

| SOILSDATA BASE |        | LAWRENCE |                 | R=      | 250      | 18-Jun-94 Highly Erodible Soils Classification |      |   |      |     |    | January 1, 1990 Data |       |       |       |       |       |
|----------------|--------|----------|-----------------|---------|----------|--|------|---|------|-----|----|----------------------|-------|-------|-------|-------|-------|
| DATA           | COUNTY | SOILS-5  | SERIES          | SURFACE | OTHER    | SLOPE  |      | T | K    | L   | S  | RK                   | AVE   | AVE.  | LOW   | HIGH  |       |
| LINE           | MAP    | RECORD   | NAME            | TEXTURE | PHASE    | PERCENT  |      |   |      |     |    |                      | LS    | EROD  | EROD. | EROD. | CLASS |
| ENTRY          | UNIT   | NUMBER   |                 | PHASE   |          | LOW  | HIGH |   |      |     |    |                      | INDEX | INDEX | INDEX |       |       |
| 1              | 1B     | OK0151   | NEWTONIA        | SIL     | SLIGHT   | 1  | 3    | 5 | 0.37 | 199 | 2  | 92.50                | 0.25  | 4.6   | 2.9   | 6.5   | NHE   |
| 2              | 2B     | KY0006   | PEMBROKE        | SIL     | SLIGHT   | 1  | 5    | 5 | 0.32 | 230 | 3  | 80.00                | 0.37  | 5.9   | 2.6   | 13.0  | PHE   |
| 3              | 3D     | MO0034   | ELDON           | CR-SIL  | SLIGHT   | 5  | 14   | 2 | 0.24 | 243 | 10 | 60.00                | 2.13  | 64.0  | 25.0  | 107.3 | HE    |
| 5              | 5C     | MO0085   | WILDERNESS      | CR-SIL  | SLIGHT   | 2  | 9    | 2 | 0.28 | 181 | 6  | 70.00                | 0.90  | 31.7  | 8.4   | 55.2  | HE    |
| 6              | 6B     | MO0087   | CRELDON         | SIL     | SLIGHT   | 1  | 4    | 4 | 0.32 | 223 | 3  | 80.00                | 0.36  | 7.3   | 3.3   | 11.0  | PHE   |
| 9              | 9B     | MO0194   | NEEDLEYE        | SIL     | MOD PERM | 1  | 3    | 4 | 0.37 | 188 | 2  | 92.50                | 0.24  | 5.6   | 3.6   | 8.0   | PHE   |
| 10             | 10     | MO0068   | BADO            | SIL     | SLIGHT   | 0  | 2    | 3 | 0.43 | 238 | 1  | 107.50               | 0.17  | 6.0   | 3.0   | 9.3   | PHE   |
| 11             | 11B    | MO0021   | SAMPEL          | SICL    | SLIGHT   | 2  | 5    | 3 | 0.37 | 224 | 4  | 92.50                | 0.55  | 17.0  | 7.9   | 24.7  | PHE   |
| 16             | 16B    | MO0030   | BARCO           | L       | SLIGHT   | 2  | 5    | 4 | 0.32 | 250 | 4  | 80.00                | 0.58  | 11.5  | 5.3   | 16.9  | PHE   |
| 21             | 21B    | AR0019   | PERIDGE         | SIL     | SLIGHT   | 2  | 5    | 5 | 0.37 | 142 | 4  | 92.50                | 0.46  | 8.5   | 4.1   | 11.8  | PHE   |
| 23             | 23B    | MO0031   | BOLIVER         | FSL     | SLIGHT   | 2  | 5    | 4 | 0.24 | 218 | 4  | 60.00                | 0.55  | 8.2   | 3.8   | 11.8  | PHE   |
| 24             | 24     | OK0011   | PARSONS         | SIL     | SLIGHT   | 0  | 2    | 4 | 0.49 | 304 | 1  | 122.50               | 0.18  | 5.5   | 2.7   | 8.6   | PHE   |
