Mar 19 16:28 1987 Lee County Erodible Land List (Water Erosion) Donnellson 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 | 115D | CHELSEA SOILS, 9 TO 18 PERCENT SLOPES | 974 | 1.35 |
| 1 | 131C2 | PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 10879 | 0.37 |
| 132B → 1 | 132C2 | WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 21234 | 0.32 |
| 1 | 132D2 | WELLER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 200 | 0.32 |
| 1 | 154G | DOUDS SOILS, 18 TO 40 PERCENT SLOPES | 1907 | 0.62 |
| 1 | 163C2 | FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 1560 | 0.62 |
| 1 | 179C | GARA LOAM, 5 TO 10 PERCENT SLOPES | 224 | 0.82 |
| 1 | 222C | CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 1376 | 0.37 |
| 1 | 222C2 | CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 1977 | 0.37 |
| 1 | 223C | RINDA SILT LOAM, 5 TO 9 PERCENT SLOPES | 6753 | 0.32 |
| 1 | 223D2 | RINDA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 984 | 0.32 |
| 1 | 23C | ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 2700 | 0.43 |
| 1 | 23C2 | ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 4480 | 0.43 |
| 1 | 424D2 | LINDLEY-KESWICK COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 2551 | 0.37 |
| 1 | 424D3 | LINDLEY-KESWICK COMPLEX, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED | 370 | 0.25 |
| 1 | 425C2 | KESWICK LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 2181 | 0.37 |
| 1 | 425D2 | KESWICK LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 9718 | 0.37 |
| 1 | 425D3 | KESWICK SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED | 693 | 0.25 |
| 1 | 452C2 | LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 309 | 0.37 |
| 1 | 478G | NORDNESS-ROCK OUTCROP COMPLEX, 25 TO 40 PERCENT SLOPES | 1926 | 0.11 |
| 1 | 499D2 | NORDNESS SILT LOAM, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED | 515 | 0.21 |
| 1 | 499F | NORDNESS SILT LOAM, 18 TO 30 PERCENT SLOPES | 694 | 0.21 |
| 1 | 58D2 | DOUDS LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1158 | 0.71 |
| 1 | 58E2 | DOUDS LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 3203 | 0.71 |
| 1 | 594C2 | GALLAND LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 414 | 0.37 |
| 1 | 594D2 | GALLAND LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1781 | 0.37 |
| 1 | 594D3 | GALLAND SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED | 296 | 0.25 |
| 1 | 594E2 | GALLAND LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 696 | 0.37 |
| 1 | 65E2 | LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED | 8844 | 0.71 |
| 1 | 65E3 | LINDLEY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED | 634 | 0.57 |
| 1 | 65F2 | LINDLEY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED | 22107 | 0.71 |
| 1 | 65G | LINDLEY LOAM, 25 TO 40 PERCENT SLOPES | 8329 | 0.71 |
| 1 | 763D2 | FAYETTE-EXETTE SILT LOAMS, 9 TO 15 PERCENT SLOPES, MODERATELY ERODED | 706 | 0.62 |
| 1 | 792C2 | ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 770 | 0.43 |
| 1 | 792D2 | ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 1418 | 0.43 |
| 1 | 793C2 | BERTRAND SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 553 | 0.62 |
| 1 | 795C2 | ASHGROVE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 3670 | 0.32 |
| 1 | 795C3 | ASHGROVE SOILS, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED | 470 | 0.32 |
| 1 | 795D2 | ASHGROVE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 8826 | 0.32 |
| 1 | 795D3 | ASHGROVE SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED | 454 | 0.32 |
| 1 | 80C2 | CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 7396 | 0.62 |
| 1 | 80D2 | CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 674 | 0.62 |
| 1 | 81C2 | CLINTON SILT LOAM, BEDROCK SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 200 | 0.62 |
| 1 | 832C2 | WELLER SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 581 | 0.32 |
| 1 | 880C2 | CLINTON SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED | 2163 | 0.62 |
| OK | 950B | NIOTA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 248 | 0.37 |
| 1 | 950D2 | NIOTA SILTY CLAY LOAM, 7 TO 14 PERCENT SLOPES, MODERATELY ERODED | 256 | 0.19 |
| 1 | 993D2 | ARMSTRONG-GARA LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED | 523 | 0.43 |

