

Map Unit Description

Yuma County, Colorado

44 Valent sand, 9 to 15 percent slopes

Setting

Elevation: 3900 to 6800 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 145 to 160 days

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: 9 to 15 percent
Drainage class: Excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High or very high (5.95 to 19.98 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.2 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6e
Ecological site: Deep Sands (R072XY016CO)

Typical Profile

0 to 4 inches: sand
4 to 60 inches: sand

Minor Components

Dailey

Percent of map unit: 15 percent

Blowouts

Percent of map unit: 5 percent