

## Yolo County, California

### Sc—Sacramento clay

#### Map Unit Setting

*Elevation:* -10 to 60 feet

*Mean annual precipitation:* 17 inches

*Mean annual air temperature:* 61 degrees F

*Frost-free period:* 275 days

#### Map Unit Composition

*Sacramento and similar soils:* 85 percent

*Minor components:* 15 percent

#### Description of Sacramento

##### Setting

*Landform:* Basin floors

*Landform position (two-dimensional):* Toeslope

*Landform position (three-dimensional):* Talf

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Mixed clayey alluvium

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Poorly drained

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately low to moderately high (0.06 to 0.20 in/hr)

*Depth to water table:* About 36 to 60 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 5.0

*Available water capacity:* Moderate (about 7.1 inches)

##### Interpretive groups

*Farmland classification:* Prime farmland if irrigated and drained

*Land capability classification (irrigated):* 2w

*Land capability (nonirrigated):* 4w

*Hydrologic Soil Group:* D

##### Typical profile

*0 to 16 inches:* Clay

*16 to 53 inches:* Clay

*53 to 60 inches:* Clay

#### Minor Components

##### Sycamore

*Percent of map unit:* 3 percent

*Landform:* Alluvial fans

**Clear lake**

*Percent of map unit:* 3 percent

*Landform:* Basin floors

**Merritt**

*Percent of map unit:* 3 percent

*Landform:* Alluvial fans

**Omni**

*Percent of map unit:* 3 percent

*Landform:* Basin floors

**Willows**

*Percent of map unit:* 3 percent

*Landform:* Basin floors

## Data Source Information

Soil Survey Area: Yolo County, California

Survey Area Data: Version 7, Dec 12, 2007