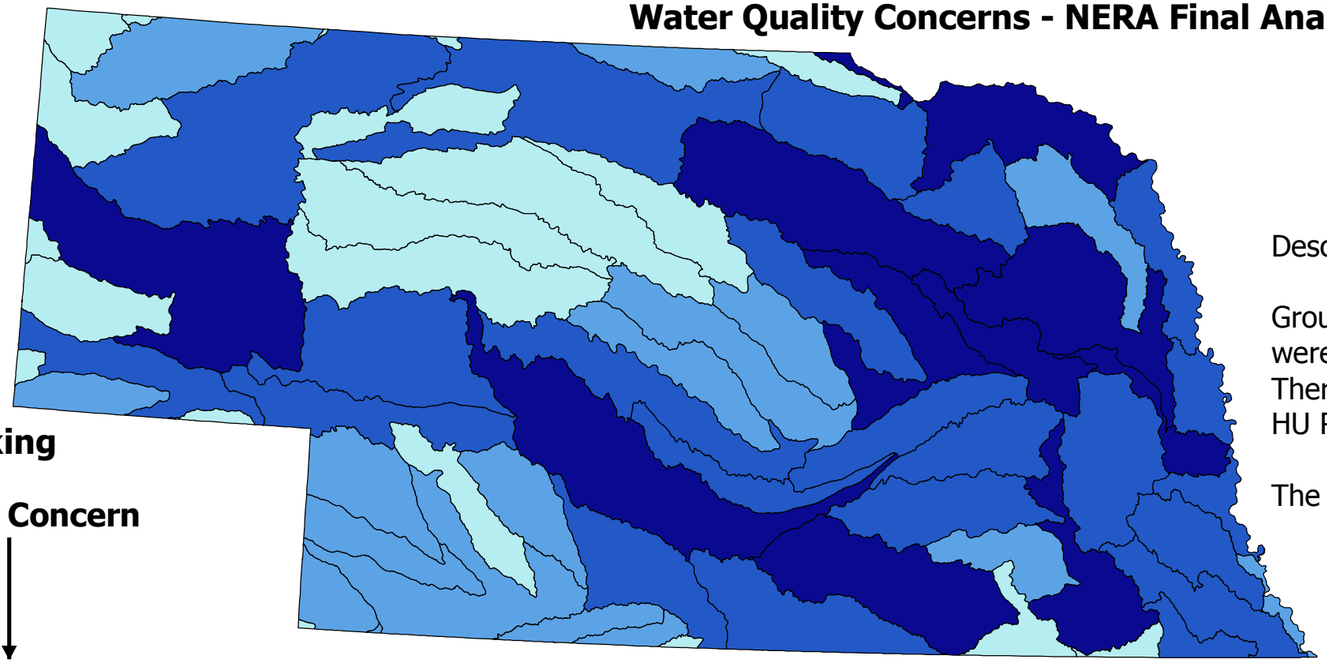
Water Quality Concerns - NERA Final Analysis



Final HU Ranking

- Low Concern
- ↓
- High Concern

Description of Interpretation:

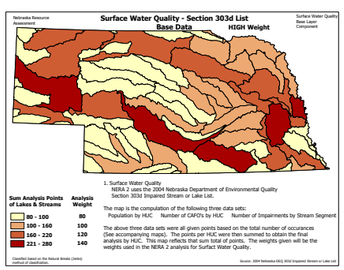
Ground Water Quality & Surface Water Quality final HU Rankings were ranked 1 - 4 from lowest point category to highest point category. There points were then combined to create this overall Water Quality HU Ranking map.

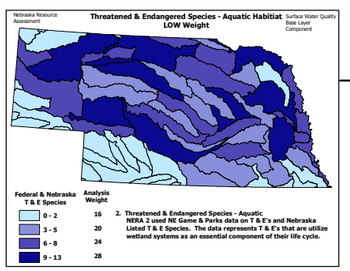
The higher the point totals, the greater the concern for Water Quality.

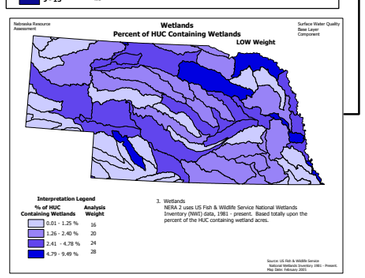
Map is not appropriate for localized interpretation. This map is to be used for area to area (hydro unit to hydro unit) comparisons only.

