Mar 19 16:32 1987 Mitchell County Erodible Land List (Water Erosion) Osage 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
Changes to list made by Fort Dodge Area Office per Jeff Vonk, STC, memo dated March 30, 1994. PHE Soils only.
Ronald C. Willman
AC

Erosion Category	SMS	Soil Name	Acres	Min LS
				Page 1
1	120C2	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	495	0.83
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	410	0.83
1	162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	225	0.83
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	315	0.72
1	171C	BASSETT LOAM, 5 TO 9 PERCENT SLOPES	470	0.95
1	171C2	BASSETT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	335	0.95
1	183C	DUBUQUE SILT LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	195	0.58
1	205C	WHALAN LOAM, DEEP, 5 TO 9 PERCENT SLOPES	425	0.67
1	214C	ROCKTON LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	725	0.57
1	285C	BURKHARDT SANDY LOAM, 3 TO 9 PERCENT SLOPES	360	0.80
1	412B	SOGN LOAM, 2 TO 5 PERCENT SLOPES	160	0.17
1	412D	SOGN LOAM, 5 TO 14 PERCENT SLOPES	645	0.17
1	412G	SOGN LOAM, 14 TO 40 PERCENT SLOPES	1135	0.17
1	482C	RACINE SILT LOAM, 5 TO 9 PERCENT SLOPES	700	0.83
1	714C	WINNESHIEK LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	1430	0.76
1	714D	WINNESHIEK LOAM, MODERATELY DEEP, 9 TO 14 PERCENT SLOPES	245	0.76
1	776C	LILAH SANDY LOAM, 3 TO 9 PERCENT SLOPES	805	0.53
1	777C	WAPSIE LOAM, 5 TO 9 PERCENT SLOPES	640	0.76
1	781C	LOURDES LOAM, 5 TO 9 PERCENT SLOPES	530	0.43
1	781C2	LOURDES LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	445	0.43
1	783C	CRESCO LOAM, 5 TO 9 PERCENT SLOPES	370	0.76
1	83C	KENYON LOAM, 5 TO 9 PERCENT SLOPES	595	0.95
1	83C2	KENYON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	285	0.95
2	104B	ROCKTON SILT LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	775	0.67
2	110C	LAMONT FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	220	1.11
~~2~~ 3	171B	BASSETT LOAM, 2 TO 5 PERCENT SLOPES	5610	0.95
2	183B	DUBUQUE SILT LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	255	0.58
2	205B	WHALAN LOAM, DEEP, 2 TO 5 PERCENT SLOPES	575	0.67
~~2~~ 3	214B	ROCKTON LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	1515	0.57
2	265B	BIXBY LOAM, 2 TO 5 PERCENT SLOPES	405	0.67
2	302B	COGGON LOAM, 2 TO 5 PERCENT SLOPES	730	0.83
~~2~~ 3	394B	OSTRANDER LOAM, 2 TO 5 PERCENT SLOPES	3010	0.95
~~2~~ 3	482B	RACINE SILT LOAM, 2 TO 5 PERCENT SLOPES	3400	0.83
~~2~~ 3	714B	WINNESHIEK LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	1815	0.76
~~2~~ 3	781B	LOURDES LOAM, 2 TO 5 PERCENT SLOPES	1830	0.43
2	782B	DONNAN SILT LOAM, 2 TO 5 PERCENT SLOPES	880	0.76
~~2~~ 3	783B	CRESCO LOAM, 2 TO 5 PERCENT SLOPES	1520	0.76
~~2~~ 3	784B	RICEVILLE SILT LOAM, 1 TO 4 PERCENT SLOPES	2880	0.67
3 ~~2~~ ~~2~~	83B	KENYON LOAM, 2 TO 5 PERCENT SLOPES	5230	0.95
3	110	LAMONT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	600	1.11
3	110B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	710	1.11
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1040	0.95
3	119	MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1610	0.95
3	120	TAMA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	2130	0.83
3	120B	TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	3225	0.83
3	135	COLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1255	0.95
3	151	MARSHAN CLAY LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	710	0.76
3	152	MARSHAN CLAY LOAM, DEEP, 0 TO 2 PERCENT SLOPES	3465	0.76

