

Figure 53. Location of Maryville Reservoir near Maryville, Missouri.

**Table 16.** Surface area and capacity at specified water-surface elevations for Maryville Reservoir near Maryville, Missouri, June 25, 2020.

[Primary spillway elevation is about 1,061.2 feet and the emergency spillway elevation is about 1,067.4 feet; the average water-surface elevation during the survey was about 1,061.2 feet (row shaded in the table)]

Water-surface elevation, <sup>a</sup> in feet	Surface area, in acres	Capacity, <sup>b</sup> in acre-feet
1,036.0	0.20	0.10
1,038.0	0.50	0.80
1,040.0	1.30	2.40
1,042.0	2.00	5.70
1,044.0	2.60	10.2
1,046.0	3.50	16.5
1,048.0	4.30	24.3
1,050.0	5.30	33.9
1,052.0	6.30	45.6
1,054.0	7.30	59.1
1,056.0	8.20	74.7
1,058.0	9.10	92.0
1,060.0	10.2	111
1,061.2	11.2	124
1,062.0	11.7	133
1,064.0	13.0	158
1,066.0	14.4	185
1,067.4	15.5	206

<sup>a</sup>Elevations are referenced to the North American Vertical Datum of 1988 using the geoid model GEOID18.

<sup>b</sup>Capacities were calculated from surface testing at 0.16-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 sheet is a part.

