

Ecological site group 035XESG07

Arid Cool Loamy 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 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 terraces, plateaus, and stream 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 R035XC317AZ Sandy Loam Upland 10-14" p.z.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I104–Clay Loam Wash 10-14" p.z.
- DX035X01I112–Loamy Wash 10-14" p.z.
- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X03A112–Loamy
- DX035X03A113–Sandy

- DX035X03E001–Loamy
- DX035X03E002–Sandy
- DX035X03E005–Salt Flats
- F035XC323AZ–Sandy Upland 10-14" p.z. (JUOS)
- F035XC332AZ–Sandy Bottom 10-14" (PODEW, SAEX), Perennial (Provisional)
- R035XA111AZ–Limy Upland 10-14" p.z.
- R035XB021NM–Loamy Upland 7-10
- R035XB030NM–Sandy Loam Upland 6-10"
- R035XB203AZ–Clay Loam Upland 6-10" p.z. Saline
- R035XB209AZ–Loamy Wash 6-10" p.z.
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB219AZ–Sandy Loam Upland 6-10" p.z.
- R035XB220AZ–Shale Upland 6-10" p.z.
- R035XB227AZ–Sandy Loam Upland 6-10" p.z. Saline-Sodic
- R035XB232AZ–Limestone/Sandstone Upland 6-10" p.z.
- R035XB238AZ–Sandy Terrace 6-10" p.z. Sodic
- R035XB239AZ–Clayey Fan 6-10" p.z.
- R035XB273AZ–Sandy Bottom 6-10" p.z. Perennial
- R035XC307AZ–Clay Loam Upland 10-14" p.z.
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC317AZ–Sandy Loam Upland 10-14" p.z.
- R035XC331AZ–Shallow Upland 10-14" p.z. Warm
- R035XC334AZ–Sandy Loam Upland 10-14" p.z. Calcareous
- R035XD409AZ–Loamy Upland 7-11" p.z.
- R035XD413AZ–Sandy Loam Upland 7-11" p.z. Calcareous
- R035XD414AZ–Sandy Loam Upland 7-11" p.z.
- R035XY003UT–Alkali Bottom (Greasewood)
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY013UT–Semiwet Fresh Streambank (Fremont Cottonwood)
- R035XY015UT–Sandy Bottom
- R035XY018UT–Talus Slope (Blackbrush-Shadscale)
- R035XY022UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - C5/F5 Stream Types)
- R035XY032UT–Ephemeral Canyon Scrub
- R035XY101UT–Desert Alkali Sandy Loam (Alkali Sacaton)
- R035XY109UT–Desert Loam (Shadscale)
- R035XY118UT–Desert Sandy Loam (Fourwing Saltbush)
- R035XY121UT–Desert Sandy Loam (Blackbrush)
- 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)
- R035XY219UT–Semidesert Sandy Loam (Indian Ricegrass - Galleta)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY242UT–Semidesert Gravelly Loam (Shadscale)
- R035XY246UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)
- R035XY402CO–Sandy Saltdesert
- R035XY414CO–Alkali Flat

Correlated Map Unit Components

24477063, 24477064, 24477215, 24477220, 24477226, 24477238, 24481980, 24481983, 24481984, 24481986, 24481995, 24482008, 24482009, 24482012, 24482027, 24482031, 24482028, 24482033, 24482045, 24482050, 24482059, 24482066, 24482071, 24482074, 24482078, 24482086, 24505142, 24505144, 24505151, 24505155, 24505160, 24505096, 24505058, 24484746, 24491181, 24491226, 24491228, 24491184, 24491187, 24491232, 24491189, 24491165, 24491200, 24491205, 24491294, 24491176, 24483036, 24483017, 24483004, 24483731,

24483820, 24478836, 24478717, 24489010, 24489119, 24489152, 24488952, 24488951, 24488995, 24489017, 24476404, 24476402, 24476293, 24476354, 24476343, 24476055, 24476054, 24476095, 24476060, 24476088, 24476090, 24476094, 24446712, 24446758, 24446787, 24446883, 24446860, 24446693, 24446730, 24446800, 24446889, 24446766, 24446862, 24446779, 24446842, 24446846, 24446845, 24446717, 24489180, 24489240, 24489235, 24489234, 24489215, 24489188, 24489168, 24489199, 24489223, 24489225, 24489224, 24489172, 24489171, 24489195, 24489174, 24489210, 24446900, 24447230, 24447137, 24446983, 24446984, 24446980, 24446981, 24447022, 24446986, 24446898, 24447181, 24447180, 24446966, 24446967, 24446964, 24447239, 24447251, 24447077, 24447236, 24446926, 24446920, 24446919, 24447234, 24447299, 24446945, 24446944, 24446948, 24447096, 24447097, 24447271, 24447270, 24447036, 24447035, 24447006, 24446958, 24447048, 24446936, 24446976, 24447262, 24447028, 24446940, 24446969, 24447288, 23735071, 23735358, 23735052, 23735182, 23735179, 23734358, 23734637, 23734445, 23732110, 23731899, 23732010, 23732283, 23732178, 23732319, 24504535, 24504536, 24504553, 24504578, 24504433, 24310905, 24310739, 24313408, 24313409, 24367049, 24365788, 24365790, 24323530, 24323934, 24323971, 24323983, 24323702, 24323803, 24327440, 24327438, 24327439, 24326929, 24326928, 24327452, 24326943, 24327330, 24327217, 24327098, 24327233, 24327445, 24327316, 24327333, 24446107, 24446116, 24446143, 24446144, 24446397, 24446518, 24525397, 24528253, 24529232, 24528984, 24529260, 24528762, 24528769, 24529040, 24528800, 24529319, 24529100, 24528827, 24529340, 24528845, 24529417, 24530513, 24530520, 24530203, 24530201, 24529931, 24530835, 24530230, 24530555, 24530561, 24529960, 24529959, 24530845, 24533522, 24533600, 24533602, 24533392, 24533593, 24533610, 24533608, 24533609, 24533087, 24533236, 24533234, 24533257, 24533518, 24533564, 24533214, 24533303, 24533148, 24533479, 24533501, 24533010, 24533339, 24533344, 24538580, 24538581, 24538582, 24539076, 24539105, 24538803, 24539209, 24539014, 24538979, 24538995, 24539031, 24538993, 24539004, 24539080, 24539078, 24538578, 24538577, 24539124, 24539067, 24539037, 24539049, 24539185, 24539180, 24539181, 24539003, 24538775, 24539128, 24538906, 24538271, 24538270, 24538650, 24540797, 24540667, 24540976, 24540998, 24540706, 24540787, 24540876, 24540863, 24540719, 24540938, 24540939, 24540820, 24540824

Stage

Provisional

Contributors

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State and transition model

Citations