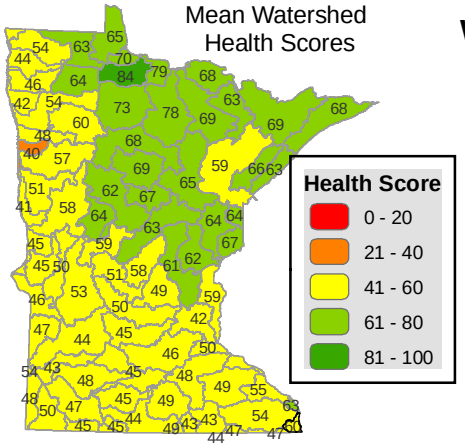
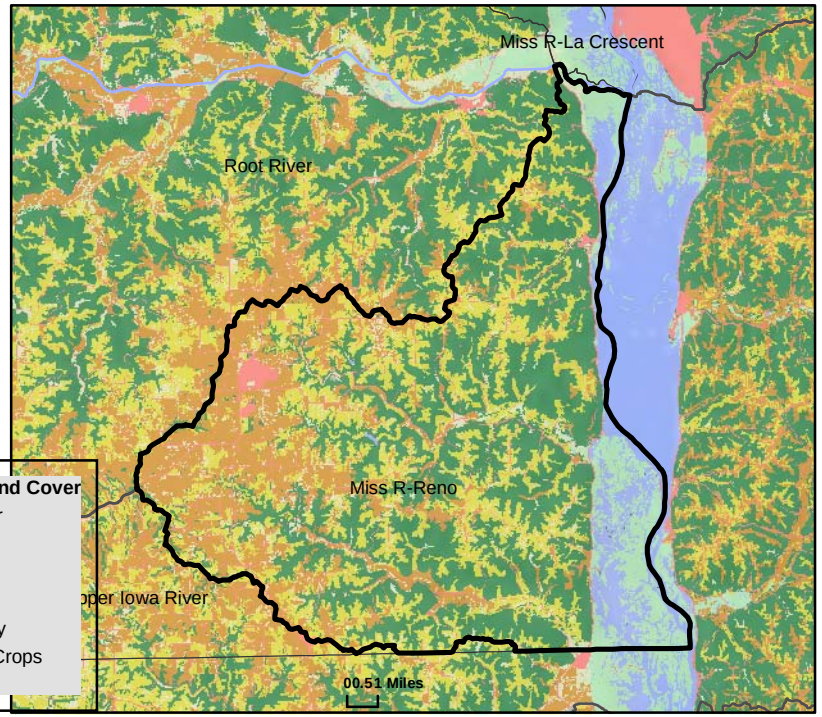
Miss R-Reno

WATERSHED HEALTH ASSESSMENT SCORES



Mean (average) Health Score	60
Minimum Health Index Score	11
Minimum Health Index:	Connectivity - Aquatic

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.)	89
Minimum Index	72

INDEX SCORES

Perennial Cover	72
Impervious Cover	100*
Withdrawal	100*
Storage	99
Flow Variability	74

Metric Sub-Scores
Storage:

Stream/Ditch Ratio	100
Surface storage	97

GEOMORPHOLOGY

Mean (Ave.)	37
Minimum Index	12

INDEX SCORES

Soil Erosion Susceptibility	38
Groundwater Susceptibility	12
Climate Vulnerability	60

BIOLOGY

Mean (Ave.)	53
Minimum Index	41

INDEX SCORES

Terrestrial Habitat Quality	41
Stream Species	72
Species Richness	53
At-Risk Species Richness	46

CONNECTIVITY

Mean (Ave.)	51
Minimum Index	11

INDEX SCORES

Terrestrial Habitat Connectivity	51
Aquatic Connectivity	11
Riparian Connectivity	92

Metric Sub-Scores
Aquatic Connectivity:

Bridges/Culverts	16
Dams	5

WATER QUALITY

Mean (Ave.)	69
Minimum Index	41

INDEX SCORES

Non-Point Source	81
Point Source	86 *
Assessments	41

Metric Sub-Scores
Non-Point Source:

Nutrient Application	93
Riparian Impervious	69

*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