

Map Unit Description

Yuma County, Colorado

13 Dailey loamy sand

Setting

Elevation: 3000 to 4500 feet
Mean annual precipitation: 15 to 19 inches
Mean annual air temperature: 46 to 55 degrees F
Frost-free period: 120 to 150 days

Composition

Dailey and similar soils: 95 percent
Minor components: 5 percent

Description of Dailey

Setting

Landform: Valleys, hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian sands

Properties and Qualities

Slope: 0 to 6 percent
Drainage class: Somewhat 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: 2 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 4.2 inches)

Interpretive Groups

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

Typical Profile

0 to 12 inches: loamy sand
12 to 60 inches: loamy sand

Minor Components

Haxtun

Percent of map unit: 5 percent

Map Unit Description

Yuma County, Colorado

21 Inavale loamy sand

Setting

Elevation: 3500 to 4200 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 50 to 52 degrees F
Frost-free period: 130 to 140 days

Composition

Inavale and similar soils: 80 percent
Minor components: 20 percent

Description of Inavale

Setting

Landform: Flood plains, hills, swales
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Eolian sands

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.2 inches)

Interpretive Groups

Land capability classification (irrigated): 4s
Land capability (non irrigated): 4s
Ecological site: Sandy Meadow (R072XY029CO)

Typical Profile

0 to 7 inches: loamy sand
7 to 11 inches: fine sandy loam
11 to 16 inches: loamy sand
16 to 52 inches: loamy fine sand
52 to 60 inches: sandy clay loam

Minor Components

Laird

Percent of map unit: 10 percent

Other soils

Percent of map unit: 8 percent

Aquic haplustolls

Percent of map unit: 2 percent
Landform: Depressions