

## Wood County, Texas

### Ma—Manco loam, frequently flooded

#### Map Unit Setting

*National map unit symbol:* mbfn  
*Elevation:* 150 to 300 feet  
*Mean annual precipitation:* 40 to 48 inches  
*Mean annual air temperature:* 64 to 66 degrees F  
*Frost-free period:* 240 to 270 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Manco and similar soils:* 70 percent  
*Minor components:* 30 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Manco

##### Setting

*Landform:* Flood plains  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium

##### Typical profile

*H1 - 0 to 4 inches:* loam  
*H2 - 4 to 80 inches:* clay loam

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat poorly drained  
*Runoff class:* High  
*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 12 to 18 inches  
*Frequency of flooding:* NoneFrequent  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 4.0  
*Available water supply, 0 to 60 inches:* High (about 10.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* B/D  
*Ecological site:* F133BY017TX - Loamy Bottomland  
*Hydric soil rating:* Yes

## Minor Components

### Estes

*Percent of map unit:* 10 percent  
*Landform:* Flood plains  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Ecological site:* F133BY018TX - Clayey Bottomland  
*Hydric soil rating:* Yes

### Gladewater

*Percent of map unit:* 10 percent  
*Landform:* Flood plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Concave  
*Ecological site:* R087BY008TX - Clayey Bottomland  
*Hydric soil rating:* Yes

### Hainesville

*Percent of map unit:* 5 percent  
*Landform:* Stream terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F133BY011TX - Deep Sandy Terrace  
*Hydric soil rating:* No

### Iulus

*Percent of map unit:* 5 percent  
*Landform:* Flood plains  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Concave  
*Ecological site:* F133BY014TX - Creek Bottomland  
*Hydric soil rating:* No

## Data Source Information

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