

Map Unit Description

Larimer County Area, Colorado

115 Weld silt loam, 0 to 3 percent slopes

Setting

Landscape: Uplands
Elevation: 4800 to 5600 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

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

Description of Weld

Setting

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Uniform-textured silty 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 low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 6 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 9.8 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 3e
Ecological site: Loamy Plains (R067XY002CO)

Typical Profile

0 to 7 inches: silt loam
7 to 20 inches: silty clay loam, silty clay, clay
20 to 30 inches: silt loam, loam, silty clay loam
30 to 60 inches: silt loam, loam, sandy loam

Minor Components

Wiley

Percent of map unit: 8 percent

Colby

Percent of map unit: 2 percent