Ecological site group 047XESG14
Shallow

Last updated: 05/03/2023
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8 and Subsurface EC <8 and Surface EC <4
- EC <1.5 surface and <2 subsurface
- Slope <35% or <40% surface rock
- Depth: 30-55cm

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 mountain slopes and hillslopes.

Vegetation dynamics

The modal ecological site for this ESG is R047XA446UT Mountain Shallow Loam (mountain big sagebrush).

Major Land Resource Area

MLRA 047X
Wasatch and Uinta Mountains

Subclasses

- F047XA508UT–High Mountain Loam (quaking aspen)
- F047XA512UT–High Mountain Loam (Douglas-fir)
- F047XA610UT–Subalpine Gravelly Loam (subalpine fir/Engelmann spruce)
- R047XA305UT–Upland Stony Loam (Utah juniper)
- R047XA316UT–Upland Shallow Loam (black sagebrush)
- R047XA320UT–Upland Shallow Loam (Wyoming big sagebrush)
- R047XA325UT–Upland Loamy Shale (low sagebrush)
- R047XA336UT–Upland Stony Loam (pinyon/Utah juniper)
- R047XA430UT–Mountain Loam (mountain big sagebrush)
- R047XA434UT–Mountain Loam (shrub)
- R047XA438UT–Mountain Shallow Loam (black sagebrush)
- R047XA440UT–Mountain Shallow Loam (curl-leaf mountain mahogany)
- R047XA442UT–Mountain Shallow Loam (low sagebrush)
- R047XA446UT–Mountain Shallow Loam (mountain big sagebrush)
- R047XA448UT–Mountain Shallow Loam (oak)
- R047XA456UT–Mountain Stony Loam (antelope bitterbrush)
- R047XA460UT–Mountain Stony Loam (browse)
- R047XA461UT–Mountain Stony Loam (mountain big sagebrush)
- R047XA469UT–Mountain Very Steep Shallow Loam (mountain big sagebrush)
- R047XA473UT–Mountain Very Steep Stony Loam (browse)

- R047XA475UT–Mountain Windswept Ridge (black sagebrush)
- R047XA516UT–High Mountain Loam (mountain big sagebrush)
- R047XA525UT–High Mountain Shallow Loam (low sagebrush)
- R047XA526UT–High Mountain Shallow Loam (Douglas-fir)
- R047XA528UT–High Mountain Stony Clay (slender wheatgrass)
- R047XA574UT–High mountain windswept ridge (fringed sagewort)
- R047XA630UT–Subalpine Stony Loam (snowfield sagebrush)
- R047XB214UT–Semidesert Gravelly Loam (Wyoming big sagebrush)
- R047XB236UT–Semidesert Shallow Loam (black sagebrush)
- R047XB312UT–Upland Shallow Clay (pinyon/Utah juniper)
- R047XB316UT–Upland Shallow Hardpan (black sagebrush)
- R047XB318UT–Upland Shallow Hardpan (pinyon/Utah juniper)
- R047XB322UT–Upland Shallow Loam (mountain big sagebrush)
- R047XB326UT–Upland Shallow Loam (pinyon/Utah juniper)
- R047XB438UT–Mountain Shallow Loam (black sagebrush)
- R047XB440UT–Mountain Shallow Loam (curl-leaf mountain mahogany)
- R047XB442UT–Mountain Shallow Loam (low sagebrush)
- R047XB446UT–Mountain Shallow Loam (mountain big sagebrush)
- R047XB450UT–Mountain Shallow Loam (ponderosa pine)
- R047XB463UT–Mountain Stony Loam (oak)
- R047XB475UT–Mountain Windswept Ridge (black sagebrush or low sagebrush)
- R047XB532UT–High Mountain Stony Loam (Douglas-fir)
- R047XC308UT–Upland Loam (Wyoming big sagebrush)
- R047XC310UT–Upland Loam (mountain big sagebrush)
- R047XC320UT–Upland Shallow Loam (black sagebrush)
- R047XC326UT–Upland Shallow Loam (pinyon/Utah juniper)
- R047XC335UT–Upland Stony Loam (pinyon/Utah juniper)
- R047XC338UT–Upland Stony Loam (Wyoming big sagebrush)
- R047XC340UT–Upland Very Steep Stony Loam (pinyon/Utah juniper)
- R047XC446UT–Mountain Shallow Loam (mountain big sagebrush)
- R047XC453UT–Mountain Shallow Sandy Loam (ponderosa pine)
- R047XC462UT–Mountain Stony Loam (mountain big sagebrush)
- R047XC475UT–Mountain Windswept Ridge (black sagebrush)
- R047XC478UT–Mountain Windswept Ridge (mountain big sagebrush)

Correlated Map Unit Components

22479901, 22480588, 22479833, 22480141, 22479812, 22482842, 22482682, 22482735, 22482632, 22482953, 22482989, 22482798, 22483486, 22483776, 22483690, 22483496, 22484632, 22484449, 22484252, 22484600, 22484571, 22484567, 22595014, 22594601, 22594599, 22594605, 22594780, 22594782, 22594137, 22593606, 22594223, 22593675, 22593681, 22593682, 22593687, 22593977, 22597178, 22597217, 22597084, 22596923, 22596953, 22596975, 22597257, 22597125, 22597415, 22597154, 22597156, 22597298, 22597422, 22597014, 22597302, 22597304, 22597306, 22597161, 22597270, 22597137, 22597424, 22597429, 22597433, 22597276, 22597175, 22597319, 22597043, 22597041, 22597984, 22597983, 22598430, 22598500, 22598502, 22598531, 22598532, 22598537, 22601179, 22601501, 22601365, 22601739, 22601289, 22601814, 22601505, 22728074, 22728153, 22728650, 22728163, 22728187, 22728656, 22728285, 22965619, 22965532, 22965483, 22965481, 22965796, 22963361, 22963336, 23222796, 23222827, 23222865, 23222874, 23222899, 23222914, 23223041, 23223088, 22859349, 22860334, 22860335, 22860339, 22860416, 22859547, 22859696, 22859697, 22859713, 22860098, 22860113, 22860240, 22859990, 22860008, 22860560, 22860036, 22860062, 22860893, 22860617, 22860645, 22860869, 22860746, 22854545, 22854148, 22854230, 22854730, 22854436, 22854224, 22854225, 22854154, 22854638, 22854595, 22854176, 22854175, 22854759, 22854240, 22854152, 22854529, 22854168, 22854438, 22854482, 22854762, 22854527, 22854456, 22854538, 22854223, 22854746, 22854232, 22854231, 22854380, 22854159, 22854755, 22854585, 22854587, 22854659, 22854672, 22854686, 22854691, 22854692, 22854694, 22854701, 22854704, 22599736, 22599082, 22600526, 22600747, 22598806, 22600382, 22599947, 22600635, 22599194, 22599193, 22600474, 22600488, 22600079, 22600677, 22600686, 22600317, 22599022, 22599587, 22599597, 22599037, 22599314, 22599302, 22599306, 22599612, 22599616, 22599231, 22599643, 22712737, 22712789, 22712806, 22604129, 22370362, 22370376, 22369860, 22369097, 22370153, 22369798, 22369805, 22369807, 22369166, 22369108, 22369147, 22369316, 22369353, 22368957, 22369497, 22369081,

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Stage

Provisional

Contributors

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State and transition model

Citations