESTON SILT LOAM, 0 TO 2 PERCENT SLOPES	430	0.57
3	270	SPILLVILLE LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	490	0.95
3	273B	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	460	0.82
3	279	TAINTOR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	25220	0.82
3	280	MAHASKA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	23860	0.71
3	280B	MAHASKA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	13030	0.71
3	281B	OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	23490	0.71
3	284	FLAGLER FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	550	0.91
3	315	NODAWAY-ALLUVIAL LAND COMPLEX, 0 TO 2 PERCENT SLOPES	2620	0.62
3	362	HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES	710	0.62
3	422	AMANA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1620	0.62
3	428B	ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	810	0.71
3	43	BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1710	0.82

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3	453	TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES	880	0.43
3	467	RADFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	3650	0.62
3	485	SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	600	0.82
3	489	OSSIAN SILT LOAM, 0 TO 2 PERCENT SLOPES	1610	0.82
3	51	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	1000	0.71
3	51B	VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	1020	0.71
3	54	ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	6800	0.82
3	54+	ZOOK SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	2010	0.82
3	54B	ZOOK SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	1880	0.82
3	570B	NIRA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	3860	0.71
3	571B	HEDRICK SILT LOAM, 2 TO 5 PERCENT SLOPES	720	0.71
3	687	WATKINS SILT LOAM, 0 TO 2 PERCENT SLOPES	240	0.71
3	687B	WATKINS SILT LOAM, 2 TO 5 PERCENT SLOPES	350	0.71
3	7	WIOTA SILT LOAM, 0 TO 2 PERCENT SLOPES	720	0.71
3	74	RUBIO SILT LOAM, 0 TO 2 PERCENT SLOPES	520	0.62
3	75	GIVIN SILT LOAM, 1 TO 3 PERCENT SLOPES	2130	0.71
3	76B	LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	12890	0.71
3	80B	CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	4260	0.62
3	88	NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	650	0.71
3	8B	JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	1440	0.82
3	98	HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	590	0.82
3	C220	NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	1130	0.62
3	C422	AMANA COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	1510	0.62
3	T162B	DOWNS SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	330	0.71
3	T279	TAINTOR SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	340	0.82
3	T280	MAHASKA SILTY CLAY LOAM, BENCHES, 1 TO 3 PERCENT SLOPES	700	0.71
3	T281B	OTLEY SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	860	0.71
3	T75	GIVIN SILT LOAM, BENCHES, 1 TO 3 PERCENT SLOPES	1060	0.71
3	T76B	LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	1520	0.71

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	165,150
2	2,680
3	193,640