

STROM PC013-7944N
T4N - R67W - 6th PM
SECTION 13: SWSW
WELD COUNTY, CO

Map Unit Description

Weld County, Colorado, Southern Part

48 Olney fine sandy loam, 3 to 5 percent slopes

Setting

Elevation: 4600 to 5200 feet
Mean annual precipitation: 11 to 15 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 175 days

Composition

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

Description of Olney

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed deposit outwash

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.0 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4c
Ecological site: Sandy Plains (R067BY024CO)

Typical Profile

0 to 10 inches: fine sandy loam
10 to 20 inches: sandy clay loam
20 to 25 inches: sandy clay loam
25 to 60 inches: fine sandy loam

Minor Components

Zigweid

Percent of map unit: 9 percent

Vona

Percent of map unit: 6 percent

STROM PC0113-79HN
T4N - R67W - 6th PM
SECTION 13, SWSW
WELD COUNTY, CO

Map Unit Description

Weld County, Colorado, Southern Part

61 Tassel fine sandy loam, 5 to 20 percent slopes

Setting

Elevation: 4850 to 5200 feet
Mean annual precipitation: 12 to 19 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 110 to 165 days

Composition

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

Description of Tassel

Setting

Landform: Breaks
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from sandstone

Properties and Qualities

Slope: 5 to 20 percent
Depth to restrictive feature: 10 to 20 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Very low (about 2.0 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6e
Ecological site: Sandstone Breaks (R067BY056CO)

Typical Profile

0 to 11 inches: fine sandy loam
11 to 15 inches: very fine sandy loam
15 to 20 inches: weathered bedrock

Minor Components

Otero

Percent of map unit: 8 percent

Terry

Percent of map unit: 7 percent