

Ecological site group 035XESG34

Semiarid Cool Shallow

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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 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 plateaus, structural benches, and hills.

Climate

This ESG is characterized by the ustic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XA119AZ Shallow Loamy 10-14" p.z.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X02B611–Clay Loam Upland 13-17" p.z. Gravelly (PIED, JUOS)
- DX035X03A004–Hills or Elevated Plains 12 to 15 inches
- DX035X03A112–Loamy
- DX035X03A121–Shallow Sandstone
- DX035X03A123–Limestone Hills
- DX035X03A131–Foothills
- DX035X03B134–Gravelly - Woodland
- DX035X03B625–Loamy Upland (PIED, JUOS) 13-17" p.z. (Provisional)
- DX035X03B630–Clay Loam Upland 13-17" p.z. (PIED)
- DX035X03B804–Shallow Sandy Loam 17-25" p.z. (PIPO)
- DX035X03B818–Sandy Loam Slopes 17-25" p.z. Cobbly (PIPO, POTR5)

- DX035X03B827–Sandstone Hills 17-25" p.z. (PIPO)
- DX035X03F003–Pinyon Juniper - Breaks/Hills 12 to 15 inches
- DX035X03F127–Savanna
- DX035X03G004–Mountain Grassland
- DX035X03G618–Sandy Upland 13-17" p.z. Moderately Deep
- F035XA121AZ–Shallow Loam 10-14" p.z. Cobbly (JUOS)
- F035XC322AZ–Sandstone Upland 10-14" p.z. (JUOS)
- F035XF613AZ–Limestone Hills 13-17" p.z. (PIED, JUOS)
- F035XF619AZ–Limestone Upland 13-17" p.z. (JUOS, PIED)
- F035XF620AZ–Basalt Upland 13-17" p.z. (JUOS)
- F035XF624AZ–Basalt Slopes 13-17" p.z. (JUOS, PIED)
- F035XF627AZ–Sandstone Upland (JUOS, PIED) 13-17" p.z. (Provisional)
- F035XF629AZ–Sandstone Hills 13-17" p.z. (PIED)
- F035XF636AZ–Sandstone/Quartzite Upland 13-17" p.z. Fine (JUOS)
- F035XG712AZ–Limestone Hills 14-18" p.z. (JUOS, PINUS)
- F035XG714AZ–Limestone Upland 14-18" p.z. (PIED, JUOS)
- F035XH805AZ–Loamy Hills 17-25" p.z. (PIPO)
- R035XA101AZ–Breaks 10-14" p.z.
- R035XA102AZ–Tephra Hills, Loamy 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.
- R035XC309AZ–Clay Loam Terrace 10-14" p.z. Saline-Sodic
- R035XC324AZ–Clayey Slopes 10-14" p.z. Bouldery
- R035XC347AZ–Basalt Hills 10-14" p.z. Cobbly
- R035XC350AZ–Limestone Upland 10-14" p.z. Warm
- R035XF601AZ–Sedimentary Cliffs 13-17" p.z.
- R035XF605AZ–Loamy Upland 13-17" p.z.
- R035XF608AZ–Limestone / Sandstone Upland 13-17" p.z.
- R035XF639AZ–Sandstone Upland 13-17 p.z.
- R035XG114NM–Gravelly
- R035XG116NM–Shallow
- R035XG124NM–Hills
- R035XG701AZ–Basalt Upland 14-18" p.z.
- R035XG713AZ–Sandy Loam Upland 14-18" p.z. Limy, Gravelly, Shallow
- R035XG717AZ–Shallow Loamy 14-18" p.z.
- R035XG723AZ–Limestone/Sandstone Upland (Pinyon-Juniper) 14-18" p.z.
- R035XH006NM–Shallow
- R035XH814AZ–Sandstone Upland 17-25" p.z. Cobbly
- R035XH823AZ–Sandstone Upland 17-25" p.z.
- R035XI901AZ–Sedimentary Cliffs 25-33" p.z.
- R035XY133UT–Desert Shallow Sandy Loam (Blackbrush)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY218UT–Semidesert Sandy Loam (Blackbrush)
- R035XY220UT–Semidesert Shallow Loam (Torrey's Jointfir)
- R035XY221UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R035XY222UT–Semidesert Shallow Loam (Utah Juniper- James Galleta)
- R035XY224UT–Semidesert Shallow Sand (Blackbrush)
- R035XY225UT–Semidesert Shallow Sand (Cutler's Jointfir)
- R035XY227UT–Semidesert Shallow Sand (Utah Juniper-Pinyon)
- R035XY230UT–Semidesert Shallow Sandy Loam (Shadscale)
- R035XY233UT–Semidesert Shallow Sandy Loam (Blackbrush)
- R035XY234UT–Semidesert Shallow Shale (Utah Juniper-Pinyon)
- R035XY236UT–Semidesert Shallow Sandy Loam (Utah Juniper, Blackbrush)
- R035XY238UT–Semidesert Shallow Hardpan (Utah Juniper-Pinyon)
- R035XY240UT–Semidesert Steep Shallow Loam (Utah Juniper-Two-Needle Pinyon)
- R035XY306UT–Upland Loam (Basin Big Sagebrush)

