

# Map Unit Description

Sedgwick County, Colorado

## Sc Scott silt loam

### Setting

Elevation: 3200 to 4600 feet  
Mean annual precipitation: 14 to 18 inches  
Mean annual air temperature: 48 to 52 degrees F  
Frost-free period: 130 to 160 days

### Composition

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

### Description of Scott

#### Setting

Landform: Depressions, flood plains, potholes  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Silt loam over clay silty

#### Properties and Qualities

Slope: 0 to 1 percent  
Drainage class: Poorly drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)  
Depth to water table: About 0 to 0 inches  
Frequency of flooding: None  
Frequency of ponding: Frequent  
Calcium carbonate maximum: 2 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 10.4 inches)

#### Interpretive Groups

Land capability (non irrigated): 7w  
Ecological site: Plains Swale (R072XY010CO)

#### Typical Profile

0 to 11 inches: silt loam  
11 to 17 inches: silt loam  
17 to 42 inches: silty clay  
42 to 60 inches: silty clay loam

### Minor Components

#### Other soils

Percent of map unit: 25 percent