

Lincoln County, Colorado

101—Apishapa clay loam, 0 to 3 percent slopes, rarely ponded

Map Unit Setting

National map unit symbol: 3j84
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

Apishapa, rarely ponded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Apishapa, Rarely Ponded

Setting

Landform: Depressions
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alkaline clayey alluvium

Typical profile

Ap - 0 to 8 inches: clay loam
C - 8 to 60 inches: silty clay

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Negligible
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: About 0 inches
Frequency of flooding: None
Frequency of ponding: Rare
Calcium carbonate, maximum content: 15 percent
Gypsum, maximum content: 5 percent
Maximum salinity: Nonsaline to moderately saline (0.0 to 8.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 10.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: C/D
Ecological site: R067BY010CO - Closed Upland Depression

Hydric soil rating: Yes

Minor Components

Rago

Percent of map unit: 5 percent

Landform: Flood plains

Ecological site: R067BY036CO - Overflow

Hydric soil rating: No

Satanta

Percent of map unit: 5 percent

Landform: Terraces

Landform position (three-dimensional): Tread

Ecological site: R067BY002CO - Loamy Plains

Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 21, Sep 1, 2022