

# Ecological site group 034AESG21

## Arid Cool Loamy Uplands

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### Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic 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
- Depth >55cm
- Rock <30% surface and <30% subsurface
- Clay <30% surface and <35% subsurface
- Sand <75% or texture is sandy loam or finer in surface & subsurface
- Clay <20% or texture is sandy loam or sandier in surface

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 hillslopes, alluvial fans, and structural benches.

### Climate

This ESG is characterized by the aridic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R034AY122WY Loamy Green River and Great Divide Basins (Ly).

### Major Land Resource Area

MLRA 034A  
Cool Central Desertic Basins and Plateaus

### Subclasses

- DX034A01X122—Loamy Green River Basin (Ly GRB)
- DX034A01X126—Loamy Calcareous Green River Basin (LyCa GRB)
- DX034A01X150—Sandy Green River Basin (Sy GRB)
- DX034A02X150—Sandy Pinedale Plateau (Sy PP)
- R034AY104WY—Clayey Green River and Great Divide Basins (Cy)
- R034AY112WY—Gravelly Green River and Great Divide Basins (Gr)
- R034AY122WY—Loamy Green River and Great Divide Basins (Ly)
- R034AY140WY—Saline Lowland Drained Green River and Great Divide Basins (SLDr)

- R034AY144WY–Saline Upland Green River and Great Divide Basins (SU)
- R034AY146WY–Sands Green River and Great Divide Basins (Sa)
- R034AY150WY–Sandy Green River and Great Divide Basins (Sy)
- R034AY158WY–Shallow Clayey Green River and Great Divide Basins (SwCy)
- R034AY162WY–Shallow Loamy Green River and Great Divide Basins (SwLy)
- R034AY166WY–Shallow Sandy Green River and Great Divide Basins (SwSy)
- R034AY174WY–Subirrigated Green River and Great Divide Basins (Sb)
- R034AY228WY–Lowland Foothills and Basins West (LL)
- R034AY230WY–Overflow Foothills and Basins West (Ov)
- R034AY262WY–Shallow Loamy Foothills and Basins West (SwLy)
- R034AY263WY–Shallow Loamy Calcareous Foothills and Basins West (SwLyCa)
- R034AY298CO–Rolling Loam
- R034AY300CO–Loamy Breaks
- R034AY322WY–Loamy High Plains Southeast (Ly)
- R034AY326WY–Loamy Overflow High Plains Southeast (LyO)
- R034AY331CO–Sandy Slopes
- R034AY350WY–Sandy High Plains Southeast (Sy)
- R034AY424CO–Loamy 7-10 PZ
- R034AY431CO–Shallow Loamy 10-14 PZ

## Correlated Map Unit Components

23725530, 23725059, 23725532, 23725580, 23725581, 23725590, 23725091, 23725683, 23725730, 23725370, 23724935, 23725413, 23725437, 23725219, 23725222, 23724726, 23725454, 23724990, 23725463, 23725226, 23725239, 23724754, 23725007, 23725011, 23724766, 23725018, 24285989, 24285993, 24285997, 24301180, 24301179, 24300613, 24300611, 24300838, 24300840, 24301192, 24300691, 24300695, 24301177, 24301036, 24301035, 24300363, 24310945, 24312419, 24312289, 24312287, 24444803, 24444853, 24444852, 24444856, 24444984, 24445467, 24445470, 24445474, 24445479, 24445481, 24445484, 24444655, 24445163, 24444897, 24444664, 24444665, 24445460, 24445461, 24444689, 24444687, 24444903, 24445574, 24445575, 24445582, 24445489, 24445591, 24445606, 24445615, 24445616, 24445622, 24445628, 24445629, 24445631, 24445636, 24445639, 24445649, 24445645, 24445650, 24465489, 24465494, 24465515, 24465516, 24465534, 24465536, 24465539, 24465544, 24465551, 24465555, 24465561, 24465564, 24465565, 24465597, 24465596, 24465599, 24465600, 24465623, 24465650, 24465669, 24465668, 24465656, 24465658, 24465672, 24465682, 24465688, 24325102, 24325272, 24325391, 24325193, 24325303, 24325353, 24364835, 24364896, 24364783, 24364902, 24364864, 24364811, 24364792, 24369679, 24369734, 24369748, 24369751, 24369757, 24369840, 24369866, 24369876, 24369894, 24369927, 24369936, 24369953, 24369954, 24369976, 24370035, 24370147, 24370175, 24370507, 24370313, 24370374, 24370468, 24370469, 24370473, 24372498, 24372817, 24372818, 24372821, 24372827, 24372610, 24372452, 24372459, 24372893, 24372903, 24372898, 24372904, 24372910, 24372914, 24372919, 24372917, 24372921, 24372922, 24372928, 24374414, 24374006, 24374004, 24374227, 24374228, 24374752, 24374761, 24374743, 24374745, 24374744, 24374763, 24374764, 24374765, 24374768, 24374770, 24374769, 24374775, 24374776, 24374799, 24375135, 24375147, 24375143, 24375151, 24375149, 24375152, 24375157, 24375155, 24375165, 24375164, 24375166, 24375163, 24375170, 24375171, 24375173, 24375183, 24375188, 24375194, 24375195, 24374907, 24374930, 24374934, 24374935, 24374936, 24374945, 24374948, 24374958, 24374965, 24374626, 24374630, 24374633, 24374634, 24375062

## Stage

Provisional

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## State and transition model

## Citations