# Ecological site group DX035X02AESG03
# North Slope of the Mogollon Rim - Ustic Aridic - Limestone or Loamy Cliffs

Last updated: 09/01/2021
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## Key Characteristics

- North Slope of the Mogollon Rim (A)
- Site parent material is limestone or dolomite, or soil is loamy.
- Site soils are ustic aridic or within a 10-14" precipitation zone.
- Site is and/or located on a cliff with slopes >50%.

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 northeast.

## Climate

Site soils are ustic aridic or within a 10-14" precipitation zone. Precipitation comes predominantly from monsoonal patterns during months of July, August, and September.

## Soil features

Parent material or dolomite, or soil is loamy. Site consists of gently dipping shallow residuum weathered from sedimentary rocks eroded into steep cliff faces and canyons.

## Major Land Resource Area

MLRA 035X
Colorado Plateau

## Subclasses

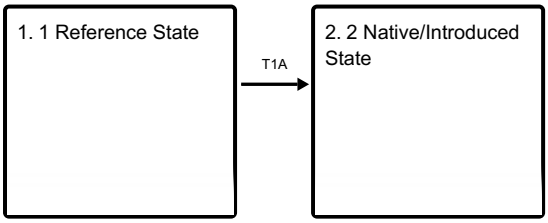
- R035XA101AZ–Breaks 10-14" p.z.

## Stage

Provisional

## State and transition model

**Ecosystem states**



**State 1 submodel, plant communities**

1.1. 1.1 Historic Climax Plant Community

**State 2 submodel, plant communities**

2.1. 2.1 Juniper/Composite Shrubs/Native & Introduced Grasses and Forbs

## State 1
## 1 Reference State

Sideoats grama, blue grama, one seed juniper, Utah juniper, fourwing saltbush, winterfat

## Community 1.1
## 1.1 Historic Climax Plant Community

This ecological site has a plant community made up primarily of mid and short grasses with relatively large percentages of shrubs. The plant community is a mixture of both cool and warm season grasses.

## State 2
## 2 Native/Introduced State

sideoat grama, blue grama, one seed juniper, Utah Juniper fourwing saltbush, winterfat, non-native annuals.

## Community 2.1
## 2.1 Juniper/Composite Shrubs/Native & Introduced Grasses and Forbs

Introduced exotic annual grasses (cheatgrass, red brome) and forbs (Russian thistle, filaree) are present in minor amounts in the plant community, but the amount and proportions of native plants is similar to that found in plant community 1.1, Historic Climax Plant Community.

## Transition T1A
## State 1 to 2

Introduced exotic annual grasses (cheatgrass, red brome) and forbs (Russian thistle, filaree) are present in minor amounts in the plant community,

## Citations