

Map Unit Description

Yuma County, Colorado

36 Platte fine sandy loam

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 150 days

Composition

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

Description of Platte

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous sandy alluvium

Properties and Qualities

Slope: 0 to 2 percent
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: About 24 to 72 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.3 inches)

Interpretive Groups

Land capability (non irrigated): 6w
Ecological site: Sandy Meadow (R072XY029CO)

Typical Profile

0 to 6 inches: fine sandy loam
6 to 13 inches: fine sand
13 to 60 inches: gravelly coarse sand

Minor Components

Bankard

Percent of map unit: 9 percent

Las animas, frequently flooded

Percent of map unit: 1 percent
Landform: Terraces