

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

Properties and qualities

Slope: 2 to 20 percent
Depth to restrictive feature: More than 80 inches
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 capacity: Moderate (about 7.8 inches)

Interpretive groups

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

Typical profile

0 to 12 inches: Fine sandy loam
12 to 60 inches: Fine sandy loam

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

Properties and qualities

Slope: 2 to 15 percent

Depth to restrictive feature: More than 80 inches

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 content: 10 percent

Available water capacity: Moderate (about 7.4 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability classification (irrigated): 6e

Land capability (nonirrigated): 6c

Hydrologic Soil Group: B

Ecological site: Valley Bench (R048AY278CO)

Typical profile

0 to 10 inches: Sandy loam

10 to 30 inches: Sandy clay loam

30 to 60 inches: Sandy loam

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013

Tiagos	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Muttongrass	10
					Pine needlegrass	10
					Streambank wheatgrass	10
					Yellow rabbitbrush	10
					Sheep fescue	10
					Prairie junegrass	5
					Buckwheat	3
					Bluebunch wheatgrass	3
					Spiny phlox	2
					Bottlebrush squirreltail	2

Jackson County Area, Colorado

Te—Tealson-Rock land association

Map Unit Setting

Elevation: 7,900 to 8,500 feet
Mean annual precipitation: 11 to 14 inches
Mean annual air temperature: 35 to 37 degrees F
Frost-free period: 30 to 35 days

Map Unit Composition

Tealson and similar soils: 55 percent
Rock land: 20 percent

Description of Tealson

Setting

Landform: Ridges, hills
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Base slope, side slope, nose slope, head slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Weathered granite

Properties and qualities

Slope: 2 to 30 percent
Depth to restrictive feature: 10 to 20 inches to paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Very low (about 1.6 inches)

Interpretive groups

Farmland classification: Not prime farmland
Land capability (nonirrigated): 6c
Hydrologic Soil Group: D
Ecological site: Valley Bench (R048AY278CO)

Typical profile

0 to 10 inches: Sandy loam
10 to 16 inches: Channery sandy loam
16 to 20 inches: Weathered bedrock

Description of Rock Land

Setting

Landform: Hills
Landform position (two-dimensional): Summit

Landform position (three-dimensional): Base slope, side slope, nose slope, head slope

Down-slope shape: Linear

Across-slope shape: Linear

Properties and qualities

Slope: 2 to 30 percent

Depth to restrictive feature: 0 inches to lithic bedrock

Capacity of the most limiting layer to transmit water (Ksat): Very low
(0.00 to 0.00 in/hr)

Available water capacity: Very low (about 0.0 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 8s

Typical profile

0 to 60 inches: Unweathered bedrock

Data Source Information

Soil Survey Area: Jackson County Area, Colorado

Survey Area Data: Version 6, Dec 23, 2013

Te—Tealson-Rock land association						
Tealson	Valley Bench	1,000	750	500	Big sagebrush	30
					Pine needlegrass	10
					Streambank wheatgrass	10
					Muttongrass	10
					Prairie junegrass	10
					Bluebunch wheatgrass	5
					Yellow rabbitbrush	5
					Needleandthread	5
					Bottlebrush squirreltail	5
					Blue grama	5
					Buckwheat	3
					Miscellaneous annual forbs	2

Jackson County Area, Colorado

Bk—Blackwell loam

Map Unit Setting

Elevation: 7,900 to 8,800 feet
Mean annual precipitation: 10 to 20 inches
Mean annual air temperature: 35 to 38 degrees F
Frost-free period: 30 to 40 days

Map Unit Composition

Blackwell and similar soils: 90 percent
Minor components: 5 percent

Description of Blackwell

Setting

Landform: Flood plains, drainageways, streams, stream terraces
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly 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: About 6 to 18 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Available water capacity: Moderate (about 6.9 inches)

Interpretive groups

Farmland classification: Farmland of statewide importance
Land capability (nonirrigated): 5w
Hydrologic Soil Group: B/D
Ecological site: Mountain Meadow (R048AY241CO)

Typical profile

0 to 13 inches: Loam
13 to 21 inches: Sandy clay loam
21 to 46 inches: Gravelly loam
46 to 60 inches: Very gravelly sand

Minor Components

Dobrow

Percent of map unit: 5 percent

Landform: Flood plains

Data Source Information

Soil Survey Area: Jackson County Area, Colorado
Survey Area Data: Version 6, Dec 23, 2013

Bk—Blackwell loam						
Blackwell	Mountain Meadow	4,000	3,000	2,500	Nebraska sedge	20
					Miscellaneous perennial forbs	15
					Miscellaneous perennial grasses	10
					Smallwing sedge	10
					Willow	10
					Redtop	5
					Slender wheatgrass	5
					Slender cinquefoil	5
					Miscellaneous shrubs	5
					Mountain brome	5
					Tufted hairgrass	5
					Baltic rush	5