

Ecological site group 034AESG30

Semiarid Cool Deep Rocky

Last updated: 09/11/2024
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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 >55cm
- Rock >30% surface or >30% 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, escarpments, and terraces.

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)
- DX034A02X126–Loamy Calcareous Pinedale Plateau (LyCa PP)
- DX034A02X150–Sandy Pinedale Plateau (Sy PP)
- DX034A05X122–Loamy Beaver Rim (Ly BR)
- R034AA013UT–Semi-Wet Fresh Meadow
- R034AA220UT–Semi-desert Loam (Wyoming big sagebrush/ Bluebunch wheatgrass)
- R034AY208WY–Coarse Upland Foothills and Basins West (CU)
- R034AY212WY–Gravelly Foothills and Basins West (Gr)
- R034AY222WY–Loamy Foothills and Basins West (Ly)
- R034AY228WY–Lowland Foothills and Basins West (LL)

- R034AY230WY–Overflow Foothills and Basins West (Ov)
- R034AY246WY–Sands Foothills and Basins West (Sa)
- R034AY262WY–Shallow Loamy Foothills and Basins West (SwLy)
- R034AY263WY–Shallow Loamy Calcareous Foothills and Basins West (SwLyCa)
- R034AY308WY–Coarse Upland High Plains Southeast (CU)
- R034AY312WY–Gravelly High Plains Southeast (Gr)
- R034AY322WY–Loamy High Plains Southeast (Ly)
- R034AY350WY–Sandy High Plains Southeast (Sy)
- R034AY362WY–Shallow Loamy High Plains Southeast (SwLy)

Correlated Map Unit Components

23784136, 23783722, 23783723, 23783729, 23784138, 23778140, 23778276, 23725167, 23724857, 23725349, 24513444, 24513678, 24513690, 24513263, 24513125, 24513742, 24514135, 24289653, 24289655, 24289449, 24289667, 24289249, 24289732, 24289536, 24289563, 24289348, 24289352, 24289586, 24289776, 24289096, 24289105, 24300177, 24300421, 24300187, 24300436, 24300689, 24300267, 24311891, 24312360, 24311910, 24311858, 24312174, 24312169, 24315846, 24316051, 24315850, 24316057, 24444857, 24444929, 24445065, 24444962, 24445525, 24445526, 24445058, 24445517, 24445212, 24445538, 24445129, 24445133, 24445135, 24445149, 24444899, 24445125, 24445167, 24445427, 24444884, 24445174, 24444875, 24445203, 24445204, 24444881, 24445436, 24445435, 24445437, 24445695, 24445693, 24445701, 24325265, 24325110, 24325153, 24364751, 24364753, 24364755, 24369855, 24369998, 24370071, 24370078, 24370133, 24370135, 24370172, 24371969, 24372099, 24371973, 24372103, 24372107, 24371976, 24371974, 24371983, 24372213, 24372220, 24372254, 24372436, 24372547, 24372852, 24372601, 24372458, 24372441, 24372636, 24372637, 24375089, 24375093, 24375099, 24375104, 24375117

Stage

Provisional

Contributors

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State and transition model

Citations