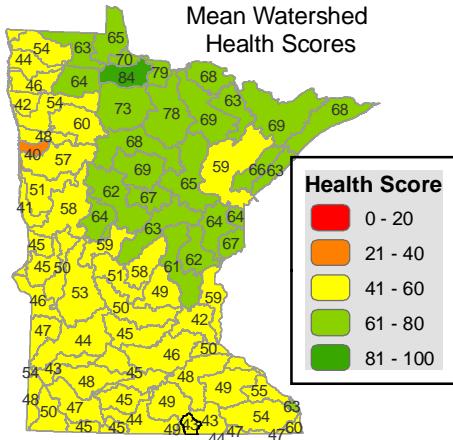


Shell Rock River

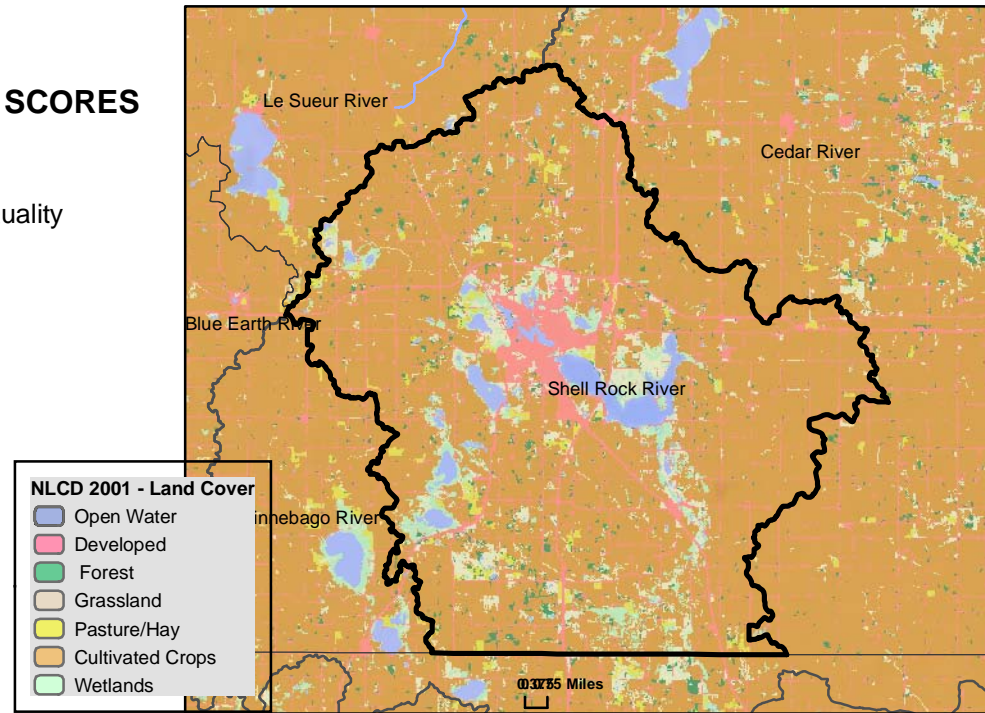
WATERSHED HEALTH ASSESSMENT SCORES

Mean (average) Health Score 43
Minimum Health Index Score 3
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 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.) 56 Minimum Index 14	Mean (Ave.) 68 Minimum Index 51	Mean (Ave.) 33 Minimum Index 3	Mean (Ave.) 18 Minimum Index 4	Mean (Ave.) 39 Minimum Index 10
INDEX SCORES Perennial Cover 16 Impervious Cover 78* Withdrawal 99* Storage 14 Flow Variability 71 Metric Sub-Scores Storage: Stream/Ditch Ratio 0 Surface storage 28	INDEX SCORES Soil Erosion Susceptibility 72 Groundwater Susceptibility 51 Climate Vulnerability 81	INDEX SCORES Terrestrial Habitat Quality 3 Stream Species 65 Species Richness 51 At-Risk Species Richness 15	INDEX SCORES Terrestrial Habitat Connectivity 4 Aquatic Connectivity 6 Riparian Connectivity 45 Metric Sub-Scores Aquatic Connectivity: Bridges/Culverts 3 Dams 8	INDEX SCORES Non-Point Source 21 Point Source 86* Assessments 10 Metric Sub-Scores Non-Point Source: Nutrient Application 41 Riparian Impervious 0

*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.