Highly Erodible Soils Classification
Butler County

| Map Unit Symbol | Map Unit Name | Slope % Min | Slope % Max | Slope Length | LS factor Min | LS factor Max | R | K | T | Erod. Index Min | Erod. Index Max | Class | Land Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Adler sil | 0 | 2 | 144 | 0.09 | 0.22 | 250 | 0.43 | 5 | 1.94 | 4.73 | NHEL | 2w |
| 2 | Amagon sil | 0 | 2 | 200 | 0.10 | 0.25 | 250 | 0.43 | 5 | 2.15 | 5.38 | NHEL | 3w |
| 3B | Elk sil | 1 | 4 | 46 | 0.06 | 0.16 | 250 | 0.37 | 5 | 1.11 | 2.96 | NHEL | 2w |
| 5B | Bosket fsl | 2 | 5 | 150 | 0.23 | 0.66 | 250 | 0.24 | 5 | 2.76 | 7.92 | NHEL | 2e |
| 5C | Bosket fsl | 5 | 9 | 100 | 0.54 | 1.20 | 250 | 0.24 | 5 | 6.48 | 14.40 | PHEL | 3e |
| 6C2 | Bosket fsl, eroded | 4 | 10 | 160 | 0.48 | 1.80 | 250 | 0.24 | 5 | 5.76 | 21.60 | PHEL | 3e |
| 7 | Calhoun sil, Occa.fl | 0 | 2 | 244 | 0.10 | 0.26 | 250 | 0.49 | 5 | 2.45 | 6.37 | NHEL | 4w |
| 8B | Captina sil | 2 | 5 | 104 | 0.20 | 0.54 | 250 | 0.43 | 3 | 7.17 | 19.35 | PHEL | 3e |
| 8B2 | Captina sil, eroded | 2 | 5 | 104 | 0.20 | 0.54 | 250 | 0.43 | 3 | 7.17 | 19.35 | PHEL | 3e |
| 8C | Captina sil | 5 | 9 | 104 | 0.54 | 1.19 | 250 | 0.43 | 3 | 19.35 | 42.64 | HEL | 3e |
| 8C2 | Captina sil, eroded | 5 | 9 | 104 | 0.54 | 1.19 | 250 | 0.43 | 3 | 19.35 | 42.64 | HEL | 3e |
| 9C | Clrksvle grv-sil | 2 | 9 | 155 | 0.23 | 1.40 | 250 | 0.28 | 3 | 5.37 | 32.67 | PHEL | 5s |
| 9D | Clrksvle grv-sil | 9 | 14 | 155 | 1.40 | 2.90 | 250 | 0.28 | 3 | 32.67 | 67.67 | HEL | 6s |
| 9F | Clrksvle grv-sil | 14 | 35 | 155 | 2.90 | 12.00 | 250 | 0.28 | 3 | 67.67 | 280.00 | HEL | 7s |
| 10D | Clrksvle st-sil | 5 | 14 | 155 | 0.67 | 2.90 | 250 | 0.28 | 3 | 15.63 | 67.67 | HEL | 6s |
| 10F | Clrksvle st-sil | 14 | 35 | 155 | 2.90 | 12.50 | 250 | 0.28 | 3 | 67.67 | 291.67 | HEL | 7s |
| 11 | Crowley sil | 0 | 2 | 191 | 0.10 | 0.24 | 250 | 0.49 | 5 | 2.45 | 5.88 | NHEL | 3e |
| 12C | Doniphn grv-sil | 2 | 9 | 110 | 0.21 | 1.20 | 250 | 0.28 | 3 | 4.90 | 28.00 | PHEL | 3s |
| 12D | Doniphn grv-sil | 9 | 14 | 114 | 1.30 | 2.50 | 250 | 0.28 | 3 | 30.33 | 58.33 | HEL | 4s |
| 12F | Doniphn grv-sil | 14 | 35 | 100 | 2.20 | 10.50 | 250 | 0.28 | 3 | 51.33 | 245.00 | HEL | 6s |
| 14B | Dubbs sil | 0 | 5 | 150 | 0.09 | 0.66 | 250 | 0.37 | 5 | 1.67 | 12.21 | PHEL | 2e |
