

# Ecological site group 035XESG14

## Arid Cool Very Shallow

Last updated: 05/01/2024  
Accessed: 05/23/2025

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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 <30cm

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 mesic temperature regime and the aridic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R035XY133UT Desert Shallow Sandy Loam (Blackbrush).

### Major Land Resource Area

## Subclasses

- DX035X03E006–Shallow
- DX035X04B204–Sandstone Upland 6-10" p.z.
- DX035X04B314–Sandstone Upland 10-14" p.z.
- F035XA127AZ–Shallow Limy Upland 10-14" p.z. (JUOS)
- F035XC321AZ–Juniperus osteosperma/Purshia stansburiana-Artemisia bigelovii/Pleuraphis jamesii-Achnatherum hymenoides
- F035XC322AZ–Sandstone Upland 10-14" p.z. (JUOS)
- R035XA101AZ–Breaks 10-14" p.z.
- R035XA102AZ–Tephra Hills, Loamy 10-14" p.z.
- R035XA108AZ–Tephra Uplands 10-14" p.z.
- R035XA111AZ–Limy Upland 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
- R035XA130NM–Shale Hills 10-14"p.z.
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XB220AZ–Shale Upland 6-10" p.z.
- R035XB226AZ–Sandstone/Shale Upland 6-10" p.z. Warm
- R035XB228AZ–Sandstone Upland 6-10" p.z. Sodic
- R035XB230AZ–Sandstone Upland 6-10" p.z. Very Shallow, Warm
- R035XB232AZ–Limestone/Sandstone Upland 6-10" p.z.
- R035XB234AZ–Sandstone Upland 6-10" p.z. Warm
- R035XB240AZ–Limestone/Sandstone Cliffs 6-10" p.z.
- R035XB251AZ–Mudstone/Sandstone Hills 6-10" p.z. Warm
- R035XB255AZ–Sandstone Rockland 6-10" p.z.
- R035XB268AZ–Shale Hills 6-10" p.z.
- R035XB283AZ–Mudstone Slopes 6-10" p.z.
- R035XC301AZ–Basalt Upland 10-14" p.z.
- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC303AZ–Cinder Hills 10-14" p.z.
- R035XC308AZ–Limestone/Sandstone Hills 10-14" p.z.
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC311AZ–Limy Upland 10-14" p.z.
- R035XC319AZ–Limestone/Sandstone Upland 10-14" p.z.
- R035XC320AZ–Shale Hills 10-14" p.z.
- R035XC331AZ–Shallow Upland 10-14" p.z. Warm
- R035XC333AZ–Sandstone Upland 10-14" p.z. Warm
- R035XC337AZ–Sandstone/Shale Upland 10-14" p.z.

- R035XC339AZ–Shallow Sandy Loam 10-14" p.z. Calcareous
- R035XC343AZ–Limestone/Sandstone Cliffs 10-14" p.z.
- R035XC348AZ–Limestone Hills 10-14" p.z.
- R035XD415AZ–Shallow Loamy 7-11" p.z.
- R035XE507AZ–Limy Slopes 6-10" p.z.
- R035XE516AZ–Sedimentary Cliffs 6-10" 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.
- R035XY019UT–Shallow Sand Rock Pocket (Utah Juniper/Two-Needle Pinyon)
- R035XY118UT–Desert Sandy Loam (Fourwing Saltbush)
- R035XY122UT–Desert Shallow Loam (Shadscale)
- R035XY124UT–Desert Shallow Clay (Mat Saltbush)
- R035XY130UT–Desert Shallow Sandy Loam (Shadscale)
- R035XY133UT–Desert Shallow Sandy Loam (Blackbrush)
- R035XY145UT–Desert Very Shallow Sandy Loam (Blackbrush)
- R035XY146UT–Desert Very Steep Stony Loam (Shadscale)
- R035XY221UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R035XY224UT–Semidesert Shallow Sand (Blackbrush)
- R035XY226UT–Semidesert Shallow Loam (Black Sagebrush/Indian Ricegrass)
- R035XY227UT–Semidesert Shallow Sand (Utah Juniper-Pinyon)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY233UT–Semidesert Shallow Sandy Loam (Blackbrush)
- R035XY235UT–Semidesert Very Shallow Gravelly Loam (Utah Juniper)
- R035XY236UT–Semidesert Shallow Sandy Loam (Utah Juniper, Blackbrush)
- R035XY238UT–Semidesert Shallow Hardpan (Utah Juniper-Pinyon)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY240UT–Semidesert Steep Shallow Loam (Utah Juniper-Two-Needle Pinyon)
- R035XY248UT–Semidesert Very Shallow Sandy Loam (Blackbrush)
- R035XY414CO–Alkali Flat