| 26             | 26D    | OK0002   | COLLINSVILLE    | FSL     | SLIGHT   | 2  | 14   | 1 | 0.2  | 277 | 8  | 50.00                | 1.65  | 82.5  | 13.6  | 190.9 | HE    |
| 27             | 27D    | KS0136   | BASEHOR         | FSL     | ST       | 2  | 14   | 2 | 0.24 | 193 | 8  | 60.00                | 1.38  | 41.3  | 7.3   | 95.6  | PHE   |
| 30             | 30C    | MO0193   | KEENO           | CR-SIL  | MOD PERM | 3  | 9    | 4 | 0.24 | 264 | 6  | 60.00                | 1.09  | 16.4  | 5.8   | 28.6  | PHE   |
| 32             | 32C    | MO0066   | FREEBURG-ALSUP  | COMPLEX | SLIGHT   | 2  | 9    | 5 | 0.37 | 160 | 6  | 92.50                | 0.85  | 15.7  | 4.3   | 27.4  | PHE   |
| 33             | 33B    | MO0193   | KEENO-ELDON     | COMPLEX | MOD PERM | 2  | 5    | 2 | 0.24 | 264 | 4  | 60.00                | 0.59  | 17.7  | 8.1   | 26.1  | HE    |
| 35             | 35D    | MO0025   | CLARKSVILLE-NIX | COMPLEX | SLIGHT   | 5  | 14   | 2 | 0.2  | 200 | 10 | 50.00                | 1.94  | 48.4  | 18.9  | 81.1  | HE    |
| 40             | 40E    | MO0091   | ALSUP           | CR-SIL  | ST       | 9  | 25   | 5 | 0.28 | 217 | 17 | 70.00                | 4.61  | 64.5  | 24.2  | 121.5 | HE    |
| 43             | 43D    | MO0013   | GOSS            | CR-SIL  | SLIGHT   | 5  | 14   | 2 | 0.24 | 177 | 10 | 60.00                | 1.82  | 54.6  | 21.4  | 91.6  | HE    |
| 44             | 44E    | MO0013   | GOSS-GASCONADE  | COMPLEX | SLIGHT   | 2  | 50   | 2 | 0.2  | 175 | 25 | 50.00                | 7.79  | 194.8 | 5.9   | 589.4 | PHE   |
| 45             | 45E    | MO0025   | CLARKSVILLE     | CR-SIL  | SLIGHT   | 14   | 30   | 3 | 0.15 | 155 | 22 | 37.50                | 5.94  | 74.2  | 35.7  | 123.8 | HE    |
| 50             | 50C    | AR0108   | NIXA            | CR-SIL  | MOD PERM | 2  | 9    | 2 | 0.32 | 208 | 6  | 80.00                | 0.97  | 38.8  | 10.0  | 67.7  | HE    |
| 53             | 53B    | MO0085   | WILDERNESS-GOSS | COMPLEX | SLIGHT   | 2  | 5    | 2 | 0.24 | 180 | 4  | 60.00                | 0.51  | 15.2  | 7.2   | 21.5  | PHE   |
| 54             | 54     | TN0009   | LANTON          | SIL     | OCCAS    | 0  | 2    | 5 | 0.37 | 164 | 1  | 92.50                | 0.15  | 2.8   | 1.4   | 4.3   | NHE   |
| 55             | 55     | WV0005   | HUNTINGTON      | SIL     | OCCAS    | 0  | 2    | 5 | 0.28 | 158 | 1  | 70.00                | 0.15  | 2.1   | 1.1   | 3.2   | NHE   |
| 56             | 56     | MO0009   | OSAGE           | SICL    | OCCAS    | 0  | 2    | 5 | 0.28 | 231 | 1  | 70.00                | 0.17  | 2.3   | 1.1   | 3.6   | NHE   |
| 61             | 61B    | MO0192   | HOBERG          | SIL     | MOD PERM | 2  | 5    | 4 | 0.37 | 242 | 4  | 92.50                | 0.57  | 13.2  | 6.1   | 19.2  | PHE   |
| 76             | 76     | KS0050   | HEPLER          | SIL     | OCCAS    | 0  | 2    | 5 | 0.37 | 175 | 1  | 92.50                | 0.15  | 2.8   | 1.4   | 4.4   | NHE   |
| 81             | 81B    | MO0097   | VIRATON         | SIL     | SLIGHT   | 2  | 5    | 4 | 0.43 | 223 | 4  | 107.50               | 0.55  | 14.8  | 6.9   | 21.5  | PHE   |

