

Map Unit Description

Lincoln County, Colorado

121 Colby silt loam, 3 to 12 percent slopes

Setting

Elevation: 4400 to 6000 feet
Mean annual precipitation: 11 to 16 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

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

Description of Colby

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 3 to 12 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: High (about 10.8 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Loamy Slopes (R067BY008CO)

Typical Profile

0 to 5 inches: silt loam
5 to 60 inches: silt loam

Minor Components

Keith soils

Percent of map unit: 5 percent
Landform: Hills
Ecological site: Loamy Plains (R067BY002CO)
Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Kimst soils

Percent of map unit: 3 percent
Landform: Hills
Ecological site: Loamy Plains (R067BY002CO)
Other vegetative classification: LOAMY PLAINS (067XY002CO_1)

Apishapa, rarely ponded soils

Percent of map unit: 3 percent
Landform: Depressions
Ecological site: Plains Swale (R067XY010CO)

Karval soils

Percent of map unit: 3 percent
Landform: Hills
Other vegetative classification: GRAVEL BREAKS (067XY063CO_1)

Rock outcrop

Percent of map unit: 1 percent
Landform: Scarps