

## Weld County, Colorado, Southern Part

### 40—Nunn loam, 1 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tln2  
*Elevation:* 3,900 to 6,250 feet  
*Mean annual precipitation:* 13 to 16 inches  
*Mean annual air temperature:* 46 to 54 degrees F  
*Frost-free period:* 135 to 160 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Nunn and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Nunn

##### Setting

*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from igneous, metamorphic and sedimentary rock and/or eolian deposits

##### Typical profile

*Ap - 0 to 6 inches:* loam  
*Bt1 - 6 to 10 inches:* clay loam  
*Bt2 - 10 to 26 inches:* clay loam  
*Btk - 26 to 31 inches:* clay loam  
*Bk1 - 31 to 47 inches:* loam  
*Bk2 - 47 to 80 inches:* loam

##### Properties and qualities

*Slope:* 1 to 3 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*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:* 7 percent  
*Salinity, maximum in profile:* Nonsaline (0.1 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum in profile:* 0.5  
*Available water storage in profile:* High (about 9.2 inches)

### **Interpretive groups**

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 4e  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy plains (R067BY002CO)

### **Minor Components**

#### **Wages**

*Percent of map unit:* 8 percent  
*Landform:* Terraces, alluvial fans  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* Loamy plains (R067BY002CO)

#### **Fort collins**

*Percent of map unit:* 5 percent  
*Landform:* Terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* Loamy plains (R067BY002CO)

#### **Haverson, very rarely flooded**

*Percent of map unit:* 2 percent  
*Landform:* Terraces, alluvial fans, drainageways  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear, concave  
*Ecological site:* Overflow (R067BY036CO)

## **Data Source Information**

Soil Survey Area: Weld County, Colorado, Southern Part  
Survey Area Data: Version 13, Sep 23, 2014