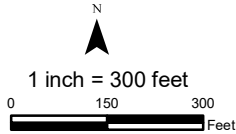


# PERCH LAKE AQUATIC VEGETATION BIOVOLUME MAP

MONTCALM COUNTY, MICHIGAN  
T.10N, R.8W

## LEGEND

—5— Contours



## PERCENT BIOVOLUME

0%	50% to 55%
0% to 5%	55% to 60%
5% to 10%	60% to 65%
10% to 15%	65% to 70%
15% to 20%	70% to 75%
20% to 25%	75% to 80%
25% to 30%	80% to 85%
30% to 35%	85% to 90%
35% to 40%	90% to 95%
40% to 45%	95% to 100%
45% to 50%	>100%

Note: Biovolume is a measure of the height of plants in the water column. A biovolume measurement of 50% indicates plants occupy one-half of the water column. Hydro-acoustic measurements conducted in September of 2019. Hydro-acoustic data processed by Navico.

Lake shoreline digitized from aerial orthorectified photography (Source: Vivid 2018).

October 2019

progressive ae

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## PHYSICAL CHARACTERISTICS

Lake Surface Area	56 Acres
Maximum Depth	12 Feet
Mean Depth	5.7 Feet
Lake Volume	312 Acre-Feet
Shoreline Length	1.7 Miles
Shoreline Development Factor	1.6