



117° 2' 52" W

43° 55' 43" N

Soil Map may not be valid at this scale.



117° 2' 41" W

496380

496350

496320

496290

496260

496230

496200

496170

4863980

4863990

4864020

4864050

4864080

4864110

4864140

4864170

4864200

4864230

4864260

43° 55' 43" N

43° 55' 53" N

117° 2' 41" W

117° 2' 52" W

Malheur County, Oregon, Northeastern Part

36F—Xeric Torriorthents, very steep

Map Unit Setting

National map unit symbol: 23dd
Elevation: 2,100 to 2,690 feet
Mean annual precipitation: 9 to 11 inches
Mean annual air temperature: 50 to 52 degrees F
Frost-free period: 155 to 165 days
Farmland classification: Not prime farmland

Map Unit Composition

Xeric torriorthents and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Xeric Torriorthents

Setting

Landform: Terraces
Landform position (three-dimensional): Riser
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Lacustrine deposits

Typical profile

H1 - 0 to 60 inches: variable

Properties and qualities

Slope: 20 to 60 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Ecological site: R011XY022ID - Shallow Escarpment Complex 8-11
PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Malheur County, Oregon, Northeastern Part
Survey Area Data: Version 21, Sep 10, 2025

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
21B	Nyssa silt loam, 2 to 5 percent slopes	0.3	3.3%
21D	Nyssa silt loam, 8 to 12 percent slopes	1.6	16.9%
36F	Xeric Torriorthents, very steep	7.4	79.8%
Totals for Area of Interest		9.2	100.0%