

## Arapahoe County, Colorado

### Lv—Loamy alluvial land

#### Map Unit Setting

*National map unit symbol:* 34yt

*Elevation:* 4,000 to 6,000 feet

*Mean annual precipitation:* 11 to 15 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:* 85 percent

*Minor components:* 15 percent

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

#### Description of Loamy Alluvial Land

##### Setting

*Landform:* Flood plains, drainageways, streams

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loamy alluvium

##### Typical profile

*H1 - 0 to 6 inches:* loam

*H2 - 6 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 very slightly saline (0.0 to 4.0 mmhos/cm)

*Available water storage in profile:* High (about 10.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2w

*Land capability classification (nonirrigated):* 6w

*Hydrologic Soil Group:* B

*Ecological site:* Overflow (R067BY036CO)

#### Minor Components

##### Nunn

*Percent of map unit:* 10 percent

**Satanta**

*Percent of map unit:* 5 percent

*Landform:* Paleoterraces

**Data Source Information**

Soil Survey Area: Arapahoe County, Colorado

Survey Area Data: Version 9, Dec 24, 2013