

## Larimer County Area, Colorado

### 103—Stoneham loam, 5 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* jptw

*Elevation:* 4,800 to 5,600 feet

*Mean annual precipitation:* 13 to 15 inches

*Mean annual air temperature:* 48 to 50 degrees F

*Frost-free period:* 135 to 150 days

*Farmland classification:* Farmland of local importance

#### Map Unit Composition

*Stoneham and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Stoneham

##### Setting

*Landform:* Benches, terraces

*Landform position (three-dimensional):* Side slope, tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 3 inches:* loam

*H2 - 3 to 9 inches:* clay loam, sandy clay loam, loam

*H2 - 3 to 9 inches:* loam, clay loam, sandy clay loam

*H2 - 3 to 9 inches:*

*H3 - 9 to 60 inches:*

*H3 - 9 to 60 inches:*

*H3 - 9 to 60 inches:*

##### Properties and qualities

*Slope:* 5 to 9 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Well drained

*Runoff class:* Medium

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

Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 15 percent

*Salinity, maximum in profile:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water storage in profile:* Very high (about 27.7 inches)

**Interpretive groups**

*Land capability classification (irrigated): 6e*  
*Land capability classification (nonirrigated): 6e*  
*Hydrologic Soil Group: B*  
*Ecological site: Loamy Plains (R067XY002CO)*  
*Hydric soil rating: No*

**Minor Components**

**Kim**

*Percent of map unit: 8 percent*  
*Hydric soil rating: No*

**Larimer**

*Percent of map unit: 5 percent*  
*Hydric soil rating: No*

**Fort collins**

*Percent of map unit: 2 percent*  
*Hydric soil rating: No*

**Data Source Information**

Soil Survey Area: Larimer County Area, Colorado  
Survey Area Data: Version 11, Sep 23, 2016