Mar 19 16:13 1987 Butler County Erodible Land List (Water Erosion) Allison Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 150

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

4/25/94
Changed made by Fort Dodge Area office TO 3 PHE SMU's Per Jeff Vonkey STC, January 4, 1994 memo. Supporting data attached. Ronald C. Wallen AC

Erosion Category	SMS	Soil Name	Acres	Min LS
				Page 1
1	109C	BACKBONE FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	200	0.89
1	162C	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES	250	0.83
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2015	0.83
1	171C2	BASSETT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1995	0.95
1	171D2	BASSETT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	755	0.95
1	171F	BASSETT LOAM, 14 TO 25 PERCENT SLOPES	150	0.95
1	177C	SAUDE LOAM, 5 TO 9 PERCENT SLOPES	425	0.76
1	214C	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 5 TO 9 PERCENT SLOPES	465	0.57
1	214C2	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 5 TO 9 PERCENT SLOPES, MODERATELY ER	740	0.57
1	241C2	SAUDE-BURKHARDT COMPLEX, 2 TO 9 PERCENT SLOPES, MODERATELY ERODED	1520	0.38
1	241E2	SAUDE-BURKHARDT COMPLEX, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	280	0.38
1	285C	BURKHARDT SANDY LOAM, 2 TO 9 PERCENT SLOPES	585	0.80
1	377C2	DINSDALE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1035	0.83
1	394C	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES	430	0.95
1	394C2	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1850	0.95
1	408C	OLIN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	1310	1.33
1	412C	SOGN LOAM, 2 TO 9 PERCENT SLOPES	930	0.17
1	412F	SOGN LOAM, 9 TO 30 PERCENT SLOPES	385	0.17
1	41D	SPARTA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	430	1.57
1	662D	MT. CARROLL SILT LOAM, 9 TO 14 PERCENT SLOPES	250	0.83
1	662D3	MT. CARROLL SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	1850	0.58
1	662F	MT. CARROLL SILT LOAM, 14 TO 25 PERCENT SLOPES	560	0.83
1	662F3	MT. CARROLL SILT LOAM, 14 TO 25 PERCENT SLOPES, SEVERELY ERODED	305	0.58
1	781C2	LOURDES LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	230	0.43
1	782C2	DONNAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	210	0.76
1	783C	CRESCO LOAM, 5 TO 9 PERCENT SLOPES	485	0.76
1	783C2	CRESCO LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	3025	0.76
1	83C	KENYON LOAM, 5 TO 9 PERCENT SLOPES	1175	0.95
1	83C2	KENYON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	15795	0.95
1	83D2	KENYON LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	830	0.95
2	110C	LAMONT FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	300	1.11
~~1~~ 3	171B	BASSETT LOAM, 2 TO 5 PERCENT SLOPES	4195	0.95
2	174C2	BOLAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	610	0.76
2	175C	DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	2020	1.07
2	213B	ROCKTON LOAM, 30 TO 40 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	1775	0.76
2	214B	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	1205	0.57
2	284C	FLAGLER SANDY LOAM, 5 TO 9 PERCENT SLOPES	410	1.07
~~1~~ 3	394B	OSTRANDER LOAM, 2 TO 5 PERCENT SLOPES	9265	0.95
2	41C	SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	1780	1.57
2	63C	CHELSEA LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	380	1.57
2	713B	WINNESHIEK LOAM, 30 TO 40 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	280	0.76
2	714B	WINNESHIEK LOAM, 20 TO 30 INCHES TO LIMESTONE 2 TO 5 PERCENT SLOPES	290	0.76
2	781B	LOURDES LOAM, 2 TO 5 PERCENT SLOPES	825	0.43
2	782B	DONNAN LOAM, 2 TO 5 PERCENT SLOPES	1825	0.76
~~1~~ 3	783B	CRESCO LOAM, 2 TO 5 PERCENT SLOPES	4900	0.76
2	784B	RICEVILLE LOAM, 1 TO 4 PERCENT SLOPES	520	0.67
3 ~~1~~ ~~1~~	83B	KENYON LOAM, 2 TO 5 PERCENT SLOPES	34190	0.95
3	110B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	565	1.11

