

Walker County, Texas

22—Gunter association, undulating

Map Unit Setting

National map unit symbol: mbb3

Elevation: 150 to 400 feet

Mean annual precipitation: 40 to 60 inches

Mean annual air temperature: 66 to 70 degrees F

Frost-free period: 250 to 300 days

Farmland classification: Not prime farmland

Map Unit Composition

Gunter and similar soils: 67 percent

Minor components: 33 percent

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

Description of Gunter

Setting

Landform: Interfluves

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Sandy marine deposits and/or loamy marine deposits

Typical profile

H1 - 0 to 48 inches: loamy sand

H2 - 48 to 60 inches: loamy sand

H3 - 60 to 75 inches: sandy loam

H4 - 75 to 80 inches: sandy clay loam

Properties and qualities

Slope: 1 to 8 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high (0.20 to 0.57 in/hr)

Depth to water table: About 42 to 60 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Low (about 5.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3s

Hydrologic Soil Group: A

Ecological site: Loamy Upland (F133BY005TX)

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 33 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Walker County, Texas

Survey Area Data: Version 12, Sep 19, 2016