

Map Unit Description

Weld County, Colorado, Southern Part

54 Paoli loam, 0 to 1 percent slopes

Setting

Elevation: 4700 to 5250 feet
Mean annual precipitation: 13 to 17 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 130 to 150 days

Composition

Paoli and similar soils: 95 percent
Minor components: 5 percent

Description of Paoli

Setting

Landform: Terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium

Properties and Qualities

Slope: 0 to 1 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.60 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 8.8 inches)

Interpretive Groups

Land capability classification (irrigated): 1
Land capability (non irrigated): 3c
Ecological site: Overflow (R067BY036CO)

Typical Profile

0 to 25 inches: loam
25 to 60 inches: fine sandy loam

Minor Components

Glenberg

Percent of map unit: 5 percent