* memo filed in Conds Section S.O. 5/2/94

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Erosion Category	SMS	Soil Name	Acres	Min LS
				Page 2
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3145	0.95
3	119	MUSCATINE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	1745	0.95
3	11B	COLO-ELY COMPLEX, 2 TO 5 PERCENT SLOPES	3450	0.83
3	120	TAMA SILT LOAM, 0 TO 2 PERCENT SLOPES	295	0.83
3	120B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES	1350	0.83
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	2640	0.95
3	135	COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	16395	0.95
3	150B	HANSKA LOAM, 1 TO 4 PERCENT SLOPES	1180	0.76
3	151	MARSHAN CLAY LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	4660	0.76
3	152	MARSHAN CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	13395	0.76
3	153	SHANDEP CLAY LOAM, 0 TO 1 PERCENT SLOPES	1540	1.11
3	1585	SPILLVILLE-COLAND COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	5730	0.95
3	171	BASSETT LOAM, 0 TO 2 PERCENT SLOPES	205	0.95
3	173	HOOPESTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	2680	1.07
3	173B	HOOPESTON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	2570	1.07
3	174	BOLAN LOAM, 0 TO 2 PERCENT SLOPES	625	0.76
3	174B	BOLAN LOAM, 2 TO 5 PERCENT SLOPES	2740	0.76
3	175	DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	800	1.07
3	175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	6505	1.07
3	177	SAUDE LOAM, 0 TO 2 PERCENT SLOPES	4730	0.76
3	177B	SAUDE LOAM, 2 TO 5 PERCENT SLOPES	2330	0.76
3	178	WAUKEE LOAM, 0 TO 2 PERCENT SLOPES	6220	0.89
3	178B	WAUKEE LOAM, 2 TO 5 PERCENT SLOPES	705	0.89
3	184	KLINGER SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	9435	0.83
3	198B	FLOYD LOAM, 1 TO 4 PERCENT SLOPES	31395	1.11
3	201B	COLAND-TERRIL COMPLEX, 1 TO 4 PERCENT SLOPES	735	0.95
3	213	ROCKTON LOAM, 30 TO 40 INCHES TO LIMESTONE, 0 TO 2 PERCENT SLOPES	550	0.76
3	225	LAWLER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	3580	0.76
3	226	LAWLER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	6650	0.76
3	27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	1670	1.11
3	284	FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	5285	1.07
3	284B	FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	1370	1.07
3	350	WAUKEGAN SILT LOAM, 0 TO 2 PERCENT SLOPES	795	0.67
3	377B	DINSDALE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	12890	0.83
3	382	MAXFIELD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	4150	1.11
3	391B	CLYDE-FLOYD COMPLEX, 1 TO 4 PERCENT SLOPES	16970	0.95
3	394	OSTRANDER LOAM, 0 TO 2 PERCENT SLOPES	1320	0.95
3	398	TRIPOLI SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5235	1.11
3	399	READLYN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	12145	1.11
3	404	THORP SILT LOAM, 0 TO 1 PERCENT SLOPES	270	0.58
3	407B	SCHLEY SILT LOAM, 1 TO 4 PERCENT SLOPES	505	0.83
3	408B	OLIN FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1610	1.33
3	41B	SPARTA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	4300	1.57
3	428B	ELY SILT LOAM, 2 TO 5 PERCENT SLOPES	635	0.83
3	43	BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1900	0.95
3	430	ACKMORE SILT LOAM, 1 TO 3 PERCENT SLOPES	305	0.72
3	457	DU PAGE LOAM, 0 TO 2 PERCENT SLOPES	1580	0.95
3	485	SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	6050	0.95

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3 = Not Highly Erodible Land

Erosion Category	SMS	Soil Name	Acres	Min LS
3	585	SPILLVILLE-COLAND COMPLEX, 0 TO 2 PERCENT SLOPES	1370	0.95
3	733	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	820	0.95
3	771B	WAUBEEK SILT LOAM, 2 TO 5 PERCENT SLOPES	365	0.83
3	777	WAPSIE LOAM, 0 TO 2 PERCENT SLOPES	225	0.76
3	777B	WAPSIE LOAM, 2 TO 5 PERCENT SLOPES	355	0.76
3	798B	PROTIVIN CLAY LOAM, 1 TO 4 PERCENT SLOPES	7705	0.95
3	84	CLYDE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	31250	0.95
3	88	NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1730	0.83
3	976	RADDLE SILT LOAM, 0 TO 2 PERCENT SLOPES	1975	0.83
3	976B	RADDLE SILT LOAM, 2 TO 5 PERCENT SLOPES	275	0.83
3	981B	WORTHEN SILT LOAM, 2 TO 5 PERCENT SLOPES	460	0.83

