

Map Unit Description

Weld County, Colorado, Northern Part

29 Haverson loam, 0 to 3 percent slopes

Setting

Elevation: 3500 to 6000 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 46 to 54 degrees F
Frost-free period: 125 to 180 days

Composition

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

Description of Haverson

Setting

Landform: Stream terraces, flood plains
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Stratified, calcareous loamy alluvium

Properties and Qualities

Slope: 0 to 3 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.57 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 1 percent
Available water capacity: High (about 9.6 inches)

Interpretive Groups

Land capability (non irrigated): 4c
Ecological site: Overflow (R067BY036CO)
Other vegetative classification: OVERFLOW (067BY036CO)

Typical Profile

0 to 12 inches: loam
12 to 60 inches: stratified sandy loam to loam

Minor Components

Nunn

Percent of map unit: 6 percent

Fluvaquentic haplustolls

Percent of map unit: 4 percent
Landform: Terraces

Rangeland Productivity and Plant Composition

Weld County, Colorado, Northern Part

Map symbol and soil name	Ecological site	Total dry-weight production			Characteristic vegetation	Rangeland composition
		Favorable year	Normal year	Unfavorable year		
		Lb/Ac	Lb/Ac	Lb/Ac	Pct	
29:						
Haverson	Overflow	2,800	2,000	1,200	Western wheatgrass	35
					Green needlegrass	15
					Switchgrass	15