

## Yuma County, Colorado

### 43—Valent sand, 1 to 9 percent slopes

#### Map Unit Setting

*Elevation:* 3,900 to 6,800 feet

*Mean annual precipitation:* 12 to 17 inches

*Mean annual air temperature:* 48 to 52 degrees F

*Frost-free period:* 145 to 160 days

#### Map Unit Composition

*Valent and similar soils:* 80 percent

*Minor components:* 20 percent

#### Description of Valent

##### Setting

*Landform:* Hills

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Eolian sands

##### Properties and qualities

*Slope:* 1 to 9 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Excessively drained

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water capacity:* Low (about 4.2 inches)

##### Interpretive groups

*Farmland classification:* Not prime farmland

*Land capability classification (irrigated):* 4e

*Land capability (nonirrigated):* 6e

*Hydrologic Soil Group:* A

*Ecological site:* Deep Sands (R072XY016CO)

##### Typical profile

*0 to 4 inches:* Sand

*4 to 60 inches:* Sand

#### Minor Components

##### Dailey

*Percent of map unit:* 10 percent

**Haxtun**

*Percent of map unit:* 10 percent

**Data Source Information**

Soil Survey Area: Yuma County, Colorado  
Survey Area Data: Version 14, Dec 23, 2013