

Ecological site group 034BESG23

Arid Cool Saline Hills

Last updated: 07/09/2024
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Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Uplands
- Surface SAR >8
- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Uplands
- Surface SAR <8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC >8 or subsurface EC >4

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 alluvial flats, hills, and strath 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 R034BY006UT Alkali Flat (Greasewood).

Major Land Resource Area

MLRA 034B

Warm Central Desertic Basins and Plateaus

Subclasses

- R034BY002UT–Alkali Bottom (Alkali sacaton)
- R034BY003UT–Alkali Fan (Castlevalley Saltbush)
- R034BY006UT–Alkali Flat (Greasewood)
- R034BY009UT–Loamy Bottom (Basin Big Sagebrush)
- R034BY011UT–River Flood Plain (Fremont Cottonwood)
- R034BY012UT–Sandy Bottom (Fourwing salbush)
- R034BY018UT–Semiwet Fresh Streambank (Fremont Cottonwood)
- R034BY024UT–Wet Saline Meadow (Inland saltgrass)
- R034BY026UT–Wet Saline Streambank (Coyote willow)

- R034BY101UT–Desert Alkali Bench (Castlevalley saltbush)
- R034BY103UT–Desert Clay (Castlevalley saltbush)
- R034BY104UT–Desert Clay (Shadscale)
- R034BY106UT–Desert Loam (Shadscale)
- R034BY109UT–Desert Loamy Clay (Shadscale)
- R034BY115UT–Desert Sandy Loam (Indian Ricegrass)
- R034BY117UT–Desert Shallow Clay (Mat Saltbush)
- R034BY121UT–Desert 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)
- R034BY221UT–Semidesert Shallow Clay (Utah Juniper)
- R034BY247UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R034BY302UT–Upland Clay (Western Wheatgrass)
- R034BY404CO–Semidesert Stony Loam (Shadscale)

Correlated Map Unit Components

23730426, 23730654, 23730466, 23730496, 23730550, 23730408, 23730583, 23730494, 23729904, 23730048, 23730177, 23730057, 23730203, 23730237, 23729988, 23730245, 23729990, 23730383, 23730005, 23729984, 23729060, 23729243, 23729101, 23729326, 23729164, 23728591, 23728525, 23726084, 23725829, 23725903, 23725907, 23725909, 23726144, 23724808, 23724809, 23725618, 23725032, 23725493, 23724798, 23724628, 23725353, 23725361, 23724601, 23723717, 23723735, 23723711, 23723530, 23723652, 23723486, 23723703, 23723692, 23723600, 23723602, 23723469, 23723668, 23723583, 24510555, 24510550, 24510034, 24509997, 24510324, 24510320, 24510246, 24510138, 24509910, 24509949, 24510545, 24510544, 24510534, 24510351, 24510005, 24508732, 24509234, 24508996, 24508769, 24509020, 24509288, 24509028, 24508776, 24509033, 24509041, 24509050, 24509057, 24509315, 24509562, 24509568, 24509576, 24509571, 24509065, 24508141, 24507887, 24508144, 24507636, 24507634, 24508433, 24508163, 24508165, 24507914, 24508171, 24508170, 24507922, 24508181, 24507927, 24507667, 24507669, 24508202, 24507956, 24507954, 24508210, 24507963, 24507964, 24508489, 24508492, 24508495, 24508508, 24508510, 24509364, 24509624, 24509629, 24509632, 24509639, 24509647, 24509385, 24509387, 24508875, 24507751, 24507755, 24507758, 24508244, 24508550, 24508556, 24508023, 24507787, 24510498, 24521710, 24521717, 24522496, 24522497, 24521989, 24522503, 24521746, 24522532, 24522292, 24521753, 24521757, 24521762, 24522297, 24522033, 24522317, 24521790, 24521795, 24521796, 24521803, 24522070, 24522583, 24522586, 24522703, 24524201, 24524632, 24524189, 24523933, 24524924, 24524775, 24525054, 24525053, 24524153, 24524238, 24524239, 24524491, 24523889, 24523885, 24524785, 24523356, 24524690, 24523873, 24524367, 24524719, 24524931, 24524613, 24523765, 24524125, 24523527, 24525077, 24525079, 24524907, 24523909, 24524725, 24523723, 24524483, 24523924, 24523907, 24523378, 24523375, 24526160, 24525364, 24525858, 24525860, 24525367, 24525876, 24525379, 24525381, 24526180, 24525384, 24525890, 24525630, 24525910, 24526213, 24526245, 24526248, 24526583, 24526444, 24526355, 24526480, 24526483

Stage

Provisional

Contributors

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State and transition model

Citations