

Phillips County, Colorado

HtB—Haxtun loamy sand, 0 to 3 percent slopes

Map Unit Setting

Elevation: 3,400 to 5,600 feet
Mean annual precipitation: 13 to 20 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 125 to 150 days

Map Unit Composition

Haxtun and similar soils: 80 percent
Minor components: 20 percent

Description of Haxtun

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loam sandy and/or sand loamy

Typical profile

H1 - 0 to 9 inches: loamy sand
H2 - 9 to 19 inches: sandy loam
H3 - 19 to 33 inches: loam
H4 - 33 to 50 inches: gravelly sandy loam
H5 - 50 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high to high (0.57 to 2.00 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
Salinity, maximum in profile: Nonsaline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 5.0
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Farmland classification: Farmland of statewide importance
Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: Sandy Plains (R072XY023CO)

Minor Components

Ascalon

Percent of map unit: 10 percent

Julesburg

Percent of map unit: 6 percent

Valentine

Percent of map unit: 4 percent

Data Source Information

Soil Survey Area: Phillips County, Colorado

Survey Area Data: Version 8, Dec 23, 2013