

Ecological site group 034BESG21

Arid Cool Loamy Uplands

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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 >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay <20% or texture is sandy loam or sandier in surface

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 fan remnants, structural benches, and outwash terraces.

Climate

This ESG is characterized by the mesic temperature regime and the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R034BY216UT Semidesert Sandy Loam (Fourwing Saltbush).

Major Land Resource Area

MLRA 034B
Warm Central Desertic Basins and Plateaus

Subclasses

- R034BY002UT–Alkali Bottom (Alkali sacaton)
- R034BY006UT–Alkali Flat (Greasewood)
- R034BY009UT–Loamy Bottom (Basin Big Sagebrush)
- R034BY011UT–River Flood Plain (Fremont Cottonwood)
- R034BY018UT–Semiwet Fresh Streambank (Fremont Cottonwood)
- R034BY103UT–Desert Clay (Castlevale saltbush)
- R034BY106UT–Desert Loam (Shadscale)

- R034BY112UT–Desert Sand (Fourwing Saltbush)
- R034BY115UT–Desert Sandy Loam (Indian Ricegrass)
- R034BY118UT–Desert Shallow Loam (Black Sagebrush)
- R034BY121UT–Desert Shallow Loam (Shadscale)
- R034BY133UT–Desert Very Steep Shallow Loam (Shadscale)
- R034BY205UT–Semidesert Gravelly Loam (Wyoming Big Sagebrush)
- R034BY206UT–Semidesert Gravelly Sandy Loam (Wyoming Big Sagebrush)
- R034BY212UT–Semidesert Loam (Wyoming Big Sagebrush)
- R034BY216UT–Semidesert Sandy Loam (Fourwing Saltbush)
- R034BY233UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R034BY247UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R034BY306UT–Upland Loam (Wyoming Big Sagebrush)

Correlated Map Unit Components

23777043, 23732335, 23730802, 23730430, 23730064, 23730190, 23730087, 23730340, 23729204, 23725923, 23725856, 23725854, 23725744, 23724784, 23725118, 23725792, 23724865, 23724866, 23725562, 23725560, 23724838, 23723446, 23723538, 23723647, 23723672, 23723621, 23723624, 23723741, 23723742, 23723506, 23723510, 23723693, 23723548, 23723680, 24510040, 24509830, 24509980, 24510184, 24509975, 24510826, 24510234, 24510839, 24510672, 24510251, 24509991, 24508722, 24509049, 24508153, 24510945, 24508499, 24508505, 24509601, 24509606, 24509616, 24522042, 24522307, 24521773, 24521777, 24524637, 24524949, 24524394, 24524176, 24523528, 24523524, 24524959, 24524649, 24523920, 24524276, 24524660, 24523704, 24525014, 24524672, 24524673, 24524230, 24526173, 24526183, 24525390, 24525887, 24525889, 24525637, 24526195, 24526205, 24525645, 24525668, 24526577, 24526347, 24526566, 24526349, 24526353, 24526356, 24526357, 24526446, 24526585

Stage

Provisional

Contributors

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State and transition model

Citations