

Ecological site group ESG048A41

Ustic Finer Uplands

Last updated: 06/08/2022
Accessed: 07/13/2024

Key Characteristics

- Uplands
- <75% bedrock outcrop
- Gypsum <5% surface, gypsum <10% subsurface, surface SAR <8, subsurface EC <8, and surface EC <4.
- EC<1.5 surface or <2 subsurface
- Soil not steep, rocky, or shallow
- Clay >30% surface or >35% subsurface
- sand <75% or texture is Loamy Fine Sand or finer in surface & subsurface
- Clay >20% or texture is Fine Sandy Loam or finer in surface AND Ustic soil moisture regime - 343 soil components

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 hills and mountain slopes.

Climate

This ESG is characterized by the ustic soil moisture regime.

Soil features

This soil is characterized by clay >20% or texture is fine sandy loam or finer.

Vegetation dynamics

The modal ecological site for this ESG is R048AY238CO - Brushy Loam.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY448CO–Mountain Pinyon
- F048AY449CO–Aspen Woodland
- F048AY475UT–Mountain Very Steep Stony Loam (Douglas Fir)
- F048AY506UT–High Mountain Loam (Aspen)
- F048AY908CO–Mixed Conifer
- F048AY912CO–Lodgepole Pine
- F048AY918CO–Spruce-Fir Woodland
- F048AY925CO–Ponderosa Pine Forest
- R048AY001NM–Subalpine Grassland

- R048AY002NM–Mountain Grassland
- R048AY003NM–Mountain Valley
- R048AY004NM–Mountain Loam
- R048AY005UT–Semiwet Fresh Streambank (Narrowleaf Cottonwood)
- R048AY006NM–Mountain Meadow
- R048AY010NM–Pine Grassland
- R048AY010UT–Wet Fresh Streambank (Willow)
- R048AY012NM–Mountain Loam Dry
- R048AY122WY–Mountain Loam
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam
- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow
- R048AY242CO–Dry Mountain Shale
- R048AY245CO–Mountain Swale
- R048AY247CO–Deep Clay Loam
- R048AY248CO–Mountain Clay Loam
- R048AY250CO–Subalpine Loam
- R048AY252CO–Subalpine Clay
- R048AY253CO–Wet Subalpine
- R048AY255CO–Pine Grasslands
- R048AY287CO–Stony Foothills
- R048AY292CO–Deep Loam
- R048AY303CO–Loamy Slopes
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY311CO–Mountain Outwash
- R048AY405UT–Mountain Loam (Mountain Big Sagebrush)
- R048AY410UT–Mountain Loamy Bottom (Basin Wildrye)
- R048AY415UT–Mountain Loam (Oak)
- R048AY417UT–Mountain Loam (Ponderosa Pine)
- R048AY451UT–Mountain Stony Loam (Shrub)
- R048AY473UT–Mountain Very Steep Stony Loam (Shrub)

Correlated Map Unit Components

20983414, 20985860, 20985868, 20985826, 20985845, 20985856, 20987108, 20988247, 21054029, 21054054, 21054055, 21054060, 21070367, 21070439, 20992006, 20992030, 20992124, 20991962, 20993470, 20993558, 20993521, 20993533, 20993543, 20994137, 20993679, 20993724, 20994525, 20994643, 20994414, 20994387, 20994241, 20994303, 20994260, 20994368, 20994206, 21343799, 21343806, 21343810, 21287101, 21286403, 21285747, 21285924, 21285712, 21285819, 21285798, 21285844, 21285991, 21286104, 21285876, 21285717, 21285913, 21285948, 21285929, 21286004, 21285255, 21285271, 21285281, 21285284, 21285296, 21285270, 21285488, 21285516, 21285518, 21285390, 21285392, 21285420, 21285457, 21285487, 21285496, 21285523, 21285139, 21284233, 21284241, 21284248, 21262185, 21262194, 21262186, 21262188, 21262174, 21262175, 21262177, 21262181, 21262208, 21262238, 21262241, 21262254, 21262255, 21262258, 21262312, 21262265, 21262315, 21262268, 21262366, 21262368, 21262296, 21262372, 21262298, 21262452, 21262374, 21262300, 21262329, 21262338, 21262310, 21262341, 21262350, 21262359, 21262480, 21262361, 21262390, 21262430, 21256055, 21256058, 21256084, 21256083, 21256048, 21256119, 21256122, 21256161, 21256141, 21256144, 21256176, 21256221, 21256293, 21256295, 21256234, 21256271, 21256279, 21256346, 21256313, 21256382, 21256318, 21256354, 21256352, 21256358, 21256408, 21256363, 21256473, 21276837, 21276641, 21276649, 21276668, 21276733, 21276718, 21276755, 21276791, 21276783, 21272971, 21272924, 21272960, 21273025, 21273023, 21273143, 21131298, 21251167, 21251244, 21251762, 21251273, 21251485, 21251576, 21251645, 21251553, 21251731, 21251728, 21251930, 21251804, 21245549, 21245550, 21245560, 21245556, 21245727, 21245864, 21245870, 21245899, 21245898, 21246000, 21245342, 21245361, 21245364, 21245362, 21245368, 21245369, 21245375, 21245485, 21265104, 21265109, 21265083, 21265126, 21244771, 21244799, 21244816, 21244819, 21244824, 21244858, 21244862, 21244898, 21244932, 21244936, 21243265, 21243293, 21243294, 21243295, 21243280, 21243302, 21243331, 21243344, 21269639, 21242916, 21242928, 21242933, 21242963, 21242935, 21243000, 21242958, 21242983, 21242981, 21243005, 21243039, 21242997, 21243008, 21243025,

21243011, 21243111, 21243065, 21243046, 21243057, 21243059, 21243062, 21243072, 21243094, 21241099, 21241102, 21240988, 21241009, 21241030, 21240976, 21241017, 21241033, 21835688, 21835687, 21836115, 21836113, 21835899, 21835042, 21834927, 21834992, 21835135, 21835143, 21835320, 21835606, 21835215, 21842474, 21842194, 21842478, 21842358, 21842496, 21842285, 21841664, 21841663, 21841676, 21841675, 21842023, 21842024, 21841485, 21978472, 21978447, 21978387, 21978390, 21978561, 21978564, 21978568, 21978538, 21978407, 21978662, 21979188, 21979359, 21979356, 21979386, 21979387, 21979392, 21979390, 21979444, 21979455, 21979142, 21979144, 21979580, 21979120, 21978890, 21978893, 21978929, 21978926, 21979147, 21978918, 21979511, 21979612, 21980507, 21980044, 21980788, 21980786, 21981005, 21980842, 21980895, 21980892, 21981006, 21981017, 21981275, 21981268, 21981286, 21981339, 21840565, 21842720, 21842726, 21408060, 21408067, 21408193, 21407155, 21407161, 21407063, 21421636, 21490271, 21490295, 21490527, 21490569, 21490576, 21490119, 21490091, 21866362, 21866365, 21866399, 21866409, 21866410, 21866949, 21866957, 21866228, 21865769, 21866579, 21866550, 21866853, 21866908, 21910937

Stage

Provisional

Contributors

Travis Nauman

State and transition model

Citations