

Weld County, Colorado, Northern Part

65—Terry sandy loam, 3 to 9 percent slopes

Map Unit Setting

National map unit symbol: 360p

Elevation: 4,000 to 6,500 feet

Mean annual precipitation: 13 to 15 inches

Mean annual air temperature: 46 to 48 degrees F

Frost-free period: 120 to 180 days

Farmland classification: Not prime farmland

Map Unit Composition

Terry and similar soils: 85 percent

Minor components: 15 percent

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

Description of Terry

Setting

Landform: Plains

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous sandy residuum weathered from sandstone

Typical profile

H1 - 0 to 5 inches: sandy loam

H2 - 5 to 17 inches: fine sandy loam, sandy loam

H2 - 5 to 17 inches: fine sandy loam, sandy loam, gravelly sandy loam

H3 - 17 to 32 inches: weathered bedrock

H3 - 17 to 32 inches:

H3 - 17 to 32 inches:

H4 - 32 to 36 inches:

Properties and qualities

Slope: 3 to 9 percent

Depth to restrictive feature: 20 to 40 inches to paralithic bedrock

Natural drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat):

Moderately low to high (0.06 to 2.00 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

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B

Ecological site: Sandy Plains (R067BY024CO)

Hydric soil rating: No

Minor Components

Tassel

Percent of map unit: 5 percent

Hydric soil rating: No

Olney

Percent of map unit: 4 percent

Hydric soil rating: No

Renohill

Percent of map unit: 3 percent

Hydric soil rating: No

Vona

Percent of map unit: 3 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Weld County, Colorado, Northern Part

Survey Area Data: Version 12, Oct 10, 2017