

Map Unit Description

Fremont County Area, Colorado

128 Wiley loam, cool, 2 to 6 percent slopes

Setting

Elevation: 5800 to 6200 feet
Mean annual precipitation: 13 to 16 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 155 days

Composition

Wiley, cool, and similar soils: 90 percent

Description of Wiley, cool

Setting

Landform: Fan terraces, hills
Landform position (two-dimensional): Footslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Properties and Qualities

Slope: 2 to 6 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 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: High (about 10.5 inches)

Interpretive Groups

Land capability (non irrigated): 4c
Ecological site: Loamy Foothill (R049BY202CO)

Typical Profile

0 to 4 inches: loam
4 to 21 inches: silty clay loam
21 to 40 inches: silt loam
40 to 60 inches: loam

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Percent of map unit: percent