

Map Unit Description

Fremont County Area, Colorado

50 Kim loam, cool, 3 to 8 percent slopes

Setting

Elevation: 5300 to 6100 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 51 degrees F
Frost-free period: 125 to 155 days

Composition

Kim, cool, and similar soils: 95 percent

Description of Kim, cool

Setting

Landform: Fan terraces, fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium and/or eolian deposits

Properties and Qualities

Slope: 3 to 8 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 9.0 inches)

Interpretive Groups

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

Typical Profile

0 to 3 inches: loam
3 to 60 inches: loam, fine sandy loam

Cascajo

Percent of map unit: percent