

Map Unit Description

Weld County, Colorado, Northern Part

34 Manter sandy loam, 0 to 6 percent slopes

Setting

Elevation: 3500 to 5000 feet
Mean annual precipitation: 16 to 18 inches
Mean annual air temperature: 48 to 50 degrees F
Frost-free period: 130 to 170 days

Composition

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

Description of Manter

Setting

Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 6 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: 10 percent
Gypsum maximum: 0 percent
Available water capacity: Moderate (about 7.2 inches)

Interpretive Groups

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

Typical Profile

0 to 3 inches: sandy loam
3 to 28 inches: fine sandy loam, sandy loam
28 to 60 inches: loamy sand

Minor Components

Julesburg

Percent of map unit: 10 percent