

## Weld County, Colorado, Northern Part

### 18—Bushman fine sandy loam, 3 to 9 percent slopes

#### Map Unit Setting

*Elevation:* 5,000 to 6,000 feet  
*Mean annual precipitation:* 11 to 15 inches  
*Mean annual air temperature:* 45 to 46 degrees F  
*Frost-free period:* 130 to 160 days

#### Map Unit Composition

*Bushman and similar soils:* 90 percent  
*Minor components:* 10 percent

#### Description of Bushman

##### Setting

*Landform:* Fans, alluvial fans  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous loamy alluvium and/or colluvium

##### Properties and qualities

*Slope:* 3 to 9 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High (2.00 to 6.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)  
*Available water capacity:* Moderate (about 8.4 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland  
*Land capability classification (irrigated):* 4e  
*Land capability (nonirrigated):* 6e  
*Hydrologic Soil Group:* B  
*Ecological site:* Sandy Plains (R067BY024CO)

##### Typical profile

*0 to 6 inches:* Fine sandy loam  
*6 to 60 inches:* Sandy loam

#### Minor Components

##### Wages

*Percent of map unit:* 6 percent

**Cushman**

*Percent of map unit: 4 percent*

**Data Source Information**

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 8, Apr 30, 2009