Richards, 2013). The average water-surface elevation of the lake during the 2018 survey was

\text{average surface elevation} = \frac{\text{total volume}}{\text{surface area}}

Hypack/Hysweep software. 

Back-Noise Check

The bathymetric data were collected along transect lines oriented longitudinally in the

\text{survey vessel}

and 2018 bathymetric survey data points where they were coincident. The data points between

\text{survey lines are at least 29 ft apart}

Bathymetric Change Map Creation

The bathymetric change map is generated by comparing the survey data collected in 2003 to

\text{the change in water depth}

\text{data collected in 2018}

Bathymetric Change Map Quality Assurance

The bathymetric change map was generated by comparing the survey data collected in 2003 to

\text{the change in water depth}

\text{data collected in 2018}

Bathymetric Change Map Accuracy

The bathymetric change map was generated by comparing the survey data collected in 2003 to

\text{the change in water depth}

\text{data collected in 2018}

Bathymetric Contour Map, Surface Area and Capacity Table, and Bathymetric Change Map for Sugar Creek Lake near Moberly, Missouri, 2018

By

Joseph M. Richards, Richard J. Huizinga, and Jarrett T. Ellis

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