

Map Unit Description

La Plata County Area, Colorado

76 Witt loam, 3 to 8 percent slopes

Setting

Elevation: 6200 to 7500 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 110 to 130 days

Composition

Witt and similar soils: 90 percent

Description of Witt

Setting

Landform: Mesas
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous silty loess

Properties and Qualities

Slope: 3 to 8 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
Available water capacity: High (about 11.4 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Other vegetative classification: Loamy Foothill (048AY284CO)

Typical Profile

0 to 10 inches: loam
10 to 34 inches: clay loam, silty clay loam, loam
34 to 60 inches: loam, silt loam