Mar 19 16:31 1987 Marion County Erodible Land List (Water Erosion) Knoxville Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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



| Erosion Category | SMS | Soil Name | Acres | Min LS |
|---|---|---|---|---|
| 1 | 120C2 | TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 1278 | 0.71 |
| 1 | 120D2 | TAMA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 744 | 0.71 |
| 1 | 131C2 | PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 10218 | 0.37 |
| 1 | 132C2 | WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 3125 | 0.32 |
| 1 | 162C2 | DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 2975 | 0.71 |
| 1 | 162D2 | DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 2575 | 0.71 |
| 1 | 163C2 | FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 1195 | 0.62 |
| 1 | 163D2 | FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1021 | 0.62 |
| 1 | 163E2 | FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 3966 | 0.62 |
| 1 | 163F2 | FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED | 504 | 0.62 |
| 1 | 179D2 | GARA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 8250 | 0.82 |
| 1 | 179E2 | GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 4625 | 0.82 |
| 1 | 179F | GARA LOAM, 18 TO 25 PERCENT SLOPES | 922 | 0.82 |
| 1 | 185D | BAUER SILT LOAM, 9 TO 14 PERCENT SLOPES | 540 | 0.37 |
| 1 | 185D2 | BAUER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1675 | 0.37 |
| 1 | 185E2 | BAUER SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 1567 | 0.37 |
| 1 | 222C | CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 244 | 0.37 |
| 1 | 222C2 | CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 685 | 0.37 |
| 1 | 230C | CLEARFIELD-ARISPE SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES | 662 | 0.71 |
| 1 | 230C2 | CLEARFIELD-ARISPE SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 7200 | 0.71 |
| 1 | 24D2 | SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 4250 | 0.82 |
| 1 | 24E2 | SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 1925 | 0.82 |
| 1 | 273C | OLMITZ LOAM, 5 TO 9 PERCENT SLOPES | 650 | 0.82 |
| 1 | 281C2 | OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 4425 | 0.71 |
| 1 | 281D2 | OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1375 | 0.71 |
| 1 | 313D2 | GOSPORT SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 10003 | 0.32 |
| 1 | 313E2 | GOSPORT SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 19993 | 0.32 |
| 1 | 313F2 | GOSPORT SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED | 7650 | 0.32 |
| 1 | 370C | SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 1117 | 0.71 |
| 1 | 370C2 | SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 11500 | 0.71 |
| 1 | 370D2 | SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 3975 | 0.71 |
| 1 | 373E | TALLULA-DOWNS SILT LOAMS, 12 TO 20 PERCENT SLOPES | 251 | 0.62 |
| 1 | 478G | GOSPORT-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES | 2000 | 0.11 |
| 1 | 570C2 | NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 3270 | 0.71 |
| 1 | 63E2 | CHELSEA LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED | 258 | 1.35 |
| 1 | 65D2 | LINDLEY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 2175 | 0.71 |
| 1 | 65E | LINDLEY LOAM, 14 TO 18 PERCENT SLOPES | 7400 | 0.71 |
| 1 | 65E3 | LINDLEY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED | 342 | 0.57 |
| 1 | 65F | LINDLEY LOAM, 18 TO 25 PERCENT SLOPES | 2000 | 0.71 |
| 1 | 69C2 | CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 497 | 0.82 |
| 1 | 76C2 | LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 19498 | 0.71 |
| 1 | 76D2 | LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 13484 | 0.71 |
| 1 | 80C2 | CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 14678 | 0.62 |
| 1 | 80D2 | CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 17281 | 0.62 |
| 1 | 822D2 | LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 6050 | 0.43 |
| 1 | 870C | SHARPSBURG SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES | 600 | 0.71 |
| 1 | 8C | JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 580 | 0.82 |
| 1 | 93D2 | SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 738 | 0.43 |