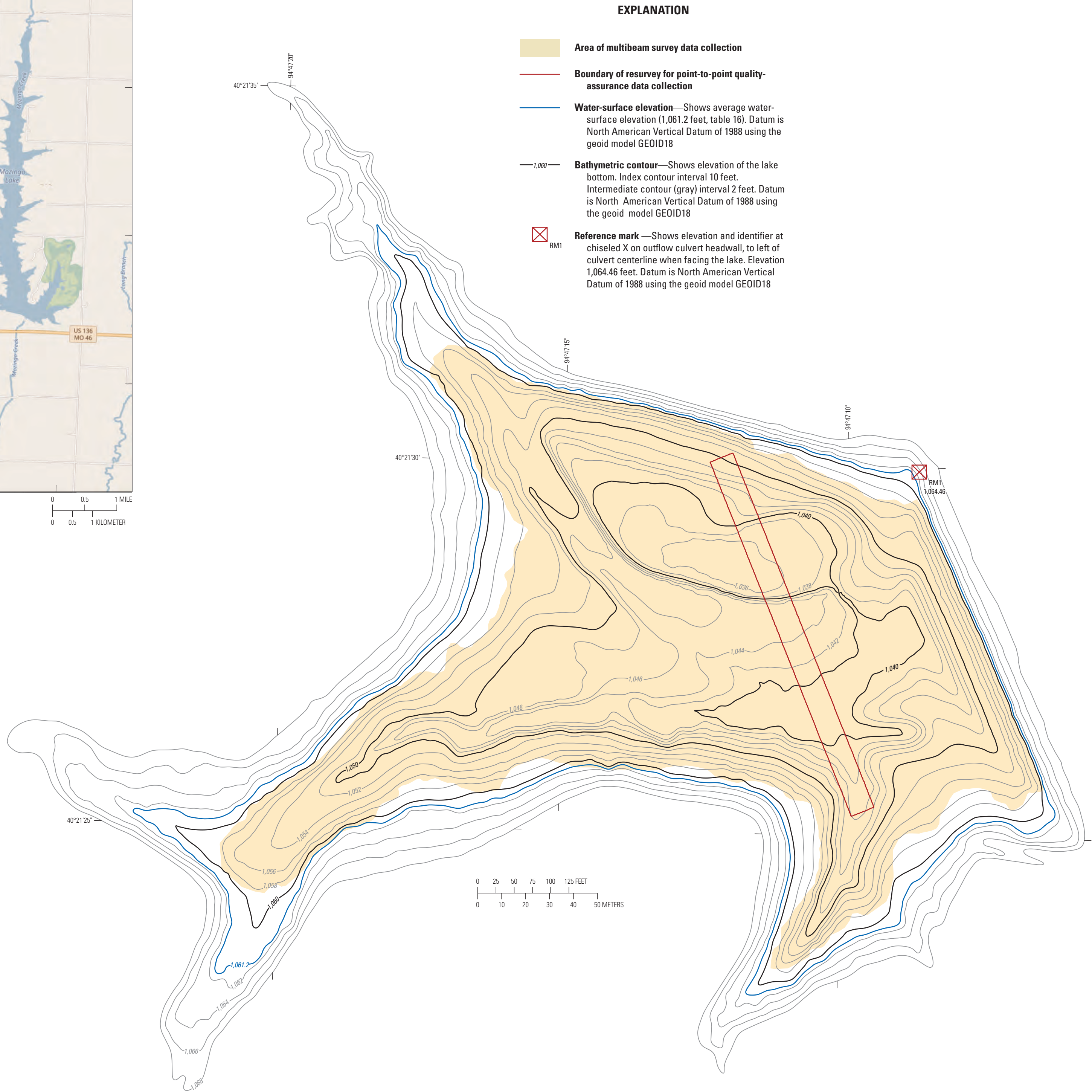


Figure 54. Bathymetric contours for Maryville Reservoir (lake 12; fig. 1; table 1) near Maryville, Missouri, resulting from a survey on June 25, 2020.

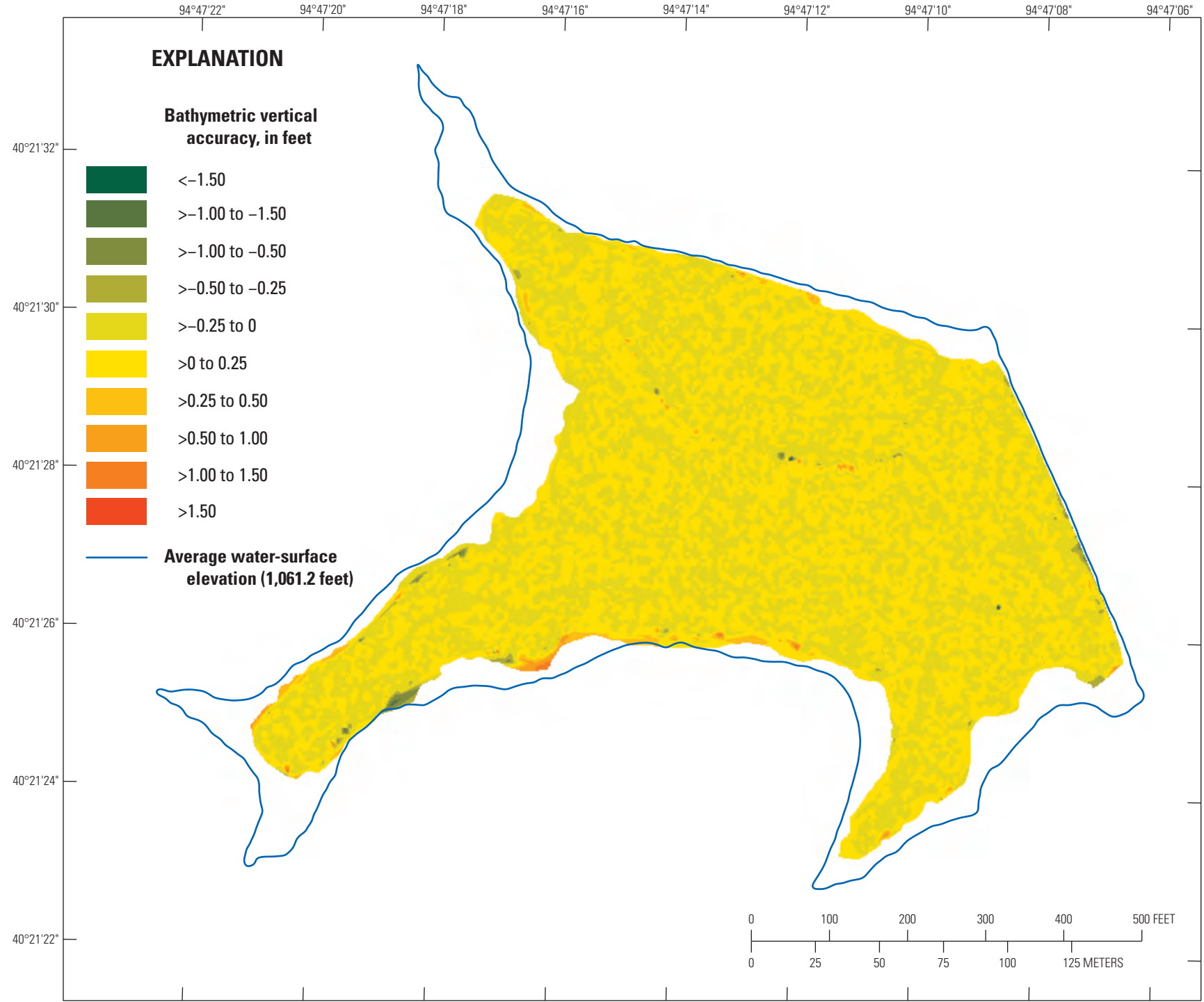


Figure 55. Vertical accuracy of the bathymetric surface of Maryville Reservoir near Maryville, Missouri, 2020.

