

U.S. Department of the Interior U.S. Geological Survey

Prepared in cooperation with the Missouri Department of Natural Resources Scientific Investigations Report 2023–5046 Plate 5 of 9



Table 1. Surface area and capacity at specified watersurface elevations for Number 41 Lake (Milan Golf Course Lake) near Milan, Missouri, July 6, 2020.

[Primary spillway elevation is about 865.8 feet; the mean watersurface elevation during the survey was about 865.7 feet (row shaded in the table)]

Water-surface elevation, ¹ in feet	Surface area, in acres	Capacity,² in acre-feet
842.0	0.94	0.14
844.0	4.94	5.87
846.0	8.40	19.2
848.0	11.8	39.5
850.0	16.0	67.0
852.0	20.0	103
854.0	23.6	147
856.0	27.9	198
858.0	33.0	259
860.0	37.4	329
862.0	41.1	408
864.0	44.3	493
865.7	48.3	572
865.8	48.5	577

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

²Capacities were calculated from surface testing at 0.08-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.



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| 100 250 METERS

40°11'40"

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