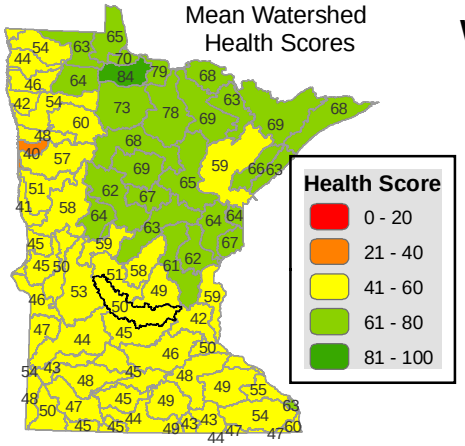
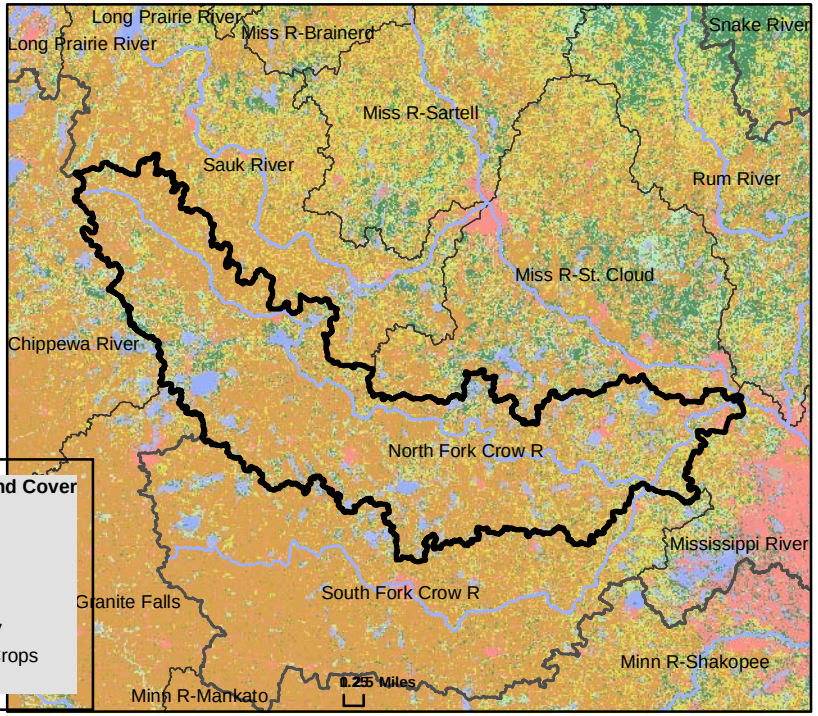
North Fork Crow R

WATERSHED HEALTH ASSESSMENT SCORES



Mean (average) Health Score 50
Minimum Health Index Score 7
Minimum Health Index: Biology - Habitat Quality

Watershed Assessment Tool
http://www.dnr.state.mn.us/watershed_tool



Watershed Health Scores compare and rank various aspects of ecological health across Minnesota. Index values are based on a variety of data sources, calculations and scientific approaches. Each index is scored on a scale from 0 to 100, with 0 being the least desirable result or condtion to 100 being the best existing condition or most desirable result. Major watershed scale rankings may mask the range of conditions that occur at more local scales. A high score may indicate the least impacted condition in Minnesota, not necessarily a healthy condition.

COMPONENT SCORES

HYDROLOGY

Mean (Ave.)	65
Minimum Index	33

INDEX SCORES

Perennial Cover	33
Impervious Cover	78*
Withdrawal	93*
Storage	52
Flow Variability	69

Metric Sub-Scores
Storage:

Stream/Ditch Ratio	43
Surface storage	62

GEOMORPHOLOGY

Mean (Ave.)	69
Minimum Index	47

INDEX SCORES

Soil Erosion Susceptibility	72
Groundwater Susceptibility	47
Climate Vulnerability	89

BIOLOGY

Mean (Ave.)	36
Minimum Index	7

INDEX SCORES

Terrestrial Habitat Quality	7
Stream Species	59
Species Richness	49
At-Risk Species Richness	28

CONNECTIVITY

Mean (Ave.)	30
Minimum Index	10

INDEX SCORES

Terrestrial Habitat Connectivity	10
Aquatic Connectivity	14
Riparian Connectivity	64

Metric Sub-Scores
Aquatic Connectivity:

Bridges/Culverts	17
Dams	11

WATER QUALITY

Mean (Ave.)	52
Minimum Index	30

INDEX SCORES

Non-Point Source	30
Point Source	85*
Assessments	42

Metric Sub-Scores
Non-Point Source:

Nutrient Application	51
Riparian Impervious	9

*These index values are influenced by very low scores associated with dense urban use of resources. This gives comparatively high scores for outstate Minnesota. Viewing input data is necessary to evaluate possible watershed scale concerns.

November, 2011