

Ecological site group 035XESG12

Arid Cool Sandy Uplands

Last updated: 05/01/2024

Accessed: 05/20/2024

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 loamy sand or sandier in surface & 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 structural benches and dune fields.

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 R035XC315AZ Sandy Upland 10-14" p.z.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X03A115–Deep Sand
- DX035X03E002–Sandy
- DX035X03E007–Deep Sand
- R035XA118AZ–Sandy Upland 10-14" p.z.
- R035XB020NM–Loamy 6-10" terrace

- R035XB021NM–Loamy Upland 7-10
- R035XB028NM–Sandy Bottom 6-10"
- R035XB030NM–Sandy Loam Upland 6-10"
- R035XB035NM–Sandy Upland 6-10"
- R035XB206AZ–Sandy Upland 6-10" p.z. Warm
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XB216AZ–Sandy Wash 6-10" p.z.
- R035XB217AZ–Sandy Upland 6-10" p.z.
- R035XB219AZ–Sandy Loam Upland 6-10" p.z.
- R035XB222AZ–Sandy Terrace 6-10" p.z.
- R035XB223AZ–Sandy Upland 6-10" p.z. Sodic
- R035XB227AZ–Sandy Loam Upland 6-10" p.z. Saline-Sodic
- R035XB233AZ–Limestone/Sandstone Upland 6-10" p.z. Saline
- R035XB235AZ–Sandy Loam Upland 6-10" p.z. Warm
- R035XB238AZ–Sandy Terrace 6-10" p.z. Sodic
- R035XB267AZ–Sandy Loam Upland 6-10" p.z. Limy
- R035XB273AZ–Sandy Bottom 6-10" p.z. Perennial
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC315AZ–Sandy Upland 10-14" p.z.
- R035XC317AZ–Sandy Loam Upland 10-14" p.z.
- R035XC326AZ–Sandy Loam Upland 10-14" p.z. Saline
- R035XC334AZ–Sandy Loam Upland 10-14" p.z. Calcareous
- R035XC373AZ–Sandy Upland 10-14" p.z. Warm
- R035XC377AZ–Sandy Slopes 10-14" p.z.
- R035XD412AZ–Sandy Upland 7-11" p.z.
- R035XY003UT–Alkali Bottom (Greasewood)
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY012UT–Semiwet Saline Streambank (Fremont Cottonwood)
- R035XY015UT–Sandy Bottom
- R035XY019UT–Shallow Sand Rock Pocket (Utah Juniper/Two-Needle Pinyon)
- R035XY022UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - C5/F5 Stream Types)
- R035XY101UT–Desert Alkali Sandy Loam (Alkali Sacaton)
- R035XY115UT–Desert Sand (Sand Sagebrush)
- R035XY118UT–Desert Sandy Loam (Fourwing Saltbush)
- R035XY121UT–Desert Sandy Loam (Blackbrush)
- R035XY139UT–Desert Stony Loam (Blackbrush)
- R035XY210UT–Semidesert Sand (Blackbrush)
- R035XY211UT–Semidesert Sand (Dune)
- R035XY212UT–Semidesert Sand (Fourwing Saltbush)
- R035XY215UT–Semidesert Sandy Loam (4-Wing Saltbush)
- R035XY218UT–Semidesert Sandy Loam (Blackbrush)
- R035XY227UT–Semidesert Shallow Sand (Utah Juniper-Pinyon)
- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)
- R035XY309UT–Upland Sand (Mormon Tea)
- R035XY411CO–Desert Sand
- R035XY414CO–Alkali Flat

Correlated Map Unit Components

24476312, 24476344, 24446697, 24446698, 24446699, 24446710, 24446760, 24446884, 24446683, 24446805, 24446809, 24446811, 24446804, 24446888, 24446886, 24446839, 24446837, 24446838, 24446866, 24446863, 24446817, 24446830, 24446844, 24446841, 24446828, 24446790, 24446739, 24489167, 24489201, 24489202, 24489170, 24489222, 24489193, 24489217, 24489197, 24489176, 24447136, 24447044, 24447109, 24446987, 24447103, 24446937, 24447176, 24447175, 24446955, 24446974, 24447041, 24447179, 24447157, 24447268, 24447269, 24447005, 24447066, 24447064, 24446957, 24447047, 24446910, 24447263, 24446953, 24446951, 24447055, 24447029, 24447104, 23735372, 23735269, 23735187, 23734454, 24504385, 24504403, 24504324,

