

Major Land Resource Area 157X

Arid and Semiarid Low Mountain Slopes

Accessed: 06/17/2026

Ecological site keys

MLRA 157

I. Soil Parent Material

A. Volcanic Ash

1 Average Annual Rainfall (inches)

- i. **7 to 20 in** ... VX157X01X003 – Rocky Volcanic Ash Savanna Kiawe/buffelgrass (Prosopis pallida/Pennisetum ciliare)
- ii. **20 to 40 in** ... VX157X01X008 – Rocky Isothermic Naturalized Grassland Koa haole/guineagrass - buffelgrass/glycine (Leucaena leucocephala/Urochloa maxima - Cenchrus ciliaris/Neonotonia wightii)

B. Volcanic ash with high content of dark olivine sand ... VX157X01X001 – Torric Naturalized Grassland

C. Alluvium ... VX157X01X004 – Alluvial Woodland (Kiawe/Prosopis pallida)