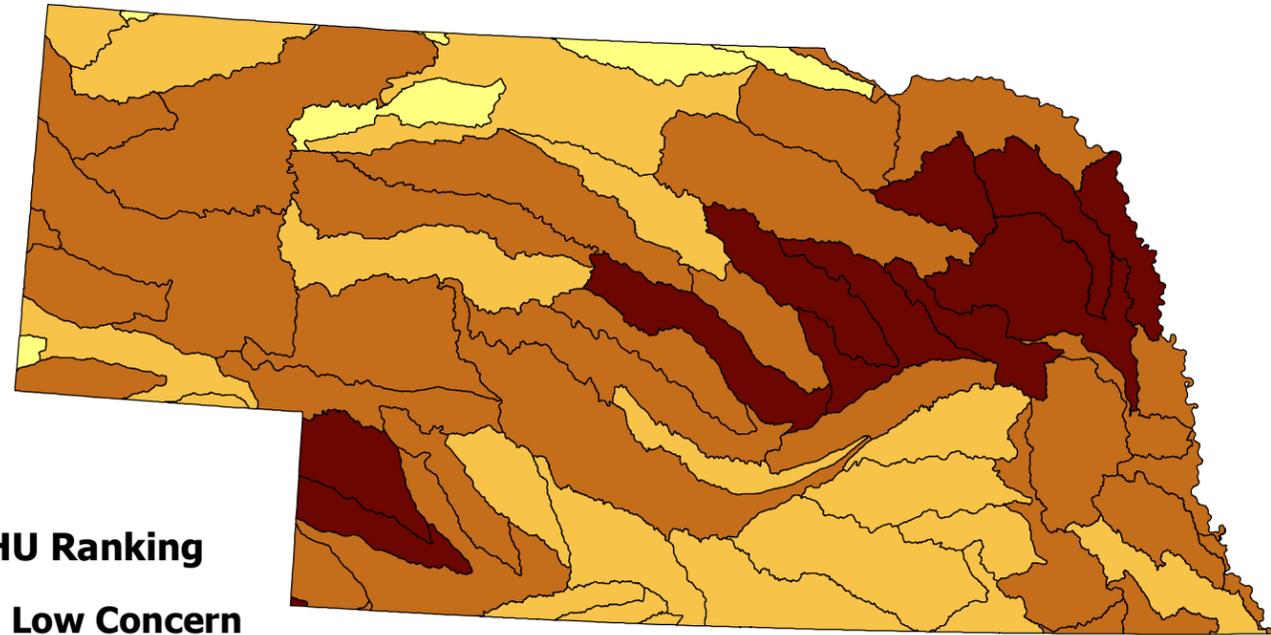
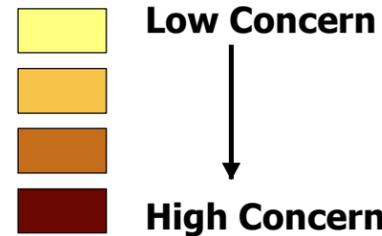


# Soil Quality Map - NERA Final Analysis

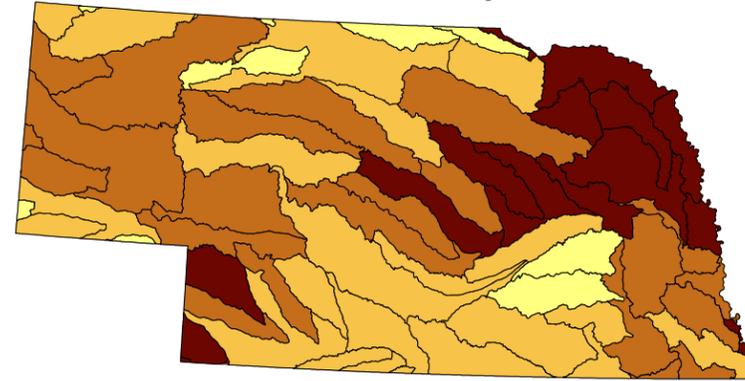
# Input Data Layers: Soil Erosion, Soil Health



## Final HU Ranking

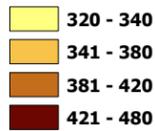


## Soil Erosion - Final Analysis



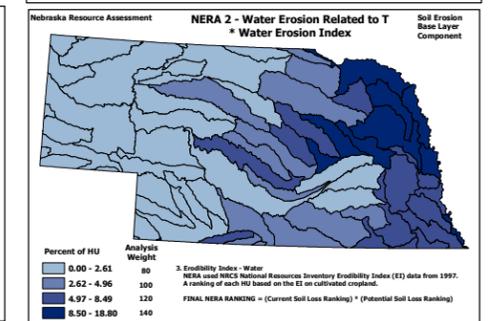
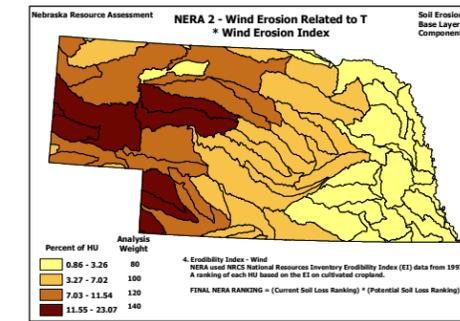
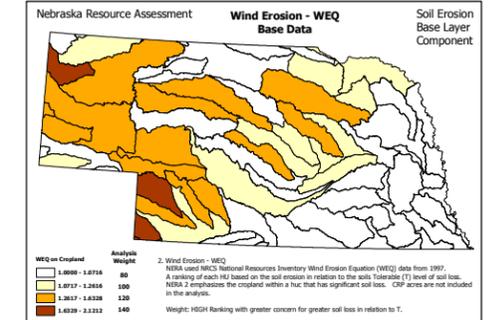
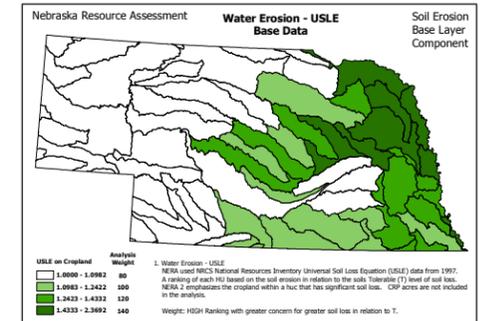
- Input Layers**
1. Water Erosion - USLE
  2. Wind Erosion - WEQ
  3. Erodibility Index - Water
  4. Erodibility Index - Wind