24504549, 24504423, 24504428, 24504356, 24504357, 24504360, 24504495, 24504435, 24504352, 24504490, 24367061, 24324011, 24326935, 24327451, 24326941, 24326950, 24327218, 24327097, 24327323, 24446041, 24446051, 24446067, 24446097, 24446658, 24446637, 24446164, 24446197, 24446405, 24446413, 24446425, 24446433, 24446436, 24446439, 24446447, 24446453, 24446457, 24446465, 24446470, 24446471, 24446483, 24446482, 24446495, 24446507, 24523420, 24528977, 24528714, 24529237, 24529235, 24528721, 24528730, 24528982, 24528980, 24528737, 24529502, 24528754, 24529273, 24529272, 24529019, 24529027, 24529275, 24529511, 24529513, 24529518, 24529519, 24529282, 24528799, 24529306, 24528805, 24529309, 24529071, 24529078, 24529083, 24529085, 24529312, 24529560, 24529564, 24528820, 24529333, 24529332, 24528828, 24528831, 24529568, 24529350, 24529176, 24528940, 24529914, 24530522, 24530540, 24529946, 24530228, 24530559, 24530558, 24529953, 24530577, 24533536, 24533044, 24533041, 24533287, 24533285, 24533283, 24533126, 24533128, 24533072, 24533594, 24533220, 24533221, 24533219, 24533381, 24533086, 24533079, 24533077, 24533223, 24533222, 24533568, 24533565, 24533075, 24533563, 24533217, 24533216, 24533071, 24533068, 24533067, 24533590, 24533203, 24533206, 24533599, 24532971, 24533447, 24533446, 24533297, 24533305, 24533474, 24533473, 24533312, 24533310, 24533314, 24533138, 24533324, 24533320, 24533482, 24533017, 24533492, 24533498, 24533157, 24533012, 24533172, 24535035, 24538998, 24539030, 24539196, 24539018, 24539212, 24539038, 24539183, 24539001, 24539002, 24539153, 24538780, 24538808, 24539009, 24538563, 24538564, 24538575, 24538700, 24538236, 24538904, 24538903, 24538242, 24538241, 24538240, 24538248, 24538246, 24538472, 24538253, 24538704, 24538705, 24538706, 24538909, 24538907, 24538913, 24538411, 24538158, 24538149, 24538148, 24538170, 24538171, 24538172, 24538955, 24538762, 24538328, 24538329, 24538959, 24538961, 24538305, 24538303, 24538323, 24538758, 24538553, 24540970, 24540798, 24540669, 24540904, 24540977, 24540703, 24540783, 24540896, 24540770, 24540997, 24540681, 24540795, 24540753, 24540752, 24540779, 24540974, 24540892, 24540981, 24540802, 24540800, 24540756, 24540713, 24540880, 24540858, 24540859, 24540905, 24540700, 24540913, 24477193, 24477194, 24482056, 24482057, 24482073, 24482098, 24482099, 24505082, 24505115, 24505085, 24505145, 24505065, 24505100, 24505165, 24505168, 24505106, 24505134, 24484848, 24484887, 24484898, 24484947, 24491281, 24491249, 24491174, 24491259, 24489059, 24489141, 24489142, 24489140, 24488976, 24489050, 24489118, 24489115, 24489117, 24489120, 24489153, 24489133, 24488932, 24488931, 24488933, 24489065, 24489147, 24489144, 24488994, 24489035, 24489036, 24489108, 24488941, 24488997, 24489079, 24489137, 24489132, 24489131, 24489103, 24489098, 24489097, 24489068, 24489149, 24489037, 24489027, 24476440, 24476441, 24476426, 24476284, 24476282, 24476231, 24476237, 24476234, 24476285, 24476428, 24476361, 24476369, 24476370, 24476372, 24476373, 24476275, 24476276, 24476262, 24476260, 24476414, 24476226, 24476228, 24476257, 24476255, 24476258, 24476384, 24476270, 24476268, 24476409, 24476295, 24476289, 24476288, 24476290, 24476376, 24476378, 24476298, 24476264, 24476337, 24476339, 24476340, 24476333, 24476418, 24476241, 24476420, 24476356, 24476357, 24476320, 24476455, 24476303, 24476304, 24476381, 24476382, 24476316, 24476442, 24476368, 24476445, 24476397, 24476387, 24476408, 24476325

Stage

Provisional

Contributors

Travis Nauman
Curtis Talbot

State and transition model

Citations