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	40,465
2	64,770
3	264,060

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Archived list return 5/2/94

Erosion Category	SMS	Soil Name	Acres	Min LS
1	109C	BACKBONE FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	200	0.89
1	162C	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES	250	0.83
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2015	0.83
1	171C2	BASSETT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1995	0.95
1	171D2	BASSETT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	755	0.95
1	171F	BASSETT LOAM, 14 TO 25 PERCENT SLOPES	150	0.95
1	177C	SAUDE LOAM, 5 TO 9 PERCENT SLOPES	425	0.76
1	214C	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 5 TO 9 PERCENT SLOPES	465	0.57
1	214C2	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 5 TO 9 PERCENT SLOPES, MODERATELY ER	740	0.57
1	241C2	SAUDE-BURKHARDT COMPLEX, 2 TO 9 PERCENT SLOPES, MODERATELY ERODED	1520	0.38
1	241E2	SAUDE-BURKHARDT COMPLEX, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	280	0.38
1	285C	BURKHARDT SANDY LOAM, 2 TO 9 PERCENT SLOPES	585	0.80
1	377C2	DINSDALE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1035	0.83
1	394C	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES	430	0.95
1	394C2	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1850	0.95
1	408C	OLIN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	1310	1.33
1	412C	SOGN LOAM, 2 TO 9 PERCENT SLOPES	930	0.17
1	412F	SOGN LOAM, 9 TO 30 PERCENT SLOPES	385	0.17
1	41D	SPARTA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	430	1.57
1	662D	MT. CARROLL SILT LOAM, 9 TO 14 PERCENT SLOPES	250	0.83
1	662D3	MT. CARROLL SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	1850	0.58
1	662F	MT. CARROLL SILT LOAM, 14 TO 25 PERCENT SLOPES	560	0.83
1	662F3	MT. CARROLL SILT LOAM, 14 TO 25 PERCENT SLOPES, SEVERELY ERODED	305	0.58
1	781C2	LOURDES LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	230	0.43
1	782C2	DONNAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	210	0.76
1	783C	CRESCO LOAM, 5 TO 9 PERCENT SLOPES	485	0.76
1	783C2	CRESCO LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	3025	0.76
1	83C	KENYON LOAM, 5 TO 9 PERCENT SLOPES	1175	0.95
1	83C2	KENYON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	15795	0.95
1	83D2	KENYON LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	830	0.95
2	110C	LAMONT FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	300	1.11
2	171B	BASSETT LOAM, 2 TO 5 PERCENT SLOPES	4195	0.95
2	174C2	BOLAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	610	0.76
2	175C	DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	2020	1.07
2	213B	ROCKTON LOAM, 30 TO 40 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	1775	0.76
2	214B	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	1205	0.57
2	284C	FLAGLER SANDY LOAM, 5 TO 9 PERCENT SLOPES	410	1.07
2	394B	OSTRANDER LOAM, 2 TO 5 PERCENT SLOPES	9265	0.95
2	41C	SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	1780	1.57
2	63C	CHELSEA LOAMY FINE SAND, 2 TO 9 PERCENT SLOPES	380	1.57
2	713B	WINNESHIEK LOAM, 30 TO 40 INCHES TO LIMESTONE, 2 TO 5 PERCENT SLOPES	280	0.76
2	714B	WINNESHIEK LOAM, 20 TO 30 INCHES TO LIMESTONE 2 TO 5 PERCENT SLOPES	290	0.76
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3	11B	COLO-ELY COMPLEX, 2 TO 5 PERCENT SLOPES	3450	0.83
3	120	TAMA SILT LOAM, 0 TO 2 PERCENT SLOPES	295	0.83
3	120B	TAMA SILT LOAM, 2 TO 5 PERCENT SLOPES	1350	0.83
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	2640	0.95
3	135	COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	16395	0.95
3	150B	HANSKA LOAM, 1 TO 4 PERCENT SLOPES	1180	0.76
3	151	MARSHAN CLAY LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	4660	0.76
3	152	MARSHAN CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	13395	0.76
3	153	SHANDEP CLAY LOAM, 0 TO 1 PERCENT SLOPES	1540	1.11
3	1585	SPILLVILLE-COLAND COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	5730	0.95
3	171	BASSETT LOAM, 0 TO 2 PERCENT SLOPES	205	0.95
3	173	HOOPESTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	2680	1.07
3	173B	HOOPESTON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	2570	1.07
3	174	BOLAN LOAM, 0 TO 2 PERCENT SLOPES	625	0.76
3	174B	BOLAN LOAM, 2 TO 5 PERCENT SLOPES	2740	0.76
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3	284B	FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	1370	1.07
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3	404	THORP SILT LOAM, 0 TO 1 PERCENT SLOPES	270	0.58
3	407B	SCHLEY SILT LOAM, 1 TO 4 PERCENT SLOPES	505	0.83
3	408B	OLIN FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1610	1.33
3	41B	SPARTA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	4300	1.57
3	428B	ELY SILT LOAM, 2 TO 5 PERCENT SLOPES	635	0.83
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3	777B	WAPSIE LOAM, 2 TO 5 PERCENT SLOPES	355	0.76
3	798B	PROTIVIN CLAY LOAM, 1 TO 4 PERCENT SLOPES	7705	0.95
3	84	CLYDE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	31250	0.95
3	88	NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1730	0.83
3	976	RADDLE SILT LOAM, 0 TO 2 PERCENT SLOPES	1975	0.83
3	976B	RADDLE SILT LOAM, 2 TO 5 PERCENT SLOPES	275	0.83
3	981B	WORTHEN SILT LOAM, 2 TO 5 PERCENT SLOPES	460	0.83

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	40,465
2	64,770
3	264,060