

LAKE MAPPING

Bio-volume is a measure of the height of plants in the water column. A bio-volume measurement of 50% indicates plants occupy one-half of the water column. The vegetation bio-volume map confirms that the majority of the Lake Lansing bottomlands are inhabitable by aquatic plants. The new depth and vegetation maps will be used to improve accuracy and efficiency of aquatic vegetation surveys.

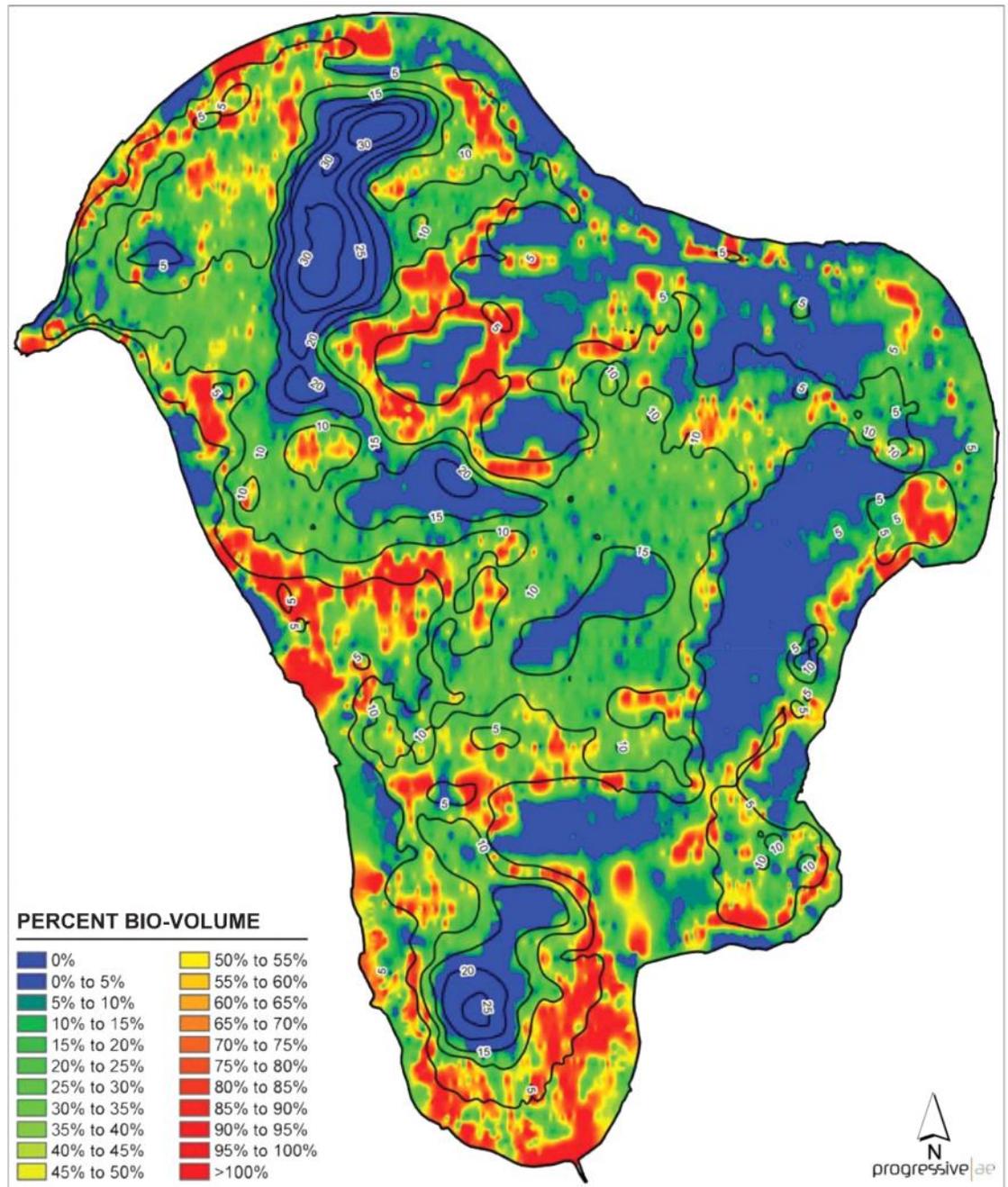


Figure 17. Lake Lansing aquatic vegetation bio-volume map. Hydro-acoustic depth data collected in September of 2015. Hydro-acoustic data processed by Navico, Inc. Lake shoreline digitized from aerial orthorectified photography (Source: USDA FSA 2014).