

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

### AdB—Arvada loam, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 34vj  
*Elevation:* 4,400 to 5,600 feet  
*Mean annual precipitation:* 12 to 14 inches  
*Mean annual air temperature:* 48 to 54 degrees F  
*Frost-free period:* 125 to 155 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Arvada and similar soils:* 80 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Arvada

##### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from mixed

##### Typical profile

*H1 - 0 to 2 inches:* loam  
*H2 - 2 to 4 inches:* sandy loam  
*H3 - 4 to 15 inches:* clay  
*H4 - 15 to 28 inches:* sandy clay  
*H5 - 28 to 60 inches:* sandy 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 low to moderately high (0.06 to 0.20 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum in profile:* 15 percent  
*Gypsum, maximum in profile:* 5 percent  
*Salinity, maximum in profile:* Moderately saline to strongly saline  
(8.0 to 16.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 30.0  
*Available water storage in profile:* Moderate (about 6.9 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* C

*Ecological site:* Salt Flat (R067XY033CO)

*Hydric soil rating:* No

**Minor Components**

**Nunn**

*Percent of map unit:* 20 percent

*Hydric soil rating:* No

**Data Source Information**

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

Survey Area Data: Version 14, Oct 5, 2017