

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

48—Northwater loam, 15 to 65 percent slopes

Map Unit Setting

National map unit symbol: jnyh

Elevation: 7,600 to 8,400 feet

Farmland classification: Not prime farmland

Map Unit Composition

Northwater and similar soils: 85 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Northwater

Setting

Landform: Mountainsides

Landform position (three-dimensional): Mountainflank

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Residuum weathered from sedimentary rock

Typical profile

H1 - 0 to 25 inches: loam

H2 - 25 to 50 inches: very channery clay loam

H3 - 50 to 54 inches: unweathered bedrock

Properties and qualities

Slope: 15 to 65 percent

Depth to restrictive feature: 40 to 60 inches to lithic bedrock

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat):

Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Moderate (about 6.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: C

Hydric soil rating: No

Data Source Information

Soil Survey Area: Rifle Area, Colorado, Parts of Garfield and Mesa Counties

Survey Area Data: Version 10, Oct 12, 2017