

Rangeland Productivity and Plant Composition

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

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		Lb/Ac	Lb/Ac	Lb/Ac		
37: Fughes	Brushy Loam	3,000	2,000	1,500	Gambel oak Elk sedge Mountain snowberry Saskatoon serviceberry Slender wheatgrass True mountain mahogany Western wheatgrass	15 10 5 5 5 5 5

Map Unit Description

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

37 Fughes clay loam, 2 to 6 percent slopes

Setting

Elevation: 6800 to 7400 feet
Mean annual precipitation: 15 to 20 inches
Mean annual air temperature: 40 to 45 degrees F
Frost-free period: 85 to 105 days

Composition

Fughes and similar soils: 90 percent

Description of Fughes

Setting

Landform: Terraces, mesas
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed rock alluvium derived from sedimentary rock and/or mixed rock colluvium derived from sedimentary rock

Properties and Qualities

Slope: 2 to 6 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low or moderately high (0.06 to 0.20 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 11.4 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 4c
Ecological site: Brushy Loam (R048AY238CO)

Typical Profile

0 to 7 inches: clay loam
7 to 18 inches: clay loam
18 to 50 inches: clay loam, clay loam
50 to 60 inches: silty clay loam