

Map Unit Description

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

3 Barx loam, 3 to 12 percent slopes

Setting

Elevation: 5000 to 6400 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 110 to 150 days

Composition

Barx and similar soils: 85 percent

Description of Barx

Setting

Landform: Structural benches
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed material eolian deposits

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 25 percent
Gypsum maximum: 0 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio maximum: 5.0
Available water capacity: High (about 9.9 inches)

Interpretive Groups

Land capability (non irrigated): 4c
Ecological site: Rolling Loam (R034XY298CO)

Typical Profile

0 to 3 inches: loam
3 to 14 inches: clay loam
14 to 40 inches: loam
40 to 60 inches: loam