

Ecological site group 036XESG38

Semiarid Cool Very Shallow

Last updated: 04/03/2024
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 <30cm

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 and hills.

Climate

This ESG is characterized by the ustic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is F036XB133NM Pinyon-Utah juniper/skunkbush sumac.

Major Land Resource Area

MLRA 036X
Southwestern Plateaus, Mesas, and Foothills

Subclasses

- F036XA001NM–Pinyon Upland
- F036XA005NM–Riverine Riparian
- F036XA136NM–Pinyon-Utah juniper/Apache plume
- F036XB133NM–Pinyon-Utah juniper/skunkbush sumac
- R036XY110CO–Shallow Clay Loam (pinyon-Utah juniper)
- R036XY111CO–Steep Shallow Clay Loam (pinyon-Utah juniper)
- R036XY114CO–Mountain Pinyon
- R036XY141CO–Shallow Loamy Mesa Top (pinyon-Utah juniper)
- R036XY315UT–Upland Shallow Loam (pinyon-Utah juniper)
- R036XY316UT–Upland Shallow Loam (littleleaf mountain mahogany)

Correlated Map Unit Components

23735955, 23735995, 23735993, 23735999, 23735907, 23735878, 23735075, 23735593, 23735557, 23735140, 23734527, 23734670, 23732338, 23730805, 24489682, 24489664, 24489662, 24489689, 24489694, 24489741, 24489678, 24489676, 24312652, 24312654, 24312719, 24312717, 24312699, 24312589, 24312551, 24312783, 24312785, 24312575, 24313245, 24313247, 24313294, 24313502, 24313504, 24313150, 24313540, 24313544, 24313012, 24313371, 24313202, 24313669, 24313987, 24314054, 24314405, 24314166, 24314287, 24314304, 24314220, 24314221, 24317337, 24316938, 24317120, 24317169, 24317454, 24317456, 24316831, 24316870, 24317234, 24317236, 24317286, 24317729, 24316893, 24316895, 24365622, 24365620, 24365632, 24365714, 24365222, 24366515, 24366552, 24366560, 24366909, 24366916, 24365806, 24365804, 24365312, 24365358, 24365360, 24367146, 24367136, 24365424, 24366242, 24367235, 24367251, 24365744, 24365742, 24324170, 24324854, 24324954, 24324960, 24324483, 24324728, 24324734, 24324738, 24324971, 24324495, 24324494, 24324639, 24327787, 24327789, 24327798, 24327599, 24327843, 24327638, 24327850, 24327658, 24327672, 24327815, 24327817, 24327677, 24529912, 24532065, 24531538

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations