

Map Unit Description

Rio Blanco County Area, Colorado

6 Barcus channery loamy sand, 2 to 8 percent slopes

Setting

Elevation: 5800 to 6800 feet
Mean annual precipitation: 14 to 16 Inches
Mean annual air temperature: 42 to 44 degrees F
Frost-free period: 80 to 105 days

Composition

Barcus and similar soils: 85 percent

Description of Barcus

Setting

Landform: Valleys, alluvial fans
Down-slope shape: Concave, linear
Across-slope shape: Linear
Parent material: Calcareous alluvium derived from sandstone and shale

Properties and Qualities

Slope: 2 to 8 percent
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High or very high (6.00 to 20.00 in/hr)
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.6 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6e
Ecological site: Foothill Swale (R048AY285CO)

Typical Profile

0 to 6 inches: channery loamy sand
6 to 16 inches: channery sand
16 to 60 inches: sr to very channery sand to very channery loamy fine sand