

Major Land Resource Area 024X

Humboldt Basin and Range Area

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Ecological site keys

Piedmont Slope

- I. Sites receive less than 8 inches annual precipitation. Soil characterized by a typic aridic soil moisture regime.
 - A. Soil characterized by a silty texture at surface and throughout the profile.
 - 1 Soils at this site are typically on basin floors and inset fans. ... R024XY004NV – SILTY 4-8 P.Z.
 - 2 Soils at this site have a root restrictive layer (duripan) at a depth of 50 cm or shallower. ... R024XY059NV – SILTY 8-10 P.Z.
 - 3 soils at this site are typically on fan skirts and fan aprons. ... R024XY014NV – COARSE SILTY 4-8 P.Z.
 - B. Soil not silty, typically gravelly fine sandy loam ... R024XY002NV – LOAMY 5-8 P.Z.
- II. Site receives 8 inches or more annual precipitation. Soils characterized by an aridic bordering on xeric soil moisture regime.
 - A. Soil less than 50cm deep (shallow)
 - 1 Soil shallow to a subsurface horizon weakly to strongly cemented by silica (duripan) and non-effervescent above the duripan. ... R024XY017OR – SHALLOW LOAM 8-10 PZ
 - 2 Shallow to a subsurface horizon weakly to strongly cemented by silica (duripan) and violently effervescent throughout. ... R024XY030NV – SHALLOW CALCAREOUS LOAM 8-10 P.Z.
 - B. Soil greater than 50cm deep (moderately deep, deep, or very deep)
 - 1 subsurface accumulation of clay (argillic horizon) present
 - i. Mapped in Nevada. Likely the same site as R024XY016OR. ... R024XY005NV – LOAMY 8-10 P.Z.
 - ii. Mapped in Oregon. Likely the same site as R024XY005NV. ... R024XY016OR – LOAMY 8-10 PZ
 - iii. This site is within coppice mound and playette features. The Wyoming big sagebrush is on mounds. The soils at this site may experience brief to occasional periods of ponding. ... R024XY123OR – LOW CLAYEY TERRACE 8-10 PZ
 - 2 subsurface accumulation of clay (argillic horizon) typically absent.
 - i. Typically greater than 35 percent rock fragments by volume exist throughout the profile. ... R024XY020NV – DROUGHTY LOAM 8-10 P.Z.
 - iii. Soils at this site typically have a dark colored surface horizon (mollic epipedon) or are close to achieving the mollic epipedon criteria (10YR 3/2 moist, 10YR 5/2 dry). ... R024XY653OR – ARID FAN 8-10 PZ
 - iv. Soils at this site typically have a silica cemented layer or other restrictive feature (paralithic contact) within 100 cm of the soils surface. ... R024XY058NV – SANDY LOAM 8-10 P.Z.
 - v. Soils at this site typically are on sand sheet landforms and have a coarse surface texture (loamy sand or sandy loam). ... R024XY017NV – SANDY 8-10 P.Z.