

Ecological site group 034AESG29

Semiarid Cool Clay Uplands

Last updated: 09/11/2024
Accessed: 05/10/2025

Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Udic, ustic, and xeric moisture 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
- 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 hills, fan remnants, and upland slopes.

Climate

This ESG is characterized by the ustic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R034AY322WY Loamy High Plains Southeast (Ly).

Major Land Resource Area

MLRA 034A

Cool Central Desertic Basins and Plateaus

Subclasses

- DX034A02X122–Loamy Pinedale Plateau (Ly PP)
- DX034A02X124–Loamy Argillic Pinedale Plateau (LyA PP)
- R034AA013UT–Semi-Wet Fresh Meadow
- R034AA215UT–Semi-desert Dense Clay (Low and/ or Early sagebrush/ Rhizomatous wheatgrass)
- R034AY204WY–Clayey Foothills and Basins West (Cy)
- R034AY210WY–Dense Clay Foothills and Basins West (DC)
- R034AY222WY–Loamy Foothills and Basins West (Ly)
- R034AY228WY–Lowland Foothills and Basins West (LL)
- R034AY240WY–Saline Lowland Drained Foothills and Basins West (SLDr)
- R034AY246CO–Clayey Slopes

- R034AY258WY–Shallow Clayey Foothills and Basins West (SwCy)
- R034AY276WY–Very Shallow Foothills and Basins West (VS)
- R034AY285CO–Foothill Swale
- R034AY304WY–Clayey High Plains Southeast (Cy)
- R034AY318WY–Impervious Clay High Plains Southeast (IC)
- R034AY322WY–Loamy High Plains Southeast (Ly)
- R034AY354WY–Shale High Plains Southeast (Sh)
- R034AY362WY–Shallow Loamy High Plains Southeast (SwLy)

Correlated Map Unit Components

23778239, 23778243, 23778244, 23778143, 23778148, 23778381, 23778382, 23778383, 23724902, 23725072, 23725062, 23725065, 23725565, 23725305, 23725584, 23725308, 23725316, 23725365, 23725383, 23725384, 23724921, 23724759, 23725005, 24513815, 24513950, 24513956, 24514142, 24514145, 24513322, 24512935, 24512934, 24285336, 24289666, 24289344, 24289214, 24289820, 24289422, 24289080, 24289084, 24300902, 24300905, 24300667, 24300666, 24300268, 24300601, 24300287, 24300780, 24300328, 24300804, 24300348, 24312097, 24312301, 24312309, 24444732, 24444733, 24444913, 24444952, 24445419, 24445166, 24444997, 24445205, 24445794, 24445798, 24445799, 24445801, 24445672, 24325376, 24325424, 24325250, 24325249, 24364612, 24364679, 24364536, 24364538, 24364553, 24369814, 24370065, 24370075, 24370513, 24370519, 24370520, 24372074, 24372110, 24372153, 24372155, 24372156, 24372634

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations