

Map Unit Description

Arapahoe County, Colorado

WeB Weld silt loam, 0 to 3 percent slopes

Setting

Landscape: Uplands
Elevation: 3600 to 5700 feet
Mean annual precipitation: 13 to 17 inches
Mean annual air temperature: 46 to 55 degrees F
Frost-free period: 100 to 155 days

Composition

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

Description of Weld

Setting

Landform: Hills, depressions
Landform position (two-dimensional): Footslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: 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 9.7 inches)

Interpretive Groups

Land capability (non irrigated): 3c
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 5 inches: silt loam
5 to 14 inches: silty clay loam, silty clay, clay
14 to 26 inches: silt loam, loam, silty clay loam
26 to 60 inches: silt loam, loam, sandy loam

Minor Components

Colby

Percent of map unit: 4 percent

Deertrail

Percent of map unit: 4 percent

Adena

Percent of map unit: 2 percent