Memo filed in Soil section
S.O.
5/2/94

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Erosion Categories 1 = Highly Erodible Land
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Erosion Category	SMS	Soil Name	Acres	Min LS
3	162B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	1570	0.83
3	163B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	200	0.72
3	171	BASSETT LOAM, 0 TO 2 PERCENT SLOPES	820	0.95
3	175	DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	465	1.07
3	175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1385	1.07
3	177	SAUDE LOAM, 0 TO 2 PERCENT SLOPES	1655	0.76
3	177B	SAUDE LOAM, 2 TO 5 PERCENT SLOPES	1375	0.76
3	178	WAUKEE SILT LOAM, 0 TO 2 PERCENT SLOPES	2705	0.89
3	178B	WAUKEE SILT LOAM, 2 TO 5 PERCENT SLOPES	530	0.89
3	184	KLINGER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	24436	0.83
3	188	KENSETT SILT LOAM, 0 TO 2 PERCENT SLOPES	335	0.57
3	198B	FLOYD LOAM, 1 TO 4 PERCENT SLOPES	10605	1.11
3	225	LAWLER LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	1035	0.76
3	226	LAWLER LOAM, DEEP, 0 TO 2 PERCENT SLOPES	2725	0.76
3	235	COLAND-TURLIN COMPLEX, 0 TO 2 PERCENT SLOPES	3000	0.95
3	265	BIXBY LOAM, 0 TO 2 PERCENT SLOPES	270	0.67
3	27	TERRIL LOAM, 0 TO 2 PERCENT SLOPES	500	1.11
3	27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	780	1.11
3	284	FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	110	1.07
3	284B	FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	400	1.07
3	285	BURKHARDT SANDY LOAM, 0 TO 3 PERCENT SLOPES	160	0.80
3	291	ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	615	0.83
3	303B	PINICON LOAM, 1 TO 4 PERCENT SLOPES	1580	0.72
3	377	DINSDALE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	16500	0.83
3	377B	DINSDALE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	10185	0.83
3	382	MAXFIELD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	20930	1.11
3	391B	CLYDE-FLOYD COMPLEX, 1 TO 4 PERCENT SLOPES	5030	0.95
3	394	OSTRANDER LOAM, 0 TO 2 PERCENT SLOPES	3580	0.95
3	398	TRIPOLI SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3310	1.11
3	399	READLYN LOAM, 0 TO 2 PERCENT SLOPES	2530	1.11
3	399B	READLYN LOAM, 2 TO 5 PERCENT SLOPES	2355	1.11
3	407B	SCHLEY SILT LOAM, 1 TO 4 PERCENT SLOPES	11670	0.83
3	471	ORAN LOAM, 0 TO 2 PERCENT SLOPES	7660	0.95
3	471B	ORAN LOAM, 2 TO 5 PERCENT SLOPES	3470	0.95
3	482	RACINE SILT LOAM, 0 TO 2 PERCENT SLOPES	1550	0.83
3	491B	RENOVA LOAM, 2 TO 5 PERCENT SLOPES	580	0.72
3	507	CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	330	0.83
3	536	HANLON SANDY LOAM, 0 TO 2 PERCENT SLOPES	345	1.33
3	575	DICKINSON-OSTRANDER COMPLEX, 0 TO 2 PERCENT SLOPES	515	0.76
3	575B	DICKINSON-OSTRANDER COMPLEX, 2 TO 5 PERCENT SLOPES	1690	0.76
3	610B	LAMONT-RENOVA COMPLEX, 2 TO 5 PERCENT SLOPES	385	0.72
3	714	WINNESHIEK LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	300	0.76
3	725	HAYFIELD LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	2040	0.83
3	726	HAYFIELD LOAM, DEEP, 0 TO 2 PERCENT SLOPES	805	0.83
3	733	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	290	0.95
3	760	ANSGAR SILT LOAM, 0 TO 2 PERCENT SLOPES	5405	0.83
3	761	FRANKLIN SILT LOAM, 1 TO 3 PERCENT SLOPES	12830	0.83
3	771	WAUBEEK SILT LOAM, 0 TO 2 PERCENT SLOPES	2110	0.83

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Erosion Category	SMS	Soil Name	Acres	Min LS
3	771B	WAUBEEK SILT LOAM, 2 TO 5 PERCENT SLOPES	4895	0.83
3	776	LILAH SANDY LOAM, 0 TO 3 PERCENT SLOPES	210	0.53
3	777	WAPSIE LOAM, 0 TO 2 PERCENT SLOPES	2780	0.76
3	777B	WAPSIE LOAM, 2 TO 5 PERCENT SLOPES	3370	0.76
3	778	SATTRE SILT LOAM, 0 TO 2 PERCENT SLOPES	380	0.76
3	782	DONNAN SILT LOAM, 0 TO 2 PERCENT SLOPES	1995	0.76
3	797	JAMESTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	350	0.95
3	798B	PROTIVIN LOAM, 1 TO 4 PERCENT SLOPES	4910	0.95
3	804	ASHDALE SILT LOAM, 0 TO 2 PERCENT SLOPES	3975	0.83
3	804B	ASHDALE SILT LOAM, 2 TO 5 PERCENT SLOPES	2280	0.83
3	805B	ROSEVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES	480	0.58
3	813	ATKINSON LOAM, 0 TO 2 PERCENT SLOPES	2350	0.76
3	813B	ATKINSON LOAM, 2 TO 5 PERCENT SLOPES	2220	0.76
3	83	KENYON LOAM, 0 TO 2 PERCENT SLOPES	1740	0.95
3	84	CLYDE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	21320	0.95
3	904	NASSET SILT LOAM, 0 TO 2 PERCENT SLOPES	200	0.67
3	904B	NASSET SILT LOAM, 2 TO 5 PERCENT SLOPES	835	0.67
3	913	WAUCOMA SILT LOAM, 0 TO 2 PERCENT SLOPES	1555	0.76
3	913B	WAUCOMA SILT LOAM, 2 TO 5 PERCENT SLOPES	2770	0.76
3	96	TURLIN SILT LOAM, 0 TO 2 PERCENT SLOPES	1260	1.11
3	98	HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	415	0.95
3	98B	HUNTSVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES	400	0.95
3	C235	COLAND-TURLIN COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	1480	0.95
3	C315	ALLUVIAL LAND, CHANNELED	4520	0.95

