Ecological site group DX035X02EESG09
Arizona Strip - Typic Aridic - Clay Loam Bottoms

Last updated: 10/26/2022
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Key Characteristics

- Arizona Strip (E)
- Site parent material is basalt or clayey
- Soils are typic aridic, or precipitation is within the range of 7 to 11 inches.
- Site is and/or located in a wash.

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 bottoms with slopes <3%. Aspects tend toward northeast except along escarpments.

Climate

Site soils are typic aridic or within a 6-10" precipitation zone. Precipitation comes monsoonal patterns during months of July, August, and September, and is supplemented by winter storm patterns from November through March.

Soil features

Parent material is basalt. Soils are clay loam. Site consists of broad alluvial deposits in washes, streams or fans, often deep.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- R035XD418AZ–Clay Loam Bottom 7-11" p.z.
- R035XD419AZ–Loamy Wash 7-11" p.z.

Correlated Map Unit Components

22338513, 22338625, 22340948, 22340826

Stage

Provisional

Contributors

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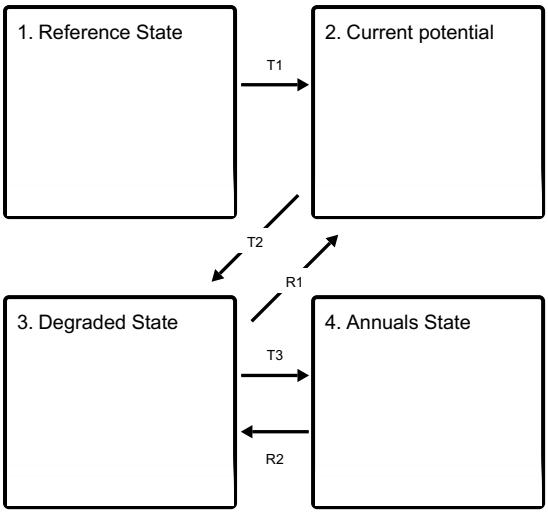
State and transition model

Ecosystem states



State 1
Reference State

Mixed Native Grasses/Shrubs

State 2
Current potential

Mixed native grasses/shrub with introduced annual forbs and grasses.

State 3
Degraded State

Introduced annuals and shrubs with occasional native grasses.

State 4
Annuals State

Introduced annuals with rare shrubs and/ or native grasses.

Transition T1
State 1 to 2

Historic introduction of annual species.

Transition T2
State 2 to 3

Improper grazing, extreme or prolonged drought.

Restoration pathway R1
State 3 to 2

Rangeland re-seeding, improved grazing management.

Transition T3
State 3 to 4

Extreme/prolonged improper grazing. erosion and/or channel incision. prolonged drought.

Restoration pathway R2
State 4 to 3

Rangeland re-seeding, channel repair.

Citations