

Ecological site group 034AESG36

Semiarid Cool Shallow

Last updated: 09/17/2024
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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: 30-55cm

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 and escarpments.

Climate

This ESG is characterized by the ustic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R034AY362WY Shallow Loamy High Plains Southeast (SwLy).

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)
- DX034A02X126–Loamy Calcareous Pinedale Plateau (LyCa PP)
- DX034A05X122–Loamy Beaver Rim (Ly BR)
- R034AA207UT–Semi-desert Shallow Loam (Black sagebrush)
- R034AA240UT–Semi-desert Shallowbreaks (Bluebunch wheatgrass/ Utah juniper)
- R034AY230WY–Overflow Foothills and Basins West (Ov)
- R034AY244WY–Saline Upland Foothills and Basins West (SU)
- R034AY256WY–Shallow Breaks Foothills and Basins West (SwBr)
- R034AY260WY–Shallow Igneous Foothills and Basins West (SwIg)
- R034AY262WY–Shallow Loamy Foothills and Basins West (SwLy)
- R034AY263WY–Shallow Loamy Calcareous Foothills and Basins West (SwLyCa)
- R034AY266WY–Shallow Sandy Foothills and Basins West (SwSy)

- R034AY274WY–Subirrigated Foothills and Basins West (Sb)
- R034AY276WY–Very Shallow Foothills and Basins West (VS)
- R034AY300CO–Loamy Breaks
- R034AY322WY–Loamy High Plains Southeast (Ly)
- R034AY354WY–Shale High Plains Southeast (Sh)
- R034AY358WY–Shallow Clayey High Plains Southeast (SwCy)
- R034AY362WY–Shallow Loamy High Plains Southeast (SwLy)
- R034AY366WY–Shallow Sandy High Plains Southeast (SwSy)
- R034AY376WY–Very Shallow High Plains Southeast (VS)

Correlated Map Unit Components

23784139, 23725138, 23725218, 23725245, 23724771, 23724854, 23725347, 23724863, 23724898, 24513280, 24513286, 24513290, 24513732, 24514092, 24513870, 24285524, 24289043, 24289048, 24289061, 24289511, 24289515, 24289516, 24300895, 24300648, 24300897, 24300896, 24300907, 24300665, 24300208, 24300942, 24300944, 24300951, 24300450, 24300716, 24300259, 24300727, 24300495, 24300757, 24300318, 24301073, 24300822, 24312081, 24312033, 24312031, 24312242, 24312252, 24445709, 24444932, 24445031, 24444948, 24445524, 24445281, 24444632, 24444643, 24444653, 24445426, 24444679, 24444684, 24444876, 24444863, 24445178, 24444961, 24444879, 24444906, 24445803, 24445690, 24325364, 24325368, 24325108, 24325423, 24325219, 24325221, 24325154, 24325341, 24325464, 24364606, 24364635, 24364582, 24364585, 24364589, 24369746, 24369815, 24369847, 24369862, 24370053, 24370079, 24370280, 24372032, 24372161, 24372222, 24372621, 24375090, 24375100, 24374179, 24374804, 24374789, 24374780

Stage

Provisional

Contributors

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State and transition model

Citations