NRCS USDA NRCS Nebraska

Map Date: June 2005

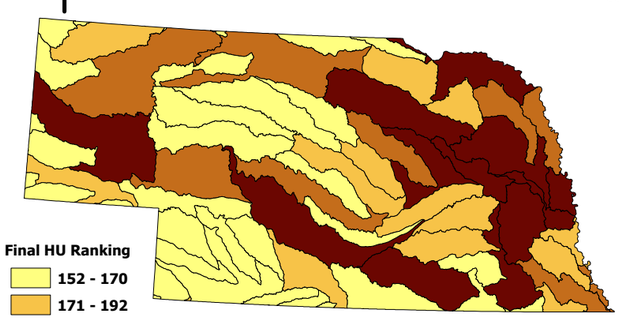






Water Quality Analysis - Surface Water

Surface Water Quality Base Layer Component



Final HU Ranking

- 152 - 170
- 171 - 192
- 193 - 214
- 215 - 258

Surface Water Quality is based on five data analysis layers. The summed weight from these five layers is reflected within this map. The greater the number, the greater the concern for Surface Water Quality

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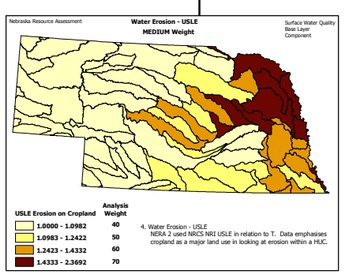
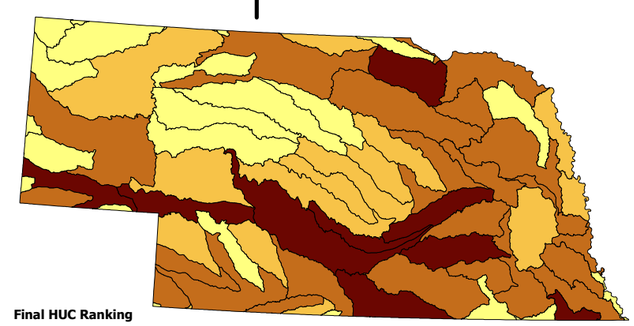


Ground Water Quality Analysis



Final HUC Ranking

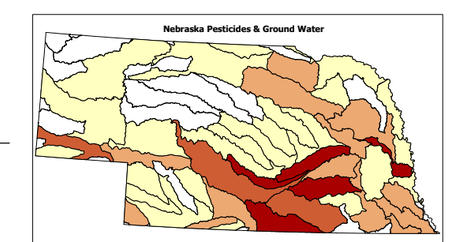
- 80 - 120
- 121 - 180
- 181 - 220
- 221 - 280

Ground Water Pesticide and Nitrate levels are combined to create the final map analysis for Ground Water Quality. Two reference maps are shown here to provide additional information on ground water factors.

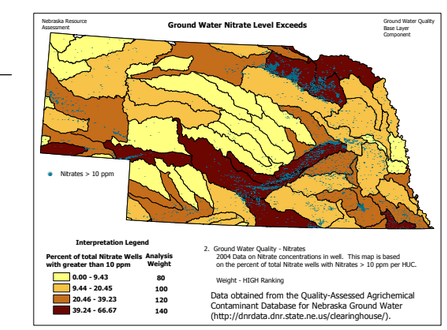
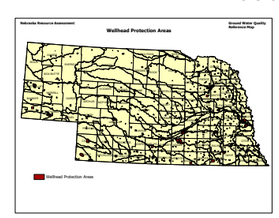
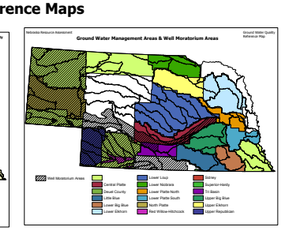
Map is not appropriate for localized interpretation. This map is to be used for area to area (hydro unit to hydro unit) comparisons only.

Input Analysis Data

1. Ground Water - Pesticides, 2. Ground Water - Nitrates



This is a combination of a "percent of wells having a pesticide detection" map and a "percent of detections exceeding a health standard" map. HUC rankings for these two maps were summed and categorized into this final map. Data obtained from the Quality-Assessed Agrichemical Contaminant Database for Nebraska Ground Water (http://dnrdata.dnr.state.ne.us/clearinghouse/).



Reference Maps