

## Wood County, Texas

### WtD—Woodtall loam, 5 to 15 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tf3x

*Elevation:* 300 to 650 feet

*Mean annual precipitation:* 40 to 46 inches

*Mean annual air temperature:* 63 to 68 degrees F

*Frost-free period:* 230 to 270 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Woodtall and similar soils:* 90 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Woodtall

##### Setting

*Landform:* Interfluves

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear

*Across-slope shape:* Convex

*Parent material:* Clayey marine deposits

##### Typical profile

*A - 0 to 3 inches:* loam

*E - 3 to 7 inches:* loam

*Bt - 7 to 17 inches:* clay

*Btss - 17 to 57 inches:* clay

*Cd - 57 to 80 inches:* clay

##### Properties and qualities

*Slope:* 5 to 15 percent

*Depth to restrictive feature:* 54 to 57 inches to densic bedrock

*Drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.1 to 1.0 mmhos/cm)

*Available water supply, 0 to 60 inches:* Moderate (about 8.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* C  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

### **Minor Components**

#### **Wolfpen**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY006TX - Northern Sandy Loam Upland  
*Hydric soil rating:* No

#### **Cuthbert**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F133BY003TX - Loamy Over Clayey Upland  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Wood County, Texas  
Survey Area Data: Version 20, Aug 24, 2022