

Map Unit Description

Rifle Area, Colorado, Parts of Garfield and Mesa Counties

5 Ascalon fine sandy loam, 1 to 6 percent slopes

Setting

Elevation: 5000 to 6500 feet

Composition

Ascalon and similar soils: 90 percent

Description of Ascalon

Setting

Landform: Terraces, alluvial fans, mesas

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Alluvium derived from sandstone and shale

Properties and Qualities

Slope: 1 to 6 percent

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate maximum: 10 percent

Gypsum maximum: 0 percent

Available water capacity: High (about 9.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3e

Land capability (non irrigated): 3c

Ecological site: Deep Loam (R048AY292CO)

Typical Profile

0 to 5 inches: fine sandy loam

5 to 30 inches: sandy clay loam

30 to 60 inches: sandy clay loam