

Major Land Resource Area 030X

Mojave Basin and Range

Accessed: 12/21/2024

Ecological site keys

Sandsheets and sand dunes of eolian origin

I. Site occurs on basin floor

A. Site is associated with alluvial flat.

- 1 Sand dunes and sand sheets burying and adjacent to an alluvial flat, flood-plain step or similar fluvial landform ... R030XA016CA – Deep Sand 5-7
- 2 Soils are very deep and found on sand sheets developed from eolian deposition originating from lake or marine deposits. Soils are slightly to moderately alkaline. ... R030XA021CA – Limy Sand 5-7
- 3 This site occurs on sand sheets and alluvial plains near dry lake beds or playas. ... R030XA065NV – DRY WASH

B. Site is associate with playa dunes

- 1 Bedrock or old landforms likely buried where water table is perched high enough to support mesquite ... R030XY154CA – Dune 3-5" P.Z.
- 2 This site exists on fan deltas produced by a large ephemeral river draining into a dry lake. ...

II. Site occurs on the piedmont slope

A. Site is associated with the lower fan piedmont on the lower piedmont slope.

- 1 This site occurs on sand sheets, dunes, sand sheets on fan remnants and fan aprons on fan remnants ... R030XB148CA – Sandy Plain
- 2 Semi-active to stabilized upland sandsheets and dunes; in the absence of drought, altered hydrology or any other disturbance, dunes are stable enough to support creosote bush ... R030XD014CA – Hyperthermic Sandy Plains
- 3 Greater than 15 % slope ... R030XD008CA – Hyperthermic Sandhill
- 4 Semi-active to active upland dunes; in the absence of drought, altered hydrology or any other disturbance, dunes are too active to support creosote bush ... R030XD045CA – Hyperthermic Stable Sand Dunes And Sandsheets
- 5 This ecological site is found on stabilized dunes and steep sandsheets. Elevations range from 950 to 2620 feet, and slopes are 8 to 30 percent. The plant community is strongly dominated by big galleta, ... R030XD008CA – Hyperthermic Sandhill
- 6 This ecological site is found on stabilized sandsheets and dunes at elevations ranging from 710 to 2460 feet and slopes of 0 to 8 percent. Dominant soils are very deep fine sands that formed from eolian deposits and exhibit no soil development. ... R030XD025CA – Hyperthermic Sandsheets

B. Site occurs on an erosional fan remnant of the upper piedmont slope.

- 1 Site has lower elevation than 1650 feet. ... R030XB097NV – SANDHILL 3-5 P.Z.

III. [Criteria]