

Jackson County Area, Colorado

Fh—Fluetsch-Tiagos association

Map Unit Setting

Elevation: 8,000 to 9,000 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 36 to 39 degrees F
Frost-free period: 30 to 40 days

Map Unit Composition

Tiagos and similar soils: 45 percent
Fluetsch and similar soils: 45 percent

Description of Tiagos

Setting

Landform: Outwash terraces, valleys, terraces, alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 12 inches: neutral, fine sandy loam
H2 - 12 to 60 inches: neutral, fine sandy loam

Properties and qualities

Slope: 2 to 20 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.8 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: A
Ecological site: Dry Mountain Loam (R048AY231CO)

Description of Fluetsch

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear

Parent material: Calcareous alluvium derived from sandstone and shale

Typical profile

H1 - 0 to 10 inches: neutral, sandy loam

H2 - 10 to 30 inches: moderately alkaline, sandy clay loam

H3 - 30 to 60 inches: moderately alkaline, sandy loam

Properties and qualities

Slope: 2 to 15 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 10 percent

Available water storage in profile: Moderate (about 7.4 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 6c

Hydrologic Soil Group: B

Ecological site: Valley Bench (R048AY278CO)

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013