

Map Unit Description

El Paso County Area, Colorado

102 Valent sand, 1 to 9 percent slopes

Setting

Landscape: Uplands
Elevation: 5100 to 5600 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

Valent and similar soils: 85 percent

Description of Valent

Setting

Landform: Hills, flats
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian sands

Properties and Qualities

Slope: 1 to 9 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): 4e
Land capability (non irrigated): 6e
Ecological site: Deep Sand (R069XY019CO)
Other vegetative classification: DEEP SANDS (069BY016CO)

Typical Profile

0 to 6 inches: sand
6 to 60 inches: sand

Other soils

Percent of map unit: percent

Pleasant

Percent of map unit: percent
Landform: Depressions