

Map Unit Description

Kiowa County, Colorado

33 Stoneham loam, 0 to 3 percent slopes

Setting

Elevation: 4000 to 6500 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 130 to 170 days

Composition

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

Description of Stoneham

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy eolian deposits

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.6 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 3e
Ecological site: Loamy Plains (R069XY006CO)
Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Typical Profile

0 to 4 inches: loam
4 to 8 inches: clay loam
8 to 26 inches: clay loam
26 to 64 inches: gravelly sandy loam

Minor Components

Other soils

Percent of map unit: 15 percent