

Neosho County, Kansas: Published
Field Office Thunderbook: Soils Properties for Conservation Planning

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "K", "Kf", "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer)

| Map symbol and soil name | Percent | Irr Cap Class | Nonirr Cap Class | Prime Farmland | Hydro- logic Group | Range site name | Windbreak suitability group | Erosion factors | | | Wind erodi- bility group | Wind erodi- bility index |
|--------------------------------|---------|---------------------|------------------------|------------------------------------|--------------------------|------------------------------------|-----------------------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
| | | | | | | | | K | Kf | T | | |
| 0010B:OSAGE---- | 100 | N/A | 2w | Prime farmland if drained | D | Clay Lowland (pe35-42) | 4 | .32 | .32 | 5 | 4 | 86 |
| 011RC:RINGO---- | 70 | N/A | 6e | Not prime farmland | D | Clay Upland (pe35-42) | 4 | .28 | .28 | 3 | 4 | 86 |
| 011RC:CLARESON-- | 15 | N/A | 6s | Not prime farmland | C | Shallow Flats (pe35-42) | 9 | .24 | .49 | 2 | 8 | 0 |
| 037CE:CHEROKEE-- | 99 | N/A | 3w | All areas are prime farmland | D | Clay Upland (pe35-42) | 6 | .49 | .49 | 3 | 5 | 56 |
| 099VC:VERDIGRIS- | 85 | N/A | 5w | Not prime farmland | B | Loamy Lowland (pe35-42) | 7 | .32 | .32 | 5 | 6 | 48 |
| 205BO:BATES----- | 45 | N/A | 6e | Not prime farmland | B | Loamy Upland (pe35-42) | 6 | .32 | .32 | 3 | 5 | 56 |
| 205BO:COLLINSVIL LE----- | 40 | N/A | 7s | Not prime farmland | D | Shallow Sandstone (pe35- 42) | 6 | .32 | .32 | 1 | 5 | 56 |
| 205KO:KENOMA---- | 50 | N/A | 4e | Not prime farmland | D | Clay Upland (pe35-42) | 7 | .43 | .43 | 3 | 6 | 48 |
| 205KO:OLPE----- | 35 | N/A | 4e | Not prime farmland | C | Loamy Upland (pe35-42) | 7 | .43 | .43 | 5 | 6 | 48 |
| 205RS:RINGO---- | 65 | N/A | 6e | Not prime farmland | D | Clay Upland (pe35-42) | 4 | .37 | .37 | 3 | 4 | 86 |
| 205RS:SHIDLER--- | 30 | N/A | 7e | Not prime farmland | D | Shallow Limy (pe35-42) | 8 | .32 | .37 | 1 | 7 | 38 |
| 205SC:SHIDLER--- | 70 | N/A | 6e | Not prime farmland | D | Shallow Limy (pe35-42) | 8 | .32 | .37 | 1 | 7 | 38 |
| 205SC:CATOOSA--- | 20 | N/A | 2e | Not prime farmland | B | Loamy Upland (pe35-42) | 7 | .37 | .37 | 2 | 6 | 48 |
| AED:ARENTS, EARTHEN DAM---- | 100 | N/A | 8 | Not prime farmland | | Unspecified | | --- | --- | - | --- | --- |
| Ba:BATES----- | 85 | N/A | 2e | All areas are prime farmland | B | Loamy Upland (pe35-42) | 6 | .32 | .32 | 3 | 5 | 56 |
| Bc:BATES----- | 85 | N/A | 3e | All areas are prime farmland | B | Loamy Upland (pe35-42) | 6 | .32 | .32 | 3 | 5 | 56 |
| Bd:BATES----- | 55 | N/A | 4e | Not prime farmland | B | Loamy Upland (pe35-42) | 6 | .32 | .32 | 3 | 5 | 56 |
| Bd:COLLINSVILLE- | 35 | N/A | 7e | Not prime farmland | D | Shallow Sandstone (pe35- 42) | 3 | .32 | .32 | 1 | 3 | 86 |
| Bh:BATES----- | 45 | N/A | 6e | Not prime farmland | B | Loamy Upland (pe35-42) | 6 | .32 | .32 | 3 | 5 | 56 |

Neosho County, Kansas: Published
Field Office Thunderbook: Soils Properties for Conservation Planning--Continued

