

Ecological site group 036XESG21

Arid Cool Loamy Uplands

Last updated: 04/01/2024
Accessed: 05/10/2025

Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Cryic, frigid, or mesic temperature regimes
- Uplands
- Surface SAR <8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC <8 and surface EC <4
- EC <1.5 surface and <2 subsurface
- Slope <35% or <40% surface rock
- Depth >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay <20% or texture is sandy loam or sandier in surface

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Physiography

This ESG is located on mesas.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R036XY325CO Semidesert Loam.

Major Land Resource Area

MLRA 036X
Southwestern Plateaus, Mesas, and Foothills

Subclasses

- R036XB006NM–Loamy
- R036XB007NM–Malpais
- R036XB011NM–Sandy
- R036XB132NM–Gravelly Hills
- R036XY284CO–Loamy Foothills
- R036XY287CO–Stony Foothills

- R036XY310CO–Sandy Foothills
- R036XY325CO–Semidesert Loam
- R036XY326CO–Semidesert Sandy Loam
- R036XY347CO–Foothill Valley
- R036XY445CO–Steep Colluvial Slopes

Correlated Map Unit Components

23735646, 23735785, 23735728, 23735662, 23735665, 23735667, 23735670, 23735672, 23735480, 23735478, 23735283, 23735210, 23735568, 23735309, 23735155, 23735096, 23735098, 23735575, 23734794, 23735028, 23735026, 23734819, 23734642, 23734658, 23734491, 23732021, 23732272, 23731900, 23732165, 23732087, 23732342, 23731955, 23730834, 23730756, 23730900, 23730806, 23730436, 24313757, 24316213, 24316359, 24317371, 24316815, 24317219, 24317067, 24317570, 24317569, 24366563, 24366606, 24367187, 24367189, 24365272, 24365335, 24366995, 24365390, 24367334, 24367327, 24365760, 24365786, 24365799, 24324572, 24324794, 24324121, 24324809, 24324813, 24324337, 24324748, 24324523, 24324514, 24324088, 24324757, 24324266, 24324101, 24324381, 24324712, 24324210, 24324211, 24324635, 24324877, 24324444, 24324913, 24324448, 24324920, 24324919, 24324248, 24327716, 24327717, 24529827, 24529915, 24529913, 24532066, 24532071

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations