

Ecological site group 035XESG13

Arid Cool Shallow

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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: 30-55cm

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 plateaus, structural benches, and mesas.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XC319AZ Limestone/Sandstone Upland 10-14" p.z.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X03A121–Shallow Sandstone
- DX035X03E006–Shallow
- DX035X04B204–Sandstone Upland 6-10" p.z.
- DX035X04B314–Sandstone Upland 10-14" p.z.
- DX035X04B321–Sandstone Hills 10-14" p.z.
- DX035X04B335–Sandstone/Shale Hills 10-14" p.z.
- F035XA121AZ–Shallow Loam 10-14" p.z. Cobbly (JUOS)
- F035XC322AZ–Sandstone Upland 10-14" p.z. (JUOS)
- R035XA101AZ–Breaks 10-14" p.z.

- R035XA102AZ–Tephra Hills, Loamy 10-14" p.z.
- R035XA107AZ–Clay Loam Upland 10-14" p.z.
- R035XA108AZ–Tephra Uplands 10-14" p.z.
- R035XA115AZ–Sandstone Upland 10-14" p.z.
- R035XA119AZ–Shallow Loamy 10-14" p.z.
- R035XA125AZ–Limy Upland 10-14" p.z. Shallow
- R035XA128AZ–Tephra Uplands, Loamy 10-14" p.z.
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB211AZ–Loamy Wash 6-10" p.z. Saline-Sodic
- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XB217AZ–Sandy Upland 6-10" p.z.
- R035XB226AZ–Sandstone/Shale Upland 6-10" p.z. Warm
- R035XB230AZ–Sandstone Upland 6-10" p.z. Very Shallow, Warm
- R035XB231AZ–Basalt Upland 6-10" p.z.
- R035XB232AZ–Limestone/Sandstone Upland 6-10" p.z.
- R035XB233AZ–Limestone/Sandstone Upland 6-10" p.z. Saline
- R035XB234AZ–Sandstone Upland 6-10" p.z. Warm
- R035XC301AZ–Basalt Upland 10-14" p.z.
- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC308AZ–Limestone/Sandstone Hills 10-14" p.z.
- R035XC310AZ–Limy Slopes 10-14" p.z.
- R035XC311AZ–Limy Upland 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC319AZ–Limestone/Sandstone Upland 10-14" p.z.
- R035XC320AZ–Shale Hills 10-14" p.z.
- R035XC325AZ–Cobbly Slopes 10-14" p.z. Saline
- R035XC331AZ–Shallow Upland 10-14" p.z. Warm
- R035XC333AZ–Sandstone Upland 10-14" p.z. Warm
- R035XC339AZ–Shallow Sandy Loam 10-14" p.z. Calcareous
- R035XC344AZ–Limy Slopes 10-14" p.z. Calcareous
- R035XC347AZ–Basalt Hills 10-14" p.z. Cobbly
- R035XC348AZ–Limestone Hills 10-14" p.z.
- R035XC371AZ–Sandy Slopes 10-14" p.z. Bouldery
- R035XD411AZ–Sandstone Upland 7-11" p.z.
- R035XD415AZ–Shallow Loamy 7-11" p.z.
- R035XE517AZ–Limy Slopes 6-10" p.z. Shallow
- R035XE519AZ–Limy Upland 6-10" p.z. Shallow
- R035XF601AZ–Sedimentary Cliffs 13-17" p.z.
- R035XH809AZ–Sedimentary Cliffs 17-25" p.z.
- R035XY019UT–Shallow Sand Rock Pocket (Utah Juniper/Two-Needle Pinyon)
- R035XY122UT–Desert Shallow Loam (Shadscale)
- R035XY124UT–Desert Shallow Clay (Mat Saltbush)
- R035XY125UT–Desert Shallow Clay (Shadscale)
- R035XY130UT–Desert Shallow Sandy Loam (Shadscale)
- R035XY133UT–Desert Shallow Sandy Loam (Blackbrush)
- R035XY146UT–Desert Very Steep Stony Loam (Shadscale)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY221UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R035XY224UT–Semidesert Shallow Sand (Blackbrush)
- R035XY225UT–Semidesert Shallow Sand (Cutler's Jointfir)
- R035XY227UT–Semidesert Shallow Sand (Utah Juniper-Pinyon)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY233UT–Semidesert Shallow Sandy Loam (Blackbrush)
- R035XY234UT–Semidesert Shallow Shale (Utah Juniper-Pinyon)
- R035XY236UT–Semidesert Shallow Sandy Loam (Utah Juniper, Blackbrush)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY240UT–Semidesert Steep Shallow Loam (Utah Juniper-Two-Needle Pinyon)

- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)
- R035XY409CO–Shallow Desert

Correlated Map Unit Components

24477071, 24477095, 24477133, 24477171, 24477173, 24477175, 24477178, 24477199, 24477200, 24477218, 24477216, 24477221, 24477231, 24481988, 24481991, 24481993, 24481992, 24482002, 24482003, 24482016, 24482014, 24482032, 24482043, 24482046, 24482048, 24482147, 24482052, 24482053, 24482064, 24482076, 24482080, 24505113, 24505083, 24505147, 24505152, 24505086, 24505120, 24505089, 24505157, 24505159, 24505173, 24505125, 24505127, 24505098, 24505129, 24505163, 24505166, 24484697, 24484769, 24484773, 24484893, 24484849, 24484878, 24484945, 24484948, 24491139, 24491276, 24491279, 24491193, 24491243, 24491283, 24491284, 24491286, 24491287, 24491198, 24491248, 24491302, 24491255, 24491211, 24491256, 24491167, 24483033, 24483009, 24483831, 24483829, 24483799, 24483750, 24483837, 24478707, 24478708, 24478890, 24478697, 24478872, 24478834, 24478835, 24478685, 24478683, 24478733, 24478841, 24478950, 24478949, 24478739, 24478854, 24478786, 24478703, 24478878, 24478638, 24478928, 24478850, 24478712, 24478709, 24478719, 24478876, 24478931, 24478822, 24478859, 24478957, 24489011, 24488959, 24489070, 24489110, 24489109, 24489002, 24488939, 24489125, 24489042, 24488954, 24488935, 24488936, 24488965, 24489028, 24489064, 24489146, 24489072, 24489136, 24488947, 24489008, 24488957, 24488925, 24489164, 24489026, 24489162, 24488971, 24489082, 24489083, 24476425, 24476233, 24476235, 24476427, 24476365, 24476259, 24476386, 24476267, 24476411, 24476297, 24476419, 24476242, 24476431, 24476347, 24476273, 24476388, 24476405, 24476309, 24476051, 24446759, 24446807, 24446812, 24446803, 24446867, 24446819, 24446736, 24446741, 24489239, 24489218, 24489190, 24489231, 24447111, 24447182, 24446965, 24447240, 24447009, 24447008, 24447122, 24446954, 24447042, 24447001, 24447275, 24447012, 24447282, 23735516, 23731975, 23731976, 23731886, 23732255, 23732039, 23732285, 24504513, 24504485, 24327182, 24446480, 24446490, 24525401, 24528715, 24528720, 24528740, 24528994, 24528998, 24528757, 24529280, 24528765, 24529504, 24528768, 24529284, 24528779, 24529291, 24529293, 24529301, 24528797, 24529084, 24528813, 24528822, 24529089, 24529093, 24529566, 24529140, 24530204, 24529934, 24530235, 24530548, 24530260, 24533535, 24533290, 24533210, 24533237, 24533073, 24533224, 24533039, 24533045, 24533569, 24533567, 24533253, 24533251, 24533204, 24533299, 24533304, 24533462, 24533486, 24539103, 24538996, 24539136, 24539112, 24538810, 24538790, 24538779, 24538976, 24538576, 24538238, 24538468, 24538703, 24538260, 24538259, 24538912, 24538922, 24538646, 24538663, 24538953, 24538297, 24538554, 24538309, 24540954, 24540953, 24540874, 24540972, 24540767, 24540987, 24540679, 24540959, 24540694, 24540775, 24540677, 24540992

Stage

Provisional

Contributors

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State and transition model

Citations