

# Map Unit Description

Rio Blanco County Area, Colorado

## 94 Turley fine sandy loam, 3 to 8 percent slopes

### Setting

Elevation: 5000 to 5800 feet  
Mean annual precipitation: 8 to 12 inches  
Mean annual air temperature: 45 to 50 degrees F  
Frost-free period: 105 to 125 days

### Composition

Turley and similar soils: 85 percent

### Description of Turley

#### Setting

Landform: Stream terraces, fans, valley floors  
Down-slope shape: Linear  
Across-slope shape: Linear  
Parent material: Calcareous, mixed alluvium derived from sandstone and shale

#### Properties and Qualities

Slope: 3 to 8 percent  
Drainage class: Well drained  
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)  
Frequency of flooding: None  
Frequency of ponding: None  
Calcium carbonate maximum: 10 percent  
Gypsum maximum: 0 percent  
Salinity maximum: Non saline or very slightly saline (2.0 to 4.0 mmhos/cm)  
Available water capacity: High (about 11.2 inches)

#### Interpretive Groups

Land capability classification (irrigated): 3e  
Land capability (non irrigated): 6e

#### Typical Profile

0 to 4 inches: fine sandy loam  
4 to 60 inches: clay loam, silty clay loam, loam