

Map Unit Description

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

5 Battlement loam, 1 to 8 percent slopes

Setting

Elevation: 5800 to 7200 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 42 to 46 degrees F
Frost-free period: 80 to 105 days

Composition

Battlement and similar soils: 90 percent

Description of Battlement

Setting

Landform: Valley floors, streams, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Rock alluvium derived from sedimentary rock

Properties and Qualities

Slope: 1 to 8 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 1.98 in/hr)
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 2 percent
Available water capacity: High (about 10.6 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Foothill Swale (R034XY285CO)

Typical Profile

0 to 6 inches: loam
6 to 45 inches: stratified sandy loam to silty clay loam
45 to 60 inches: stratified sandy loam to loam