

Ecological site group DX035X02FESG01

Kaibab Plateau - Ustic Aridic - Gypsum Hills

Last updated: 10/31/2022
Accessed: 04/19/2024

Key Characteristics

- Kaibab Plateau (F)
- Site soils are gypsiferous.
- Soils are ustic aridic or precipitation is within the range of 10 to 14 inches.
- Site is and/or located in an upland with slopes >15%.

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

Site is and/or located in an upland with slopes >15%. Aspects tend toward the perimeter of the LRU subset.

Climate

Site soils are ustic aridic or within a 10-14" precipitation zone. Precipitation comes predominantly from winter storm patterns from November through March at upper elevations. Monsoonal patterns and xeric patterns are more equal at lower elevations.

Soil features

Parent material is gypsiferous shale. Site consists of gently dipping shallow residuum weathered from sedimentary rocks eroded into hills, steep cliff faces and canyons.

Vegetation dynamics

Mixed Shrub-Mixed Grass

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- R035XC342AZ–Gypsum Hills 10-14" p.z.

Correlated Map Unit Components

22601037

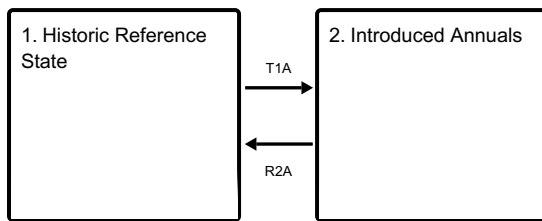
Stage

Provisional

Contributors

State and transition model

Ecosystem states



State 1

Historic Reference State

Mixed Shrub-Mixed Grass

State 2

Introduced Annuals

Annuals-Mixed Shrubs- Mixed Grass with introduced annuals

Transition T1A

State 1 to 2

Invasion of introduced annuals

Restoration pathway R2A

State 2 to 1

Once invasive introduced annuals are present it is highly unlikely the site will return to reference.

Citations