

Moffat County Area, Colorado

105—Ironsprings loamy sand, 1 to 15 percent slopes

Map Unit Setting

Elevation: 6,200 to 7,300 feet

Mean annual precipitation: 13 to 15 inches

Mean annual air temperature: 42 to 45 degrees F

Frost-free period: 75 to 95 days

Map Unit Composition

Ironsprings and similar soils: 85 percent

Description of Ironsprings

Setting

Landform: Hillslopes, alluvial fans

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Alluvium derived from sandstone

Typical profile

H1 - 0 to 14 inches: neutral, loamy sand

H2 - 14 to 40 inches: neutral, sandy loam

H3 - 40 to 60 inches: neutral, loamy sand

Properties and qualities

Slope: 1 to 15 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat excessively drained

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Low (about 5.0 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Sandy Foothills (R034XY310CO)

Data Source Information

Soil Survey Area: Moffat County Area, Colorado

Survey Area Data: Version 7, Dec 23, 2013