Ecological site group DX035X02CESG08
Coconino Transition - Aridic Ustic - Limestone or Loamy Upland

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Key Characteristics

- Coconino Transition (C)
- Site parent material is limestone or dolomite, or soil is loamy.
- Site soils are aridic ustic or within a 14-18" precipitation zone.
- 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 to be northeast except valleys near Truxton Wash and Aubrey Valley.

Climate

Site soils are aridic ustic or within a 14-18" precipitation zone. Precipitation comes predominantly from monsoonal patterns during months of July, August, and September. Winter precipitation is equally predominant in the northern half of the LRU.

Soil features

Parent material is limestone. Soils are loamy. Site consists of limited amounts of gently sloping sheet alluvial or eolian deposits over residuum of plateaus and structural benches..

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- R035XG717AZ–Shallow Loamy 14-18" p.z.

Correlated Map Unit Components

22353774, 22353775, 22353779, 22353829, 22391436, 22391441

Stage

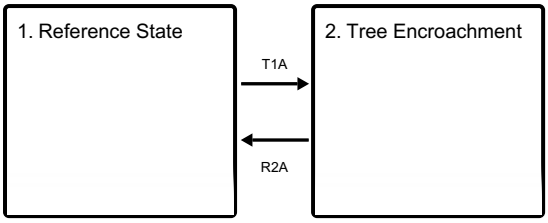
Provisional

Contributors

Curtis Talbot

State and transition model

Ecosystem states



State 1
Reference State

Rangeland - grasses with moderate percentage of forbs and shrubs

State 2
Tree Encroachment

Juniper - Pinion, fourwing saltbush, blue grama, needle and thread

Transition T1A
State 1 to 2

Pinyon and Juniper have encroached.

Restoration pathway R2A
State 2 to 1

Disturbance to set back the pinyon and juniper.

Citations