

Major Land Resource Area 106X

Nebraska and Kansas Loess-Drift Hills

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Ecological site keys

MLRA 106

I. Run-on landscape positions

A. Seasonally high (<36") depth to water table

1. Visible salts ... R106XY067NE – Saline Subirrigated
2. 0-36" to water table. Much stronger prairie cordgrass component ... R106XY065NE – Wet Subirrigated
3. 18-36" depth to water table ... R106XY032NE – Subirrigated

B. depth to water table >36"

1. Active floodplain (flooding OC-FR). Texture other than sandy. ... R106XY068NE – Loamy Floodplain
2. Texture of SL, LS, S ... R106XY069NE – Sandy Lowland
3. Terrace (flooding NO-RA)
 - i. Visible salts ... R106XY083NE – Saline Lowland
 - ii. No salts ... R106XY070NE – Loamy Terrace

II. Run-off landscape positions

A. Soil depth < 20"

1. Non-effervescent sandstone within 20" ... R106XY079NE – Shallow Sandy
2. Strong woody component in reference community ... R106XY031NE – Shallow Savannah
3. Effervescent; limestone shale within 20" ... R106XY077NE – Shallow Limy

B. Soil depth > 20"

1. Non-effervescent

- i. Argillic, > 45% clay ... R106XY074NE – Clayey Upland
- ii. < 45% clay ... R106XY075NE – Loamy Upland
- iii. Oak and hickory dominate the woody component in reference community ... R106XY025NE – Savannah

2. Effervescent within 10" ... R106XY076NE – Limy Upland