

Ecological site group DX035X02BESG04

Coconino Plateau - Aridic Ustic - Limestone or Loamy Upland

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Key Characteristics

- Coconino Plateau (B)
- 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 southwest in the eastern half, and east in the western half of the LRU

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.

Soil features

Subset subgroup- Parent Material Limestone or Dolomite, or Soil is 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

- R035XG711AZ–Loamy Upland 14-18" p.z.
- R035XG717AZ–Shallow Loamy 14-18" p.z.

Correlated Map Unit Components

22353355, 22353356, 22353357, 22353358, 22353359, 22353785, 22388416, 22388461, 22388463

Stage

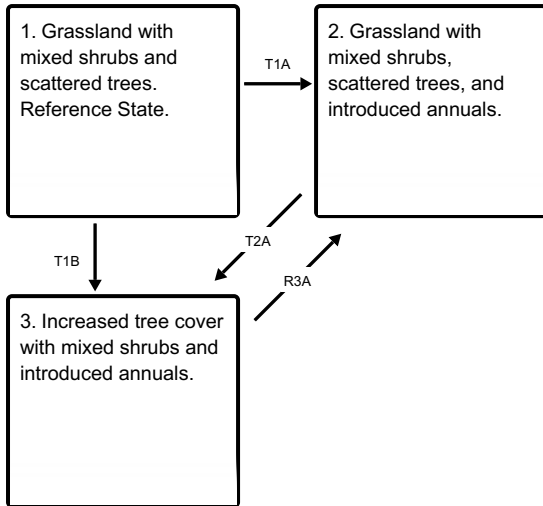
Provisional

Contributors

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State and transition model

Ecosystem states



State 1

Grassland with mixed shrubs and scattered trees. Reference State.

State 2

Grassland with mixed shrubs, scattered trees, and introduced annuals.

State 3

Increased tree cover with mixed shrubs and introduced annuals.

Transition T1A

State 1 to 2

Historic introduction of annual species.

Transition T1B

State 1 to 3

Historic introduction of annual species and/or removal of fire and/or improper grazing management.

Transition T2A

State 2 to 3

Removal of fire and/or improper grazing management.

Restoration pathway R3A

State 3 to 2

Brush management and restoration of fire to landscape.

Citations