

Map Unit Description

Paonia Area, Colorado, Parts of Delta, Gunnison, and Montrose Counties

74 Torriorthents-Haplargids complex, very stony

Setting

Elevation: 4500 to 7000 feet
Mean annual precipitation: 7 to 13 inches
Mean annual air temperature: 48 to 54 degrees F
Frost-free period: 80 to 180 days

Composition

Torriorthents and similar soils: 55 percent
Haplargids and similar soils: 40 percent

Description of Torriorthents

Setting

Landform: Valleys, fans
Down-slope shape: Concave, linear
Across-slope shape: Linear
Parent material: Locally transported stony residuum

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability (non irrigated): 7s

Typical Profile

0 to 4 inches: very stony sandy loam
4 to 31 inches: very stony loam
31 to 60 inches: very stony sandy loam

Description of Haplargids

Setting

Landform: Fans, valleys
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Locally transported stony residuum

Properties and Qualities

Slope: 6 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 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: Low (about 3.5 inches)

Interpretive Groups

Land capability (non irrigated): 7s

Typical Profile

0 to 4 inches: very stony loam
4 to 14 inches: very stony loam
14 to 60 inches: extremely stony loam