

Ecological site group 035XESG32

Semiarid Cool Saline Uplands, Sandy Uplands, Loamy Uplands, and Finer Uplands

Last updated: 05/07/2024
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Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Ustic moisture regime
- Uplands
- Surface SAR<8
- Gypsum <5% surface and <10% subsurface
- Subsurface EC<8 and surface EC<4
- EC >1.5 surface or >2 subsurface
- <75% bedrock outcrop
- Ephemeral water or uplands
- Ustic moisture regime
- 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 and <30% subsurface
- Clay <30% surface and <35% 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 fan remnants, structural benches, and plateaus.

Climate

This ESG is characterized by the ustic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XY215UT Semidesert Sandy Loam (4-Wing Saltbush).

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I1104–Clay Loam Wash 10-14" p.z.
- DX035X01I1112–Loamy Wash 10-14" p.z.
- DX035X01I1113–Loamy Upland 10-14" p.z.
- DX035X01I1117–Sandy Loam Upland 10-14" p.z.
- DX035X02B611–Clay Loam Upland 13-17" p.z. Gravelly (PIED, JUOS)
- DX035X03A004–Hills or Elevated Plains 12 to 15 inches
- DX035X03A112–Loamy
- DX035X03A113–Sandy
- DX035X03A115–Deep Sand
- DX035X03A118–Bottomland
- DX035X03A119–Clayey Bottomland
- DX035X03A120–Swale
- DX035X03A121–Shallow Sandstone
- DX035X03A129–Limy
- DX035X03A131–Foothills
- DX035X03B006–*Abies lasiocarpa*-*Picea engelmannii*/*Vaccinium*
- DX035X03B134–Gravelly - Woodland
- DX035X03B625–Loamy Upland (PIED, JUOS) 13-17" p.z. (Provisional)
- DX035X03B628–Sandy Loam Upland (JUOS, PIED) 13-17" p.z.
- DX035X03B811–Sandy Loam Upland 17-25" p.z. (PIPO)
- DX035X03B812–Sandy Upland 17-25" p.z. (PIPO)
- DX035X03B817–Loamy Slopes 17-25" p.z. Cobbly (PIPO)
- DX035X03B818–Sandy Loam Slopes 17-25" p.z. Cobbly (PIPO, POTR5)
- DX035X03E001–Loamy
- DX035X03E002–Sandy
- DX035X03E004–Clayey
- DX035X03E006–Shallow
- DX035X03E007–Deep Sand
- DX035X03F127–Savanna
- DX035X03F128–Clayey
- DX035X03G001–Twoneedle Pinyon/Oneseed Juniper Woodland - Zuni 13 to 17 inches
- DX035X03G004–Mountain Grassland
- DX035X03G135–Steep Gravelly - Woodland
- DX035X03G602–Clay Loam Upland 13-17" p.z. (PIED, JUOS)
- DX035X04B314–Sandstone Upland 10-14" p.z.
- F035XC321AZ–*Juniperus osteosperma*/*Purshia stansburiana*-*Artemisia bigelovii*/*Pleuraphis jamesii*-*Achnatherum hymenoides*
- F035XF615AZ–Loamy Upland 13-17" p.z. Limy (JUOS, PIMO)
- F035XF627AZ–Sandstone Upland (JUOS, PIED) 13-17" p.z. (Provisional)
- F035XF637AZ–Loamy Bottom 13-17" p.z.
- F035XH806AZ–Loamy Terrace 17-25" p.z. (PIPO)
- F035XH808AZ–Loamy Upland 17-25" p.z. (PIPO)
- F035XI902AZ–Loamy Hills 25-33" p.z. (ABCO, PIPO, POTR5)
- F035XI903AZ–Loamy Hills 25-33" p.z. Cold (ABLA, PIEN)
- R035XA115AZ–Sandstone Upland 10-14" p.z.
- R035XA118AZ–Sandy Upland 10-14" p.z.
- R035XA130NM–Shale Hills 10-14"p.z.
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC315AZ–Sandy Upland 10-14" p.z.
- R035XC317AZ–Sandy Loam Upland 10-14" p.z.
- R035XC324AZ–Clayey Slopes 10-14" p.z. Boulderly
- R035XC326AZ–Sandy Loam Upland 10-14" p.z. Saline
- R035XC328AZ–Cobbly Slopes 10-14" p.z.
- R035XC329AZ–Loamy Upland 10-14" p.z. Gravelly
- R035XF603AZ–Clay Loam Upland 13-17" p.z.