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|---|---|---|---|---|
| 2 | 1131B | PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 788 | 0.37 |
| 2 | 131B | PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES | 15431 | 0.37 |
| 1 ~~2~~ | 132B | WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES | 12220 | 0.32 |
| 2 | 364B | GRUNDY SILT LOAM, 2 TO 5 PERCENT SLOPES | 22060 | 0.37 |
| 2 | 832B | WELLER SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 996 | 0.32 |
| 3 | 1057 | RUSHVILLE SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 467 | 0.32 |
| 3 | 1130 | BELINDA SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 784 | 0.62 |
| 3 1136 | 1180 | KEOMAH SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 897 | 0.62 |
| 3 | 1180B | KEOMAH SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 1049 | 0.62 |
| 3 | 1181 | KEOMAH SILT LOAM, BEDROCK SUBSTRATUM, 1 TO 3 PERCENT SLOPES | 350 | 0.62 |
| 3 | 1220 | NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES | 4180 | 0.62 |
| 3 | 1260 | BECKWITH SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES | 248 | 0.62 |
| 3 1316 | 130 | BELINDA SILT LOAM, 0 TO 2 PERCENT SLOPES Alluvial land, frequently flooded | 6755 | 0.62 |
| 3 | 133 | COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 1463 | 0.82 |
| 3 | 13B | COLO-VESSER COMPLEX, 2 TO 5 PERCENT SLOPES | 3685 | 0.71 |
| 3 | 140 | SPARTA LOAMY SAND, THICK SURFACE, 0 TO 2 PERCENT SLOPES | 2971 | 1.35 |
| 3 | 152 | MARSHAN CLAY LOAM, DEEP, 0 TO 2 PERCENT SLOPES | 814 | 0.65 |
| 3 | 162B | DOWNS SILT LOAM, 1 TO 4 PERCENT SLOPES | 406 | 0.71 |
| 3 | 163B | FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES | 652 | 0.62 |
| 3 | 172 | WABASH SILTY CLAY, 0 TO 2 PERCENT SLOPES | 508 | 0.82 |
| 3 | 173 | HOOPESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES | 508 | 0.91 |
| 3 | 175 | DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES | 1626 | 0.91 |
| 3 | 175B | DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES | 494 | 0.91 |
| 3 | 177 | SAUDE LOAM, 0 TO 2 PERCENT SLOPES | 261 | 0.65 |
| 3 | 180 | KEOMAH SILT LOAM, 0 TO 2 PERCENT SLOPES | 922 | 0.62 |
| 3 | 180B | KEOMAH SILT LOAM, 2 TO 5 PERCENT SLOPES | 1508 | 0.62 |
| 3 | 208 | LANDES SANDY LOAM, 0 TO 2 PERCENT SLOPES | 5124 | 1.14 |
| 3 | 211 | EDINA SILT LOAM, 0 TO 1 PERCENT SLOPES | 10720 | 0.49 |
| 3 | 220 | NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES | 2877 | 0.62 |
| 3 | 226 | LAWLER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES | 1673 | 0.65 |
| 3 | 260 | BECKWITH SILT LOAM, 0 TO 2 PERCENT SLOPES | 2588 | 0.62 |
| 3 | 263 | OKAW SILT LOAM, 0 TO 3 PERCENT SLOPES | 816 | 0.32 |
| 3 | 291 | ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES | 269 | 0.71 |
| 3 354 | 315 | ALLUVIAL LAND, LOAMY marsh | 1629 | 0.62 |
| 3 | 362 | HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES | 18844 | 0.62 |
| 3 | 363 | HAIG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 3636 | 0.62 |
| 3 | 364 | GRUNDY SILT LOAM, 0 TO 2 PERCENT SLOPES | 1630 | 0.37 |
| 3 | 380 | MAHASKA SILT LOAM, 1 TO 3 PERCENT SLOPES | 2312 | 0.71 |
| 3 | 41 | SPARTA LOAMY SAND, 0 TO 2 PERCENT SLOPES | 1675 | 1.35 |
| 3 | 41B | SPARTA LOAMY SAND, 2 TO 7 PERCENT SLOPES | 1034 | 1.35 |
| 3 | 453 | TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES | 770 | 0.43 |
| 3 | 484 | LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES | 1878 | 0.82 |
| 3 | 485 | SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES | 442 | 0.82 |
| 3 | 51 | VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES | 1087 | 0.71 |
| 3 | 520 | COPPOCK SILT LOAM, 0 TO 2 PERCENT SLOPES | 1348 | 0.71 |
| 3 | 56 | CANTRIL LOAM, 0 TO 2 PERCENT SLOPES | 1840 | 0.71 |
| 3 | 56B | CANTRIL LOAM, 2 TO 5 PERCENT SLOPES | 2091 | 0.71 |
| 3 | 57 | RUSHVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES | 280 | 0.32 |

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|---|---|---|---|---|
| 3 | 587 | CHEQUEST SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 6448 | 0.82 |
| 3 | 63 | CHELSEA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES | 555 | 1.35 |
| 3 | 63B | CHELSEA LOAMY FINE SAND, 2 TO 7 PERCENT SLOPES | 381 | 1.35 |
| 3 | 687 | WATKINS SILT LOAM, 1 TO 3 PERCENT SLOPES | 499 | 0.71 |
| 3 | 688 | KOSZTA SILT LOAM, 0 TO 2 PERCENT SLOPES | 2356 | 0.71 |
| 3 | 720 | RACOON SILT LOAM, 0 TO 2 PERCENT SLOPES | 498 | 0.32 |
| 3 | 730B | NODAWAY-CANTRIL COMPLEX, 2 TO 5 PERCENT SLOPES | 10058 | 0.62 |
| 3 | 75 | GIVIN SILT LOAM, 1 TO 3 PERCENT SLOPES | 1742 | 0.71 |
| 3 | 793 | BERTRAND SILT LOAM, 0 TO 2 PERCENT SLOPES | 301 | 0.62 |
| 3 | 793B | BERTRAND SILT LOAM, 2 TO 5 PERCENT SLOPES | 741 | 0.62 |
| 3 | 80B | CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES | 2970 | 0.62 |
| 3 | 81B | CLINTON SILT LOAM, BEDROCK SUBSTRATUM, 2 TO 6 PERCENT SLOPES | 240 | 0.62 |
| 3 | 820 | DOCKERY SILT LOAM, 0 TO 2 PERCENT SLOPES | 960 | 0.62 |
| 3 | 880B | CLINTON SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES | 595 | 0.62 |
| 3 | 950 | NIOTA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 494 | 0.37 |
| 3 | 952 | DENROCK VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES | 468 | 0.37 |
| 3 | 977 | RICHWOOD SILT LOAM, 0 TO 2 PERCENT SLOPES | 1783 | 0.82 |
| 3 | 978 | FESTINA SILT LOAM, 1 TO 3 PERCENT SLOPES | 2014 | 0.71 |

Subtotal of Acres by Erosion Category

| Erosion Category | Total Acres |
|---|---|
| 1 | 150,575 |
| 2 | 51,495 |
| 3 | 128,214 |