

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

4—Arvada loam, 6 to 20 percent slopes

Map Unit Setting

Elevation: 5,100 to 6,200 feet

Map Unit Composition

Arvada and similar soils: 85 percent

Description of Arvada

Setting

Landform: Terraces, fans

Landform position (three-dimensional): Tread

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Highly saline alluvium derived from sandstone and shale

Properties and qualities

Slope: 6 to 20 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Gypsum, maximum content: 2 percent

Maximum salinity: Very slightly saline to moderately saline (4.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 30.0

Available water capacity: Moderate (about 8.0 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): 7s

Land capability (nonirrigated): 7s

Hydrologic Soil Group: C

Typical profile

0 to 3 inches: Loam

3 to 17 inches: Silty clay loam

17 to 60 inches: Silty clay loam

Data Source Information

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties
Survey Area Data: Version 7, Dec 23, 2013