

Ecological site group 030XESG11

Saline Uplands

Last updated: 03/13/2023
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Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR <8, and Subsurface EC <8, and Surface EC <4
- Gypsum <5% surface and <10% subsurface
- EC >1.5 surface or >2 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 alluvial fans, fan terraces, and basin floors.

Vegetation dynamics

The modal ecological site for this ESG is R030XB005NV Arid Active Alluvial Fans.

Major Land Resource Area

MLRA 030X
Mojave Basin and Range

Subclasses

- F030XC235NV–Steep Shallow Metamorphic Mesic Mountains
- F030XC243NV–Pinus monophylla-Juniperus osteosperma/Purshia stansburiana-Artemisia nova/Bouteloua gracilis
- F030XC252NV–LIMESTONE SLOPES
- F030XC292NV–LIMESTONE SLOPES
- R030XA001CA–Cool Loamy Fan Remnants 5-7
- R030XA002CA–Calcareous Fan 5-7
- R030XA004CA–Gravelly Sand 5-7" p.z. see R029XY017NV
- R030XA007NV–GRAVELLY LOAM 5-7 P.Z.
- R030XA008CA–Sandy Fan 5-7
- R030XA012CA–Calcareous Loam 5-7
- R030XA014CA–Clay Plain
- R030XA022CA–Loamy 5-7
- R030XA023CA–Loamy Bottom 5-7
- R030XA024CA–Outwash Plain
- R030XA031CA–Sodic Dunes 5-7" P.Z.
- R030XA044NV–LOAMY HILL 5-7 P.Z.
- R030XA047NV–BARREN FAN
- R030XA051CA–Steep Granitic Hills 5-7 p.z.
- R030XA051NV–COBBLY CLAYPAN 5-7 P.Z.
- R030XA053NV–CALCAREOUS LOAM 3-5 P.Z.

- R030XA058NV–LIMY 5-7 P.Z.
- R030XA059NV–GRAVELLY HILL 5-7 P.Z.
- R030XA061NV–LOAMY 5-7 P.Z.
- R030XA066NV–CALCAREOUS LOAM 5-7 P.Z.
- R030XA068NV–CALCAREOUS HILL 5-7 P.Z.
- R030XA069NV–LIMY SAND 5-7 P.Z.
- R030XA071NV–COBBLY LOAM 5-7 P.Z.
- R030XA093NV–QUARTZITE FAN 5-7 P.Z.
- R030XA094NV–SHALLOW GRAVELLY LOAM 5-7 P.Z.
- R030XA103AZ–Clayey Bottom 3-6" p.z.
- R030XA109AZ–Limy Upland 3-6" p.z. Deep
- R030XA111AZ–Saline Bottom 3-6" p.z.
- R030XA115AZ–Sandy Wash 3-6" p.z.
- R030XA120AZ–Sandy Loam Hills 3-6" p.z. Limy, Gravelly, Shallow
- R030XB001NV–LIMY HILL 5-7 P.Z.
- R030XB004NV–SANDY 5-7 P.Z.
- R030XB005NV–Arid Active Alluvial Fans
- R030XB006NV–LOAMY 5-7 P.Z.
- R030XB017NV–LIMY HILL 3-5 P.Z.
- R030XB019NV–Eroded Fan Remnant Pavette 4-6 P.Z.
- R030XB020NV–LOAMY BOTTOM
- R030XB028NV–VALLEY WASH
- R030XB029NV–SHALLOW GRAVELLY LOAM 5-7 P.Z.
- R030XB031NV–SHALLOW LIMY 5-7 P.Z.
- R030XB032NV–DRY FLOODPLAIN
- R030XB034NV–SANDY PLAIN 5-7 P.Z.
- R030XB036NV–DROUGHTY LOAM 5-7 P.Z.
- R030XB038NV–GRAVELLY PEDIMENT 3-5 P.Z.
- R030XB039NV–LIMY FAN 5-7 P.Z.
- R030XB041NV–SHALLOW DROUGHTY LOAM 5-7 P.Z.
- R030XB046NV–OUTWASH PLAIN
- R030XB047NV–ALLUVIAL PLAIN
- R030XB050NV–Calcic Dry Wash
- R030XB058NV–GRANITIC FAN 5-7 P.Z.
- R030XB063NV–SANDHILL 5-7 P.Z.
- R030XB065NV–SODIC SAND
- R030XB074NV–COBBLY LOAM 5-7 P.Z.
- R030XB076NV–SHALLOW GRAVELLY SLOPE 6-8 P.Z.
- R030XB077NV–STEEP SOUTH SLOPE
- R030XB083NV–BASALTIC FAN 3-5 P.Z.
- R030XB090NV–GRAVELLY FAN 7-9 P.Z.
- R030XB092NV–DESERT PATINA
- R030XB095NV–SHALLOW VOLCANIC HILL 5-7 P.Z.
- R030XB098NV–GRAVELLY OUTWASH
- R030XB099NV–GRAVELLY RIDGE 5-7 P.Z.
- R030XB102NV–GRAVELLY LOAM 5-7 P.Z.
- R030XB107NV–COARSE GRAVELLY LOAM 5-7 P.Z.
- R030XB110NV–TABLELAND 3-5 P.Z.
- R030XB112NV–STONY LIMESTONE SLOPE 5-7 P.Z.
- R030XB122CA–Calcareous Loam 3-5" P.Z.
- R030XB123NV–LIMESTONE SLOPE 5-7 P.Z.
- R030XB136CA–Dry Wash
- R030XB136NV–SHALLOW LIMESTONE 7-9 P.Z.
- R030XB137CA–Granitic Loam
- R030XB140NV–CALCAREOUS LOAM 5-7 P.Z.
- R030XB142NV–SHALLOW LOAM 7-9 P.Z.
- R030XB143CA–Shallow Granitic Loam 5-7" P.Z.
- R030XB148CA–Sandy Plain

