



150	.0	15.1	77.0
758	.0	15.2	126
760.	.0	17.5	158
762.	.0	19.1	195
764	.0	20.8	235
766.	.0	22.4	278
768.	.0	23.9	324
770.	.0	25.1	373
772.	.0	26.9	425
773.	.9	28.8	478
774	.0	28.9	481
776	.0	30.5	540
778.	.0	32.2	603
779.	.6	33.6	656

¹Elevations are referenced to the North American Vertical Datum of 1988 using the geoid model GEOID18.

²Capacities were calculated from surface testing at 0.28-foot vertical accuracy at a 95-percent confidence level. An explanation of the vertical accuracy calculation can be found in the "Bathymetric Surface, Contour Map, and Bathymetric Change Quality Assurance" section of the report of which this plate is a part.



- Spillway elevation—Shows approximate emergency spillway elevation (779.6 feet, refer to table 1). Datum is North American Vertical Datum of 1988 using the geoid model GEOID18
- 770 **Bathymetric contour**—Shows elevation of the lake bottom. Index contour interval 10 feet. Intermediate contour (gray) interval 2 feet. Datum is North American Vertical Datum of 1988 using the geoid model GEOID18
- RM1 **Reference mark and identifier**—Shows location of survey control used in the survey. RM1 is the chiseled X on the east end of the concrete lip of the emergency spillway. Elevation 779.56 feet. Datum is North American Vertical Datum of 1988 using the geoid model GEOID18



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Bathymetric Contour Map and Surface Area and Capacity Table for Old Lake (Bowling Green West; lake 31) near Bowling Green, Missouri, 2021

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