

Map Unit Description

Washington County, Colorado

17 Colby-Norka loams, 5 to 9 percent slopes

Setting

Elevation: 3800 to 5500 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 48 to 52 degrees F
Frost-free period: 135 to 155 days

Composition

Colby and similar soils: 45 percent
Norka and similar soils: 35 percent
Minor components: 20 percent

Description of Colby

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 5 to 9 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: 0 percent
Available water capacity: High (about 10.6 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6e
Ecological site: Loamy Slopes (R067BY008CO)

Typical Profile

0 to 8 inches: loam
8 to 60 inches: silt loam

Description of Norka

Setting

Landform: Hills
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loess

Properties and Qualities

Slope: 5 to 9 percent
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high or high (0.20 to 2.00 in/hr)
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate maximum: 15 percent
Gypsum maximum: 0 percent
Available water capacity: High (about 10.7 inches)

Interpretive Groups

Land capability classification (irrigated): 6e
Land capability (non irrigated): 6e
Ecological site: Loamy Slopes (R067BY008CO)

Typical Profile

0 to 4 inches: loam
4 to 13 inches: silty clay loam
13 to 60 inches: silt loam

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Minor Components

Otero

Percent of map unit: 10 percent

Ulysses

Percent of map unit: 10 percent