

Rio Blanco County Area, Colorado

36—Glendive fine sandy loam

Map Unit Setting

National map unit symbol: jp4t

Elevation: 5,800 to 7,200 feet

Mean annual precipitation: 14 to 17 inches

Mean annual air temperature: 42 to 45 degrees F

Frost-free period: 80 to 105 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Glendive and similar soils: 85 percent

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

Description of Glendive

Setting

Landform: Valley floors, drainageways

Down-slope shape: Linear, concave

Across-slope shape: Linear

Parent material: Alluvium

Typical profile

H1 - 0 to 6 inches: fine sandy loam

H2 - 6 to 60 inches: loam, silt loam, sandy loam

H2 - 6 to 60 inches:

H2 - 6 to 60 inches:

Properties and qualities

Slope: 2 to 4 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

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

Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 10 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)

Available water storage in profile: Very high (about 28.3 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: Foothill swale (R048AY285CO)

Data Source Information

Soil Survey Area: Rio Blanco County Area, Colorado
Survey Area Data: Version 10, Sep 22, 2014