

Map Unit Description

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

29 Debeque very channery loam, 5 to 20 percent slopes

Setting

Elevation: 5800 to 7500 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 40 to 45 degrees F
Frost-free period: 85 to 110 days

Composition

Debeque and similar soils: 85 percent

Description of Debeque

Setting

Landform: Stream terraces, alluvial fans, drainageways, mountains
Landform position (two-dimensional): Toeslope
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear
Parent material: Green river shale formation alluvium and/or green river shale formation colluvium

Properties and Qualities

Slope: 5 to 20 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 6.00 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 2.7 inches)

Interpretive Groups

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

Typical Profile

0 to 4 inches: very channery loam
4 to 7 inches: very channery sandy loam
7 to 60 inches: extremely channery sandy loam