

Highly Erodible Soils Classification  
 Randolph County, Missouri  
 January 1990  
 R = 200

| Map Unit | Record Number | Series Name           | Surface Texture Phase | Slope Percent |      | T | K    | L    | S    | AV LS | Erodability Index |       | Highly Erodable Rating | Slope Low | Slope High |
|----------|---------------|-----------------------|-----------------------|---------------|------|---|------|------|------|-------|-------------------|-------|------------------------|-----------|------------|
|          |               |                       |                       | Low           | High |   |      |      |      |       | Low               | High  |                        |           |            |
| 15B      | MO0055        | Calwoods              | sil                   | 2             | 5    | 3 | 0.37 | 160  | 3.5  | 0.42  | 5.2               | 16.9  | PHEL                   | 120       | 200        |
| 16C2     | MO0020        | Lagonda               | sil, er               | 5             | 9    | 3 | 0.37 | 180  | 7    | 1.11  | 15.0              | 41.9  | HEL                    | 150       | 210        |
| 18C2     | MO0059        | Gorin                 | sil, er               | 5             | 9    | 3 | 0.43 | 150  | 7    | 1.01  | 16.5              | 43.8  | HEL                    | 130       | 170        |
| 19E2     | IA0203        | Gosport               | sil, er               | 14            | 30   | 3 | 0.43 | 100  | 22   | 4.77  | 50.9              | 269.7 | HEL                    | 60        | 140        |
| 23C2     | IA0150        | Keswick               | sil, er               | 5             | 9    | 3 | 0.37 | 150  | 7    | 1.01  | 14.2              | 37.7  | HEL                    | 130       | 170        |
| 23E2     | IA0150        | Keswick               | sil, er               | 9             | 20   | 3 | 0.37 | 120  | 14.5 | 2.66  | 25.9              | 127.3 | HEL                    | 80        | 160        |
| 24E      | MO0215        | (Norris Var.)-Gosport | cx                    | 14            | 35   | 2 | 0.24 | 115  | 24.5 | 6.11  | 38.9              | 329.1 | HEL                    | 50        | 180        |
| 24E      | IA0203        | Norris Var.-Gosport)  | cx                    | 14            | 35   | 3 | 0.43 | 115  | 24.5 | 6.11  | 46.5              | 393.1 | HEL                    | 50        | 180        |
| 26B2     | MO0061        | Leonard               | sil, er               | 3             | 7    | 3 | 0.37 | 150  | 5    | 0.61  | 7.5               | 27.3  | PHEL                   | 120       | 180        |
| 27E      | MO0018        | Lindley               | l                     | 14            | 30   | 5 | 0.32 | 95   | 22   | 4.65  | 22.7              | 116.1 | HEL                    | 60        | 130        |
| 30B      | MO0056        | Mexico                | sil                   | 1             | 4    | 3 | 0.43 | 225  | 2.5  | 0.31  | 3.9               | 17.8  | PHEL                   | 150       | 300        |
| 31       | MO0054        | Putnam                | sil                   | 0             | 2    | 3 | 0.43 | 215  | 1    | 0.15  | 0.0               | 7.6   | NHEL                   | 180       | 250        |
| 34B      | MO0001        | Grundy                | sil                   | 2             | 5    | 3 | 0.37 | 230  | 3.5  | 0.48  | 5.7               | 19.8  | PHEL                   | 160       | 300        |
| 42       | IA0135        | Bremer                | sil                   | 0             | 2    | 5 | 0.32 | 212. | 1    | 0.15  | 0.0               | 3.4   | NHEL                   | 175       | 250        |
| 45A      | MO0053        | Moniteau              | sil                   | 0             | 3    | 5 | 0.43 | 150  | 1.5  | 0.18  | 0.0               | 5.9   | NHEL                   | 120       | 180        |
| 51       | IN0060        | Wilbur                | sil                   | 0             | 2    | 5 | 0.37 | 85   | 1    | 0.12  | 0.0               | 3.0   | NHEL                   | 70        | 100        |
| 53       | IA0138        | Chequest              | sicl                  | 0             | 2    | 5 | 0.28 | 135  | 1    | 0.13  | 0.0               | 2.5   | NHEL                   | 120       | 150        |
| 55       | IL0005        | Piopolis              | sicl                  | 0             | 2    | 4 | 0.43 | 160  | 1    | 0.14  | 0.0               | 5.3   | NHEL                   | 120       | 200        |
| 60E      | OH0264        | Bethesda              | shsil                 | 9             | 20   | 5 | 0.28 | 130  | 14.5 | 2.76  | 11.7              | 61.3  | HEL                    | 80        | 180        |
| 60F      | OH0264        | Bethesda              | shsil                 | 20            | 70   | 5 | 0.28 | 100  | 45   | 15.20 | 25.0              | 414.6 | HEL                    | 30        | 170        |
| 62C      | IL0330        | Schuline              | sicl                  | 3             | 9    | 5 | 0.37 | 137. | 6    | 0.79  | 4.2               | 23.0  | PHEL                   | 100       | 175        |
| 62D      | IL0330        | Schuline              | sicl                  | 9             | 14   | 5 | 0.37 | 127. | 11.5 | 1.91  | 15.5              | 44.9  | HEL                    | 80        | 175        |

STATE CONSERVATIONIST

*Handwritten signature* 6-14-94