

Fremont County Area, Colorado

5—Arents, 10 to 45 percent slopes

Map Unit Setting

Elevation: 5,500 to 6,100 feet

Mean annual precipitation: 12 to 14 inches

Mean annual air temperature: 50 to 52 degrees F

Frost-free period: 130 to 150 days

Map Unit Composition

Arents and similar soils: 100 percent

Description of Arents

Setting

Landform: Hills

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Coil-mining spoil and/or overburden material

Typical profile

C1 - 0 to 11 inches: slightly acid, channery loam

C2 - 11 to 60 inches: slightly acid, channery sandy clay loam

Properties and qualities

Slope: 10 to 45 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)

Available water storage in profile: Low (about 5.8 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Data Source Information

Soil Survey Area: Fremont County Area, Colorado

Survey Area Data: Version 12, Dec 23, 2013