

Ecological site group 035XESG04

Arid Cool Deep Rocky

Last updated: 04/25/2024
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 or >30% 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 plateaus, fan terraces, and escarpments.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XY136UT Desert Stony Loam (Shadscale-Bud Sagebrush).

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X011113–Loamy Upland 10-14" p.z.
- F035XA122AZ–Limy Upland 10-14" p.z. Gravelly (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.
- R035XA125AZ–Limy Upland 10-14" p.z. Shallow
- R035XA128AZ–Tephra Uplands, Loamy 10-14" p.z.
- R035XB210AZ–Loamy Upland 6-10" p.z.

- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XB219AZ–Sandy Loam Upland 6-10" p.z.
- R035XB231AZ–Basalt Upland 6-10" p.z.
- R035XB232AZ–Limestone/Sandstone Upland 6-10" p.z.
- R035XB233AZ–Limestone/Sandstone Upland 6-10" p.z. Saline
- R035XB235AZ–Sandy Loam Upland 6-10" p.z. Warm
- R035XB282AZ–Tephra Upland 6-10" p.z. Sodic
- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC303AZ–Cinder Hills 10-14" p.z.
- R035XC304AZ–Loamy Upland 10-14" p.z. Cindery
- R035XC310AZ–Limy Slopes 10-14" p.z.
- R035XC311AZ–Limy Upland 10-14" p.z.
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC319AZ–Limestone/Sandstone Upland 10-14" p.z.
- R035XC328AZ–Cobbly Slopes 10-14" p.z.
- R035XC338AZ–Loamy Upland 10-14" p.z. Limy
- R035XC340AZ–Basalt Slopes 10-14" p.z. Calcareous
- R035XC371AZ–Sandy Slopes 10-14" p.z. Bouldery
- R035XC373AZ–Sandy Upland 10-14" p.z. Warm
- R035XD414AZ–Sandy Loam Upland 7-11" p.z.
- R035XE507AZ–Limy Slopes 6-10" p.z.
- R035XE513AZ–Sandy Loam Terrace 6-10" p.z.
- R035XE517AZ–Limy Slopes 6-10" p.z. Shallow
- R035XI901AZ–Sedimentary Cliffs 25-33" p.z.
- R035XY015UT–Sandy Bottom
- R035XY018UT–Talus Slope (Blackbrush-Shadscale)
- R035XY020UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - B4C Stream Type)
- R035XY021UT–Colorado Plateau Riparian Complex Perennial (Valley Type VIII - B4C Stream Type)
- R035XY022UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - C5/F5 Stream Types)
- R035XY103UT–Desert Clay (Castle Valley Saltbush)
- R035XY118UT–Desert Sandy Loam (Fourwing Saltbush)
- R035XY121UT–Desert Sandy Loam (Blackbrush)
- R035XY133UT–Desert Shallow Sandy Loam (Blackbrush)
- R035XY136UT–Desert Stony Loam (Shadscale-Bud Sagebrush)
- R035XY139UT–Desert Stony Loam (Blackbrush)
- R035XY146UT–Desert Very Steep Stony Loam (Shadscale)
- R035XY206UT–Semidesert Gravelly Loam (Utah Juniper-Pinyon)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY215UT–Semidesert Sandy Loam (4-Wing Saltbush)
- R035XY218UT–Semidesert Sandy Loam (Blackbrush)
- R035XY221UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R035XY222UT–Semidesert Shallow Loam (Utah Juniper- James Galleta)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY242UT–Semidesert Gravelly Loam (Shadscale)
- R035XY243UT–Semidesert Stony Loam (Blackbrush)
- R035XY246UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)

Correlated Map Unit Components

24477065, 24477090, 24477097, 24477170, 24477172, 24477184, 24477190, 24477250, 24477254, 24482061, 24482063, 24482084, 24482125, 24505060, 24505072, 24484843, 24484892, 24484930, 24484891, 24484846, 24484855, 24483032, 24483034, 24483027, 24483689, 24483695, 24483835, 24483682, 24478873, 24478865, 24478867, 24478870, 24478868, 24478740, 24478756, 24478856, 24478900, 24478958, 24488960, 24488978, 24489057, 24489111, 24489001, 24488938, 24488937, 24488998, 24488929, 24488963, 24489009, 24488968, 24488956, 24489166, 24489163, 24489090, 24476286, 24476436, 24476253, 24446718, 24489188, 24447135, 24446979, 24447019, 24447083, 23732124, 23732127, 23731912, 23731914, 24367044, 24528724, 24529239,

24528727, 24529246, 24528742, 24528744, 24529390, 24528917, 24529717, 24529720, 24529719, 24530233, 24529952, 24530239, 24530552, 24530565, 24533601, 24533228, 24532998, 24533318, 24533483, 24538980, 24539032, 24539138, 24539005, 24538985, 24539017, 24538791, 24538793, 24539085, 24539084, 24539152, 24539047, 24539083, 24539179, 24538788, 24539044, 24539188, 24538574, 24539201, 24539022, 24538699, 24538914, 24538917, 24538410, 24538769, 24540794, 24540778, 24540765, 24540986, 24540803, 24540965, 24540967, 24540699, 24540890, 24540696, 24540940, 24540817, 24540922, 24540952, 24541020, 24540915, 24540825, 24540736

Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations