

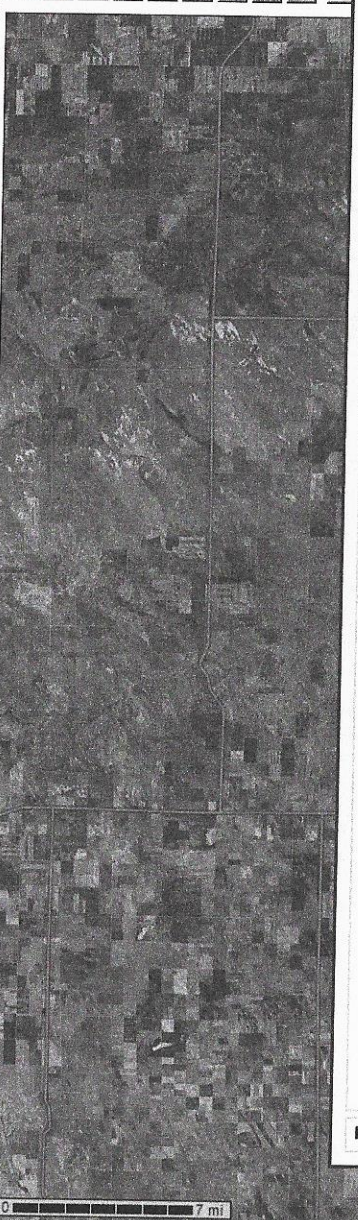
Basic Search
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Map Unit Legend

55	Lebsack silty clay loam	2,482.8	0.1
56	Lebsack clay loam, saline	5,284.4	0.1
57	Lebsack clay loam, wet	1,841.3	0.1
58	Loveland clay loam	4,439.7	0.1
59	Manter loamy sand, 0 to 3 percent slopes	1,456.0	0.1
60	Manter loamy sand, 3 to 9 percent slopes	8,575.1	0.1
61	Manter, sandy loam, 0 to 3 percent slopes	10,925.9	0.1
62	Manter sandy loam, 3 to 5 percent slopes	9,201.7	0.1
63	Manter sandy	8,211.5	0.1

Soil Map



Map Unit Description

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Report — Map Unit Description

Logan County, Colorado

68—Mitchell loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 35d2
Elevation: 3,600 to 5,500 feet
Mean annual precipitation: 13 to 17 inches
Mean annual air temperature: 46 to 48 degrees F
Frost-free period: 120 to 160 days
Farmland classification: Not prime farmland

Map Unit Composition

Mitchell and similar soils: 85 percent
Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mitchell

Setting

Landform: Fans, flats
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous loamy alluvium and/or eolian deposits derived from siltstone

Typical profile

H1 - 0 to 5 inches: loam
H2 - 5 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Available water storage in profile: High (about 10.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4c
Hydrologic Soil Group: A
Ecological site: Siltstone Plains (R067BY009CO)
Hydric soil rating: No

Minor Components

Keota

Percent of map unit: 10 percent
Hydric soil rating: No

Epping

Percent of map unit: 5 percent
Hydric soil rating: No

Description — Map Unit Description

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