

## Larimer County Area, Colorado

### 84—Poudre fine sandy loam, 0 to 1 percent slope

#### Map Unit Setting

*National map unit symbol:* jpy0

*Elevation:* 4,800 to 5,600 feet

*Mean annual precipitation:* 13 to 15 inches

*Mean annual air temperature:* 48 to 50 degrees F

*Frost-free period:* 135 to 150 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Poudre and similar soils:* 85 percent

*Minor components:* 15 percent

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

#### Description of Poudre

##### Setting

*Landform:* Flood plains, stream terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium

##### Typical profile

*H1 - 0 to 10 inches:* fine sandy loam

*H2 - 10 to 60 inches:* fine sandy loam, loam, sandy loam

*H2 - 10 to 60 inches:*

*H2 - 10 to 60 inches:*

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Natural drainage class:* Somewhat poorly drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* About 12 to 36 inches

*Frequency of flooding:* Occasional

*Frequency of ponding:* None

*Calcium carbonate, maximum in profile:* 4 percent

*Salinity, maximum in profile:* Nonsaline to slightly saline (0.0 to 4.0  
mmhos/cm)

*Sodium adsorption ratio, maximum in profile:* 10.0

*Available water storage in profile:* Very high (about 22.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4w

*Land capability classification (nonirrigated):* 5w

*Hydrologic Soil Group: B*  
*Hydric soil rating: No*

**Minor Components**

**Loveland**

*Percent of map unit: 7 percent*  
*Hydric soil rating: No*

**Paoli**

*Percent of map unit: 5 percent*  
*Hydric soil rating: No*

**Caruso**

*Percent of map unit: 3 percent*  
*Hydric soil rating: No*

**Data Source Information**

Soil Survey Area: Larimer County Area, Colorado  
Survey Area Data: Version 13, Sep 10, 2018