

Ecological site group DX035X02CESG11

Coconino Transition - Ustic Aridic - Sandstone or Sandy Upland

Last updated: 10/25/2022
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Key Characteristics

- Coconino Transition (C)
- Soil at site is sandy.
- Site soils are ustic aridic or within a 10-14" 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 ustic aridic or within a 10-14" 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 sandstone. Soils are sandy loam. 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

- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- F035XA126AZ–Sandy Loam Upland 10-14" p.z. Gravelly (JUOS, PIMO)
- R035XA115AZ–Sandstone Upland 10-14" p.z.

Correlated Map Unit Components

22353684, 22353715, 22353711, 22394030

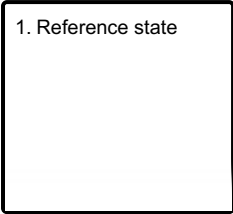
Stage

Provisional

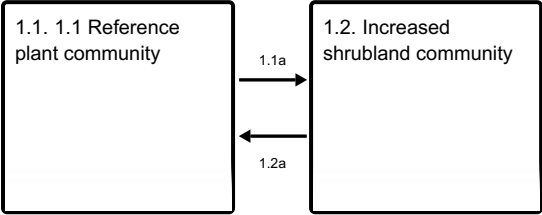
Contributors

State and transition model

Ecosystem states



State 1 submodel, plant communities



State 1
Reference state

Reference plant community

Community 1.1
1.1 Reference plant community

Black grama/blue grama, galleta, Mormon tea, Bigelow sage/cliff rose

Community 1.2
Increased shrubland community

Snake weed, rabbitbrush, Mormon tea and blue grama

Pathway 1.1a
Community 1.1 to 1.2

A decrease in palatable grasses and increase in lesser palatable shrubs.

Pathway 1.2a
Community 1.2 to 1.1

A set back to the shrubs along with management to improve the density of palatable grasses.

Citations