

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

DFV Fuera-Dargol-Vamer complex, 10 to 45 percent slopes

Setting

Landscape: Foothills
Elevation: 7500 to 9000 feet
Mean annual precipitation: 17 to 22 inches
Mean annual air temperature: 43 to 46 degrees F
Frost-free period: 70 to 100 days

Composition

Fuera and similar soils: 35 percent
Dargol and similar soils: 30 percent
Vamer and similar soils: 20 percent

Description of Fuera

Setting

Landform: Hills
Landform position (two-dimensional): Backslope, footslope
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Alluvium and colluvium derived from shale and siltstone

Properties and Qualities

Slope: 10 to 45 percent
Surface area covered with stones and boulders: 8.0 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: Moderate (about 7.4 inches)

Interpretive Groups

Land capability (non irrigated): 7e
Ecological site: Pseudotsuga menziesii-Pinus po (F048AY009NM)
Other vegetative classification: Rocky Mountain Douglas fir/pon (Pmeg-Pipo)

Typical Profile

0 to 2 inches: slightly decomposed plant material
2 to 7 inches: cobbly loam
7 to 10 inches: cobbly loam
10 to 11 inches: cobbly clay loam
11 to 27 inches: cobbly clay
27 to 47 inches: cobbly clay
47 to 60 inches: cobbly clay

Description of Dargol

Setting

Landform: Hills
Landform position (two-dimensional): Backslope, shoulder
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium and residuum weathered from shale and siltstone

Properties and Qualities

Slope: 10 to 45 percent
Surface area covered with stones and boulders: 20.0 percent
Depth to restrictive feature: 20 to 40 inches to Lithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately low (0.00 to 0.06 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent

Map Unit Description

Las Animas County Area, Colorado, Parts of Huerfano and Las Animas Counties

Available water capacity: Low (about 4.7 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Ecological site: *Pseudotsuga menziesii*-*Pinus* po (F048AY009NM)

Other vegetative classification: Rocky Mountain Douglas fir/pon (Pmeg-Pipo)

Typical Profile

0 to 1 inches: moderately decomposed plant material

1 to 6 inches: loam

6 to 10 inches: clay

10 to 29 inches: clay

29 to 60 inches: bedrock

Description of Vamer

Setting

Landform: Hills

Landform position (two-dimensional): Shoulder, summit

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Slope alluvium and residuum weathered from siltstone over sandstone

Properties and Qualities

Slope: 10 to 40 percent

Surface area covered with stones and boulders: 3.0 percent

Depth to restrictive feature: 10 to 20 inches to Lithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low or moderately low (0.00 to 0.14 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 0 percent

Gypsum maximum: 0 percent

Available water capacity: Very low (about 2.6 inches)

Interpretive Groups

Land capability (non irrigated): 7e

Ecological site: *Pinus ponderosa*-*Juniperus scop* (F048AY011NM)

Other vegetative classification: ponderosa pine/mountain muhly (Pipo/Mumo)

Typical Profile

0 to 1 inches: slightly decomposed plant material

1 to 3 inches: fine sandy loam

3 to 7 inches: fine sandy loam

7 to 16 inches: clay

16 to 60 inches: bedrock