

Ecological site group 036XESG31

Semiarid Cool Clay Uplands

Last updated: 04/02/2024

Accessed: 05/10/2025

Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Ustic or udic moisture regimes
- Cryic, frigid, or mesic temperature regimes
- Uplands
- Surface SAR <8
- Gypsum <5% 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 or >35% subsurface

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 hillslopes, mountain slopes, and mesas.

Vegetation dynamics

The modal ecological site for this ESG is R036XY289CO Clayey Foothills.

Major Land Resource Area

MLRA 036X

Southwestern Plateaus, Mesas, and Foothills

Subclasses

- F036XA001NM–Pinyon Upland
- F036XA136NM–Pinyon-Utah juniper/Apache plume
- F036XB133NM–Pinyon-Utah juniper/skunkbush sumac
- R036XB002NM–Clayey
- R036XB006NM–Loamy
- R036XB008NM–Meadow
- R036XB015NM–Shallow Savanna
- R036XB017NM–Swale
- R036XY284CO–Loamy Foothills
- R036XY287CO–Stony Foothills
- R036XY289CO–Clayey Foothills
- R036XY346CO–Cobbly Foothills

- R036XY446CO–Southwestern Mountain (pinyon-Utah juniper)

Correlated Map Unit Components

23735954, 23736054, 23736051, 23736244, 23736246, 23736185, 23735913, 23736000, 23735905, 23735903, 23735916, 23736015, 23735921, 23736194, 23736200, 23736204, 23736208, 23735925, 23736019, 23736018, 23735929, 23735926, 23735934, 23735930, 23735942, 23736072, 23735972, 23735974, 23735879, 23736159, 23736163, 23736166, 23735881, 23735978, 23736042, 23735950, 23736230, 23735893, 23735743, 23735679, 23735621, 23735377, 23735146, 23735012, 23734540, 23734359, 23734361, 23734707, 23734874, 23734373, 23734374, 23734878, 23734882, 23734382, 23734391, 23734835, 23734839, 23734838, 23734846, 23734561, 23734568, 23734474, 23734396, 23734725, 23734728, 23734732, 23734895, 23734403, 23734897, 23734898, 23734911, 23734585, 23734912, 23734422, 23734740, 23734748, 23734752, 23734926, 23734434, 23734930, 23734783, 23734674, 23734976, 23733619, 23733621, 23733620, 23733624, 23730766, 23730882, 23730707, 23730458, 23730631, 23730460, 23730453, 23730685, 23730452, 23730450, 23730618, 23730664, 23730505, 23730552, 23730014, 24489711, 24489683, 24489677, 24312701, 24312547, 24312724, 24312572, 24312849, 24312854, 24313244, 24313252, 24312934, 24313118, 24313026, 24313693, 24313694, 24313624, 24313629, 24313855, 24314358, 24314111, 24314245, 24314115, 24314001, 24314260, 24314012, 24314018, 24314146, 24314300, 24314303, 24314324, 24314201, 24314093, 24314100, 24314343, 24314348, 24316260, 24316527, 24316530, 24316272, 24316335, 24316285, 24316368, 24317344, 24317340, 24317333, 24317148, 24317536, 24316939, 24317117, 24317258, 24317696, 24317692, 24317200, 24316872, 24316891, 24317641, 24365471, 24365480, 24365490, 24365517, 24365669, 24366307, 24366310, 24366324, 24366029, 24366039, 24366043, 24366580, 24366759, 24366751, 24366172, 24366255, 24324458, 24327795, 24327771, 24327725, 24327640, 24327813, 24327812, 24327752, 24327753, 24327681

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations