

Map Unit Description

Yuma County, Colorado

35 Platner loam

Setting

Elevation: 3500 to 4200 feet
Mean annual precipitation: 17 to 19 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 140 to 165 days

Composition

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

Description of Platner

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess over old alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.2 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 3e
Ecological site: Loamy Plains (R072XY001CO)

Typical Profile

0 to 6 inches: loam
6 to 16 inches: clay loam
16 to 36 inches: sandy clay loam
36 to 50 inches: gravelly sandy loam
50 to 60 inches: gravelly sand

Minor Components

Ascalon

Percent of map unit: 14 percent

Rago

Percent of map unit: 5 percent

Aquic haplustolls

Percent of map unit: 1 percent
Landform: Depressions

Map Unit Description

Yuma County, Colorado

1 Albinas loam

Setting

Elevation: 3500 to 4200 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 130 to 150 days

Composition

Albinas and similar soils: 90 percent
Minor components: 10 percent

Description of Albinas

Setting

Landform: Stream terraces, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent, mixed source alluvium

Properties and Qualities

Slope: 0 to 2 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.3 inches)

Interpretive Groups

Land capability classification (irrigated): 2w
Land capability (non irrigated): 2w
Ecological site: Loamy Plains (R072XY001CO)

Typical Profile

0 to 6 inches: loam
6 to 31 inches: clay loam
31 to 60 inches: loam

Minor Components

Haxtun

Percent of map unit: 5 percent

Paoli

Percent of map unit: 5 percent