Wood County, Texas

WtD—Woodtell 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

Woodtell and similar soils: 90 percent Minor components: 10 percent

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

Description of Woodtell

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

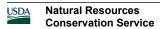
Maximum salinity: Nonsaline (0.1 to 1.0 mmhos/cm)

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