

Major Land Resource Area 074X Central Kansas Sandstone Hills

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Ecological site keys

MLRA 74

I. Alluvial Soils (floodplains, terraces, and interdunes)

A. Soils that have a seasonal or perennial high water table (<6 feet from surface)

i. Soils with a water table <6 feet ... HX074XY132KS - Subirrigated ... HX074XY132 – Subirrigated

B. Soils that do not have a seasonal or perennial high-water table (>6 feet from surface)

i. Soils with high concentration of salts EC > 4 ds/m in the profile ... HX074XY120KS - Saline Lowland ... HX074XY120 – Saline Lowland

ii. Soils with >52% sand in the surface ... HX074XY123KS - Sandy Floodplain ... HX074XY123 – Sandy Floodplain

iii. Surface texture is >40% clay within 12" ... HX074XY104KS - Clay Lowland ... HX074XY104 – Clay Lowland

iv. Site occurs on stream terraces ... HX074XY114KS - Loamy Terrace ... HX074XY114 – Loamy Terrace

v. All other soils with a water table >6 feet ... HX074XY113KS - Loamy Floodplain ... HX074XY113 – Loamy Floodplain

II. Eolian Sandy Soils (generally soils with >52% sand)

A. Soils with >52% sand in the surface ... HX074XY122KS - Sand Plains ... HX074XY122 – Sand Plains

III. Hills (undulating to hilly uplands)

A. Soil depth <20 inches to sandstone ... HX074XY130KS - Shallow Sandstone ... HX074XY130 – Shallow Sandstone

B. Soils on uplands with clay content >45% at depths <14 inches ... HX074XY107KS - Clay Hills ... HX074XY107 – Clay Hills

C. All other ... HX074XY115KS - Loamy Hills ... HX074XY115 – Loamy Hills