

Map Unit Description

Moffat County Area, Colorado

107 Ironsprings-Maysprings-Gretdivid complex, 10 to 20 percent slopes

Setting

Elevation: 6800 to 7300 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 42 to 45 degrees F
Frost-free period: 75 to 95 days

Composition

Ironsprings and similar soils: 40 percent
Maysprings and similar soils: 25 percent
Gretdivid and similar soils: 15 percent

Description of Ironsprings

Setting

Landform: Hillslopes
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Colluvium derived from sandstone

Properties and Qualities

Slope: 10 to 20 percent
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.9 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Land (R034XY330CO)

Typical Profile

0 to 14 inches: loamy coarse sand
14 to 40 inches: coarse sandy loam
40 to 60 inches: loamy coarse sand

Description of Maysprings

Setting

Landform: Hills, hillslopes
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 10 to 20 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: 2 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.6 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Land (R034XY330CO)

Typical Profile

0 to 3 inches: loamy coarse sand
3 to 26 inches: sandy clay loam
26 to 36 inches: coarse sandy loam

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36 to 60 inches: coarse sand

Description of Gretdivid

Setting

Landform: Hillslopes, hills
Landform position (two-dimensional): Summit
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum derived from sandstone

Properties and Qualities

Slope: 10 to 20 percent
Drainage class: Somewhat excessively 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: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.4 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Sandy Land (R034XY330CO)

Typical Profile

0 to 3 inches: loamy coarse sand
3 to 7 inches: sandy clay loam
7 to 60 inches: coarse sand