

Ecological site group 036XESG35

Semiarid Cool Saline, Sandy, Loamy, and Finer Uplands

Last updated: 04/03/2024
Accessed: 04/17/2024

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 or >2 subsurface
- <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 and <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 mesas, hills, and alluvial fans.

Vegetation dynamics

The modal ecological site for this ESG is R036XB006NM Loamy.

Major Land Resource Area

MLRA 036X
Southwestern Plateaus, Mesas, and Foothills

Subclasses

- F036XA005NM–Riverine Riparian
- F036XA136NM–Pinyon-Utah juniper/Apache plume

- F036XB133NM–Pinyon-Utah juniper/skunkbush sumac
- R036XB002NM–Clayey
- R036XB003NM–Gravelly Fan
- R036XB005NM–Limy
- R036XB006NM–Loamy
- R036XB010NM–Salty Bottomland
- R036XB012NM–Sandy Savanna
- R036XB111NM–Sandy Slopes
- R036XB011NM–Sandy
- R036XB018NM–Stony Loam
- R036XC013UT–Southwestern Plateau Riparian Complex Intermittent (Valley Type IV - F4/B4C Stream Type)
- R036XY038CO–Wet Meadow
- 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)
- R036XY142CO–Loamy Mesa Top (pinyon-Utah juniper)
- R036XY284CO–Loamy Foothills
- R036XY287CO–Stony Foothills
- R036XY289CO–Clayey Foothills
- R036XY306UT–Upland Loam (big sagebrush)
- R036XY307UT–Upland Loam (pinyon-Utah juniper)
- R036XY328CO–Semidesert Clay Loam
- R036XY346CO–Cobbly Foothills
- R036XY347CO–Foothill Valley
- R036XY405CO–Loamy Bottom
- R036XY446CO–Southwestern Mountain (pinyon-Utah juniper)
- R036XB017NM–Swale
- R036XB132NM–Gravelly Hills

Correlated Map Unit Components

24491135, 24491097, 24491021, 24491098, 24490987, 24490992, 24491023, 24491071, 24491073, 24491074, 24491004, 23736237, 23736243, 23736045, 23736048, 23735958, 23735961, 23735886, 23735890, 23736187, 23736006, 23735915, 23736087, 23736063, 23736102, 23736108, 23736113, 23735902, 23736012, 23736028, 23736151, 23736155, 23735885, 23735979, 23736128, 23736131, 23736227, 23735829, 23735830, 23735832, 23735834, 23735869, 23735656, 23735720, 23735783, 23735859, 23735861, 23735317, 23735315, 23735084, 23735074, 23735463, 23735475, 23735603, 23735596, 23735313, 23735214, 23735092, 23735159, 23735161, 23735561, 23735208, 23735224, 23735426, 23735453, 23735142, 23735590, 23735422, 23735420, 23735522, 23735521, 23735469, 23735190, 23735194, 23735197, 23735201, 23735204, 23734687, 23734692, 23734354, 23734859, 23734537, 23734866, 23734367, 23734869, 23734844, 23734842, 23734702, 23734704, 23734703, 23734378, 23734549, 23734883, 23734709, 23735017, 23734392, 23734853, 23734556, 23734559, 23734567, 23735024, 23734526, 23734400, 23734721, 23734724, 23734731, 23734896, 23734899, 23734412, 23734497, 23734501, 23735005, 23734518, 23734907, 23734419, 23734685, 23734588, 23734744, 23734530, 23734834, 23734429, 23734917, 23734922, 23734591, 23734762, 23734934, 23734439, 23734606, 23734602, 23734610, 23734608, 23734615, 23734616, 23734662, 23734666, 23734462, 23734522, 23734958, 23734988, 23734672, 23734508, 23734778, 23734999, 23734472, 23734644, 23734981, 23734488, 23734101, 23734105, 23733875, 23734097, 23734348, 23731847, 23732006, 23732018, 23732273, 23731901, 23730718, 23730774, 23730777, 23730880, 23730879, 23730883, 23730808, 23730752, 23730477, 23730479, 23730454, 23730601, 23730692, 23730693, 23730461, 23730686, 23730688, 23730508, 23730626, 23730116, 23730253, 23730254, 24489656, 24489722, 24489681, 24489710, 24489688, 24489730, 24489731, 24489732, 24489733, 24489690, 24489715, 24489716, 24489719, 24489720, 24489671, 24489669, 24489693, 24489672, 24489735, 24489736, 24489738, 24489742, 24489675, 24489674, 24308458, 24308459, 24308472, 24308466, 24308565, 24308566, 24312555, 24312554, 24312639, 24312822, 24312629, 24312722, 24312818, 24312827, 24312823, 24312870, 24312871, 24312579, 24312868, 24312666, 24312877, 24312875, 24312590, 24312707, 24312708, 24312750, 24312651, 24312565, 24312586, 24312677, 24312843, 24312568, 24312846, 24312727, 24312739, 24312734, 24312571, 24312835, 24312836, 24312853, 24312857, 24312860, 24313238, 24313239, 24313065, 24313064, 24312880, 24312882, 24313072, 24313071, 24313081, 24313231, 24312904, 24312905, 24312919, 24312924, 24312925,

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Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations