SOIL SURVEY OF PAYNE COUNTY, OKLAHOMA

OSUUR Section 17

MAP INFORMATION

Source of Map: Natural Resources Conservation Service

Coordinate System: UTM Zone 14
Soil Survey Area: Payne County, Oklahoma
Spatial Version of Data: 2
Soil Map Compilation Scale: 1:24000

The orthophoto or other base map on which the soil lines were compiled and
digitized probably differs from the background imagery displayed on these maps.
As a result, some minor shifting of map unit boundaries may be evident.

Map comprised of aerial images photographed on these dates:
2/20/1995; 2/21/1995

MAP LEGEND

- Soil Map Units
  - Cities
  - Detailed Counties
  - Detailed States
  - Interstate Highways
  - Roads
  - Rails
  - Water
  - Hydrography
  - Oceans
  - Escarpment, bedrock
  - Escarpment, non-bedrock
  - Gulley
  - Levee
  - Slope
  - Blowout
  - Borrow Pit
  - Clay Spot
  - Depression, closed
  - Eroded Spot
  - Gravel Pit
  - Gravelly Spot
  - Gulley
  - Lava Flow
  - Landfill
  - Marsh or Swamp
  - Miscellaneous Water
  - Rock Outcrop
  - Saline Spot
  - Sandy Spot
  - Slide or Slip
  - Sinkhole
  - Sodic Spot
  - Spoil Area
  - Stony Spot
  - Very Stony Spot
  - Perennial Water
  - Wet Spot

Web Soil Survey 1.1
National Cooperative Soil Survey
# Map Unit Legend Summary

Payne County, Oklahoma

<table>
<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
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<tr>
<td>11</td>
<td>Stephenville-Darnell complex, 3 to 8 percent slopes</td>
<td>7.2</td>
<td>4.4</td>
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<td>21</td>
<td>Kirkland silt loam, 1 to 3 percent slopes</td>
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<td>2.2</td>
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<td>Grainola-Lucien complex, 1 to 5 percent slopes</td>
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<td>Grainola-Lucien complex, 5 to 12 percent slopes</td>
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<td>Renfrow silt loam, 3 to 5 percent slopes</td>
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<td>4.7</td>
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<td>47</td>
<td>Renfrow loam, 3 to 5 percent slopes, eroded</td>
<td>14.5</td>
<td>8.7</td>
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<td>49</td>
<td>Renfrow and Grainola soils, 3 to 8 percent slopes, severely eroded</td>
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<td>1.7</td>
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<td>66</td>
<td>Masham silty clay loam, 5 to 20 percent slopes</td>
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<td>Zaneis loam, 3 to 5 percent slopes</td>
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<td>Zaneis loam, 3 to 5 percent slopes, eroded</td>
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<td>Zaneis-Huska complex, 1 to 5 percent slopes</td>
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<td>Coyle-Lucien complex, 3 to 5 percent slopes</td>
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<td>Coyle and Zaneis soils, 3 to 5 percent slopes, severely eroded</td>
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<td>Huska silt loam, 1 to 3 percent slopes</td>
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