| Map symbol and soil name | Percent | Irr Cap Class | Nonirr Cap Class | Prime Farmland | Hydro- logic Group | Range site name | Windbreak suitability group | Erosion factors | | | Wind erodi- bility group | Wind erodi- bility index |
|-------------------------------------|---------|---------------------|------------------------|------------------------------------|--------------------------|------------------------------------|-----------------------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
| | | | | | | | | K | Kf | T | | |
| Bh:COLLINSVILLE- | 40 | N/A | 7e | Not prime farmland | D | Shallow Sandstone (pe35- 42) | 3 | .32 | .32 | 1 | 3 | 86 |
| Ca:CATOOSA----- | 85 | N/A | 2e | All areas are prime farmland | B | Loamy Upland (pe35-42) | 7 | .37 | .37 | 2 | 6 | 48 |
| Da:DEEPWATER---- | 90 | N/A | 2e | All areas are prime farmland | B | Loamy Upland (pe35-42) | 7 | .32 | .32 | 5 | 6 | 48 |
| Db:DENNIS----- | 90 | N/A | 2e | All areas are prime farmland | C | Loamy Upland (pe35-42) | 7 | .43 | .43 | 5 | 6 | 48 |
| Dc:DENNIS----- | 90 | N/A | 3e | All areas are prime farmland | C | Loamy Upland (pe35-42) | 7 | .43 | .43 | 5 | 6 | 48 |
| Dn:DENNIS----- | 55 | N/A | 4e | Not prime farmland | C | Loamy Upland (pe35-42) | 7 | .43 | .43 | 5 | 6 | 48 |
| Dn:LANTON----- | 30 | N/A | 2w | Not prime farmland | C | Loamy Lowland (pe35-42) | 7 | .37 | .37 | 5 | 6 | 48 |
| Eb:ERAM----- | 90 | N/A | 3e | All areas are prime farmland | C | Clay Upland (pe35-42) | 8 | .37 | .37 | 3 | 7 | 38 |
| Ec:ERAM----- | 90 | N/A | 4e | Not prime farmland | C | Clay Upland (pe35-42) | 8 | .37 | .37 | 3 | 7 | 38 |
| Et:ERAM----- | 50 | N/A | 6e | Not prime farmland | C | Clay Upland (pe35-42) | 8 | .37 | .37 | 3 | 7 | 38 |
| Et:LEBO----- | 35 | N/A | 6e | Not prime farmland | B | Loamy Upland (pe35-42) | 8 | .32 | .32 | 3 | 7 | 38 |
| Ka:KENOMA----- | 90 | N/A | 3e | All areas are prime farmland | D | Clay Upland (pe35-42) | 7 | .43 | .43 | 3 | 6 | 48 |
| La:LANTON----- | 90 | N/A | 2w | Prime farmland if drained | C | Loamy Lowland (pe35-42) | 7 | .37 | .37 | 5 | 6 | 48 |
| M- W:MISCELLANEOUS WATER----- | 100 | N/A | N/A | Not prime farmland | | Unspecified | | --- | --- | - | --- | --- |
| No:NOWATA----- | 90 | N/A | 4e | Not prime farmland | B | Loamy Upland (pe35-42) | 7 | .37 | .37 | 2 | 6 | 48 |
| Od:OLPE----- | 55 | N/A | 6e | Not prime farmland | C | Loamy Upland (pe35-42) | 9 | .24 | .43 | 5 | 8 | 0 |
| Od:DENNIS----- | 35 | N/A | 4e | Not prime farmland | C | Loamy Upland (pe35-42) | 7 | .43 | .43 | 5 | 6 | 48 |
| Os:OSAGE----- | 90 | N/A | 3w | Prime farmland if drained | D | Clay Lowland (pe35-42) | 4 | .28 | .28 | 5 | 4 | 86 |

Neosho County, Kansas: Published
Field Office Thunderbook: Soils Properties for Conservation Planning--Continued

| Map symbol and soil name | Percent | Irr Cap Class | Nonirr Cap Class | Prime Farmland | Hydro- logic Group | Range site name | Windbreak suitability group | Erosion factors | | | Wind erodi- bility group | Wind erodi- bility index |
|-----------------------------|---------|---------------------|------------------------|------------------------------------|--------------------------|-------------------------------|-----------------------------------|-----------------|-----|---|-----------------------------------|-----------------------------------|
| | | | | | | | | K | Kf | T | | |
| Pa:PARSONS----- | 90 | N/A | 2s | All areas are prime farmland | D | Clay Upland (pe35-42) | 6 | .49 | .49 | 3 | 5 | 56 |
| Pt:Pits, quarries----- | 100 | N/A | N/A | Not prime farmland | | Unspecified | | --- | --- | - | --- | 0 |
| Sc:SHIDLER----- | 50 | N/A | 6e | Not prime farmland | D | Shallow Limy (pe35-42) | 5 | .32 | .32 | 1 | 4L | 86 |
| Sc:CATOOSA----- | 40 | N/A | 2e | Not prime farmland | B | Loamy Upland (pe35-42) | 7 | .37 | .37 | 2 | 6 | 48 |
| Sd:STEPHENVILLE- | 45 | N/A | 6e | Not prime farmland | B | Savannah (pe35- 42) | 3 | .24 | .24 | 3 | 3 | 86 |
| Sd:DARNELL----- | 40 | N/A | 7s | Not prime farmland | C | Shallow Savannah (pe35-42) | 3 | .24 | .24 | 2 | 3 | 86 |
| Va:VERDIGRIS---- | 95 | N/A | 2w | All areas are prime farmland | B | Loamy Lowland (pe35-42) | 7 | .32 | .32 | 5 | 6 | 48 |
| Vb:VERDIGRIS---- | 95 | N/A | 5w | Not prime farmland | B | Loamy Lowland (pe35-42) | 7 | .32 | .32 | 5 | 6 | 48 |
| W:WATER----- | 100 | N/A | N/A | | | Unspecified | | --- | --- | - | --- | --- |
| Wa:WOODSON----- | 90 | N/A | 2s | All areas are prime farmland | D | Clay Upland (pe35-42) | 7 | .43 | .43 | 3 | 6 | 48 |
| ZC:ZAAR----- | 96 | N/A | 3e | All areas are prime farmland | D | Clay Upland (pe35-42) | 4 | .28 | .28 | 5 | 4 | 86 |
| Zb:ZAAR----- | 85 | N/A | 3w | All areas are prime farmland | D | Clay Upland (pe35-42) | 4 | .28 | .28 | 5 | 4 | 86 |

