

## 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