

Piedra Area, Colorado, Parts of Archuleta, Hinsdale, La Plata, Mineral, and Rio Grande Counties

36D—Nunn loam, 4 to 25 percent slopes

Map Unit Setting

National map unit symbol: jt7h
Elevation: 6,000 to 7,000 feet
Mean annual precipitation: 15 to 22 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 100 to 130 days
Farmland classification: Not prime farmland

Map Unit Composition

Nunn and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Nunn

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium derived from sandstone and shale

Typical profile

A1 - 0 to 5 inches: loam
A2 - 5 to 10 inches: clay loam
Bt1 - 10 to 19 inches: clay loam
Bt2 - 19 to 25 inches: clay
C - 25 to 60 inches: clay

Properties and qualities

Slope: 4 to 25 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat):
Moderately low to moderately high (0.07 to 0.21 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Available water storage in profile: High (about 10.5 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: C

Ecological site: Loamy Foothill (R048AY202CO)

Hydric soil rating: No

Minor Components

Heflin

Percent of map unit: 5 percent

Hydric soil rating: No

Other soils

Percent of map unit: 5 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Piedra Area, Colorado, Parts of Archuleta, Hinsdale, La Plata, Mineral, and Rio Grande Counties

Survey Area Data: Version 3, Oct 13, 2017