

Ecological site group ESG048A42

Aridic 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 Aridic soil moisture regime - 96 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 mountain slopes, alluvial fans, and valley sides.

Climate

This ESG is characterized by the aridic 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 F048AY908CO - Mixed Conifer.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY449CO–Aspen Woodland
- F048AY475UT–Mountain Very Steep Stony Loam (Douglas Fir)
- F048AY908CO–Mixed Conifer
- F048AY924CO–Douglas Fir/Gambel Oak
- F048AY925CO–Ponderosa Pine Forest
- R048AY001NM–Subalpine Grassland
- R048AY013NM–Mountain Slopes
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam

- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY241CO–Mountain Meadow
- R048AY287CO–Stony Foothills
- R048AY292CO–Deep Loam
- R048AY303CO–Loamy Slopes
- R048AY306UT–Upland Loam (Wyoming Big Sagebrush)
- R048AY311CO–Mountain Outwash
- R048AY331UT–Upland Stony Loam (Pinyon-Utah Juniper)
- R048AY405UT–Mountain Loam (Mountain Big Sagebrush)
- R048AY451UT–Mountain Stony Loam (Shrub)

Correlated Map Unit Components

20985829, 21054064, 21070414, 21070427, 21070460, 20993489, 21285286, 21285288, 21285368, 21285348, 21285351, 21285353, 21284292, 21281963, 21256475, 21256427, 21276614, 21276619, 21131270, 21131317, 21251736, 21251618, 21251667, 21250937, 21250671, 21245894, 21245510, 21245513, 21268273, 21244807, 21244810, 21244920, 21244942, 21243257, 21243274, 21243285, 21243276, 21243286, 21243325, 21243281, 21243306, 21243307, 21243327, 21243340, 21243341, 21243360, 21243362, 21243364, 21269771, 21242945, 21242947, 21242988, 21242986, 21242214, 21242215, 21834947, 21978757, 21978755, 21978441, 21978438, 21978642, 21978666, 21979394, 21979507, 21979688, 21979685, 21979158, 21979532, 21978919, 21979702, 21979141, 21980670, 21980029, 21980193, 21980541, 21979910, 21980682, 21981140, 21981137, 21981823, 21979888, 21981170, 21981179, 21981187, 21981269, 21981165, 21981239, 21981292, 21981917, 21981916, 21981774, 21840566, 21407149, 21407039, 21407019

Stage

Provisional

Contributors

Travis Nauman

State and transition model

Citations