132B

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|---|---|---|---|---|
| 1 | 94D2 | CALEB-MYSTIC LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1607 | 0.37 |
| 1 | 993D2 | GARA-ARMSTRONG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1140 | 0.43 |
| 1 | 993E2 | GARA-ARMSTRONG COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 493 | 0.43 |
| 2 | 131B | PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES | 2400 | 0.37 |
| 1 ~~2~~ | 132B | WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES | 335 | 0.32 |
| 2 | 163B | FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES | 542 | 0.62 |
| 2 | 364B | GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 5800 | 0.37 |
| 2 | 63C | CHELSEA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES | 659 | 1.35 |
| 2 | 831B | PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 400 | 0.37 |
| 3 | 1075 | GIVIN SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 659 | 0.71 |
| 3 | 119 | MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 474 | 0.82 |
| 3 | 11B | COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES | 9750 | 0.71 |
| 9/92 PBO 3 | 120B | TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 1211 | 0.71 |
| 3 | 122O | NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES | 1734 | 0.62 |
| 3 | 130 | BELINDA SILT LOAM, 0 TO 2 PERCENT SLOPES | 209 | 0.62 |
| 3 - 1316 → 3 | 1315 | ALLUVIAL LAND-LANDES COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES | 1815 | 0.82 |
| 3 | 133 | COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES Alluvial land, wet, 0 to 2 % | 1275 | 0.82 |
| 3 | 133+ | COLO SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES | 2900 | 0.82 |
| 3 | 133B | COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 459 | 0.82 |
| 3 | 136B | MACKSBURG SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 379 | 0.71 |
| 3 | 13B | NODAWAY-VESSER SILT LOAMS, 2 TO 5 PERCENT SLOPES | 7970 | 0.71 |
| 3 | 162B | DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES | 564 | 0.71 |
| 3 | 208 | LANDES LOAM, 0 TO 2 PERCENT SLOPES | 613 | 1.14 |
| 3 | 212 | KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES | 1016 | 0.71 |
| 3 | 220 | NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES | 13475 | 0.62 |
| 3 | 248 | WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 282 | 0.82 |
| 3 | 273B | OLMITZ LOAM, 2 TO 5 PERCENT SLOPES | 451 | 0.82 |
| 3 | 279 | TAINTOR SILT LOAM, 0 TO 2 PERCENT SLOPES | 5400 | 0.82 |
| 3 | 280 | MAHASKA SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES | 5025 | 0.71 |
| 3 | 281B | OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 4750 | 0.71 |
| 3 | 315 | ALLUVIAL LAND-LANDES COMPLEX, 0 TO 2 PERCENT SLOPES | 450 | 0.62 |
| 3 | 362 | HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES | 1727 | 0.62 |
| 3 | 368 | MACKSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 4580 | 0.71 |
| 3 | 368B | MACKSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 636 | 0.71 |
| 3 | 369 | WINTERSET SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 1850 | 0.82 |
| 3 | 370B | SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 10050 | 0.71 |
| 3 | 428B | ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 1052 | 0.71 |
| 3 | 43 | BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 1575 | 0.82 |
| 3 | 430 | ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES | 3125 | 0.62 |
| 9/92 3 | 453 | TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES | 407 | 0.43 |
| 3 | 485 | SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES | 1610 | 0.82 |
| 3 - 53 → 3 | 51 | VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES Riverwash | 1309 | 0.71 |
| 3 | 54 | ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 6150 | 0.82 |
| 3 | 54+ | ZOOK SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES | 3300 | 0.82 |
| 3 | 570B | NIRA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 739 | 0.71 |
| 3 | 75 | GIVIN SILT LOAM, 0 TO 2 PERCENT SLOPES | 534 | 0.71 |
| 3 | 76B | LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES | 9840 | 0.71 |
| 3 | 80B | CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES | 3550 | 0.62 |

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| 3 | 870B | SHARPSBURG SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 664 | 0.71 |
| 3 | 876B | LADOGA SILT LOAM, BENCHES, 2 TO 6 PERCENT SLOPES | 1433 | 0.71 |
| 3 | 88 | NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 2125 | 0.71 |
| 3 | 8B | JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 620 | 0.82 |
| 3 | 98 | HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES | 1421 | 0.82 |

Subtotal of Acres by Erosion Category

| Erosion Category | Total Acres |
|---|---|
| 1 | 215,176 |
| 2 | 10,136 |
| 3 | 119,158 |