

Adams County Area, Parts of Adams and Denver Counties, Colorado

Lu—Loamy alluvial land

Map Unit Setting

National map unit symbol: 34w3
Elevation: 4,000 to 6,000 feet
Mean annual precipitation: 12 to 14 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 135 to 165 days
Farmland classification: Not prime farmland

Map Unit Composition

Loamy alluvial land: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Loamy Alluvial Land

Setting

Landform: Drainageways
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from mixed

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: stratified loam to clay loam

Properties and qualities

Slope: 0 to 3 percent
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high to high (0.20 to 2.00 in/hr)
Frequency of flooding: Occasional
Calcium carbonate, maximum in profile: 15 percent
Gypsum, maximum in profile: 1 percent
Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Available water storage in profile: High (about 10.6 inches)

Interpretive groups

Land capability classification (irrigated): 2w
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: B
Ecological site: Overflow (R067BY036CO)
Hydric soil rating: No

Minor Components

Satanta

Percent of map unit: 10 percent

Landform: Paleoterraces

Hydric soil rating: No

Nunn

Percent of map unit: 10 percent

Hydric soil rating: No

Loveland

Percent of map unit: 5 percent

Landform: Terraces

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Adams County Area, Parts of Adams and Denver Counties, Colorado

Survey Area Data: Version 14, Oct 5, 2017