

Lincoln County, Colorado

134—Haverson loam, 0 to 3 percent slopes, rarely flooded

Map Unit Setting

National map unit symbol: 3jh1
Elevation: 4,400 to 6,000 feet
Mean annual precipitation: 11 to 16 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 155 days
Farmland classification: Not prime farmland

Map Unit Composition

Haverson, rarely flooded, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Haverson, Rarely Flooded

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Typical profile

A1 - 0 to 5 inches: loam
A2 - 5 to 15 inches: clay loam
C - 15 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 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 (0.20 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
Gypsum, maximum in profile: 2 percent
Salinity, maximum in profile: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 5.0
Available water storage in profile: High (about 9.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C

Ecological site: Overflow (R067BY036CO)

Minor Components

Bankard

Percent of map unit: 5 percent

Landform: Flood plains

Other vegetative classification: Sandy Bottomland (67XY031CO)

Glenberg

Percent of map unit: 5 percent

Landform: Flood plains

Other vegetative classification: Sandy Bottomland (67XY031CO)

Arvada

Percent of map unit: 3 percent

Landform: Drainageways, fans

Other vegetative classification: Salt Flat (069AY033CO_1)

Sampson

Percent of map unit: 2 percent

Landform: Flood plains

Ecological site: Overflow Central/South - Draft (R067XY036CO)

Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 12, Sep 23, 2014