

Map Unit Description

Moffat County Area, Colorado

99 Hesperus fine sandy loam, dry, 2 to 15 percent slopes

Setting

Elevation: 6500 to 7000 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 40 to 43 degrees F
Frost-free period: 65 to 85 days

Composition

Hesperus, dry, and similar soils: 85 percent

Description of Hesperus, dry

Setting

Landform: Hills, plateaus
Landform position (two-dimensional): Footslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess and in alluvium derived from sandstone and shale

Properties and Qualities

Slope: 2 to 15 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 11.1 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Mountain Loam (R034XY228CO)

Typical Profile

0 to 5 inches: fine sandy loam
5 to 20 inches: loam
20 to 52 inches: clay loam
52 to 60 inches: clay loam