- R035XF605AZ–Loamy Upland 13-17" p.z.
- R035XF606AZ–Sandy Loam Upland 13-17" p.z.
- R035XF607AZ–Sandy Upland 13-17" p.z.
- R035XG114NM–Gravelly
- R035XG124NM–Hills
- R035XG706AZ–Clayey Upland 14-18" p.z.
- R035XG710AZ–Loamy Bottom 14-18" p.z.
- R035XG724AZ–Semi-Riparian Canyon Bottom 14-18" p.z.
- R035XH003NM–Cinder Hills 18-22"p.z.
- R035XH807AZ–Loamy Upland 17-25" p.z.
- R035XH813AZ–Silty Upland 17-25" p.z.
- R035XH821AZ–Meadow 17-25" p.z.
- R035XI901AZ–Sedimentary Cliffs 25-33" p.z.
- R035XI905AZ–Loamy Upland 25-33" p.z.
- R035XY003UT–Alkali Bottom (Greasewood)
- R035XY010UT–Semiwet Fresh Meadow
- R035XY011UT–Loamy Bottom (Basin Big Sagebrush)
- R035XY012UT–Semiwet Saline Streambank (Fremont Cottonwood)
- R035XY013UT–Semiwet Fresh Streambank (Fremont Cottonwood)
- R035XY014UT–Semiwet Fresh Streambank (Willow)
- R035XY016UT–Moist Sand (Ponderosa Pine)
- R035XY018UT–Talus Slope (Blackbrush-Shadscale)
- R035XY022UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - C5/F5 Stream Types)
- R035XY109UT–Desert Loam (Shadscale)
- R035XY206UT–Semidesert Gravelly Loam (Utah Juniper-Pinyon)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY212UT–Semidesert Sand (Fourwing Saltbush)
- R035XY214UT–Semidesert Sand (Cutler Jointfir)
- R035XY215UT–Semidesert Sandy Loam (4-Wing Saltbush)
- R035XY216UT–Semidesert Sandy Loam (Wyoming Big Sagebrush)
- R035XY217UT–Semidesert Sandy Loam (Spiny Hopsage)
- R035XY218UT–Semidesert Sandy Loam (Blackbrush)
- R035XY223UT–Semidesert Shallow Clay (Mat Saltbush)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY233UT–Semidesert Shallow Sandy Loam (Blackbrush)
- R035XY239UT–Semidesert Shallow Clay (Shadscale-Utah Juniper)
- R035XY243UT–Semidesert Stony Loam (Blackbrush)
- R035XY246UT–Semidesert Stony Loam (Utah Juniper-Pinyon)
- R035XY301UT–Upland Clay Loam (Low Sagebrush)
- R035XY302UT–Upland Dissected Slope (Twoneedle Pinyon-Utah Juniper)
- R035XY305UT–Upland Loam (Gambel Oak)
- R035XY306UT–Upland Loam (Basin Big Sagebrush)
- R035XY307UT–Upland Sand (Mountain Big Sagebrush)
- R035XY308UT–Upland Loam (Mountain Big Sagebrush)
- R035XY309UT–Upland Sand (Mormon Tea)
- R035XY315UT–Upland Shallow Loam (Pinyon-Utah Juniper) AWC <3
- R035XY317UT–Upland Steep Stony Loam (Utah Juniper-Pinyon)
- R035XY318UT–Upland Stony Loam (Wyoming Big Sagebrush, Indian Ricegrass)
- R035XY321UT–Upland Stony Loam (Pinyon-Utah Juniper)
- R035XY323UT–Upland Stony Sand (Utah Juniper-Pinyon)
- R035XY324UT–Upland Sand (Utah Juniper-Pinyon)
- R035XY328UT–Upland Very Steep Stony Loam (Pinyon-Utah Juniper)

Correlated Map Unit Components

24477158, 24484649, 24484658, 24484700, 24484699, 24484703, 24484707, 24484706, 24484712, 24484754, 24491093, 24491094, 24491022, 24491055, 24491054, 24491063, 24491103, 24490993, 24490994, 24490995, 24491032, 24491116, 24491036, 24491118, 24491042, 24491126, 24491080, 24491089, 24491082, 24491046,

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Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations