

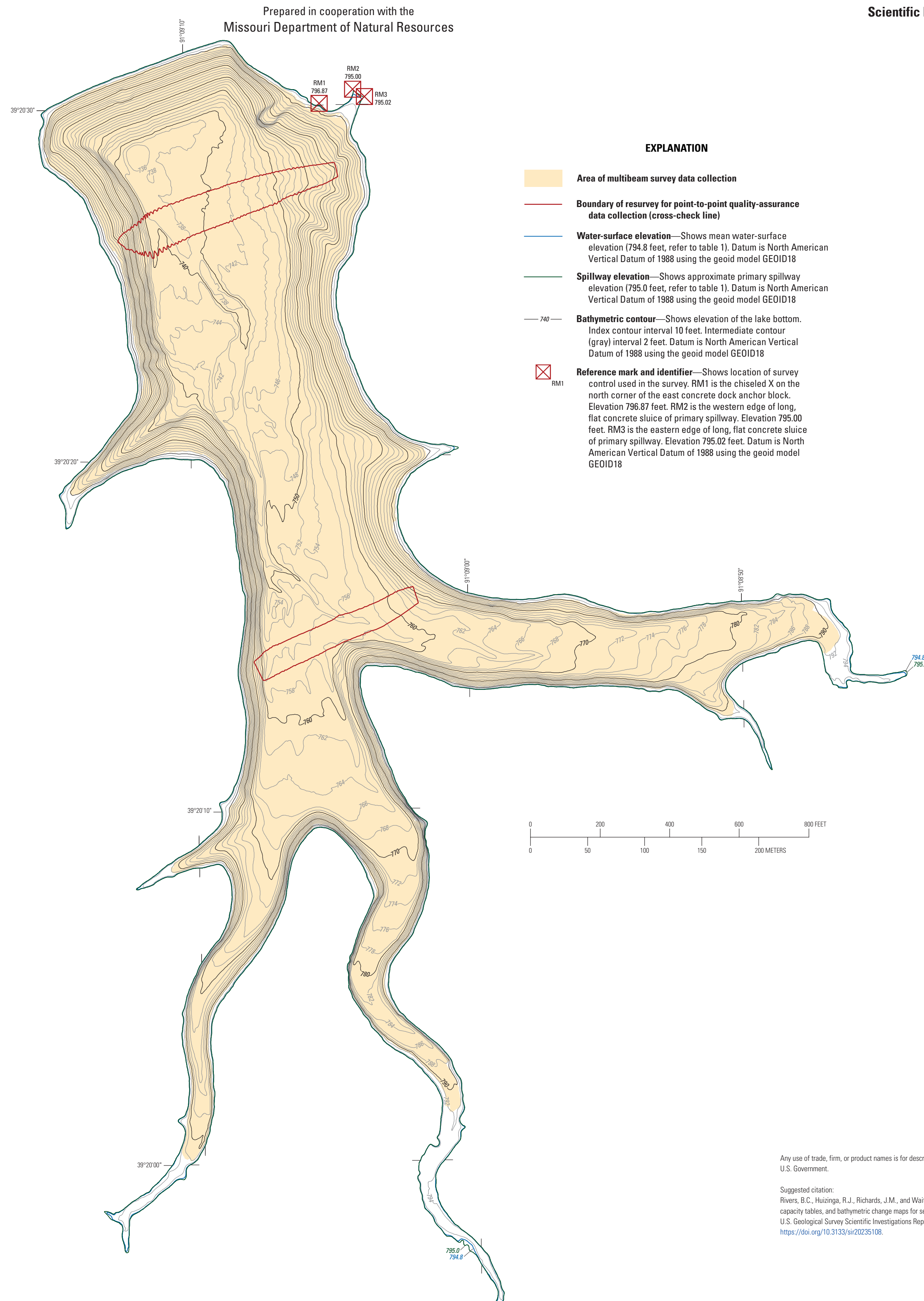
Table 1. Surface area and capacity at specified water-surface elevations for Bowling Green Reservoir (Jack Floyd Memorial Lake) near Bowling Green, Missouri, April 26, 2021.

[Primary spillway elevation is about 795.0 feet; the mean water-surface elevation during the survey was about 794.8 feet (row shaded in the table)]

Water-surface elevation, ¹ in feet	Surface area, in acres	Capacity, ² in acre-feet
736.0	0.09	0.10
738.0	0.86	0.78
740.0	2.07	3.65
742.0	3.52	9.14
744.0	5.31	18.0
746.0	6.92	30.3
748.0	8.13	45.4
750.0	9.26	62.8
752.0	10.3	82.4
754.0	11.5	104
756.0	13.1	129
758.0	14.7	156
760.0	16.2	187
762.0	17.8	221
764.0	19.7	259
766.0	21.4	300
768.0	22.9	344
770.0	24.5	392
772.0	26.1	443
774.0	27.6	496
776.0	29.0	553
778.0	30.5	612
780.0	32.0	675
782.0	33.6	741
784.0	35.1	809
786.0	36.5	881
788.0	37.9	955
790.0	39.4	1,030
792.0	40.9	1,110
794.0	43.2	1,200
796.0	45.3	1,290
794.8	44.2	1,230
795.0	44.4	1,240

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

²Capacities were calculated from surface testing at 0.24-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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Bathymetric Contour Map and Surface Area and Capacity Table for Bowling Green Reservoir (Jack Floyd Memorial Lake; lake 30) near Bowling Green, Missouri, 2021

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