

Map Unit Description

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

77 Yamo, moist-Redcreek complex, 3 to 25 percent slopes

Setting

Elevation: 6300 to 7100 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 40 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Yamo, moist, and similar soils: 55 percent
Redcreek and similar soils: 35 percent

Description of Yamo, moist

Setting

Landform: Mountains
Landform position (two-dimensional): Shoulder, summit
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Mixed source residuum

Properties and Qualities

Slope: 3 to 25 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 8.8 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Deep Loam (R048AY292CO)

Typical Profile

0 to 5 inches: sandy clay loam
5 to 16 inches: sandy clay loam
16 to 40 inches: sandy clay loam
40 to 60 inches: sandy loam

Description of Redcreek

Setting

Landform: Mountains
Landform position (two-dimensional): Shoulder, summit
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Residuum weathered from calcareous sandstone

Properties and Qualities

Slope: 3 to 25 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 1.8 inches)

Interpretive Groups

Land capability (non irrigated): 6c
Ecological site: Pinus edulis-Juniperus osteosp (F048AY448CO)

Typical Profile

0 to 4 inches: sandy loam

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4 to 11 inches: sandy loam

11 to 16 inches: channery sandy loam

16 to 20 inches: unweathered bedrock