

# Ecological site group 034AESG21

## Arid Cool Loamy Uplands

Last updated: 09/05/2024  
Accessed: 11/21/2024

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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

### **Contributors**

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### **State and transition model**

### **Citations**