

## Elbert County, Colorado, Eastern Part

### SnE—Stoneham sandy loam, 5 to 18 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3664

*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 and similar soils:* 80 percent

*Minor components:* 20 percent

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

#### Description of Stoneham

##### Setting

*Landform:* Hills

*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:* 5 to 18 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:* Moderate (about 8.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B

*Ecological site:* Sandy Plains (R069XY026CO)

**Minor Components**

**Ascalon**

*Percent of map unit:* 10 percent

**Other soils**

*Percent of map unit:* 5 percent

**Gravelly land**

*Percent of map unit:* 5 percent

**Data Source Information**

Soil Survey Area: Elbert County, Colorado, Eastern Part

Survey Area Data: Version 11, Sep 29, 2014