Miss R-La Crescent WATERSHED HEALTH ASSESSMENT SCORES

Mean (average) Health Score 63
Minimum Health Index Score 11
Minimum Health Index: Connectivity - Aquatic

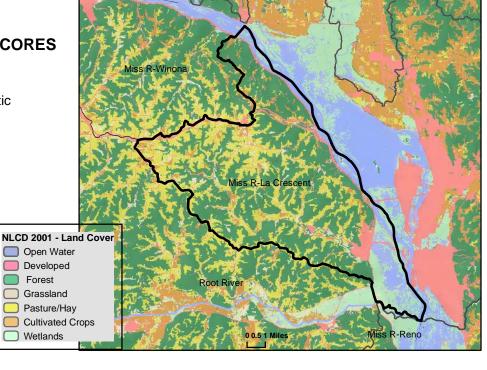
Watershed Assessment Tool

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 condition 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 Watershed

Health Scores

Health Score

0 - 20

Mean (Ave.) 86 Minimum Index 71

INDEX SCORES

Perennial Cover 85
Impervious Cover 71 *
Withdrawal 100 *
Storage 98
Flow Variability 74

Metric Sub-Scores Storage:

Stream/Ditch Ratio 100 Surface storage 96



GEOMORPHOLOGY

Mean (Ave.) 42 Minimum Index 15

INDEX SCORES

Soil Erosion
Susceptibility

Groundwater
Susceptibility

Climate
Vulnerability

38

74

BIOLOGY

Mean (Ave.) 60 Minimum Index 57

INDEX SCORES

Terrestrial Habitat
Quality

Stream Species

Species Richness

At-Risk Species

Richness

59

62

57

CONNECTIVITY

Mean (Ave.) 56 Minimum Index 11

INDEX SCORES

Terrestrial Habitat
Connectivity

Aquatic Connectivity

Riparian
Connectivity

86

Metric Sub-Scores Aquatic Connectivity:

Bridges/Culverts 14
Dams 8

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WATER QUALITY

Mean (Ave.) 69 Minimum Index 58

INDEX SCORES

Non-Point Source 58
Point Source 88 *

Assessments 62

Metric Sub-Scores

Non-Point Source:

Nutrient Application 98 Riparian Impervious 17

^{*}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.