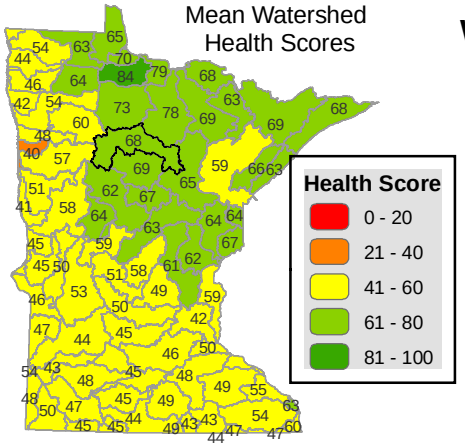
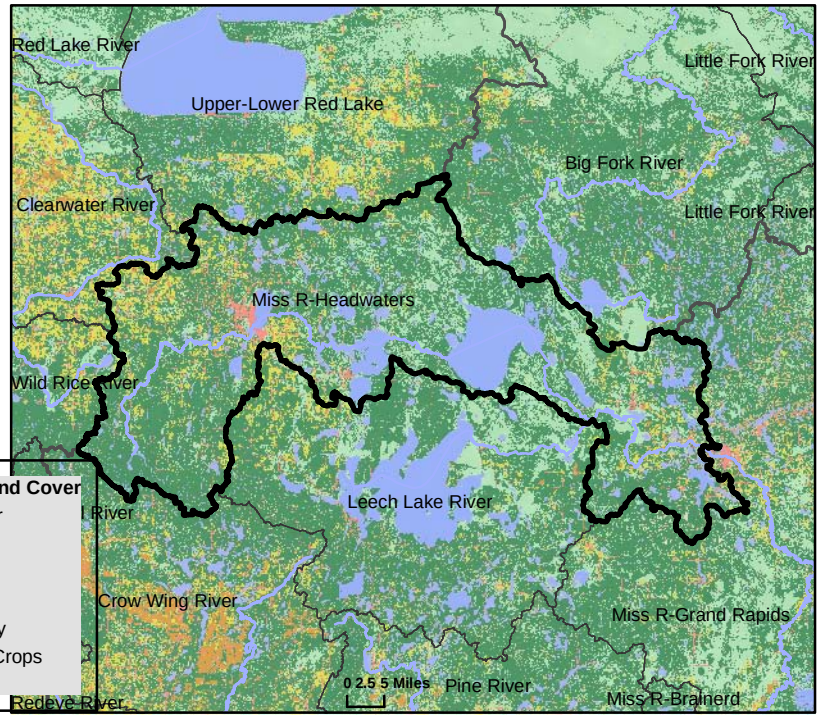
Miss R-Headwaters

WATERSHED HEALTH ASSESSMENT SCORES



Mean (average) Health Score 68
Minimum Health Index Score 20
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.)	91
Minimum Index	76

INDEX SCORES

Perennial Cover	93
Impervious Cover	96*
Withdrawal	99*
Storage	91
Flow Variability	76

Metric Sub-Scores
Storage:

Stream/Ditch Ratio	85
Surface storage	98

GEOMORPHOLOGY

Mean (Ave.)	66
Minimum Index	37

INDEX SCORES

Soil Erosion Susceptibility	76
Groundwater Susceptibility	37
Climate Vulnerability	84

BIOLOGY

Mean (Ave.)	42
Minimum Index	25

INDEX SCORES

Terrestrial Habitat Quality	25
Stream Species	56
Species Richness	50
At-Risk Species Richness	37

CONNECTIVITY

Mean (Ave.)	50
Minimum Index	20

INDEX SCORES

Terrestrial Habitat Connectivity	33
Aquatic Connectivity	20
Riparian Connectivity	96

Metric Sub-Scores
Aquatic Connectivity:

Bridges/Culverts	21
Dams	19

WATER QUALITY

Mean (Ave.)	89
Minimum Index	83

INDEX SCORES

Non-Point Source	88
Point Source	97*
Assessments	83

Metric Sub-Scores
Non-Point Source:

Nutrient Application	99
Riparian Impervious	77

*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