

Map Unit Description

Lincoln County, Colorado

130 Fort loam, 3 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

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

Description of Fort

Setting

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

Properties and Qualities

Slope: 3 to 5 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
Sodium adsorption ratio maximum: 15.0
Available water capacity: High (about 10.5 inches)

Interpretive Groups

Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R069XY006CO)

Typical Profile

0 to 2 inches: loam
2 to 5 inches: sandy loam
5 to 34 inches: clay loam
34 to 60 inches: silty clay loam

Minor Components

Apishapa soils

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

Wild soils

Percent of map unit: 3 percent
Landform: Plains
Ecological site: loamy plains (R069XY002CO)

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)

Oterody soils

Percent of map unit: 3 percent
Landform: Hills
Other vegetative classification: Sandy Plains (069XY026CO_1)