

# Ecological site group DX035X01AESG04

## Grand Staircase-Outcrops & Slopes-Soils mod deep or deeper

Last updated: 05/03/2024  
Accessed: 05/03/2024

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### Key Characteristics

- Grand Staircase-Kaiparowits
- Outcrops and Slopes
- Soils are moderately deep or deeper

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 ecological site group occurs on hillslopes, mountain slopes, and canyon sideslopes at elevations between 4100 and 8500 feet. Slopes typically range from 20-70%.

### Climate

Soil temperature and moisture regimes range from mesic, aridic ustic to frigid, typic ustic

### Soil features

The ecological site group soil is deep and well drained. It formed in alluvium, slope alluvium and colluvium derived mainly from sedimentary rock with some areas mantled with basalt. Soils are loamy-skeletal, usually with more than 50 percent rock fragments throughout the soil profile. The surface is often stony or bouldery.

### Vegetation dynamics

This plant community phase is characterized by a very sparse canopy of two-needle pinyon and Utah juniper, with a well developed shrub layer and perennial grass understory. Shrubs commonly seen include sagebrush and Ephedra. Typical grasses include Indian ricegrass and Salina wildrye. Forb composition varies greatly depending on seed source, soil, and growing conditions. Other grasses and shrubs are also present; however, species composition varies from one site to the next.

### Major Land Resource Area

MLRA 035X  
Colorado Plateau

### Stage

Provisional

### State and transition model

### Citations