

Camp, Franklin, Morris, and Titus Counties, Texas

Na—Nahatche loam silty clay loam, frequently flooded

Map Unit Setting

Elevation: 100 to 400 feet

Mean annual precipitation: 40 to 52 inches

Mean annual air temperature: 64 to 70 degrees F

Frost-free period: 235 to 270 days

Map Unit Composition

Nahatche and similar soils: 80 percent

Minor components: 20 percent

Description of Nahatche

Setting

Landform: Flood plains

Down-slope shape: Concave

Across-slope shape: Linear

Parent material: Loamy alluvium

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 2 percent

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 10.0

Available water capacity: High (about 9.1 inches)

Interpretive groups

Land capability (nonirrigated): 5w

Typical profile

0 to 6 inches: Loam

6 to 11 inches: Loam

11 to 80 inches: Stratified loam to silty clay loam

Minor Components

Unnamed, minor components

Percent of map unit: 20 percent

Data Source Information

Soil Survey Area: Camp, Franklin, Morris, and Titus Counties, Texas

Survey Area Data: Version 7, Oct 27, 2009