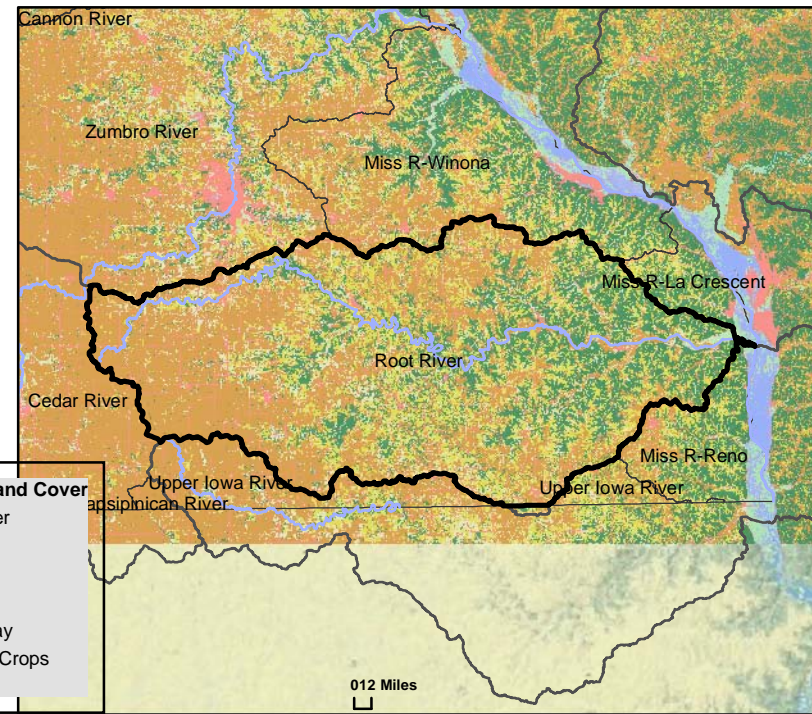
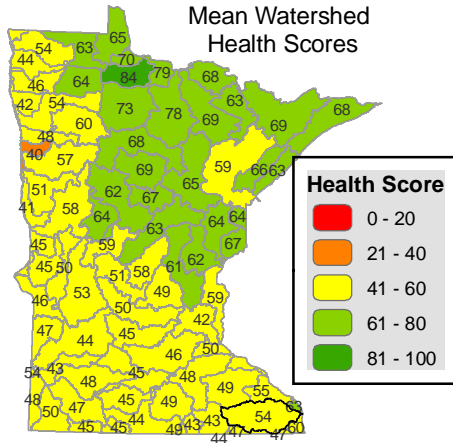


# Root River

## WATERSHED HEALTH ASSESSMENT SCORES

**Mean (average) Health Score** 54  
**Minimum Health Index Score** 8  
**Minimum Health Index:** Connectivity - Aquatic

**Watershed Assessment Tool**  
[http://www.dnr.state.mn.us/watershed\\_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	GEOMORPHOLOGY	BIOLOGY	CONNECTIVITY	WATER QUALITY
Mean (Ave.) 79 Minimum Index 53	Mean (Ave.) 40 Minimum Index 18	Mean (Ave.) 45 Minimum Index 21	Mean (Ave.) 38 Minimum Index 8	Mean (Ave.) 70 Minimum Index 63
<b>INDEX SCORES</b> Perennial Cover 53 Impervious Cover 97 * Withdrawal 97 * Storage 73 Flow Variability 74  <b>Metric Sub-Scores</b> Storage: Stream/Ditch Ratio 96 Surface storage 49	<b>INDEX SCORES</b> Soil Erosion Susceptibility 48 Groundwater Susceptibility 18 Climate Vulnerability 53	<b>INDEX SCORES</b> Terrestrial Habitat Quality 21 Stream Species 67 Species Richness 49 At-Risk Species Richness 42	<b>INDEX SCORES</b> Terrestrial Habitat Connectivity 30 Aquatic Connectivity 8 Riparian Connectivity 77  <b>Metric Sub-Scores</b> Aquatic Connectivity: Bridges/Culverts 8 Dams 8	<b>INDEX SCORES</b> Non-Point Source 63 Point Source Assessments 81 * Assessments 68  <b>Metric Sub-Scores</b> Non-Point Source: Nutrient Application 71 Riparian Impervious 54

\*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.