

Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

56—Parachute-Irigul-Rhone association, 25 to 50 percent slopes

Map Unit Setting

Elevation: 7,600 to 8,800 feet

Mean annual precipitation: 18 to 22 inches

Mean annual air temperature: 36 to 40 degrees F

Frost-free period: 65 to 80 days

Map Unit Composition

Parachute and similar soils: 35 percent

Irigul and similar soils: 30 percent

Rhone and similar soils: 20 percent

Description of Parachute

Setting

Landform: Mountains

Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Mountaintop

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Colluvium derived from sandstone and shale and/or residuum weathered from siltstone

Properties and qualities

Slope: 25 to 50 percent

Depth to restrictive feature: 20 to 40 inches to paralithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Low (about 4.0 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 7e

Hydrologic Soil Group: C

Ecological site: Brushy Loam (R048AY238CO)

Typical profile

0 to 10 inches: Loam

10 to 25 inches: Very channery loam, extremely channery loam

25 to 29 inches: Unweathered bedrock

Description of Irigul

Setting

Landform: Hills

Landform position (two-dimensional): Toeslope, footslope, backslope, shoulder, summit

Landform position (three-dimensional): Crest

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Residuum weathered from sandstone and shale

Properties and qualities

Slope: 25 to 50 percent

Depth to restrictive feature: 5 to 20 inches to lithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Very low (about 1.3 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: Loamy Slopes (R048AY303CO)

Typical profile

0 to 6 inches: Channery loam

6 to 13 inches: Very channery loam

13 to 17 inches: Unweathered bedrock

Description of Rhone

Setting

Landform: Hills, mountains

Landform position (two-dimensional): Backslope, shoulder, summit, footslope

Landform position (three-dimensional): Mountainflank, side slope

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Colluvium derived from sandstone and shale and/or residuum weathered from sandstone and shale

Properties and qualities

Slope: 25 to 50 percent

Depth to restrictive feature: 40 to 60 inches to paralithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 7.5 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: Brushy Loam (R048AY238CO)

Typical profile

0 to 10 inches: Loam

10 to 39 inches: Channery loam

39 to 55 inches: Very channery loam

55 to 59 inches: Unweathered bedrock

Data Source Information

Soil Survey Area: Douglas-Plateau Area, Colorado, Parts of Garfield and Mesa Counties

Survey Area Data: Version 6, Dec 23, 2013

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Parachute	Brushy Loam	3,000	2,000	1,500	Saskatoon serviceberry	15
					Mountain brome	10
					Western wheatgrass	10
					Elk sedge	10
					Columbia needlegrass	5
					Letterman's needlegrass	5
					Mountain big sagebrush	5
					Mountain snowberry	5
Irigul	Loamy Slopes	1,200	900	500	Bluebunch wheatgrass	10
					Bottlebrush squirreltail	10
					Saskatoon serviceberry	10
					Mountain big sagebrush	10
					Western wheatgrass	10
					Prairie junegrass	10
Rhone	Brushy Loam	3,000	2,000	1,500	Saskatoon serviceberry	15
					Mountain brome	10
					Elk sedge	10
					Nodding brome	10
					Slender wheatgrass	10
					Rose	5
					Mountain snowberry	5
					Letterman's needlegrass	5