

Ecological site group ESG048A40

Udic 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 Udic soil moisture regime - 411 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 and floodplains.

Climate

This ESG is characterized by the udic 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 F048AY449CO - Aspen Woodland.

Major Land Resource Area

MLRA 048A
Southern Rocky Mountains

Subclasses

- F048AY449CO–Aspen Woodland
- F048AY523UT–High Mountain Stony Loam (Douglas Fir)
- F048AY530UT–High Mountain Very Steep Loam (Douglas Fir)
- F048AY908CO–Mixed Conifer
- F048AY912CO–Lodgepole Pine
- F048AY917CO–Abies lasiocarpa/Paxistima myrsinites/Erigeron eximius
- F048AY918CO–Spruce-Fir Woodland
- F048AY924CO–Douglas Fir/Gambel Oak
- R048AA228CO–Mountain Loam Gunnison Basin LRU

- R048AA250CO–Subalpine Loam Gunnison Basin LRU
- R048AY001NM–Subalpine Grassland
- R048AY008UT–Wet Fresh Meadow (Willow-Sedge)
- R048AY009NM–Mountain Breaks
- R048AY010UT–Wet Fresh Streambank (Willow)
- R048AY012NM–Mountain Loam Dry
- R048AY222CO–Loamy Park
- R048AY228CO–Mountain Loam
- R048AY237CO–Stony Loam
- R048AY238CO–Brushy Loam
- R048AY239CO–Brushy Mountain Loam
- R048AY241CO–Mountain Meadow
- R048AY245CO–Mountain Swale
- R048AY250CO–Subalpine Loam
- R048AY252CO–Subalpine Clay
- R048AY253CO–Wet Subalpine
- R048AY304CO–Alpine Slopes
- R048AY305CO–Alpine Meadow
- R048AY306CO–Shrubby Alpine
- R048AY309CO–Warm Alpine
- R048AY516UT–High Mountain Loam (Mountain Big Sagebrush)

Correlated Map Unit Components

20985821, 20988201, 21070366, 21070394, 20992032, 20992056, 20992114, 20992116, 20992117, 20991965, 20993655, 20993481, 20993665, 20993550, 20993755, 20993793, 20993809, 20993806, 20993914, 21057240, 21057244, 21232282, 21287164, 21287150, 21286171, 21286154, 21286158, 21286197, 21286156, 21286215, 21286225, 21286224, 21286533, 21286226, 21286223, 21286292, 21286267, 21286330, 21285832, 21285836, 21286146, 21285867, 21285859, 21285887, 21286060, 21285313, 21285223, 21359456, 21284231, 21284244, 21284223, 21284269, 21284228, 21284307, 21284310, 21284299, 21284389, 21284399, 21284380, 21284386, 21284420, 21284334, 21284335, 21284423, 21284411, 21284322, 21284255, 21284278, 21284324, 21284319, 21284349, 21262321, 21262270, 21262317, 21262342, 21664144, 21664167, 21664168, 21663975, 21664216, 21664219, 21663983, 21664170, 21664014, 21664135, 21664136, 21664173, 21664096, 21664139, 21664052, 21664212, 21664141, 21664149, 21664152, 21664069, 21664161, 21272827, 21272867, 21272854, 21272938, 21272952, 21272942, 21272980, 21273028, 21273109, 21273104, 21273133, 21273158, 21273177, 21273118, 21273182, 21273187, 21273171, 21271140, 21271107, 21270938, 21270939, 21270948, 21270869, 21270868, 21270964, 21270975, 21270981, 21271043, 21271042, 21271046, 21271048, 21131387, 21131177, 21131183, 21131318, 21131321, 21251007, 21251011, 21251069, 21251047, 21251095, 21251044, 21251083, 21251098, 21251099, 21251048, 21251137, 21251158, 21251144, 21251149, 21251173, 21251174, 21251196, 21251253, 21251230, 21251222, 21251297, 21251356, 21251383, 21251309, 21251307, 21251360, 21251453, 21251363, 21251351, 21251538, 21251529, 21251428, 21251464, 21251468, 21251471, 21251503, 21251581, 21251480, 21251507, 21251505, 21251543, 21251589, 21251871, 21251627, 21251653, 21251600, 21251705, 21251635, 21251680, 21250695, 21250687, 21250688, 21250701, 21250640, 21250638, 21250627, 21250790, 21250692, 21250629, 21250643, 21250683, 21250753, 21250793, 21250795, 21250799, 21250780, 21250893, 21250708, 21250850, 21250713, 21250715, 21250764, 21250871, 21250801, 21250897, 21250684, 21244793, 21244792, 21244901, 21244929, 21269370, 21269443, 21269373, 21269484, 21269393, 21269358, 21269423, 21269426, 21269465, 21269493, 21269520, 21269387, 21269555, 21269616, 21269648, 21269686, 21269679, 21269577, 21269620, 21269422, 21269529, 21269559, 21269599, 21269731, 21269467, 21269690, 21269721, 21269754, 21269816, 21269856, 21269775, 21269742, 21269862, 21269864, 21269894, 21269926, 21270018, 21270016, 21269838, 21269803, 21269963, 21270102, 21269937, 21270238, 21270433, 21270337, 21270623, 21270626, 21270575, 21270664, 21270608, 21270620, 21270478, 21270444, 21270477, 21270677, 21270681, 21270685, 21270585, 21270591, 21270588, 21270639, 21270633, 21270396, 21270398, 21270330, 21270334, 21270305, 21270179, 21270458, 21270203, 21270137, 21270132, 21270107, 21270427, 21270043, 21270386, 21270378, 21270280, 21270358, 21243033, 21241994, 21242055, 21242056, 21241953, 21242030, 21242204, 21242066, 21242068, 21242105, 21242103, 21241127, 21241140, 21241178, 21241421, 21241372, 21241369, 21241605, 21240949, 21240939, 21240941, 21240968, 21240943, 21240931, 21240947, 21240935, 21240952, 21241007, 21240993, 21240938, 21240995, 21240996, 21240980, 21240983, 21835672, 21835753, 21835795, 21842206, 21842291, 21842288, 21842293, 21842299, 21842302, 21842306, 21842503, 21842218, 21841782, 21978463,

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Stage

Provisional

Contributors

Travis Nauman

State and transition model

Citations