

Arapahoe County, Colorado

TrE—Truckton loamy sand, 5 to 20 percent slopes

Map Unit Setting

National map unit symbol: 34zp

Elevation: 4,500 to 6,500 feet

Mean annual precipitation: 12 to 18 inches

Mean annual air temperature: 46 to 52 degrees F

Frost-free period: 125 to 180 days

Farmland classification: Not prime farmland

Map Unit Composition

Truckton and similar soils: 80 percent

Minor components: 20 percent

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

Description of Truckton

Setting

Landform: Drainageways, gullies

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sand loamy eolian sands and/or loam sandy eolian sands

Typical profile

H1 - 0 to 5 inches: loamy sand

H2 - 5 to 27 inches: sandy loam

H3 - 27 to 60 inches: sandy loam, loamy sand, loamy coarse sand

H3 - 27 to 60 inches:

H3 - 27 to 60 inches:

Properties and qualities

Slope: 5 to 20 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): High (1.98 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: A

Ecological site: Sandy Foothill (R049BY210CO)

Minor Components

Blakeland

Percent of map unit: 13 percent

Bresser

Percent of map unit: 5 percent

Samsil

Percent of map unit: 2 percent

Data Source Information

Soil Survey Area: Arapahoe County, Colorado

Survey Area Data: Version 10, Sep 23, 2014