

Jackson County Area, Colorado

Fh—Fluetsch-Tiagos association

Map Unit Setting

National map unit symbol: jpzf
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
Farmland classification: Not prime farmland

Map Unit Composition

Fluetsch and similar soils: 45 percent
Tiagos and similar soils: 45 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

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: sandy loam
H2 - 10 to 30 inches: sandy clay loam
H3 - 30 to 60 inches: sandy loam

Properties and qualities

Slope: 2 to 15 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
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

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B
Ecological site: Valley Bench (R048AY278CO)
Hydric soil rating: No

Description of Tiagos

Setting

Landform: Alluvial fans, valleys, outwash terraces, terraces

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: fine sandy loam

H2 - 12 to 60 inches: fine sandy loam

Properties and qualities

Slope: 2 to 20 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

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

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 6c

Hydrologic Soil Group: A

Ecological site: Dry Mountain Loam (R048AY231CO)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 7, Sep 22, 2014

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Fluetsch	Valley Bench	1,000	750	500	Big sagebrush	30
					Streambank wheatgrass	10
					Pine needlegrass	10
					Prairie junegrass	10
					Muttongrass	10
					Blue grama	5
					Needleandthread	5
					Yellow rabbitbrush	5
					Bluebunch wheatgrass	5
					Bottlebrush squirreltail	5
					Buckwheat	3