

Map Unit Description

Moffat County Area, Colorado

77 Forelle loam, 3 to 12 percent slopes

Setting

Elevation: 6200 to 7200 feet
Mean annual precipitation: 11 to 13 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Forelle and similar soils: 85 percent

Description of Forelle

Setting

Landform: Structural benches
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess and in alluvium derived from shale and sandstone

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 (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Sodium adsorption ratio maximum: 5.0
Available water capacity: High (about 9.9 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Rolling Loam (R034XY298CO)

Typical Profile

0 to 5 inches: loam
5 to 23 inches: clay loam
23 to 51 inches: loam
51 to 60 inches: sandy loam