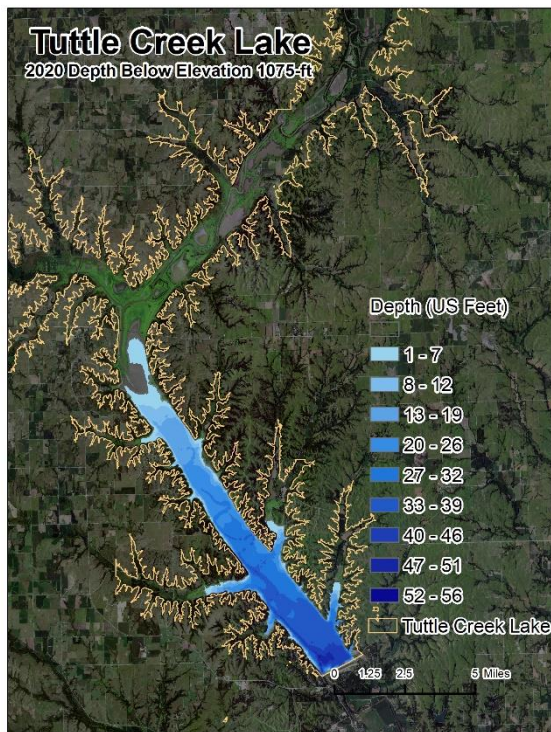


## Bathymetry and Storage Evaluation Program

Reservoir sedimentation is a major driver in the state's ability to meet future water supply demands, with many Kansas public water supply reservoirs having three or less surveys over their 40-70 years of operation for the establishment of long-term sedimentation rates. Additional reservoir data will help to reduce uncertainty related to historical sedimentation rates, refine water supply projections and planning for the future, and will be beneficial to identifying the impacts of in-basin practices on sedimentation rates.



### Activities to Date

In coordination with the Kansas River Flood and Sediment Study (KRFSS), surveying has taken place at several major federal reservoirs within the Kansas River basin. In Fall 2019 Clinton Lake was surveyed and data processing was completed in 2020. Tuttle Creek Lake and Milford Lake were both surveyed in 2020, with data processing completed for Tuttle Creek Lake in winter 2020.

Surveying was suspended over the winter due to cold weather conditions. Perry and Hillsdale reservoirs are proposed to be surveyed in 2021. Dependent on Covid-19 state travel restrictions, Cheney Lake will be completed in 2021 or 2022.

