

Woman 11-0201-02

Lake Information

MN Lake ID: 11-0201-02
County: Cass
Ecoregion: NLF
Major Drainage Basin: UM
Latitude/Longitude: 46.94864369 / -94.28222869
Years Monitored: 2008 - 2022
Monitored Sites: 201,207

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

Physical Characteristics

Surface area (acres): 4701
Littoral area (acres): 1927
% Littoral area:
Max depth (ft): 60
Max depth (m):
Mean depth (ft): 18
Watershed size (acres): N/A
Aquatic Invasive Species:

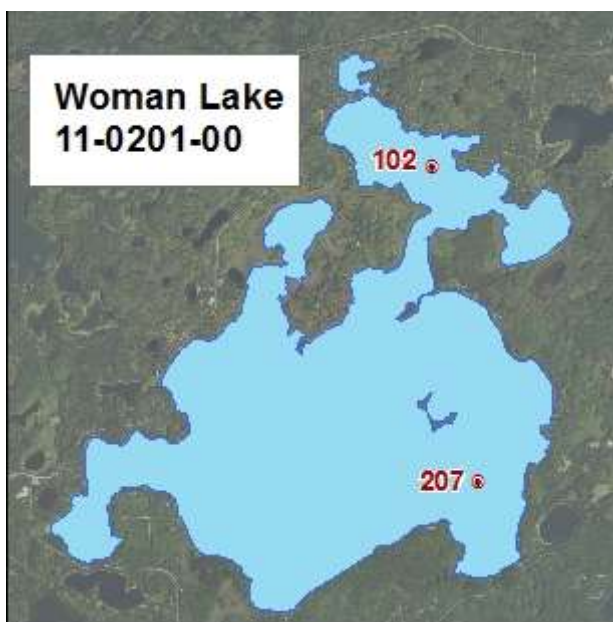
[View MN DNR Fisheries Report](#)
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Water Quality Characteristics

(data from RMB monitoring database only)

Parameters	Primary Site 207	Site 201
Total Phosphorus Mean:	14.5	14.4
Total Phosphorus Min:	6	14.4
Total Phosphorus Max:	26	14.4
Number of Observations:	72	1
Chlorophyll-a Mean:	5.8	6.2
Chlorophyll-a Min:	1	6.2
Chlorophyll-a Max:	76	6.2
Number of Observations:	72	1
Secchi Depth Mean:	12.7	12
Secchi Depth Min:	5	12
Secchi Depth Max:	25	12
Number of Observations:	72	1
Trophic State Index Mean:	42.5	43

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: Declining with 99% confidence.
Secchi Depth: Declining with 80% confidence.
Trophic State Index: Declining with 95% confidence.

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