

Broadwater Bay 11-0201-01

Lake Information

MN Lake ID: 11-0201-01
County: Cass
Ecoregion: NLF
Major Drainage Basin: UM
Latitude/Longitude: /
Years Monitored: 2008 - 2022
Monitored Sites: 102

[View MPCA CLMP Historical Secchi Data](#)
[MPCA Assessment Report](#)
[Search County Monthly Precipitation Data](#)

Physical Characteristics

Surface area (acres): 714
Littoral area (acres):
% Littoral area:
Max depth (ft): 47
Max depth (m):
Mean depth (ft): N/A
Watershed size (acres): N/A
Aquatic Invasive Species:

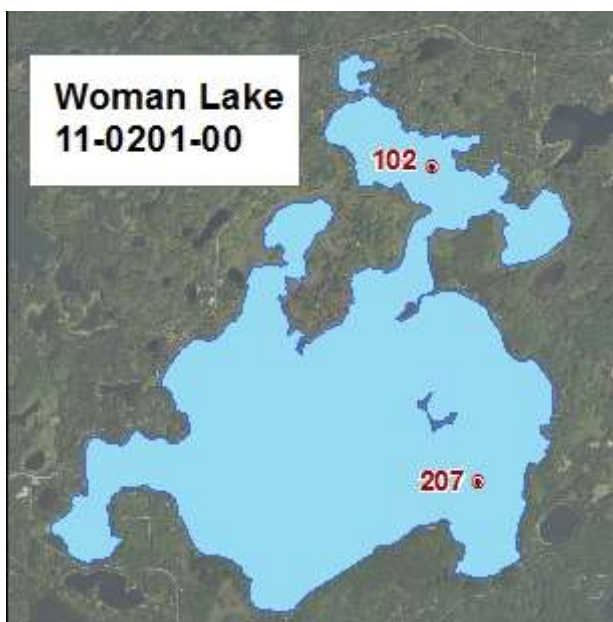
[View MN DNR Fisheries Report](#)
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Water Quality Characteristics

(data from RMB monitoring database only)

Parameters	Primary Site 102
Total Phosphorus Mean:	14.2
Total Phosphorus Min:	8
Total Phosphorus Max:	22
Number of Observations:	69
Chlorophyll-a Mean:	4.8
Chlorophyll-a Min:	1
Chlorophyll-a Max:	12.5
Number of Observations:	69
Secchi Depth Mean:	12.8
Secchi Depth Min:	7.5
Secchi Depth Max:	19
Number of Observations:	66
Trophic State Index Mean:	42.4

Trophic State: Mesotrophic



Trends

(Primary site only. For detecting trends, a minimum of 8-10 years of consecutive data with 4 or more readings per season are recommended)
Trend analysis does not take into consideration aquatic invasive species.
Species like zebra mussels can alter water chemistry over time.

Years Monitored: 2008 - 2022
Total Phosphorus: No significant trend exists.
Chlorophyll-a: No significant trend exists.
Secchi Depth: No significant trend exists.
Trophic State Index: No significant trend exists.

Ecoregion Comparisons

(Primary site only. Comparisons are based on interquartile range, 25th-75th percentile, for ecoregion reference lakes)

Ecoregion: NLF
Total phosphorus: Within Expected Range
Chlorophyll-a: Within Expected Range
Secchi depth: Within Expected Range