

Map Unit Description

Kiowa County, Colorado

13 Fort Collins sandy loam, 0 to 3 percent slopes

Setting

Elevation: 4500 to 6500 feet
Mean annual precipitation: 12 to 15 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 130 to 170 days

Composition

Fort collins and similar soils: 85 percent
Minor components: 15 percent

Description of Fort collins

Setting

Landform: Swales, plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium and/or eolian deposits

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 9.9 inches)

Interpretive Groups

Land capability classification (irrigated): 2e
Land capability (non irrigated): 4e
Ecological site: Sandy Plains (R069XY026CO)
Other vegetative classification: SANDY PLAINS (067XY024CO_1)

Typical Profile

0 to 6 inches: sandy loam
6 to 14 inches: loam
14 to 60 inches: loam

Minor Components

Other soils

Percent of map unit: 15 percent