

Wood County, Texas

WtC—Woodtall loam, 2 to 5 percent slopes

Map Unit Setting

National map unit symbol: 2wssv

Elevation: 290 to 680 feet

Mean annual precipitation: 41 to 48 inches

Mean annual air temperature: 63 to 65 degrees F

Frost-free period: 231 to 248 days

Farmland classification: Not prime farmland

Map Unit Composition

Woodtall and similar soils: 85 percent

Minor components: 15 percent

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

Description of Woodtall

Setting

Landform: Ridges

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Interfluve

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Stratified loamy residuum weathered from sandstone and shale and/or stratified clayey residuum weathered from sandstone and shale

Typical profile

A - 0 to 7 inches: loam

Btss - 7 to 26 inches: clay

BC - 26 to 54 inches: clay loam

C - 54 to 72 inches: clay

Properties and qualities

Slope: 2 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: D
Ecological site: R087BY002TX - Claypan Savannah
Hydric soil rating: No

Minor Components

Freestone

Percent of map unit: 10 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Convex
Ecological site: R087BY003TX - Sandy Loam
Hydric soil rating: No

Wolfpen

Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R087BY004TX - Sandy
Hydric soil rating: No

Data Source Information

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