- R030XB150CA–Sandhill 3-5" P.Z.
- R030XB203AZ–Basalt Slopes 6-9" p.z.
- R030XB211AZ–Limy Fan 6-9" p.z.
- R030XB212AZ–Limy Slopes 6-9" p.z.
- R030XB214AZ–Limy Upland 6-9" p.z.
- R030XB220CA–Very Shallow Duripan Fan Remnants
- R030XC007NV–SHALLOW GRAVELLY LOAM 7-9 P.Z.
- R030XC038NV–SHALLOW GRAVELLY SLOPE 9-11 P.Z.
- R030XC040NV–STEEP NORTH SLOPE 9-11 P.Z.
- R030XC309AZ–Loamy Slopes 10-13" p.z. Cobbly
- R030XC311AZ–Limy Upland 10-13" p.z.
- R030XC314AZ–Sandy Loam Slopes 10-13" p.z. Gravelly, Warm
- R030XC318AZ–Sandy Loam Upland 10-13" p.z. Limy, Skeletal
- R030XD002CA–Desert Pavement
- R030XD015CA–Hyper-Arid Fans
- R030XF003CA–COARSE LOAMY
- R030XF012CA–Sandy
- R030XF024CA–SANDY CALCAREOUS
- R030XF025CA–GRAVELLY COARSE LOAMY
- R030XF034CA–COARSE LOAMY BOTTOM
- R030XG020CA–ALKALI FLATS 4-9"
- R030XG022CA–SANDY 4-9"
- R030XG024CA–DESERT PAVEMENT
- R030XY002CA–Desert Pavement
- R030XY013NV–SHALLOW SILTY
- R030XY024NV–SALINE BOTTOM
- R030XY040NV–SODIC TERRACE
- R030XY045NV–DUNES 3-7 P.Z.
- R030XY046NV–OUTWASH PLAIN
- R030XY047NV–ALLUVIAL PLAIN
- R030XY110UT–Desert Loam (Creosotebush)
- R030XY127CA–Sodic Dune 3-5" P.Z.
- R030XY134UT–Desert Shallow Loam (Creosotebush)
- R030XY154CA–Dune 3-5" P.Z.

Correlated Map Unit Components

22338416, 22338434, 22338446, 22338479, 22338518, 22338521, 22338560, 22338565, 22338582, 22338622, 22338623, 22338669, 22338672, 22341566, 22341486, 22391212, 22391197, 22391367, 22394100, 22395045, 22394948, 22394956, 22394957, 22394955, 23481917, 23482169, 23482174, 23482183, 23482428, 23482432, 23482438, 23482440, 23482444, 22639775, 22639777, 22639868, 22639917, 22639854, 22641831, 22641269, 22642499, 22642424, 22642365, 22642439, 22642260, 22642261, 22642266, 22642525, 22642542, 22642394, 22642398, 22642288, 22642475, 23236816, 23237217, 22645010, 22645087, 22645090, 22645177, 22645191, 22645096, 22645019, 22645101, 22648482, 22648969, 22648903, 22648915, 22648924, 22648990, 22648867, 22648928, 22648935, 22648936, 22648942, 22648841, 22648886, 22649009, 22648890, 22649012, 22648948, 22648953, 22648958, 22648962, 22648844, 22648849, 22654961, 22654981, 22655002, 22655032, 22655034, 22655406, 22655469, 22655265, 22655564, 22655131, 22658443, 22658361, 22658221, 22660788, 22660967, 22660971, 22660798, 22660674, 22660899, 22660577, 23483748, 23483957, 22595785, 22595557, 22595792, 22595794, 23435127, 23435128, 22661208, 22661367, 22661732, 22661165, 22662954, 22662958, 22663157, 22663159, 22663160, 22663341, 22663046, 22663644, 22663585, 22663586, 23489647, 23487719, 23487771, 23487819, 23487817, 23148908, 23148718, 23148826, 23148739, 23149013, 23148675, 23148927, 23148924, 23148677, 23148665, 23148668, 23148679, 23148846, 23148852, 23148856, 23148857, 23148998, 23148913, 23148893, 23148805, 23148650, 23148689, 23148744, 23148620, 23148960, 23148961, 23148974, 23148699, 23148841, 23149008, 23149012, 23148977, 23148631, 23148777, 23148778, 23148783, 23148876, 23148738, 23148660, 23151333, 23151334, 23151325, 23151546, 23151547, 23151450, 23151339, 23151220, 23151323, 23237397, 23237401, 23237408, 23237410, 23237412, 23237416, 23237424, 23237434, 23237453, 23237456, 23237497, 23237507, 23237519, 23237521, 23237525, 23237532, 23237529, 23237548, 23237553, 23237554, 23237556, 23237615, 23237623, 23237641, 23237658, 23237672, 23237684, 23237690, 23237712, 23237894,

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Stage

Provisional

Contributors

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Travis Nauman

State and transition model

Citations