

Baca County, Colorado

Tn—Tivoli sand

Map Unit Setting

National map unit symbol: 3516

Elevation: 4,400 to 6,000 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 46 to 52 degrees F

Frost-free period: 135 to 155 days

Farmland classification: Not prime farmland

Map Unit Composition

Tivoli and similar soils: 85 percent

Minor components: 15 percent

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

Description of Tivoli

Setting

Landform: Dunes, hummocks

Landform position (three-dimensional): Head slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Eolian deposits

Typical profile

A - 0 to 6 inches: sand

C - 6 to 60 inches: loamy sand

Properties and qualities

Slope: 1 to 9 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Excessively drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): 4e

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: A

Ecological site: Deep Sand (R067BY015CO)

Other vegetative classification: DEEP SANDS (067XY015CO_2)

Hydric soil rating: No

Minor Components

Otero

Percent of map unit: 5 percent

Hydric soil rating: No

Vona

Percent of map unit: 5 percent

Hydric soil rating: No

Vona, eroded

Percent of map unit: 5 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Baca County, Colorado

Survey Area Data: Version 15, Sep 10, 2018