18-Jun-94

## 1985 FOOD SECURITY ACT

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|----------------|--------|----------|-----------------|---------|--------|--|------|---|------|-----|----|--------|------|-------|-------|----------------------|-------|--|--|
| DATA           | COUNTY | SOILS-5  | SERIES          | SURFACE | OTHER  | SLOPE  |      | T | K    | L   | S  | RK     | AVE  | AVE.  | LOW   | HIGH                 | CLASS |  |  |
| LINE           | MAP    | RECORD   | NAME            | TEXTURE | PHASE  | PERCENT  |      |   |      |     |    |        | LS   | EROD  | EROD. | EROD.                |       |  |  |
| ENTRY          | UNIT   | NUMBER   |                 | PHASE   |        | LOW  | HIGH |   |      |     |    |        |      | INDEX | INDEX | INDEX                |       |  |  |
| 83             | 83D    | M00028   | GASCONADE       | FL-SICL | SLIGHT | 2  | 20   | 2 | 0.2  | 174 | 11 | 50.00  | 2.08 | 52.1  | 5.9   | 134.5                | PHE   |  |  |
| 94             | 94     | M00006   | CEDARGAP        | CR-SIL  | FREQ   | 0  | 2    | 5 | 0.28 | 113 | 1  | 70.00  | 0.13 | 1.9   | 1.0   | 2.9                  | NHE   |  |  |
| 95             | 95     | M00006   | CEDARGAP        | SIL     | FREQ   | 0  | 2    | 5 | 0.32 | 113 | 1  | 80.00  | 0.13 | 2.1   | 1.1   | 3.3                  | NHE   |  |  |
| 240            | 240    | M00098   | GERALD          | SIL     | SLIGHT | 0  | 2    | 3 | 0.37 | 302 | 1  | 92.50  | 0.18 | 5.5   | 2.7   | 8.6                  | PHE   |  |  |
| 241            | 241B   | OK0011   | PARSONS-SAMPEL  | COMPLEX | SLIGHT | 1  | 3    | 4 | 0.49 | 304 | 2  | 122.50 | 0.28 | 8.6   | 5.5   | 12.3                 | PHE   |  |  |
| 245            | 245    | M00072   | CARYTOWN        | SIL     | SLIGHT | 0  | 2    | 3 | 0.43 | 319 | 1  | 107.50 | 0.18 | 6.5   | 3.1   | 10.2                 | PHE   |  |  |
| 921            | 921    | M00021   | SECESH-CEDARGAP | COMPLEX | OCCAS  | 0  | 2    | 4 | 0.32 | 206 | 1  | 80.00  | 0.16 | 3.2   | 1.6   | 5.0                  | NHE   |  |  |
| 931            | 931    | AR0040   | WABEN-CEDARGAP  | COMPLEX | FREQ   | 0  | 5    | 5 | 0.28 | 140 | 3  | 70.00  | 0.32 | 4.4   | 1.0   | 8.9                  | PHE   |  |  |
| 940            | 940    |          | DUMPS-ORTHENTS  | COMPLEX |        |  |      |   |      |     |    | 0.00   | 0.00 | ERR   | ERR   | ERR                  | ERR   |  |  |
| 941            | 941    |          | PITS DUMPS      |         |        |  |      |   |      |     |    | 0.00   | 0.00 | ERR   | ERR   | ERR                  | ERR   |  |  |
| 943            | 943    |          | ORTHENTS NEARLY |         |        |  |      |   |      |     |    | 0.00   | 0.00 | ERR   | ERR   | ERR                  | ERR   |  |  |

This information is to be used for HEL determinations.

For planning and programs the current information on the soils-5 interpretation record should be used.

STATE CONSERVATIONIST RUSSELL C. MILLS

DATE

11-09-94