

# Map Unit Description

Routt Area, Colorado, Parts of Rio Blanco and Routt Counties

50F Routt loam, warm, 25 to 65 percent slopes

## Setting

Elevation: 6900 to 7800 feet  
Mean annual precipitation: 20 to 25 inches  
Mean annual air temperature: 35 to 39 degrees F  
Frost-free period: 50 to 80 days

## Composition

Routt and similar soils: 85 percent  
Minor components: 5 percent

## Description of Routt

### Setting

Landform: Mountain slopes, hills  
Parent material: Colluvium derived from sandstone and shale and/or slope alluvium derived from sandstone and shale

### Properties and Qualities

Slope: 25 to 65 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 0 percent  
Gypsum maximum: 0 percent  
Available water capacity: High (about 9.6 inches)

### Interpretive Groups

Land capability (non irrigated): 7e  
Ecological site: Brushy Loam (R048AY238CO)

### Typical Profile

0 to 1 inches: slightly decomposed plant material  
1 to 12 inches: loam  
12 to 22 inches: loam  
22 to 27 inches: loam  
27 to 31 inches: clay loam  
31 to 46 inches: clay  
46 to 65 inches: clay

## Minor Components

Soils with a shallow water table soils  
Percent of map unit: 5 percent  
Landform: Drainageways

# Rangeland Productivity and Plant Composition

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Map 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>	
50F:						
Routt	Brushy Loam	---	---	---	---	---