| 15 | Foley sil | 0 | 2 | 297 | 0.11 | 0.93 | 250 | 0.43 | 3 | 3.94 | 33.33 | PHEL | 3w |
| 18B | Hartville sil | 1 | 4 | 120 | 0.13 | 0.43 | 250 | 0.43 | 3 | 4.66 | 15.41 | PHEL | 2w |
| 19 | Hontas sil | 0 | 2 | 533 | 0.13 | 0.33 | 250 | 0.37 | 5 | 2.41 | 6.11 | NHEL | 2w |
| 20 | Houlka sicl | 0 | 2 | 117 | 0.09 | 0.21 | 250 | 0.28 | 5 | 1.26 | 2.94 | NHEL | 2w |
| 21 | Kobel clay | 0 | 2 | 414 | 0.12 | 0.31 | 250 | 0.37 | 5 | 2.22 | 5.74 | NHEL | 3w |
| 22 | Lafe sil | 0 | 2 | 297 | 0.11 | 0.28 | 250 | 0.49 | 1 | 13.48 | 34.30 | HEL | 6s |
| 23B | Loring sil | 2 | 5 | 108 | 0.22 | 0.61 | 250 | 0.49 | 3 | 8.98 | 24.91 | HEL | 2e |
| 23B2 | Loring sil, eroded | 2 | 5 | 108 | 0.22 | 0.61 | 250 | 0.49 | 3 | 8.98 | 24.91 | HEL | 2e |
| 23C | Loring sil | 5 | 9 | 108 | 0.54 | 1.20 | 250 | 0.49 | 3 | 22.05 | 49.00 | HEL | 3e |
| 23C2 | Loring sil, eroded | 5 | 9 | 108 | 0.54 | 1.20 | 250 | 0.49 | 3 | 22.05 | 49.00 | HEL | 3e |
| 23D | Loring sil | 9 | 14 | 108 | 1.05 | 2.00 | 250 | 0.49 | 3 | 42.88 | 81.67 | HEL | 4e |
| 23D2 | Loring sil, eroded | 9 | 14 | 108 | 1.05 | 2.00 | 250 | 0.49 | 3 | 42.88 | 81.67 | HEL | 4e |
| 24A | Midco gr-l | 1 | 3 | 71 | 0.11 | 0.26 | 250 | 0.24 | 5 | 1.32 | 3.12 | NHEL | 3s |
| 25 | Nolin sil | 0 | 2 | 96 | 0.08 | 0.20 | 250 | 0.43 | 5 | 1.72 | 4.30 | NHEL | 2w |
| 26B | Peridge sil | 2 | 5 | 142 | 0.22 | 0.63 | 250 | 0.37 | 5 | 4.07 | 11.66 | PHEL | 3e |
| 26C | Peridge sil | 5 | 9 | 142 | 0.63 | 1.4 | 250 | 0.37 | 5 | 11.66 | 25.90 | HEL | 3e |
| 26C2 | Peridge sil | 5 | 9 | 142 | 0.63 | 1.4 | 250 | 0.37 | 5 | 11.66 | 25.90 | HEL | 3e |
| 27 | Secesh sil | 0 | 2 | 206 | 0.1 | 0.25 | 250 | 0.32 | 3 | 2.67 | 6.67 | NHEL | 2w |
| 28 | Tuckerman fsl | 0 | 2 | 296 | 0.11 | 0.28 | 250 | 0.24 | 5 | 1.32 | 3.36 | NHEL | 3w |
| 29B | Tckrmn-Bosk. fsl | 0 | 5 | 200 | 0.1 | 0.76 | 250 | 0.24 | 5 | 1.20 | 9.12 | PHEL | 3w |
| 30 | Wideman fsl | 0 | 5 | 31 | 0.06 | 0.15 | 250 | 0.17 | 5 | 0.51 | 1.28 | NHEL | 3s |
| 31B | Wilderness gr-sil | 2 | 7 | 181 | 0.2 | 0.83 | 250 | 0.28 | 2 | 7.00 | 29.05 | PHEL | 4s |
| 33 | Calhoun sil | 0 | 2 | 244 | 0.1 | 0.26 | 250 | 0.49 | 5 | 2.45 | 6.37 | NHEL | 3w |

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