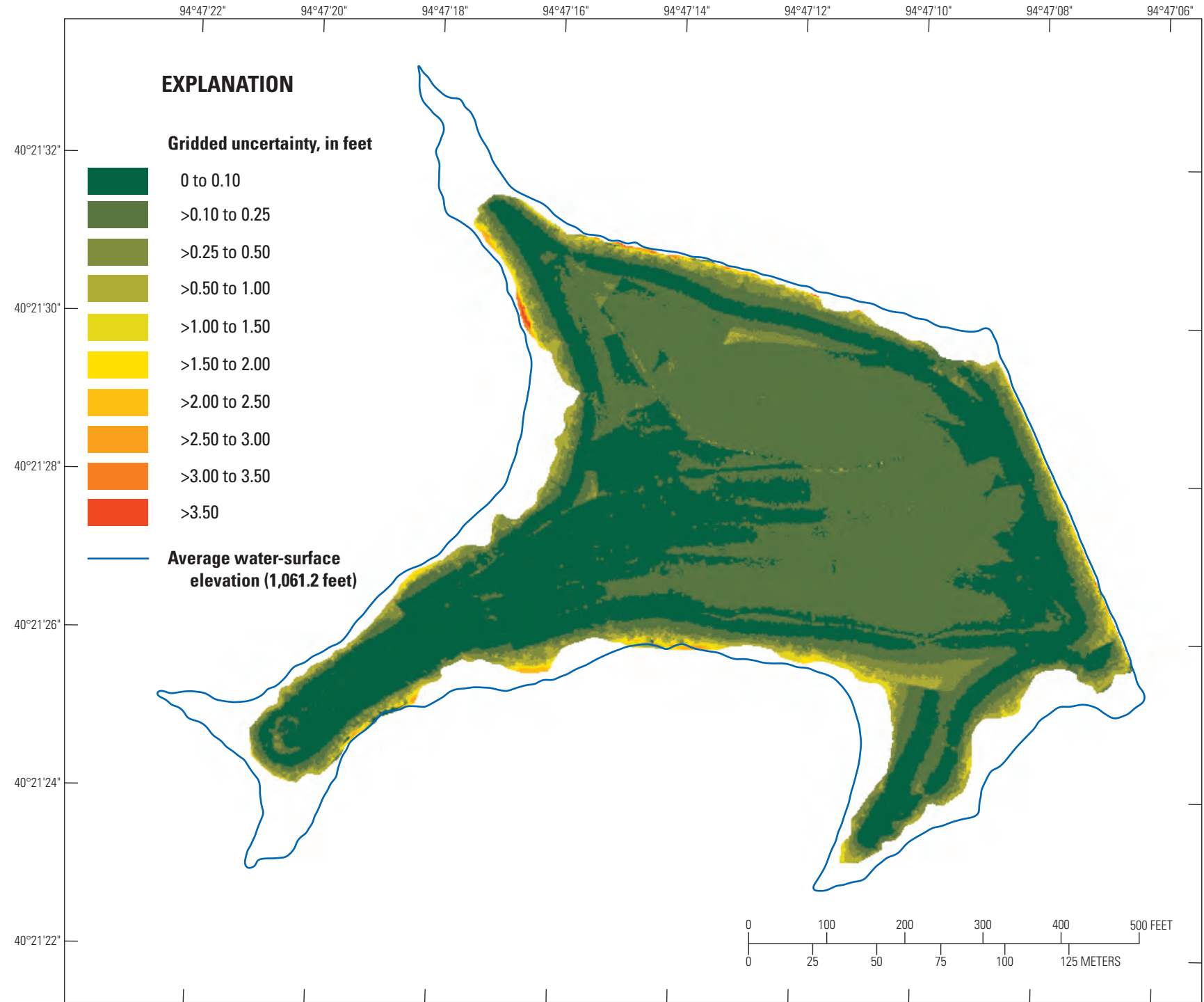


Figure 56. Gridded uncertainty of the bathymetric surface of Maryville Reservoir near Maryville, Missouri, 2020.

## Bathymetric Contour Map, and Surface Area and Capacity Table for Maryville Reservoir near Maryville, Missouri, 2020

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