

# Map Unit Description

Morgan County, Colorado

## **SsC Stoneham loam, shallow, 3 to 5 percent slopes**

### **Setting**

Landscape: Uplands  
Elevation: 3500 to 4500 feet  
Mean annual precipitation: 12 to 16 inches  
Mean annual air temperature: 50 to 54 degrees F  
Frost-free period: 130 to 170 days

### **Composition**

Stoneham and similar soils: 85 percent  
Minor components: 15 percent

### **Description of Stoneham**

#### **Setting**

Down-slope shape: Convex  
Across-slope shape: Convex  
Parent material: Calcareous loamy outwash

#### **Properties and Qualities**

Slope: 3 to 5 percent  
Depth to restrictive feature: 20 to 40 inches to Paralithic bedrock  
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: 15 percent  
Gypsum maximum: 0 percent  
Available water capacity: Low (about 4.4 inches)

#### **Interpretive Groups**

Land capability (non irrigated): 4e  
Ecological site: Loamy Plains (R067BY002CO)

#### **Typical Profile**

0 to 3 inches: loam  
3 to 10 inches: loam  
10 to 15 inches: fine sandy loam  
15 to 28 inches: very fine sandy loam  
28 to 32 inches: weathered bedrock

### **Minor Components**

#### **Terry**

Percent of map unit: 10 percent

#### **Kim**

Percent of map unit: 5 percent