

Ecological site group 035XESG11

Arid Cool Sandy Bottoms

Last updated: 04/30/2024
Accessed: 05/20/2024

Key Characteristics

- <75% bedrock outcrop
- Ephemeral water or uplands
- Aridic moisture regime
- Cryic, frigid, or mesic temperature regimes
- Additional water
- Subsurface EC<4
- Sand >50% & clay <25% for surface and subsurface

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

This ESG is located on flood plains, alluvial fans, flood-plain steps, and stream channels.

Climate

This ESG is characterized by the mesic temperature regime and the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R035XY013UT Semiwet Fresh Streambank (Fremont Cottonwood).

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X03E002–Sandy
- F035XC332AZ–Sandy Bottom 10-14" (PODEW, SAEX), Perennial (Provisional)
- R035XB021NM–Loamy Upland 7-10
- R035XB028NM–Sandy Bottom 6-10"
- R035XB216AZ–Sandy Wash 6-10" p.z.
- R035XB269AZ–Loamy Bottom 6-10" p.z. Perennial
- R035XB273AZ–Sandy Bottom 6-10" p.z. Perennial
- R035XY013UT–Semiwet Fresh Streambank (Fremont Cottonwood)
- R035XY015UT–Sandy Bottom
- R035XY020UT–Colorado Plateau Riparian Complex Perennial (Valley Type IV - B4C Stream Type)
- R035XY021UT–Colorado Plateau Riparian Complex Perennial (Valley Type VIII - B4C Stream Type)

Correlated Map Unit Components

24447195, 24446916, 24446927, 24504459, 24504311, 24504547, 24327322, 24529527, 24529530, 24529531,

24530517, 24529930, 24530541, 24533255, 24533588, 24539048, 24539082, 24538324, 24540702, 24540682

Stage

Provisional

Contributors

Curtis Talbot

Travis Nauman

State and transition model

Citations