

Lincoln County, Colorado

175—Rago silt loam, 0 to 2 percent slopes, rarely flooded

Map Unit Setting

National map unit symbol: 3jjc

Elevation: 4,400 to 6,000 feet

Mean annual precipitation: 14 to 16 inches

Mean annual air temperature: 46 to 52 degrees F

Frost-free period: 135 to 155 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Rago, rarely flooded, and similar soils: 90 percent

Minor components: 10 percent

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

Description of Rago, Rarely Flooded

Setting

Landform: Flood plains

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey alluvium

Typical profile

Ap - 0 to 10 inches: silt loam

Btkb - 10 to 47 inches: silty clay

Bk - 47 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 2 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 low to moderately high (0.06 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Rare

Frequency of ponding: None

Calcium carbonate, maximum in profile: 15 percent

Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: High (about 10.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3c

Hydrologic Soil Group: C

Ecological site: Overflow (R067BY036CO)

Minor Components

Pleasant

Percent of map unit: 5 percent

Landform: Depressions

Ecological site: Plains swale (R067XY010CO)

Keith

Percent of map unit: 5 percent

Landform: Plains

Ecological site: Loamy plains (R067BY002CO)

Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 12, Sep 23, 2014