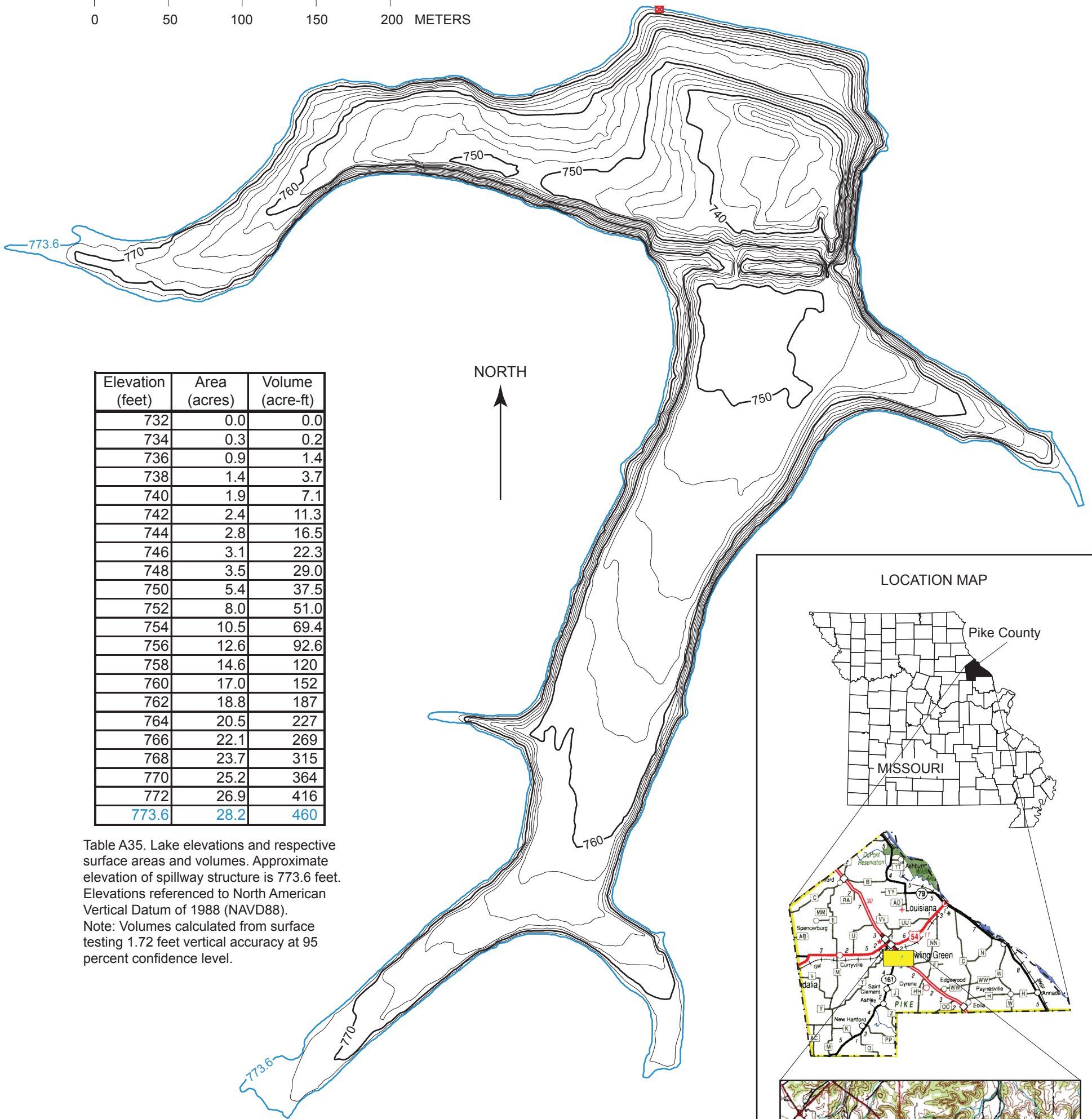
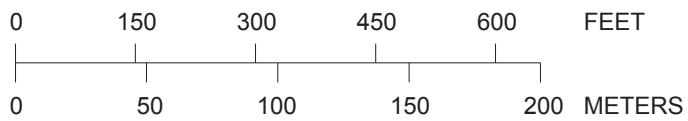


# BOWLING GREEN WEST LAKE



Elevation (feet)	Area (acres)	Volume (acre-ft)
732	0.0	0.0
734	0.3	0.2
736	0.9	1.4
738	1.4	3.7
740	1.9	7.1
742	2.4	11.3
744	2.8	16.5
746	3.1	22.3
748	3.5	29.0
750	5.4	37.5
752	8.0	51.0
754	10.5	69.4
756	12.6	92.6
758	14.6	120
760	17.0	152
762	18.8	187
764	20.5	227
766	22.1	269
768	23.7	315
770	25.2	364
772	26.9	416
773.6	28.2	460

Table A35. Lake elevations and respective surface areas and volumes. Approximate elevation of spillway structure is 773.6 feet. Elevations referenced to North American Vertical Datum of 1988 (NAVD88). Note: Volumes calculated from surface testing 1.72 feet vertical accuracy at 95 percent confidence level.

## EXPLANATION

- 770 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Contours tested 2.44 feet vertical accuracy at 95 percent confidence level. Vertical datum is NAVD88.
- 773.6 — WATER SURFACE—Shows approximate elevation of water surface, February 24-25, 2005 (table A35). Vertical datum is NAVD88.
- U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow located on rip-rap boulder at northwest end of dam. Elevation 774.2 feet. Vertical datum is NAVD88.

