

Ecological site group 035XESG03(18113)

Arid Cool Clay Uplands

Last updated: 04/25/2024
Accessed: 05/20/2024

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 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 stream terraces, fan terraces, and flood plains.

Climate

This ESG is characterized by the mesic temperature regime and the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XC307AZ Clay Loam Upland 10-14" p.z.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I104–Clay Loam Wash 10-14" p.z.
- DX035X01I112–Loamy Wash 10-14" p.z.
- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X03A112–Loamy
- DX035X03A119–Clayey Bottomland
- DX035X03A131–Foothills
- R035XA106AZ–Clayey Upland 10-14" p.z.
- R035XA107AZ–Clay Loam Upland 10-14" p.z.

- R035XB020NM–Loamy 6-10" terrace
- R035XB202AZ–Clayey Wash 6-10" p.z.
- R035XB203AZ–Clay Loam Upland 6-10" p.z. Saline
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB211AZ–Loamy Wash 6-10" p.z. Saline-Sodic
- R035XB220AZ–Shale Upland 6-10" p.z.
- R035XB237AZ–Clay Loam Terrace 6-10" p.z. Sodic
- R035XB239AZ–Clayey Fan 6-10" p.z.
- R035XC306AZ–Clayey Upland 10-14" p.z.
- R035XC307AZ–Clay Loam Upland 10-14" p.z.
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XD416AZ–Silty Upland 7-11" p.z.
- R035XD418AZ–Clay Loam Bottom 7-11" p.z.
- R035XD421AZ–Clay Loam Upland 7-11" p.z.
- R035XF603AZ–Clay Loam Upland 13-17" p.z.
- R035XY006UT–Alkali Fan (Valley Saltbush)
- R035XY009UT–Alkali Flat (Greasewood)
- R035XY109UT–Desert Loam (Shadscale)
- R035XY125UT–Desert Shallow Clay (Shadscale)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY308UT–Upland Loam (Mountain Big Sagebrush)

Correlated Map Unit Components

24529470, 24528751, 24530532, 24533105, 24533589, 24538734, 24540923, 24477214, 24481998, 24482011, 24482020, 24482023, 24482025, 24482029, 24482040, 24482069, 24482082, 24482085, 24505121, 24505094, 24505124, 24505161, 24491224, 24491201, 24491251, 24491261, 24488985, 24488992, 24489157, 24489158, 24489056, 24476271, 24476321, 24476379, 24476390, 24476329, 24476341, 24476089, 24446694, 24446762, 24446861, 24489204, 24489183, 24447132, 24447185, 24447184, 24447080, 24447100, 24447284, 24446977, 24447161, 24446928, 24504499, 24367263, 24367319, 24365779, 24327205, 24327196, 24327358, 24446498

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations