

Map Unit Description

El Paso County Area, Colorado

30 Fort Collins loam, 0 to 3 percent slopes

Setting

Landscape: Uplands
Elevation: 5200 to 6500 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

Fort collins and similar soils: 85 percent

Description of Fort collins

Setting

Landform: Flats
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy 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 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: High (about 10.1 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 4e
Ecological site: Loamy Plains (R069XY006CO)
Other vegetative classification: LOAMY PLAINS (069AY006CO)

Typical Profile

0 to 9 inches: loam
9 to 16 inches: clay loam
16 to 21 inches: clay loam
21 to 60 inches: loam

Other soils

Percent of map unit: percent

Pleasant

Percent of map unit: percent
Landform: Depressions