

Map Unit Description

Larimer County Area, Colorado

62 Larimer-Stoneham complex, 3 to 10 percent slopes

Setting

Elevation: 4800 to 5800 feet
Mean annual precipitation: 13 to 15 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 135 to 150 days

Composition

Larimer and similar soils: 35 percent
Stoneham and similar soils: 25 percent
Minor components: 39 percent

Description of Larimer

Setting

Landform: Benches, fans, terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 5 to 10 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.4 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067XY002CO)

Typical Profile

0 to 7 inches: fine sandy loam
7 to 22 inches: loam
22 to 30 inches: gravelly sandy clay loam, gravelly loam, sandy clay loam
30 to 60 inches: very gravelly sand, very cobbly sand, very gravelly loamy sand

Description of Stoneham

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian deposits

Properties and Qualities

Slope: 3 to 5 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 6.9 inches)

Interpretive Groups

Land capability classification (irrigated): 4e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R067XY002CO)

Typical Profile

0 to 4 inches: loam
4 to 10 inches: clay loam, sandy clay loam, loam

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10 to 14 inches: loam, clay loam, sandy clay loam
14 to 60 inches: sandy loam, gravelly sandy loam

Minor Components

Cushman

Percent of map unit: 19 percent

Fort collins

Percent of map unit: 8 percent

Larim

Percent of map unit: 7 percent

Satanta

Percent of map unit: 5 percent