



**HODUNK - MESSENGER LAKE CHAIN  
PHYSICAL CHARACTERISTICS**

Surface Area	1,184 Acres
Maximum Depth	44 Feet
Mean Depth	15 Feet
Volume	17,837 Acre-Feet
Shoreline Length	32.2 Miles
Shoreline Development Factor	6.7

**HODUNK-MESSENGER LAKE CHAIN  
AQUATIC VEGETATION  
BIOVOLUME MAP**

BRANCH COUNTY, MICHIGAN  
T.5-6S, R.6W

**LEGEND**  
—5— Contours in feet

1 inch = 2,000 feet  
0 1,100 2,200 Feet

**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: Hydro-acoustic survey conducted Sept. 25 & 26, 2017. 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 data processed by Navico. Lake shoreline digitized from aerial orthorectified photography (Source: USDA-FSA 2016). Lake level at the time of survey 924.0 feet above mean sea level.

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