Mar 19 16:11 1987 Benton County Erodible Land List (Water Erosion) Vinton 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	109C	BACKBONE FINE SANDY LOAM, 4 TO 12 PERCENT SLOPES	395	0.76
1	120C	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	1765	0.71
1	120C2	TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2060	0.71
1	162C	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES	1425	0.71
1	162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2430	0.71
1	162D	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES	670	0.71
1	162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	755	0.71
1	163C	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES	6450	0.62
1	163C2	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	4960	0.62
1	163D	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES	5260	0.62
1	163D2	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	5470	0.62
1	163E	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES	4320	0.62
1	163E2	FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	5710	0.62
1	163F	FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES	5740	0.62
1	163F2	FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	3355	0.62
1	163G	FAYETTE SILT LOAM, 25 TO 40 PERCENT SLOPES	2230	0.62
1	171C	BASSETT LOAM, 5 TO 9 PERCENT SLOPES	580	0.82
1	171C2	BASSETT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1540	0.82
1	171D	BASSETT LOAM, 9 TO 14 PERCENT SLOPES	485	0.82
1	171D2	BASSETT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1590	0.82
1	177C	SAUDE LOAM, 5 TO 9 PERCENT SLOPES	635	0.65
1	214C	ROCKTON LOAM, 20 TO 30 INCHES TO LIMESTONE, 2 TO 9 PERCENT SLOPES	345	0.49
1	285C	BURKHARDT SANDY LOAM, 2 TO 9 PERCENT SLOPES	405	0.69
1	293C	CHELSEA-LAMONT-FAYETTE COMPLEX, 5 TO 9 PERCENT SLOPES	1970	0.62
1	293D	CHELSEA-LAMONT-FAYETTE COMPLEX, 9 TO 18 PERCENT SLOPES	4490	0.62
1	293F	CHELSEA-LAMONT-FAYETTE COMPLEX, 18 TO 30 PERCENT SLOPES	2115	0.62
1	302C	COGGON LOAM, 5 TO 9 PERCENT SLOPES	425	0.71
1	302C2	COGGON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	240	0.71
1	377C	DINSDALE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	28705	0.71
1	377C2	DINSDALE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	8265	0.71
1	408C	OLIN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	1200	1.14
1	412C	SOGN LOAM, 5 TO 9 PERCENT SLOPES	380	0.14
1	412D	SOGN LOAM, 9 TO 18 PERCENT SLOPES	515	0.14
1	412F	SOGN LOAM, 18 TO 40 PERCENT SLOPES	650	0.14
1	41D	SPARTA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	440	1.35
1	426C	AREDALE LOAM, 5 TO 9 PERCENT SLOPES	1450	0.82
1	63D	CHELSEA LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES	1870	1.35
1	63F	CHELSEA LOAMY FINE SAND, 18 TO 25 PERCENT SLOPES	365	1.35
1	65E2	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	800	0.71
1	65F	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	450	0.71
1	65F3	LINDLEY CLAY LOAM, 18 TO 25 PERCENT SLOPES, SEVERELY ERODED	240	0.57
1	771C	WAUBEEK SILT LOAM, 5 TO 9 PERCENT SLOPES	710	0.71
1	771C2	WAUBEEK SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	880	0.71
1	782C2	DONNAN SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	540	0.65
1	83C	KENYON LOAM, 5 TO 9 PERCENT SLOPES	10400	0.82
1	83C2	KENYON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	15555	0.82
1	83D	KENYON LOAM, 9 TO 14 PERCENT SLOPES	450	0.82
1	83D2	KENYON LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	2970	0.82