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	11,940
2	30,650
3	255,136

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Archived list retain, 5/2/94

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1	120C2	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	495	0.83
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	410	0.83
1	162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	225	0.83
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	315	0.72
1	171C	BASSETT LOAM, 5 TO 9 PERCENT SLOPES	470	0.95
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1	285C	BURKHARDT SANDY LOAM, 3 TO 9 PERCENT SLOPES	360	0.80
1	412B	SOGN LOAM, 2 TO 5 PERCENT SLOPES	160	0.17
1	412D	SOGN LOAM, 5 TO 14 PERCENT SLOPES	645	0.17
1	412G	SOGN LOAM, 14 TO 40 PERCENT SLOPES	1135	0.17
1	482C	RACINE SILT LOAM, 5 TO 9 PERCENT SLOPES	700	0.83
1	714C	WINNESHIEK LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	1430	0.76
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2	783B	CRESCO LOAM, 2 TO 5 PERCENT SLOPES	1520	0.76
2	784B	RICEVILLE SILT LOAM, 1 TO 4 PERCENT SLOPES	2880	0.67
~~3~~ 2	83B	KENYON LOAM, 2 TO 5 PERCENT SLOPES	5230	0.95
3	110	LAMONT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	600	1.11
3	110B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	710	1.11
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1040	0.95
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3	177B	SAUDE LOAM, 2 TO 5 PERCENT SLOPES	1375	0.76
3	178	WAUKEE SILT LOAM, 0 TO 2 PERCENT SLOPES	2705	0.89
3	178B	WAUKEE SILT LOAM, 2 TO 5 PERCENT SLOPES	530	0.89
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3	198B	FLOYD LOAM, 1 TO 4 PERCENT SLOPES	10605	1.11
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3	226	LAWLER LOAM, DEEP, 0 TO 2 PERCENT SLOPES	2725	0.76
3	235	COLAND-TURLIN COMPLEX, 0 TO 2 PERCENT SLOPES	3000	0.95
3	265	BIXBY LOAM, 0 TO 2 PERCENT SLOPES	270	0.67
3	27	TERRIL LOAM, 0 TO 2 PERCENT SLOPES	500	1.11
3	27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	780	1.11
3	284	FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	110	1.07
3	284B	FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	400	1.07
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3	733	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	290	0.95
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3	804B	ASHDALE SILT LOAM, 2 TO 5 PERCENT SLOPES	2280	0.83
3	805B	ROSEVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES	480	0.58
3	813	ATKINSON LOAM, 0 TO 2 PERCENT SLOPES	2350	0.76
3	813B	ATKINSON LOAM, 2 TO 5 PERCENT SLOPES	2220	0.76
3	83	KENYON LOAM, 0 TO 2 PERCENT SLOPES	1740	0.95
3	84	CLYDE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	21320	0.95
3	904	NASSET SILT LOAM, 0 TO 2 PERCENT SLOPES	200	0.67
3	904B	NASSET SILT LOAM, 2 TO 5 PERCENT SLOPES	835	0.67
3	913	WAUCOMA SILT LOAM, 0 TO 2 PERCENT SLOPES	1555	0.76
3	913B	WAUCOMA SILT LOAM, 2 TO 5 PERCENT SLOPES	2770	0.76
3	96	TURLIN SILT LOAM, 0 TO 2 PERCENT SLOPES	1260	1.11
3	98	HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	415	0.95
3	98B	HUNTSVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES	400	0.95
3	C235	COLAND-TURLIN COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	1480	0.95
3	C315	ALLUVIAL LAND, CHANNELED	4520	0.95

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	11,940
2	30,650
3	255,136