

<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

Rhône	Brushy Loam	3,000	2,000	1,500	Prairie junegrass
					Saskatoon serviceberry
					Nodding brome
					Slender wheatgrass
					Mountain brome
					Elk sedge
					Letterman's needlegrass
					Rose
57—Parachute-Rhône loams, 5 to 30 percent slopes	Parachute	1,800	1,500	1,200	Mountain snowberry
					Letterman's needlegrass
					Columbia needlegrass
					Mountain big sagebrush
					Elk sedge
					Slender wheatgrass
					Arizona fescue
					Saskatoon serviceberry
Rhône	Mountain Loam	1,800	1,500	1,200	Mountain snowberry
					Sandberg bluegrass
					Arizona fescue
					Slender wheatgrass
					Mountain big sagebrush
					Letterman's needlegrass
					Muttongrass
					Mountain snowberry
58—Peninsula loam, 3 to 9 percent slopes	Peninsula	1,800	1,500	900	Miscellaneous shrubs
					Saskatoon serviceberry
					Elk sedge
					Needleandthread
					Western wheatgrass
					Miscellaneous perennial forbs
					Mountain big sagebrush
					Saskatoon serviceberry
59—Persayo silty clay loam, 3 to 25 percent slopes	Persayo	650	500	400	Prairie junegrass
					Mountain snowberry
					Muttongrass
					Galleta
					Shadscale saltbush
					Fourwing saltbush
					Indian ricegrass
					Spiny phlox
60—Redcreek-Rentsac complex, 5 to 40 percent slopes	Redcreek	650	500	350	Saline wildrye
					Western wheatgrass
					Yellow rabbitbrush
					Bottlebrush squirreltail
					Bud sagebrush
					Blue grama
					Muttongrass
					Bluebunch wheatgrass
Redcreek	—	650	500	350	Gambel oak
					Elk sedge
					Western wheatgrass
					Prairie junegrass

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

### 55—Parachute-Irigul complex, 5 to 30 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 90 days

#### Map Unit Composition

*Parachute and similar soils:* 60 percent

*Irigul and similar soils:* 30 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:* Residuum weathered from shale and siltstone and/  
or residuum weathered from sandstone and shale

##### Properties and qualities

*Slope:* 5 to 30 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):* 6e

*Hydrologic Soil Group:* C

*Ecological site:* Mountain Loam (R048AY228CO)

##### 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:* 5 to 30 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

## Data Source Information

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

Survey Area Data: Version 6, Dec 23, 2013

## 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