

Map Unit Description

Lincoln County, Colorado

112 Bankard-Glenberg complex, 0 to 3 percent slopes, occasionally flooded

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

Bankard, occasionally flooded, and similar soils: 55 percent
Glenberg, occasionally flooded, and similar soils: 30 percent
Minor components: 15 percent

Description of Bankard, occasionally flooded

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High or very high (6.00 to 19.99 in/hr)
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 3.6 inches)

Interpretive Groups

Land capability (non irrigated): 6s
Ecological site: Sandy Bottomland (R067BY031CO)

Typical Profile

0 to 5 inches: loamy sand
5 to 60 inches: loamy sand

Description of Glenberg, occasionally flooded

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate maximum: 5 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.9 inches)

Interpretive Groups

Land capability (non irrigated): 3e
Ecological site: Sandy Bottomland (R067BY031CO)

Typical Profile

0 to 3 inches: fine sandy loam
3 to 32 inches: fine sandy loam
32 to 60 inches: loamy sand

Minor Components

Map Unit Description

Lincoln County, Colorado

Haverson soils

Percent of map unit: 4 percent

Landform: Flood plains

Ecological site: Overflow Central/South - Draft (R067XY036CO)

Karval soils

Percent of map unit: 4 percent

Landform: Hills

Other vegetative classification: GRAVEL BREAKS (067XY063CO_1)

Seldom soils

Percent of map unit: 3 percent

Landform: Flood plains

Other vegetative classification: Salt Meadow (069XY030CO_1)

Orsa soils

Percent of map unit: 3 percent

Landform: Flood plains

Gravel pits

Percent of map unit: 1 percent

Map Unit Description

Lincoln County, Colorado

134 Haverson loam, 0 to 3 percent slopes, rarely flooded

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

Haverson, rarely flooded, and similar soils: 85 percent
Minor components: 15 percent

Description of Haverson, rarely flooded

Setting

Landform: Flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

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: Rare
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 2 percent
Salinity maximum: Very slightly saline or slightly saline (4.0 to 8.0 mmhos/cm)
Sodium adsorption ratio maximum: 5.0
Available water capacity: High (about 9.8 inches)

Interpretive Groups

Land capability (non irrigated): 3e
Ecological site: Overflow (R067BY036CO)

Typical Profile

0 to 5 inches: loam
5 to 15 inches: clay loam
15 to 60 inches: clay loam

Minor Components

Bankard soils

Percent of map unit: 5 percent
Landform: Flood plains
Other vegetative classification: Sandy Bottomland (67XY031CO)

Glenberg soils

Percent of map unit: 5 percent
Landform: Flood plains
Other vegetative classification: Sandy Bottomland (67XY031CO)

Arvada soils

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

Sampson soils

Percent of map unit: 2 percent
Landform: Flood plains
Ecological site: Overflow Central/South - Draft (R067XY036CO)