

# Ecological site group 035XESG06

## Arid Cool Gypsum

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### Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Cryic, frigid, or mesic temperature regimes
- Uplands
- Surface SAR<8
- Gypsum >5% surface or >10% subsurface

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 plateaus, hills, and fan terraces.

### Climate

This ESG is characterized by the mesic temperature regime and the aridic moisture regime.

### Vegetation dynamics

The modal ecological site for this ESG is R035XY414CO Alkali Flat.

### Major Land Resource Area

MLRA 035X  
Colorado Plateau

### Subclasses

- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XC341AZ–Gypsum Hills 10-14" p.z. Calcareous
- R035XC342AZ–Gypsum Hills 10-14" p.z.
- R035XD404AZ–Gypsum Hills 7-11" p.z.
- R035XD405AZ–Gypsum Upland 7-11" p.z.
- R035XD409AZ–Loamy Upland 7-11" p.z.
- R035XD413AZ–Sandy Loam Upland 7-11" p.z. Calcareous
- R035XD414AZ–Sandy Loam Upland 7-11" p.z.
- R035XD421AZ–Clay Loam Upland 7-11" p.z.
- R035XD422AZ–Sandy Loam Upland 7-11" p.z. Gypsic
- R035XD423AZ–Breaks 7-11" p.z. Gypsiferous
- R035XE503AZ–Mudstone Hills 6-10" p.z. Gypsiferous
- R035XE516AZ–Sedimentary Cliffs 6-10" p.z.
- R035XE518AZ–Loamy Upland 6-10" p.z. Gypsiferous

- R035XY106UT–Desert Gypsum Loam (Torrey's Jointfir)
- R035XY124UT–Desert Shallow Clay (Mat Saltbush)
- R035XY126UT–Desert Shallow Gypsum (Torrey's Jointfir)
- R035XY130UT–Desert Shallow Sandy Loam (Shadscale)
- R035XY142UT–Desert Very Shallow Gypsum (Torrey's Jointfir)
- R035XY209UT–Semidesert Loam (Wyoming Big Sagebrush)
- R035XY221UT–Semidesert Shallow Loam (Utah Juniper-Pinyon)
- R035XY237UT–Semidesert Shallow Gypsum (Mormontea)
- R035XY263UT–Semidesert Very Steep Stony Loam (Two-Needle Pinyon, Utah Juniper)
- R035XY264UT–Semidesert Gypsum (Torrey's Jointfir)
- R035XY402CO–Sandy Saltdesert
- R035XY403CO–Clayey Salt Desert
- R035XY406CO–Salt Desert Breaks
- R035XY410CO–Silty saltdesert
- R035XY413CO–Alkali Bottom
- R035XY414CO–Alkali Flat
- R035XA109AZ–Gypsum Upland 10-14" p.z.
- R035XB008NM–Sodic Slopes
- R035XB022NM–Loamy Upland 6-10"p.z. sodic
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB205AZ–Loamy Upland 6-10" p.z. Gypsic
- R035XB206AZ–Sandy Upland 6-10" p.z. Warm
- R035XB227AZ–Sandy Loam Upland 6-10" p.z. Saline-Sodic
- R035XB235AZ–Sandy Loam Upland 6-10" p.z. Warm
- R035XB249AZ–Mudstone/Sandstone Upland 6-10" p.z. Limy, Channery
- R035XB251AZ–Mudstone/Sandstone Hills 6-10" p.z. Warm
- R035XB267AZ–Sandy Loam Upland 6-10" p.z. Limy
- R035XB274AZ–Sandy Loam Upland 6-10" p.z. Saline
- R035XB278AZ–Loamy Upland 6-10" p.z. Saline, Gypsic
- R035XB279AZ–Clay Loam Upland 6-10" p.z. Sodic, Gypsic

### **Correlated Map Unit Components**

24478668, 24478790, 24478792, 24478791, 24478903, 24476438, 24476449, 24476442, 24476350, 24476049, 24447086, 24447253, 23735342, 23735169, 23735166, 23735487, 23735043, 23735483, 23735345, 23735348, 23735040, 23735037, 23735175, 23735410, 23735054, 23735055, 23735238, 23735490, 23735139, 23735036, 23735495, 23735350, 23735066, 23734465, 23732092, 23732096, 23732212, 23732141, 24504417, 24446035, 24446039, 24446054, 24446081, 24446171, 24446175, 24529012, 24529277, 24529053, 24529051, 24529055, 24529057, 24529311, 24529558, 24530572, 24533520, 24533063, 24533226, 24533391, 24533260, 24533258, 24533047, 24533519, 24533328, 24538978, 24538783, 24538562, 24538966, 24538965, 24539131, 24539130, 24539118, 24539120, 24539117, 24538809, 24538334, 24539175, 24539173, 24538177, 24538301, 24540690, 24540762, 24540887, 24540917, 24540916, 24540747, 24540744, 24540745, 24540924, 24477068, 24477108, 24477109, 24477110, 24477112, 24477113, 24477323, 24477324, 24477153, 24477176, 24477180, 24477183, 24477197, 24477211, 24477210, 24477234, 24477257, 24477275, 24477277, 24481996, 24482000, 24482150, 24482152, 24482019, 24482095, 24482094, 24505153, 24505117, 24505116, 24505132, 24505074, 24505076, 24484716, 24491269, 24491234, 24491292, 24478663, 24478665, 24478667

### **Stage**

Provisional

### **Contributors**

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### **State and transition model**

## Citations