

Ecological site group 035XESG14

Arid Cool Very 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 <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

MLRA 035X
Colorado Plateau

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