

## Lincoln County, Colorado

### 144—Kimst loam, 3 to 12 percent slopes

#### Map Unit Setting

*National map unit symbol:* 3jhc  
*Elevation:* 4,400 to 6,000 feet  
*Mean annual precipitation:* 11 to 16 inches  
*Mean annual air temperature:* 46 to 52 degrees F  
*Frost-free period:* 135 to 155 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kimst and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kimst

##### Setting

*Landform:* Hills  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium and/or eolian deposits

##### Typical profile

*Ap - 0 to 5 inches:* loam  
*Bk - 5 to 60 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 3 to 12 percent  
*Depth to restrictive feature:* More than 80 inches  
*Natural drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):*  
Moderately high (0.20 to 0.60 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 to slightly saline (0.0 to 4.0 mmhos/cm)  
*Available water storage in profile:* High (about 10.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6e  
*Hydrologic Soil Group:* C  
*Ecological site:* Loamy Plains (R067BY002CO)

### Minor Components

#### Apishapa, rarely ponded

*Percent of map unit:* 3 percent

*Landform:* Depressions

*Ecological site:* Plains Swale (R067XY010CO)

#### Arvada

*Percent of map unit:* 3 percent

*Landform:* Drainageways, fans

*Other vegetative classification:* Salt Flat (069AY033CO\_1)

#### Vona

*Percent of map unit:* 2 percent

*Landform:* Hills

*Landform position (three-dimensional):* Side slope

*Other vegetative classification:* SANDY PLAINS (067XY024CO\_1)

#### Karval

*Percent of map unit:* 2 percent

*Landform:* Hills

*Landform position (three-dimensional):* Side slope

*Other vegetative classification:* GRAVEL BREAKS  
(067XY063CO\_1)

## Data Source Information

Soil Survey Area: Lincoln County, Colorado

Survey Area Data: Version 13, Sep 22, 2015