

Map Unit Description

Rio Blanco County Area, Colorado

70 Redcreek-Rentsac complex, 5 to 30 percent slopes

Setting

Elevation: 6000 to 7400 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Redcreek and similar soils: 60 percent
Rentsac and similar soils: 30 percent

Description of Redcreek

Setting

Landform: Ridges, mountainsides
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits and/or residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 30 percent
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Typical Profile

0 to 11 inches: sandy loam
11 to 16 inches: channery sandy loam
16 to 20 inches: unweathered bedrock

Description of Rentsac

Setting

Landform: Mountainsides
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian deposits and/or residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 30 percent
Depth to restrictive feature: 10 to 20 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 1.2 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Typical Profile

0 to 5 inches: channery loam
5 to 16 inches: extremely channery loam, extremely gravelly sandy loam, very flaggy loam
16 to 20 inches: unweathered bedrock