

## Elbert County, Colorado, Eastern Part

### StC2—Stoneham complex, 1 to 5 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 3665  
*Elevation:* 4,000 to 6,500 feet  
*Mean annual precipitation:* 12 to 16 inches  
*Mean annual air temperature:* 48 to 52 degrees F  
*Frost-free period:* 130 to 170 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Stoneham, eroded, and similar soils:* 75 percent  
*Minor components:* 25 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Stoneham, Eroded

##### Setting

*Landform:* Hills, plains  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium and/or eolian deposits

##### Typical profile

*A - 0 to 4 inches:* sandy loam  
*Bt - 4 to 12 inches:* loam  
*Bk - 12 to 40 inches:* loam  
*C - 40 to 60 inches:* sandy loam

##### Properties and qualities

*Slope:* 1 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Low  
*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:* Moderate (about 8.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* B

*Ecological site:* Sandy Plains LRU's A & B (R069XY026CO)  
*Hydric soil rating:* No

#### **Minor Components**

##### **Ascalon**

*Percent of map unit:* 13 percent  
*Hydric soil rating:* No

##### **Platner**

*Percent of map unit:* 12 percent  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Elbert County, Colorado, Eastern Part  
Survey Area Data: Version 13, Sep 23, 2016