

Jackson County Area, Colorado

Ca—Cabin sandy loam

Map Unit Setting

National map unit symbol: jpz2

Elevation: 8,200 to 9,200 feet

Mean annual precipitation: 15 to 16 inches

Mean annual air temperature: 35 to 37 degrees F

Frost-free period: 30 to 40 days

Farmland classification: Not prime farmland

Map Unit Composition

Cabin and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cabin

Setting

Landform: Terraces, benches

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Gravelly alluvium

Typical profile

H1 - 0 to 4 inches: sandy loam

H2 - 4 to 17 inches: gravelly sandy clay loam

H3 - 17 to 26 inches: very gravelly sandy loam

H4 - 26 to 60 inches: very gravelly sand

Properties and qualities

Slope: 2 to 5 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):

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

Available water storage in profile: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): 5c

Land capability classification (nonirrigated): 6c

Hydrologic Soil Group: B

Ecological site: Dry mountain loam (R048AY231CO)

Data Source Information

Soil Survey Area: Jackson County Area, Colorado
Survey Area Data: Version 7, Sep 22, 2014

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Map unit symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
Ca—Cabin sandy loam						
Cabin	Dry Mountain Loam	1,000	750	500	Big sagebrush	30
					Streambank wheatgrass	10
					Yellow rabbitbrush	10
					Sheep fescue	10
					Muttongrass	10
					Pine needlegrass	10
					Prairie junegrass	5
					Bluebunch wheatgrass	3
					Buckwheat	3
					Bottlebrush squirreltail	2
Spiny phlox	2					