

Map Unit Description

Lincoln County, Colorado

151 Midway clay loam, 1 to 5 percent slopes

Setting

Elevation: 4400 to 6000 feet
Mean annual precipitation: 11 to 14 inches
Mean annual air temperature: 46 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

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

Description of Midway

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Slope alluvium derived from shale over residuum weathered from shale

Properties and Qualities

Slope: 1 to 5 percent
Depth to restrictive feature: 6 to 20 inches to Paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 15 percent
Salinity maximum: Non saline or slightly saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio maximum: 15.0
Available water capacity: Very low (about 2.7 inches)

Interpretive Groups

Land capability (non irrigated): 6e
Ecological site: Shaly Plains (R069XY046CO)

Typical Profile

0 to 4 inches: clay loam
4 to 15 inches: clay loam
15 to 25 inches: weathered bedrock

Minor Components

Razor soils

Percent of map unit: 4 percent
Landform: Hills
Other vegetative classification: ALKALINE PLAINS (069XY047CO_1)

Fort soils

Percent of map unit: 4 percent
Landform: Hills
Other vegetative classification: LOAMY PLAINS (069XY006CO_1)

Manzanola soils

Percent of map unit: 4 percent
Landform: Fans, drainageways
Other vegetative classification: ALKALINE PLAINS (069XY047CO_1)

Rock outcrop

Percent of map unit: 3 percent
Landform: Scarps

Rangeland Productivity and Plant Composition

Lincoln County, Colorado

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		<i>Lb/Ac</i>	<i>Lb/Ac</i>	<i>Lb/Ac</i>		<i>Pct</i>
151:						
Midway	Shaly Plains	1,000	550	300	Alkali sacaton	40
					Galleta	25
					Blue grama	20
					Western wheatgrass	10
					Fourwing saltbush	5
					Winterfat	5