

# Map Unit Description

Baca County, Colorado

**Tn Tivoli sand**

## Setting

Elevation: 4400 to 6000 feet  
Mean annual precipitation: 10 to 16 inches  
Mean annual air temperature: 46 to 52 degrees F  
Frost-free period: 135 to 155 days

## Composition

Tivoli and similar soils: 85 percent  
Minor components: 15 percent

## Description of Tivoli

### Setting

Landform: Dunes, hummocks  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian deposits

### Properties and Qualities

Slope: 1 to 9 percent  
Drainage class: Excessively drained  
Capacity of the most limiting layer to transmit water (Ksat): High or very high (5.95 to 19.98 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 4.7 inches)

### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 6e  
Ecological site: Deep Sand (R067BY015CO)  
Other vegetative classification: DEEP SANDS (067XY015CO\_2)

### Typical Profile

0 to 6 inches: sand  
6 to 60 inches: loamy sand

## Minor Components

### Otero soils

Percent of map unit: 5 percent

### Vona soils

Percent of map unit: 5 percent

### Vona, eroded soils

Percent of map unit: 5 percent