

Ecological site group 035XESG02

Arid Cool Breaks

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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% & >40% surface rock

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, hills, escarpments on structural benches, and talus slopes.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XY240UT Semidesert Steep Shallow Loam (Utah Juniper-Two-Needle Pinyon).

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- R035XA101AZ–Breaks 10-14" p.z.
- R035XA128AZ–Tephra Uplands, Loamy 10-14" p.z
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB231AZ–Basalt Upland 6-10" p.z.
- R035XB236AZ–Colluvial Slopes 6-10" p.z. Warm
- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC343AZ–Limestone/Sandstone Cliffs 10-14" p.z.
- R035XD401AZ–Breaks 7-11" p.z.
- R035XE516AZ–Sedimentary Cliffs 6-10" p.z.
- R035XF601AZ–Sedimentary Cliffs 13-17" p.z.

- R035XI901AZ–Sedimentary Cliffs 25-33" p.z.
- R035XY018UT–Talus Slope (Blackbrush-Shadscale)
- R035XY139UT–Desert Stony Loam (Blackbrush)
- R035XY146UT–Desert Very Steep Stony Loam (Shadscale)
- R035XY203UT–Semidesert Bouldery Fan (Blackbrush)
- R035XY234UT–Semidesert Shallow Shale (Utah Juniper-Pinyon)
- R035XY240UT–Semidesert Steep Shallow Loam (Utah Juniper-Two-Needle Pinyon)
- R035XY243UT–Semidesert Stony Loam (Blackbrush)
- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)
- R035XY323UT–Upland Stony Sand (Utah Juniper-Pinyon)

Correlated Map Unit Components

24477070, 24482148, 24505111, 24478768, 24478767, 24478763, 24478782, 24478783, 24488981, 24488987, 24489048, 24488944, 24488974, 24476065, 24446835, 24446740, 24489179, 24447017, 24447277, 24446462, 24526190, 24533572, 24534716, 24538341, 24538798, 24539089, 24539106, 24539070, 24539019, 24539193, 24539167, 24539114, 24538598, 24538306, 24540708, 24540870, 24540791, 24540882, 24540813, 24540810, 24540673, 24540868, 24540734, 24540951, 24540914

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations