

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

52—Parachute loam, 25 to 65 percent slopes

Map Unit Setting

National map unit symbol: jnyn

Elevation: 7,500 to 8,700 feet

Farmland classification: Not prime farmland

Map Unit Composition

Parachute and similar soils: 85 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Parachute

Setting

Landform: Mountainsides

Landform position (three-dimensional): Mountainflank

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Residuum weathered from sandstone

Typical profile

H1 - 0 to 5 inches: loam

H2 - 5 to 18 inches: loam

H3 - 18 to 29 inches: extremely channery loam

H4 - 29 to 33 inches: unweathered bedrock

Properties and qualities

Slope: 25 to 65 percent

Depth to restrictive feature: 20 to 40 inches to paralithic bedrock

Natural drainage class: Well drained

Runoff class: High

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

Available water storage in profile: Low (about 3.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: C

Ecological site: Brushy Loam (R048AY238CO)

Data Source Information

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties
Survey Area Data: Version 9, Sep 22, 2015