

# Ecological site group ESG048A41

## Ustic Finer Uplands

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### 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,

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## **Stage**

Provisional

## **Contributors**

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## **State and transition model**

## **Citations**