

Washington County, Colorado

70—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: 85 percent
Minor components: 15 percent

Description of Valent

Setting

Landform: Hills, ridges
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 8 inches: Sand
8 to 60 inches: Fine sand

Minor Components

Julesburg

Percent of map unit: 7 percent

Vona

Percent of map unit: 5 percent

Haxtun

Percent of map unit: 3 percent

Data Source Information

Soil Survey Area: Washington County, Colorado

Survey Area Data: Version 13, Feb 23, 2010