### Final HU Ranking

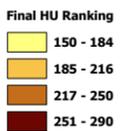
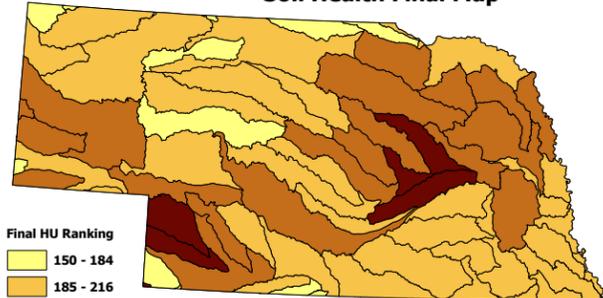


Soil Erosion analysis incorporates the Input Layers shown to the left. Each layer was weighted and summed to create the final HU ranking as shown in this map.

This map will then be incorporated into the Soil Health Analysis Map.

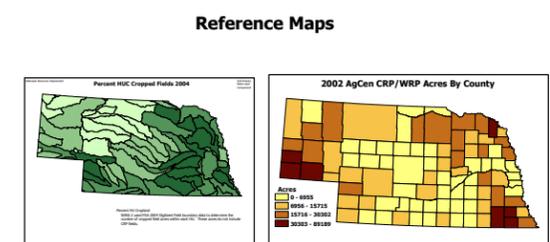
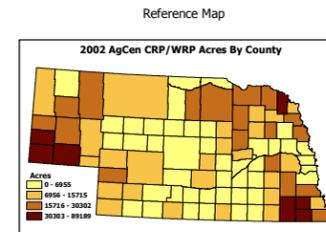
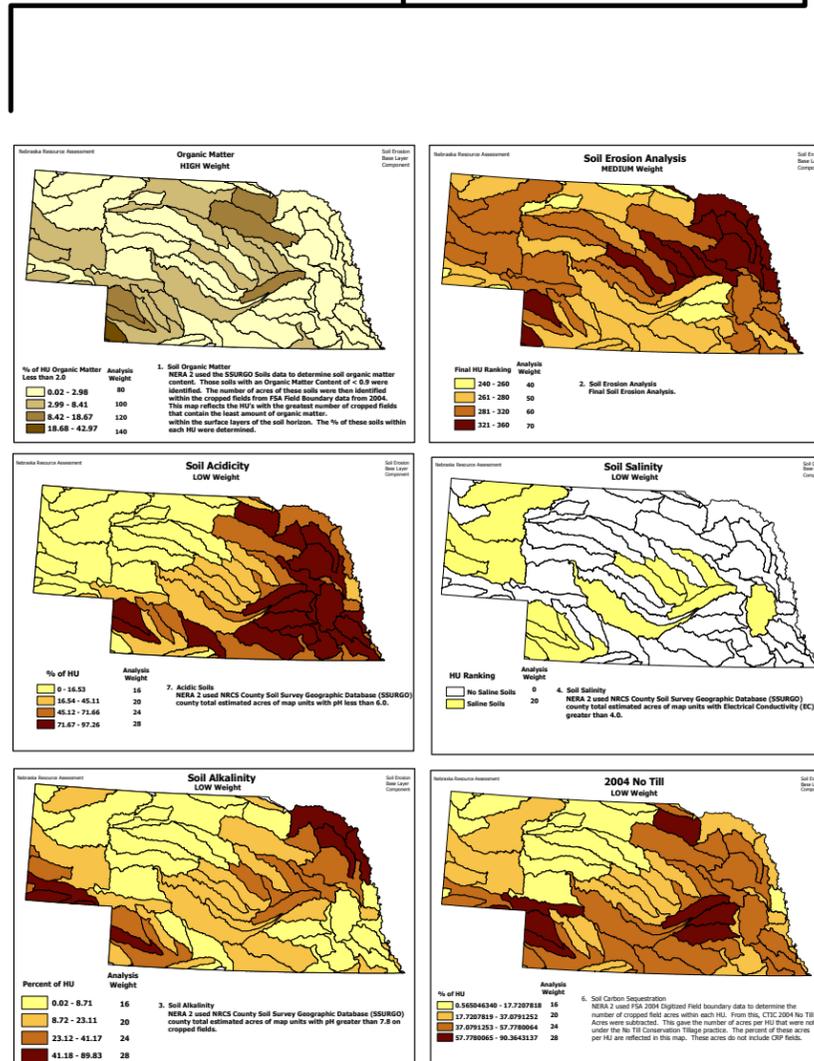


## Soil Health Final Map



### Input Layers

Organic Matter, Soil Erosion, Soil Salinity, No Till, Acidic Soils, Alkaline Soils



The final soil quality map incorporates soil erosion and soil health to determine the final rankings per HU for overall soil quality.

The four categories within soil erosion and soil health were given points from 1 - 4, with 4 being given to the top category. These points were then summed to create the final soil quality map as reflected.

Map is not appropriate for localized interpretation. This map is to be used for area to area (hydro unit to hydro unit) comparisons only.