

# 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**