## **Correlated Map Unit Components**

24477091, 24477094, 24477167, 24477182, 24477187, 24477191, 24477195, 24477232, 24477260, 24482145, 24482123, 24505110, 24505063, 24505064, 24505104, 24484854, 24484896, 24484936, 24484886, 24484852, 24491170, 24483019, 24483037, 24483031, 24483029, 24483819, 24483691, 24483680, 24483677, 24478789, 24478874, 24478686, 24478684, 24478734, 24478839, 24478840, 24478699, 24478881, 24478929, 24478718, 24478805, 24478772, 24478809, 24478825, 24478636, 24478860, 24478901, 24478899, 24489061, 24488979, 24489052, 24489069, 24488984, 24489124, 24489043, 24489014, 24489031, 24489029, 24489106, 24488982, 24489054, 24488942, 24489084, 24489046, 24488926, 24489078, 24489126, 24489128, 24489005, 24489019, 24489018, 24488922, 24489025, 24489096, 24489095, 24489033, 24476430, 24476359, 24476363, 24476415, 24476383, 24476263, 24476244, 24476434, 24476251, 24476299, 24476456, 24476313, 24476395, 24476306, 24476406, 24476052, 24476058, 24446859, 24446685, 24446684,

24446874, 24446818, 24446780, 24446831, 24446829, 24446686, 24446687, 24489229, 24447069, 24447068, 24446960, 24447167, 24447076, 24447073, 24447024, 24447027, 24447011, 24447156, 24446922, 24447004, 24447117, 24447053, 24447281, 24446942, 24447015, 24447012, 23735370, 23735062, 23735449, 23731880, 23731884, 23732257, 24489696, 24504522, 24504544, 24367320, 24367316, 24327224, 24327355, 24446140, 24446652, 24446454, 24446508, 24523415, 24524736, 24524793, 24524792, 24528998, 24529504, 24528781, 24529289, 24528793, 24529538, 24529543, 24529077, 24529081, 24528816, 24529096, 24529381, 24529166, 24529169, 24529187, 24530529, 24530825, 24530830, 24530832, 24529956, 24530580, 24530259, 24533532, 24533042, 24533208, 24533394, 24533239, 24533284, 24533384, 24533409, 24533186, 24533538, 24533537, 24533211, 24533212, 24533102, 24533598, 24532980, 24533136, 24533490, 24533156, 24535036, 24538997, 24539137, 24539199, 24539113, 24538338, 24538797, 24539015, 24538784, 24539157, 24539057, 24539075, 24538335, 24538990, 24538989, 24539097, 24538588, 24539025, 24539040, 24539042, 24538962, 24539100, 24538806, 24538565, 24539167, 24539058, 24539060, 24538890, 24538254, 24538181, 24538958, 24538318, 24538317, 24538760, 24538321, 24538763, 24538299, 24538771, 24538772, 24538768, 24538558, 24538555, 24540956, 24540971, 24540903, 24540769, 24540773, 24540705, 24540722, 24540989, 24540806, 24540855, 24540900, 24540994, 24540789, 24540781, 24540893, 24540760, 24540878, 24540861, 24540814, 24540755, 24540864, 24540714, 24540808, 24540885, 24540686, 24540671, 24540717, 24540698, 24540961, 24540850, 24540737

## **Stage**

Provisional

## **Contributors**

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## **State and transition model**

## **Citations**