

Ecological site group 035XESG10

Arid Cool Saline Uplands

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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
- Gypsum <5% surface and <10% subsurface
- Subsurface EC<8 and surface EC<4
- EC >1.5 surface or >2 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 stream terraces, flood plains, and fan remnants.

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 R035XY130UT Desert Shallow Sandy Loam (Shadscale).

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I112–Loamy Wash 10-14" p.z.
- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X03A112–Loamy
- DX035X03E001–Loamy
- DX035X03E002–Sandy
- DX035X03E003–Limy
- DX035X03E004–Clayey
- DX035X03E006–Shallow
- DX035X03E007–Deep Sand
- DX035X04B204–Sandstone Upland 6-10" p.z.
- DX035X04B314–Sandstone Upland 10-14" p.z.
- DX035X04B335–Sandstone/Shale Hills 10-14" p.z.
- F035XC322AZ–Sandstone Upland 10-14" p.z. (JUOS)

- R035XA130NM–Shale Hills 10-14"p.z.
- R035XB016NM–Clay Loam Terrace (Sodic) 7-10"
- R035XB017NM–Cobbly Slopes 6-10"
- R035XB018NM–Loamy Bottom 6-10"
- R035XB021NM–Loamy Upland 7-10
- R035XB022NM–Loamy Upland 6-10"p.z. sodic
- R035XB024NM–Saline Bottom 6-10"
- R035XB028NM–Sandy Bottom 6-10"
- R035XB030NM–Sandy Loam Upland 6-10"
- R035XB033NM–Sandy Loam Upland 6-10" sodic
- R035XB034NM–Sandy Terrace 6-10" sodic
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB202AZ–Clayey Wash 6-10" p.z.
- R035XB203AZ–Clay Loam Upland 6-10" p.z. Saline
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB211AZ–Loamy Wash 6-10" p.z. Saline-Sodic
- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XB216AZ–Sandy Wash 6-10" p.z.
- R035XB217AZ–Sandy Upland 6-10" p.z.
- R035XB220AZ–Shale Upland 6-10" p.z.
- R035XB222AZ–Sandy Terrace 6-10" p.z.
- R035XB229AZ–Cobbly Slopes 6-10" p.z. Saline
- R035XB231AZ–Basalt Upland 6-10" p.z.
- R035XB238AZ–Sandy Terrace 6-10" p.z. Sodic
- R035XB239AZ–Clayey Fan 6-10" p.z.
- R035XB267AZ–Sandy Loam Upland 6-10" p.z. Limy
- R035XB268AZ–Shale Hills 6-10" p.z.
- R035XB270AZ–Porcelanite Hills 6-10" p.z.
- R035XB272AZ–Loamy Bottom 6-10" p.z. Perennial, Saline
- R035XB273AZ–Sandy Bottom 6-10" p.z. Perennial
- R035XB274AZ–Sandy Loam Upland 6-10" p.z. Saline
- R035XB275AZ–Loamy Fan 6-10" p.z.
- R035XC307AZ–Clay Loam Upland 10-14" p.z.
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC317AZ–Sandy Loam Upland 10-14" p.z.
- R035XC326AZ–Sandy Loam Upland 10-14" p.z. Saline
- R035XC328AZ–Cobbly Slopes 10-14" p.z.
- R035XC331AZ–Shallow Upland 10-14" p.z. Warm
- R035XC340AZ–Basalt Slopes 10-14" p.z. Calcareous
- R035XD409AZ–Loamy Upland 7-11" p.z.
- R035XD418AZ–Clay Loam Bottom 7-11" p.z.
- R035XY003UT–Alkali Bottom (Greasewood)
- R035XY009UT–Alkali Flat (Greasewood)
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY012UT–Semiwet Saline Streambank (Fremont Cottonwood)
- R035XY015UT–Sandy Bottom
- R035XY018UT–Talus Slope (Blackbrush-Shadscale)
- R035XY101UT–Desert Alkali Sandy Loam (Alkali Sacaton)
- R035XY103UT–Desert Clay (Castle Valley Saltbush)
- R035XY109UT–Desert Loam (Shadscale)
- R035XY118UT–Desert Sandy Loam (Fourwing Saltbush)
- R035XY122UT–Desert Shallow Loam (Shadscale)
- R035XY130UT–Desert Shallow Sandy Loam (Shadscale)
- R035XY133UT–Desert Shallow Sandy Loam (Blackbrush)
- R035XY136UT–Desert Stony Loam (Shadscale-Bud Sagebrush)
- R035XY139UT–Desert Stony Loam (Blackbrush)
- R035XY146UT–Desert Very Steep Stony Loam (Shadscale)

- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY215UT–Semidesert Sandy Loam (4-Wing Saltbush)
- R035XY216UT–Semidesert Sandy Loam (Wyoming Big Sagebrush)
- R035XY218UT–Semidesert Sandy Loam (Blackbrush)
- R035XY223UT–Semidesert Shallow Clay (Mat Saltbush)
- R035XY229UT–Semidesert Shallow Sandy Loam
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY233UT–Semidesert Shallow Sandy Loam (Blackbrush)
- R035XY236UT–Semidesert Shallow Sandy Loam (Utah Juniper, Blackbrush)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY242UT–Semidesert Gravelly Loam (Shadscale)
- R035XY246UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R035XY260UT–Semidesert Very Steep Stony Loam (Salina Wildrye)
- R035XY402CO–Sandy Saltdesert
- R035XY403CO–Clayey Salt Desert
- R035XY406CO–Salt Desert Breaks
- R035XY410CO–Silty saltdesert
- R035XY413CO–Alkali Bottom
- R035XY414CO–Alkali Flat

Correlated Map Unit Components

24477252, 24477258, 24477267, 24505055, 24484680, 23735046, 23735492, 23735273, 23735550, 23735217, 23735220, 23735328, 23735229, 23735393, 23734784, 23734414, 23734624, 23732227, 23731858, 23732100, 23732104, 23731865, 23732235, 23731971, 23732002, 23732139, 23732270, 23732024, 24489665, 24489691, 24489666, 24489667, 24504383, 24504518, 24504460, 24504394, 24504524, 24504529, 24504464, 24504317, 24504466, 24504321, 24504399, 24504405, 24504401, 24504542, 24504471, 24504329, 24504475, 24504409, 24504411, 24504325, 24504323, 24504415, 24504478, 24504418, 24504481, 24504482, 24504483, 24504484, 24504555, 24504562, 24504354, 24504493, 24504564, 24504567, 24504573, 24504576, 24504359, 24504437, 24504439, 24504442, 24504443, 24504504, 24504500, 24366994, 24367115, 24367120, 24324012, 24326942, 24327431, 24327432, 24327444, 24326962, 24446019, 24446021, 24446027, 24446042, 24446050, 24446057, 24446071, 24446090, 24446620, 24446099, 24446110, 24446669, 24446625, 24446627, 24446118, 24446125, 24446134, 24446137, 24446139, 24446641, 24446161, 24446190, 24446193, 24446207, 24446211, 24446615, 24446227, 24446401, 24446420, 24446515, 24524817, 24524816, 24524479, 24524740, 24524739, 24524831, 24525391, 24526208, 24529469, 24529005, 24528755, 24529269, 24528758, 24529014, 24529017, 24529024, 24529023, 24529041, 24528777, 24529529, 24529554, 24529562, 24529092, 24528945, 24529421, 24530810, 24530816, 24530211, 24530212, 24529995, 24533378, 24533377, 24533433, 24533431, 24532984, 24533466, 24533469, 24533471, 24533143, 24532993, 24533140, 24533327, 24533023, 24538570, 24539205, 24539208, 24538568, 24538567, 24538560, 24539177, 24539169, 24539171, 24539109, 24539147, 24539143, 24539046, 24538777, 24539065, 24539087, 24538898, 24538159, 24538162, 24538666, 24538668, 24538182, 24538951, 24538557, 24538310, 24540710, 24540999, 24540853, 24540851, 24540785, 24540909, 24540910, 24541002, 24540818, 24540921, 24541021, 24484682, 24484683, 24484685, 24484702, 24484744, 24484745, 24484768, 24484941, 24484942, 24484890, 24491182, 24491204, 24491212, 24491310, 24491264, 24489121, 24488949, 24488948, 24489139, 24489038, 24488972, 24476232, 24476238, 24476239, 24476401, 24476336, 24476366, 24476326, 24476246, 24476248, 24476082, 24476085, 24446806, 24446815, 24446813, 24446772, 24446820, 24446824, 24489181, 24489182, 24489200, 24446899, 24446933, 24447110, 24446961, 24446907, 24447168, 24447092, 24446950, 24447090, 24446913, 24447118, 24447112, 24447300, 23735262, 23735443, 23735398, 23735402, 23735119, 23735517, 23735032, 23735240, 23735239, 23735090, 23735501, 23735362, 23735497, 23735134, 23735356

Stage

Provisional

Contributors

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State and transition model

Citations