

Map Unit Description

Lincoln County, Colorado

150 Manzanst clay loam, 1 to 5 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

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

Description of Manzanst

Setting

Landform: Drainageways, fans
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 1 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Low or moderately low (0.00 to 0.06 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 5 percent
Sodium adsorption ratio maximum: 10.0
Available water capacity: High (about 10.9 inches)

Interpretive Groups

Land capability (non irrigated): 3e
Ecological site: Alkaline Plains (R067BY047CO)

Typical Profile

0 to 8 inches: clay loam
8 to 18 inches: clay loam
18 to 40 inches: silty clay loam
40 to 60 inches: silty clay loam

Minor Components

Pleasant soils

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

Razor soils

Percent of map unit: 3 percent
Landform: Hills
Other vegetative classification: CLAYEY PLAINS (067XY042CO_1)

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)

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