

Map Unit Description

Larimer County Area, Colorado

64 Loveland clay loam, 0 to 1 percent slopes

Setting

Elevation: 4800 to 5500 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

Loveland and similar soils: 90 percent
Minor components: 10 percent

Description of Loveland

Setting

Landform: Flood plains, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 1 percent
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)
Available water capacity: Moderate (about 7.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3w
Land capability (non irrigated): 3w

Typical Profile

0 to 15 inches: clay loam
15 to 32 inches: clay loam, silty clay loam, loam
32 to 60 inches: very gravelly sand, gravelly sand, gravelly coarse sand

Minor Components

Poudre

Percent of map unit: 5 percent

Aquolls

Percent of map unit: 5 percent
Landform: Swales