

Map Unit Description

Sedgwick County, Colorado

JuC Julesburg loamy sand, 3 to 5 percent slopes

Setting

Landscape: Uplands
Elevation: 4000 to 5400 feet
Mean annual precipitation: 14 to 17 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 130 to 150 days

Composition

Julesburg and similar soils: 90 percent
Minor components: 10 percent

Description of Julesburg

Setting

Landform: Ridges
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits

Properties and Qualities

Slope: 3 to 5 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 0 percent
Gypsum maximum: 0 percent
Available water capacity: Low (about 5.5 inches)

Interpretive Groups

Land capability classification (irrigated): 3e
Land capability (non irrigated): 3e
Ecological site: Sandy Plains (R072XY023CO)

Typical Profile

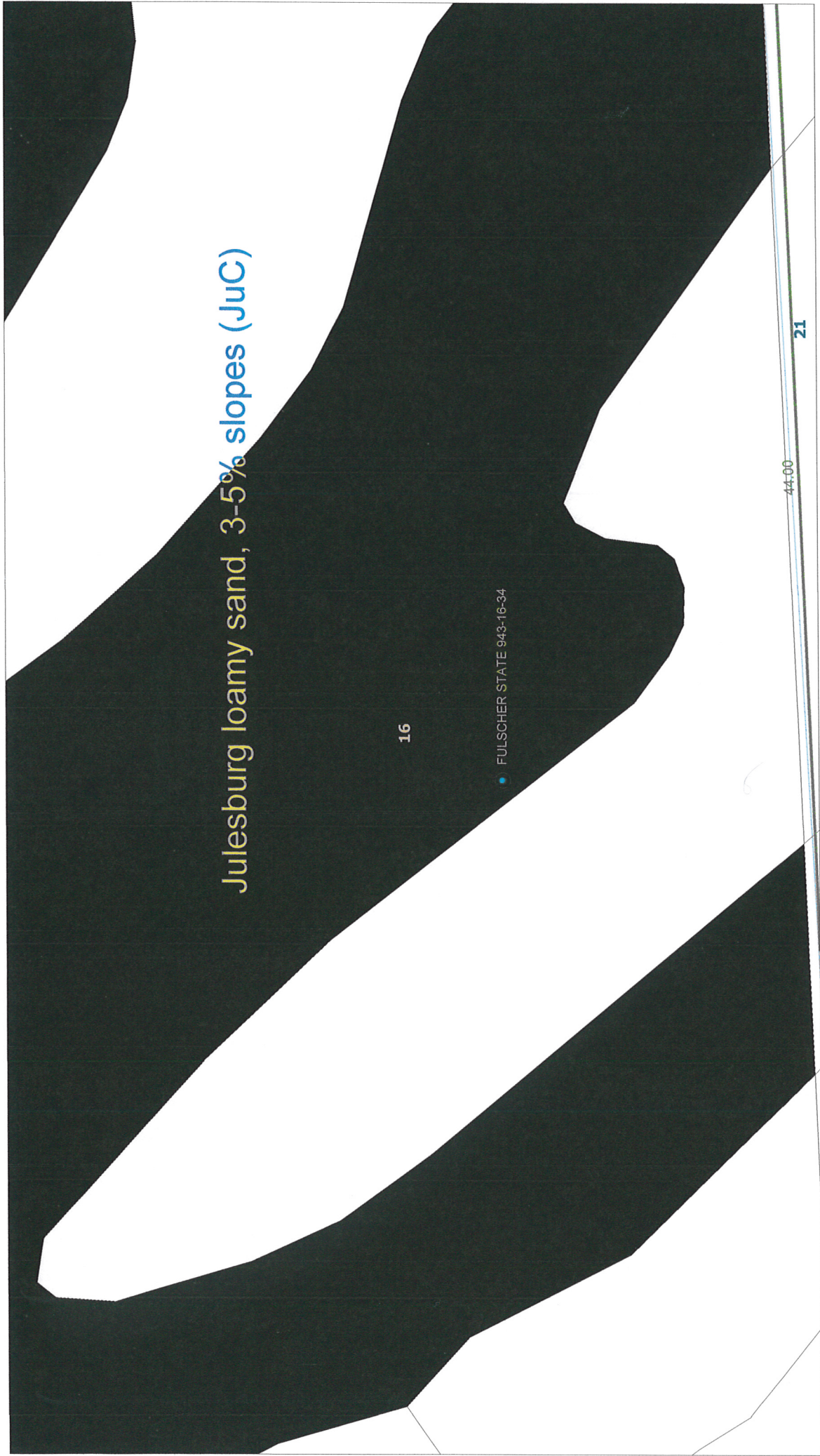
0 to 7 inches: loamy sand
7 to 33 inches: sandy loam
33 to 47 inches: loamy sand
47 to 60 inches: sand

Minor Components

Valentine

Percent of map unit: 10 percent

Fulscher State 943-16-34



SCALE 1 : 2,289

