

Ecological site group 034BESG27

Arid Cool Shallow

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Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- 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: 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 hills, structural benches, and cuestas.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R034BY233UT Semidesert Shallow Loam (Utah Juniper-Pinyon).

Major Land Resource Area

MLRA 034B
Warm Central Desertic Basins and Plateaus

Subclasses

- R034BY106UT–Desert Loam (Shadscale)
- R034BY112UT–Desert Sand (Fourwing Saltbush)
- R034BY118UT–Desert Shallow Loam (Black Sagebrush)
- R034BY121UT–Desert Shallow Loam (Shadscale)
- R034BY130UT–Desert Shallow Sandy Loam (Shadscale)
- R034BY133UT–Desert Very Steep Shallow Loam (Shadscale)
- R034BY212UT–Semidesert Loam (Wyoming Big Sagebrush)
- R034BY214UT–Semidesert Sand (Fourwing Saltbush)
- R034BY225UT–Semidesert Shallow Loam (Wyoming big sagebrush)
- R034BY227UT–Semidesert Shallow Loam (Black Sagebrush)
- R034BY230UT–Semidesert Shallow Loam (Salina Wildrye)

- R034BY233UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R034BY239UT–Semidesert Shallow Sandy Loam (Utah Juniper/Two-Needle Pinyon)
- R034BY315UT–Upland Shallow Clay Loam (Utah Juniper-Pinyon)
- R034BY322UT–Upland Shallow Loam (Two-Needle Pinyon / Utah Juniper)

Correlated Map Unit Components

23732260, 23731924, 23732334, 23730801, 23730312, 23730317, 23730326, 23729948, 23729972, 23729251, 23726052, 23725229, 23725233, 23724836, 23724840, 23725124, 23724879, 23723546, 23723544, 23723448, 23723555, 23723488, 23723677, 23723678, 24509881, 24509885, 24510551, 24510377, 24510285, 24510082, 24510203, 24509978, 24510185, 24510829, 24510311, 24510870, 24510618, 24510673, 24509031, 24508782, 24510627, 24522270, 24522828, 24522689, 24524774, 24524946, 24524406, 24524143, 24523562, 24523568, 24523883, 24525023, 24524274, 24524661, 24524518, 24525432, 24525958, 24526576, 24526094, 24526354, 24526447, 24538312

Stage

Provisional

Contributors

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State and transition model

Citations