

## 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