

Map Unit Description

Lincoln County, Colorado

144 Kimst 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

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

Description of Kimst

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Properties and Qualities

Slope: 3 to 12 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 5 inches: loam
5 to 60 inches: sandy clay loam

Minor Components

Apishapa, rarely ponded soils

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

Arvada soils

Percent of map unit: 3 percent
Landform: Fans, drainageways
Other vegetative classification: Salt Flat (069AY033CO_1)

Vona soils

Percent of map unit: 2 percent
Landform: Hills
Other vegetative classification: SANDY PLAINS (067XY024CO_1)

Karval soils

Percent of map unit: 2 percent
Landform: Hills
Other vegetative classification: GRAVEL BREAKS (067XY063CO_1)

Map Unit Description

Lincoln County, Colorado

215 Wiley silt loam, 0 to 3 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

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

Description of Wiley

Setting

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

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 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): 3e
Ecological site: Loamy Plains (R067BY002CO)

Typical Profile

0 to 4 inches: silt loam
4 to 23 inches: silty clay loam
23 to 60 inches: silt loam

Minor Components

Pleasant soils

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

Colby soils

Percent of map unit: 3 percent
Landform: Plains
Other vegetative classification: Loamy Plains (067XY002)

Karval soils

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

Arvada soils

Percent of map unit: 3 percent
Landform: Fans, drainageways
Other vegetative classification: Salt Flat (069AY033CO_1)

Vona soils

Percent of map unit: 3 percent
Landform: Hills
Other vegetative classification: SANDY PLAINS (067XY024CO_1)