

## Map Unit Description

Yuma County, Colorado

### 22 Julesburg loamy sand, 0 to 3 percent slopes

#### Setting

Elevation: 4100 to 4800 feet  
Mean annual precipitation: 15 to 19 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 155 days

#### Composition

Julesburg and similar soils: 75 percent  
Minor components: 25 percent

#### Description of Julesburg

##### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

##### Properties and Qualities

Slope: 0 to 3 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Moderate (about 6.4 inches)

##### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 4e  
Ecological site: Deep Sands (R072XY016CO)

##### Typical Profile

0 to 11 inches: loamy sand  
11 to 34 inches: sandy loam  
34 to 60 inches: sand

#### Minor Components

##### Haxtun

Percent of map unit: 13 percent

##### Dailey

Percent of map unit: 12 percent

Rangeland Productivity and Plant Composition

Yuma County, Colorado

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		Lb/Ac	Lb/Ac	Lb/Ac		Pct
22: Julesburg	Deep Sands	2,500	2,000	1,500	Prairie sandreed Switchgrass Sand bluestem Little bluestem Needleandthread Sand dropseed Sand sagebrush Yellow Indiangrass	30 20 15 5 5 5 5 5

## Map Unit Description

Yuma County, Colorado

### 23 Julesburg loamy sand, 3 to 7 percent slopes

#### Setting

Elevation: 4100 to 4800 feet  
Mean annual precipitation: 15 to 19 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 145 to 155 days

#### Composition

Julesburg and similar soils: 60 percent  
Minor components: 40 percent

#### Description of Julesburg

##### Setting

Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Eolian sands

##### Properties and Qualities

Slope: 3 to 7 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 5.8 inches)

##### Interpretive Groups

Land capability classification (irrigated): 4e  
Land capability (non irrigated): 6e  
Ecological site: Deep Sands (R072XY016CO)

##### Typical Profile

0 to 11 inches: loamy sand  
11 to 19 inches: sandy loam  
19 to 60 inches: sand

#### Minor Components

##### Manter

Percent of map unit: 28 percent

##### Dailey

Percent of map unit: 12 percent

# Rangeland Productivity and Plant Composition

Yuma County, Colorado

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		Lb/Ac	Lb/Ac	Lb/Ac		Pct
23: Julesburg	Deep Sands	2,500	2,000	1,500	Prairie sandreed Switchgrass Sand bluestem Little bluestem Needleandthread Sand dropseed Sand sagebrush Yellow Indiangrass	30 20 15 5 5 5 5 5