

POPPLES K26-79-1HC
PEAKS K26-78-1HN
PEAKS K26-77-1HN

Map Unit Description

Weld County, Colorado, Southern Part

4 Aquolls and Aquepts, flooded

Setting

Elevation: 3600 to 4700 feet
Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 50 to 55 degrees F
Frost-free period: 100 to 165 days

T 4N - R 66W

SECTION 35

N1W N1W

Composition

Aquolls and similar soils: 55 percent
Aquepts, flooded, and similar soils: 25 percent
Minor components: 20 percent

Description of Aquolls

Setting

Landform: Drainageways, plains, depressions
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 to 6.00 in/hr)
Depth to water table: About 6 to 36 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Salinity maximum: Slightly saline or moderately saline (8.0 to 16.0 mmhos/cm)
Sodium adsorption ratio maximum: 5.0
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability classification (irrigated): 6w
Land capability (non irrigated): 6w
Ecological site: Salt Meadow (R067BY035CO)

Typical Profile

0 to 8 inches: variable
8 to 60 inches: stratified sandy loam to clay

Description of Aquepts, flooded

Setting

Landform: Stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or high (0.06 to 6.00 in/hr)
Depth to water table: About 6 to 36 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Salinity maximum: Slightly saline or moderately saline (8.0 to 16.0 mmhos/cm)
Sodium adsorption ratio maximum: 5.0
Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability classification (irrigated): 6w
Land capability (non irrigated): 6w

PEPPER K26-79-14C

PEAKS K26-78-14N

PEAKS K26-77-14N

Map Unit Description

Weld County, Colorado, Southern Part

T4N - R66W

SECTION 35

NW NW

Ecological site: Wet Meadow (R067BY038CO)

Typical Profile
0 to 8 inches: variable
8 to 60 inches: stratified sandy loam to clay

Minor Components

Thedalund
Percent of map unit: 10 percent

Haverson
Percent of map unit: 10 percent

30 Julesburg sandy loam, 1 to 3 percent slopes

Setting

Elevation: 4700 to 4800 feet
Mean annual precipitation: 15 to 19 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 145 to 155 days

Composition

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

Description of Julesburg

Setting
Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: South platte river alluvium

Properties and Qualities
Slope: 1 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: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 6.5 inches)

Interpretive Groups
Land capability classification (irrigated): 2e
Land capability (non irrigated): 3e
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile
0 to 12 inches: sandy loam
12 to 27 inches: sandy loam
27 to 60 inches: sand

Minor Components

Valent
Percent of map unit: 5 percent

Remmit
Percent of map unit: 5 percent