



**Table 1.** Surface area and capacity at specified water-surface elevations for Higginsville Reservoir (lower and upper) near Higginsville, Missouri, June 10–11, 2020.

[Primary spillway elevation for the lower reservoir is about 754.8 feet, and primary spillway elevation for the upper reservoir is about 763.1 feet; the mean water-surface elevation of the lower reservoir during the survey was about 754.8 feet (row shaded in the table), and the mean water-surface elevation of the upper reservoir during the survey was 763.1 feet (row shaded in the table)]

Water-surface elevation, <sup>1</sup> in feet	Surface area, in acres	Capacity, <sup>2</sup> in acre-feet
Lower reservoir		
738.0	5.82	3.13
740.0	22.8	29.4
742.0	44.2	96.2
744.0	68.8	208
746.0	86.6	365
748.0	102	553
750.0	120	775
752.0	136	1,030
754.0	144	1,310
754.8	148	1,430
Upper reservoir		
758.0	0.09	0.06
760.0	21.9	20.9
762.0	32.7	75.9
763.1	41.1	116

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

<sup>2</sup>Capacities for the lower reservoir were calculated from surface testing at 0.18-foot vertical accuracy at a 95-percent confidence level. Capacities for the upper reservoir were calculated from surface testing at 0.05-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.

## Bathymetric Contour Map and Surface Area and Capacity Table for Higginsville Reservoir (Lower and Upper; lakes 14 and 15) near Higginsville, Missouri, 2020

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