Ecological site group ESG048A35
Arid/Gypsic Saline Hills

Last updated: 05/10/2022
Accessed: 05/10/2025

Key Characteristics

- Uplands
- <75% bedrock outcrop
- (Gypsum >5% surface or >10% subsurface) OR (surface SAR >8 or subsurface EC>8 or surface EC>4 AND soil moisture regime is aridic) - 56 soil components

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 fans and valley sides.

Climate

This ESG is characterized by the aridic moisture regime.

Soil features

This ESG is characterized by gypsum >5% surface or >10% subsurface or surface SAR >8, subsurface EC >8, or surface EC >4 when the moisture regime is aridic.

Vegetation dynamics

The modal ecological site for this ESG is R048AY247CO - Deep Clay Loam.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY448CO–Mountain Pinyon
- F048AY509UT–High Mountain Loam (Douglas-Fir)
- R048AY238CO–Brushy Loam
- R048AY247CO–Deep Clay Loam
- R048AY248CO–Mountain Clay Loam
- R048AY287CO–Stony Foothills
- R048AY303CO–Loamy Slopes
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY322UT–Upland Shallow Loam (Two-Needle Pinyon / Utah Juniper)
- R048AY332UT–Upland Shallow Stony Loam (Bonneville Big Sagebrush)

Correlated Map Unit Components

21285307, 21285333, 21262243, 21262293, 21262292, 21262345, 21262330, 21262453, 21262332, 21262410,

21262493, 21262412, 21251391, 21251401, 21251439, 21251714, 21245871, 21244760, 21243287, 21243298, 21243301, 21243305, 21243282, 21243326, 21243318, 21243330, 21243310, 21269843, 21242898, 21242881, 21242901, 21242926, 21242927, 21242949, 21242948, 21242977, 21242978, 21243030, 21243014, 21243042, 21243076, 21243091, 21243069, 21243050, 21978824, 21979783, 21981130, 21840571

Stage

Provisional

Contributors

Travis Nauman

State and transition model

Citations