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Erosion Category	SMS	Soil Name	Acres	Min LS
2	110C	LAMONT FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	690	0.95
2	163B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	1450	0.62
2	171B	BASSETT LOAM, 2 TO 5 PERCENT SLOPES	945	0.82
2	175C	DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	1865	0.91
2	207C	WHALAN LOAM, 20 TO 30 INCHES TO LIMESTONE, 2 TO 9 PERCENT SLOPES	255	0.57
2	302B	COGGON LOAM, 2 TO 5 PERCENT SLOPES	270	0.71
2	350B	WAUKEGAN SILT LOAM, 2 TO 5 PERCENT SLOPES	1495	0.57
2	352B	WHITTIER SILT LOAM, 1 TO 4 PERCENT SLOPES	515	0.57
2	41C	SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	2185	1.35
2	426B	AREDALE LOAM, 2 TO 5 PERCENT SLOPES	4565	0.82
2	63C	CHELSEA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	1030	1.35
9/92 2	782B	DONNAN SILT LOAM, 2 TO 5 PERCENT SLOPES	200	0.65
~~1~~ ~~2~~ dk	83B	KENYON LOAM, 2 TO 5 PERCENT SLOPES	14280	0.82
3	1043	BREMER SILTY CLAY LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	1625	0.82
3	1088	NEVIN SILTY CLAY LOAM, SANDY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	1840	0.71
3	110B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1310	0.95
3	1119	MUSCATINE SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	2700	0.82
3	1133	COLO SILTY CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	1045	0.82
3	1160	WALFORD SILT LOAM, SANDY SUBSTRATUM, 0 TO 1 PERCENT SLOPES	1115	0.71
3	118	GARWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	5375	0.82
3	119	MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	10575	0.82
3	119B	MUSCATINE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	11825	0.82
3	11B	COLO-ELY COMPLEX, 2 TO 5 PERCENT SLOPES	50960	0.71
3	120	TAMA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	480	0.71
3	120B	TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	20045	0.71
3	122	SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	170	0.82
3	127	WIOTA SILT LOAM, LOAMY SUBSTRATUM, 1 TO 3 PERCENT SLOPES	1660	0.71
3	1291	ATTERBERRY SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	780	0.71
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	21835	0.82
3	1485	SPILLVILLE LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	1325	0.82
3	159	FINCHFORD LOAMY SAND, 0 TO 2 PERCENT SLOPES	945	1.35
3	162B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	1155	0.71
3	1688	KOSZTA SILT LOAM, LOAMY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	960	0.71
3	175	DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	355	0.91
3	175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	4980	0.91
3	177	SAUDE LOAM, 0 TO 2 PERCENT SLOPES	470	0.65
3	177B	SAUDE LOAM, 2 TO 5 PERCENT SLOPES	810	0.65
3	178	WAUKEE LOAM, 0 TO 2 PERCENT SLOPES	1400	0.76
3	178B	WAUKEE LOAM, 2 TO 5 PERCENT SLOPES	2135	0.76
3	184B	KLINGER SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES	1560	0.71
3	198B	FLOYD LOAM, 1 TO 4 PERCENT SLOPES	2060	0.95
3	220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	3290	0.62
3	226	LAWLER LOAM, 32 TO 40 INCHES TO SAND OR GRAVEL, 0 TO 2 PERCENT SLOPES	2110	0.65
3	284	FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	1075	0.91
3	284B	FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	600	0.91
3	291	ATTERBERRY SILT LOAM, 1 TO 3 PERCENT SLOPES	655	0.71
3	315	FLUVAQUENTS, SANDY AND LOAMY	6180	0.62
3	350	WAUKEGAN SILT LOAM, 0 TO 2 PERCENT SLOPES	2820	0.57

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3	377B	DINSDALE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	69465	0.71
3	382	MAXFIELD SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	280	0.95
3	391B	CLYDE-FLOYD COMPLEX, 1 TO 4 PERCENT SLOPES	10550	0.82
3	398	TRIPOLI CLAY LOAM, 0 TO 2 PERCENT SLOPES	285	0.95
3	399	READLYN LOAM, 1 TO 3 PERCENT SLOPES	1985	0.95
3	407B	SCHLEY LOAM, 1 TO 4 PERCENT SLOPES	1445	0.71
3	408B	OLIN FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	4390	1.14
3	41	SPARTA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	700	1.35
3	41B	SPARTA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	2480	1.35
3	420	TAMA SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	2650	0.71
3	420B	TAMA SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	810	0.71
3	428B	ELY SILT LOAM, 2 TO 5 PERCENT SLOPES	4785	0.71
3	485	SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	1495	0.82
3	51	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	555	0.71
3	536	HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	360	1.14
3	54	ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1130	0.82
3	63B	CHELSEA LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	990	1.35
3	727	UDOLPHO LOAM, 32 TO 40 INCHES TO SAND OR GRAVEL, 0 TO 2 PERCENT SLOPES	605	0.62
3	729B	NODAWAY-RADFORD SILT LOAMS, 2 TO 5 PERCENT SLOPES	3215	0.62
3	771B	WAUBEEK SILT LOAM, 2 TO 5 PERCENT SLOPES	2355	0.71
3	778	SATTRE LOAM, 0 TO 2 PERCENT SLOPES	320	0.65
3	778B	SATTRE LOAM, 2 TO 5 PERCENT SLOPES	395	0.65
3	84	CLYDE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	2010	0.82

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	144,650
2	29,745
3	281,480