

Ecological site group 035XESG09

Arid Cool Saline Hills

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Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Cryic, frigid, or mesic temperature regimes
- Uplands
- Surface SAR>8
- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Cryic, frigid, or mesic temperature regimes
- Uplands
- Surface SAR<8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC>8 or surface 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 flood plains, stream terraces, and hills.

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 R035XB022NM Loamy Upland 6-10"p.z. sodic.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I112–Loamy Wash 10-14" p.z.
- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X03A120–Swale
- DX035X03E003–Limy
- DX035X03E005–Salt Flats
- R035XB008NM–Sodic Slopes
- R035XB009NM–Shale Hills

- R035XB016NM–Clay Loam Terrace (Sodic) 7-10"
- R035XB022NM–Loamy Upland 6-10" p.z. sodic
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB209AZ–Loamy Wash 6-10" p.z.
- R035XB211AZ–Loamy Wash 6-10" p.z. Saline-Sodic
- R035XB212AZ–Loamy Bottom 6-10" p.z. Ephemeral
- R035XB216AZ–Sandy Wash 6-10" p.z.
- R035XB220AZ–Shale Upland 6-10" p.z.
- R035XB223AZ–Sandy Upland 6-10" p.z. Sodic
- R035XB224AZ–Clayey Slopes 6-10" p.z. Bouldery
- R035XB225AZ–Clay Loam Upland 6-10" p.z. Sodic
- R035XB227AZ–Sandy Loam Upland 6-10" p.z. Saline-Sodic
- R035XB228AZ–Sandstone Upland 6-10" p.z. Sodic
- R035XB237AZ–Clay Loam Terrace 6-10" p.z. Sodic
- R035XB238AZ–Sandy Terrace 6-10" p.z. Sodic
- R035XB268AZ–Shale Hills 6-10" p.z.
- R035XB271AZ–Loamy Upland 6-10" p.z. Saline-Sodic
- R035XB272AZ–Loamy Bottom 6-10" p.z. Perennial, Saline
- R035XB274AZ–Sandy Loam Upland 6-10" p.z. Saline
- R035XB275AZ–Loamy Fan 6-10" p.z.
- R035XB276AZ–Siltstone Upland 6-10" p.z. Saline
- R035XB277AZ–Siltstone Upland 6-10" p.z. Limy
- R035XB279AZ–Clay Loam Upland 6-10" p.z. Sodic, Gypsic
- R035XB282AZ–Tephra Upland 6-10" p.z. Sodic
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC320AZ–Shale Hills 10-14" p.z.
- R035XC327AZ–Clayey Upland 10-14" p.z. Sodic
- R035XD410AZ–Saline Upland 7-11" p.z. Loamy
- R035XY003UT–Alkali Bottom (Greasewood)
- R035XY006UT–Alkali Fan (Valley Saltbush)
- R035XY009UT–Alkali Flat (Greasewood)
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY012UT–Semiwet Saline Streambank (Fremont Cottonwood)
- R035XY101UT–Desert Alkali Sandy Loam (Alkali Sacaton)
- R035XY103UT–Desert Clay (Castle Valley Saltbush)
- R035XY109UT–Desert Loam (Shadscale)
- R035XY122UT–Desert Shallow Loam (Shadscale)
- R035XY124UT–Desert Shallow Clay (Mat Saltbush)
- R035XY125UT–Desert Shallow Clay (Shadscale)
- R035XY142UT–Desert Very Shallow Gypsum (Torrey's Jointfir)
- R035XY223UT–Semidesert Shallow Clay (Mat Saltbush)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY242UT–Semidesert Gravelly Loam (Shadscale)
- R035XY262CO–Salt Flats
- R035XY403CO–Clayey Salt Desert
- R035XY406CO–Salt Desert Breaks
- R035XY410CO–Silty salt desert
- R035XY413CO–Alkali Bottom
- R035XY414CO–Alkali Flat

Correlated Map Unit Components

24447291, 23735337, 23735276, 23735118, 23735250, 23735263, 23735042, 23735484, 23735247, 23735246, 23735110, 23735113, 23735408, 23735409, 23735184, 23735232, 23735235, 23735436, 23735450, 23735448, 23735330, 23735395, 23735396, 23735508, 23735064, 23734789, 23734984, 23734597, 23734599, 23734468, 23734463, 23731864, 23732232, 23732025, 23731934, 23732317, 24504300, 24504447, 24504305, 24504382,

24504455, 24504398, 24504533, 24504538, 24504332, 24504337, 24504335, 24504338, 24504430, 24504425, 24504349, 24365791, 24326934, 24327081, 24326951, 24327094, 24327093, 24327092, 24327223, 24326961, 24327367, 24446674, 24446031, 24446036, 24446055, 24446062, 24446083, 24446085, 24446093, 24446098, 24446110, 24446670, 24446673, 24446634, 24446633, 24446114, 24446121, 24446124, 24446129, 24446148, 24446154, 24446156, 24446174, 24446176, 24446649, 24446178, 24446182, 24446188, 24446256, 24446411, 24446653, 24446651, 24446416, 24446414, 24446427, 24446445, 24446461, 24446477, 24446491, 24446493, 24528967, 24529459, 24529463, 24529466, 24529244, 24528733, 24529248, 24528735, 24529250, 24529011, 24528747, 24529263, 24529261, 24528748, 24529489, 24529493, 24529491, 24529016, 24528767, 24529528, 24529533, 24529070, 24529299, 24529074, 24528848, 24528850, 24529423, 24529424, 24529933, 24530531, 24530245, 24529963, 24533061, 24533130, 24533134, 24532978, 24532984, 24533169, 24539092, 24539050, 24539051, 24538571, 24539206, 24538986, 24538330, 24538331, 24538972, 24538973, 24539135, 24539134, 24539121, 24539123, 24539068, 24539170, 24538968, 24538970, 24539149, 24539145, 24539064, 24538176, 24538325, 24538552, 24538551, 24540897, 24540796, 24482018, 24505057, 24491179, 24491142, 24491143, 24491144, 24491231, 24491150, 24491152, 24491155, 24491156, 24491237, 24491191, 24491240, 24491196, 24491158, 24491160, 24491163, 24491172, 24491312, 24491216, 24489051, 24488991, 24489006, 24489151, 24476448, 24476374, 24446690, 24446770, 24446769, 24446796, 24446794, 24446731, 24446729, 24446799, 24446792, 24446789, 24446734, 24446735, 24489233, 24489184, 24489185, 24489186, 24489194, 24489207, 24489211, 24447062, 24447244, 24447021, 24447045, 24447085, 24447084, 24446971, 24447246, 24447248, 24447249, 24447060, 24447059, 24447058, 24447307, 24446947, 24447094, 24447256, 24447072, 24447051, 24447079, 24447088, 24446935, 24446914, 24446978, 24447107, 24447106

Stage

Provisional

Contributors

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State and transition model

Citations