

Map Unit Description

La Plata County Area, Colorado

37 Herm loam, 6 to 25 percent slopes

Setting

Elevation: 7000 to 8500 feet
Mean annual precipitation: 16 to 25 inches
Mean annual air temperature: 40 to 42 degrees F
Frost-free period: 90 to 115 days

Composition

Herm and similar soils: 80 percent

Description of Herm

Setting

Landform: Valleys, mountain slopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from shale

Properties and Qualities

Slope: 6 to 25 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.0 inches)

Interpretive Groups

Land capability (non irrigated): 6e

Typical Profile

0 to 7 inches: loam
7 to 34 inches: clay loam, clay
34 to 60 inches: clay loam