

Map Unit Description

Rio Blanco County Area, Colorado

73 Rentsac channery loam, 5 to 50 percent slopes

Setting

Landscape: Foothills
 Elevation: 6000 to 7600 feet
 Mean annual precipitation: 14 to 18 inches
 Mean annual air temperature: 42 to 45 degrees F
 Frost-free period: 80 to 105 days

Composition

Rentsac and similar soils: 80 percent

Description of Rentsac

Setting

Landform: Ridges
 Down-slope shape: Convex, linear
 Across-slope shape: Convex, linear
 Parent material: Residuum weathered from calcareous sandstone

Properties and Qualities

Slope: 5 to 50 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

Map Unit Description

Rio Blanco County Area, Colorado

104 Yamac loam, 2 to 15 percent slopes

Setting

Landscape: Uplands
 Elevation: 5800 to 7100 feet
 Mean annual precipitation: 13 to 16 inches
 Mean annual air temperature: 40 to 45 degrees F
 Frost-free period: 80 to 105 days

Composition

Yamac and similar soils: 85 percent

Description of Yamac

Setting

Landform: Fans, terraces
 Down-slope shape: Linear
 Across-slope shape: Linear
 Parent material: Alluvium and/or eolian deposits

Properties and Qualities

Slope: 2 to 15 percent
 Drainage class: Well drained
 Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
 Frequency of flooding: None
 Frequency of ponding: None
 Calcium carbonate maximum: 15 percent
 Gypsum maximum: 1 percent
 Sodium adsorption ratio maximum: 5.0
 Available water capacity: High (about 9.7 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
 Land capability (non irrigated): 4e
 Ecological site: Rolling Loam (R048AY298CO)

Typical Profile

0 to 4 inches: loam
 4 to 22 inches: loam, clay loam, silt loam
 22 to 60 inches: loam, clay loam, silt loam