- R035XY313UT–Upland Shallow Loam (Cliffrose)
- R035XY314UT–Upland Shallow Sand (Pinyon-Utah Juniper)
- R035XY315UT–Upland Shallow Loam (Pinyon-Utah Juniper) AWC <3
- R035XY316UT–Upland Shallow Loam (Pinyon-Utah Juniper) AWC >3
- R035XY321UT–Upland Stony Loam (Pinyon-Utah Juniper)
- R035XY325UT–Upland Very Steep Shallow Loam (Pinyon-Utah Juniper)
- R035XY328UT–Upland Very Steep Stony Loam (Pinyon-Utah Juniper)

Correlated Map Unit Components

24446574, 24446594, 24446606, 24446608, 24525610, 24525927, 24528988, 24529485, 24529495, 24529047, 24529525, 24528784, 24528790, 24529064, 24529548, 24529544, 24529550, 24529326, 24528856, 24529571, 24529147, 24529152, 24529894, 24529405, 24529648, 24530732, 24530734, 24531616, 24532057, 24530501, 24530502, 24530546, 24529938, 24530858, 24530261, 24529990, 24532225, 24532228, 24532229, 24532474, 24532363, 24532185, 24532315, 24532792, 24532739, 24532736, 24532631, 24532636, 24532633, 24533371, 24533405, 24533093, 24533414, 24533083, 24533418, 24533364, 24533365, 24533575, 24533350, 24538795, 24539192, 24538201, 24538872, 24538433, 24538440, 24538887, 24538895, 24538446, 24538211, 24538363, 24538366, 24538829, 24538114, 24538118, 24538610, 24538609, 24538119, 24538123, 24538375, 24538623, 24538385, 24538355, 24538357, 24538100, 24538838, 24538403, 24538626, 24538132, 24538141, 24538398, 24538856, 24538185, 24538496, 24538718, 24538719, 24538723, 24538746, 24538738, 24538285, 24538508, 24538528, 24538726, 24538275, 24538507, 24538937, 24540689, 24540982, 24540749, 24540726, 24540928, 24484646, 24484661, 24484660, 24484664, 24484662, 24484677, 24484693, 24484736, 24484763, 24484764, 24484765, 24484767, 24484775, 24484779, 24484783, 24484788, 24484792, 24491038, 24491124, 24491121, 24491122, 24491039, 24506693, 24506786, 24506705, 24506796, 24506988, 24506991, 24506992, 24506994, 24506810, 24506809, 24506811, 24507000, 24507004, 24506940, 24506942, 24506945, 24506947, 24506948, 24506741, 24506743, 24506843, 24506951, 24506952, 24506971, 24691416, 24483212, 24483083, 24482999, 24483015, 24483219, 24483217, 24483002, 24483022, 24483069, 24483070, 24483043, 24483072, 24483736, 24483712, 24483686, 24483768, 24483763, 24483748, 24483779, 24478844, 24478548, 24478729, 24478723, 24478725, 24478656, 24478846, 24478863, 24478691, 24478945, 24478679, 24478677, 24478513, 24478522, 24478700, 24478842, 24478954, 24478953, 24478543, 24478935, 24478933, 24478525, 24478527, 24478715, 24478831, 24478830, 24478832, 24478643, 24478553, 24478580, 24478539, 24478561, 24478558, 24478516, 24478533, 24489074, 24489076, 24476450, 24476453, 24476280, 24476070, 24446775, 24446894, 24446897, 24446747, 24446707, 24446725, 24446713, 24446892, 24447187, 24447146, 24447204, 24446992, 24446994, 24447152, 24446989, 24447221, 24447198, 24447040, 24447038, 23733972, 23734222, 24302318, 24302243, 24302412, 24302331, 24504377, 24504561, 24504363, 24310743, 24310851, 24310679, 24310599, 24310600, 24310687, 24310728, 24310734, 24310892, 24310691, 24310906, 24310701, 24310880, 24310891, 24310708, 24315068, 24314578, 24314582, 24315075, 24314606, 24314755, 24315094, 24314935, 24314826, 24317272, 24366098, 24366492, 24366490, 24366949, 24366912, 24367003, 24367008, 24367145, 24323976, 24323695, 24323582, 24323991, 24323721, 24323724, 24323594, 24323865, 24323876, 24323742, 24323885, 24323606, 24323610, 24323889, 24323747, 24323749, 24323896, 24323625, 24323632, 24323643, 24323774, 24323908, 24323910, 24324064, 24323919, 24323650, 24323656, 24323657, 24323663, 24323667, 24323924, 24327229, 24327232, 24327105, 24327427, 24327054, 24327370, 24327369, 24327059, 24327245, 24326981, 24327254, 24326997, 24327005, 24327274, 24327389, 24327391, 24327397, 24327403, 24327284, 24327291, 24327408, 24327410, 24327423, 24327174, 24446246, 24446272, 24446279, 24446320, 24446363, 24446368, 24446373, 24446379, 24446392, 24446571

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations

