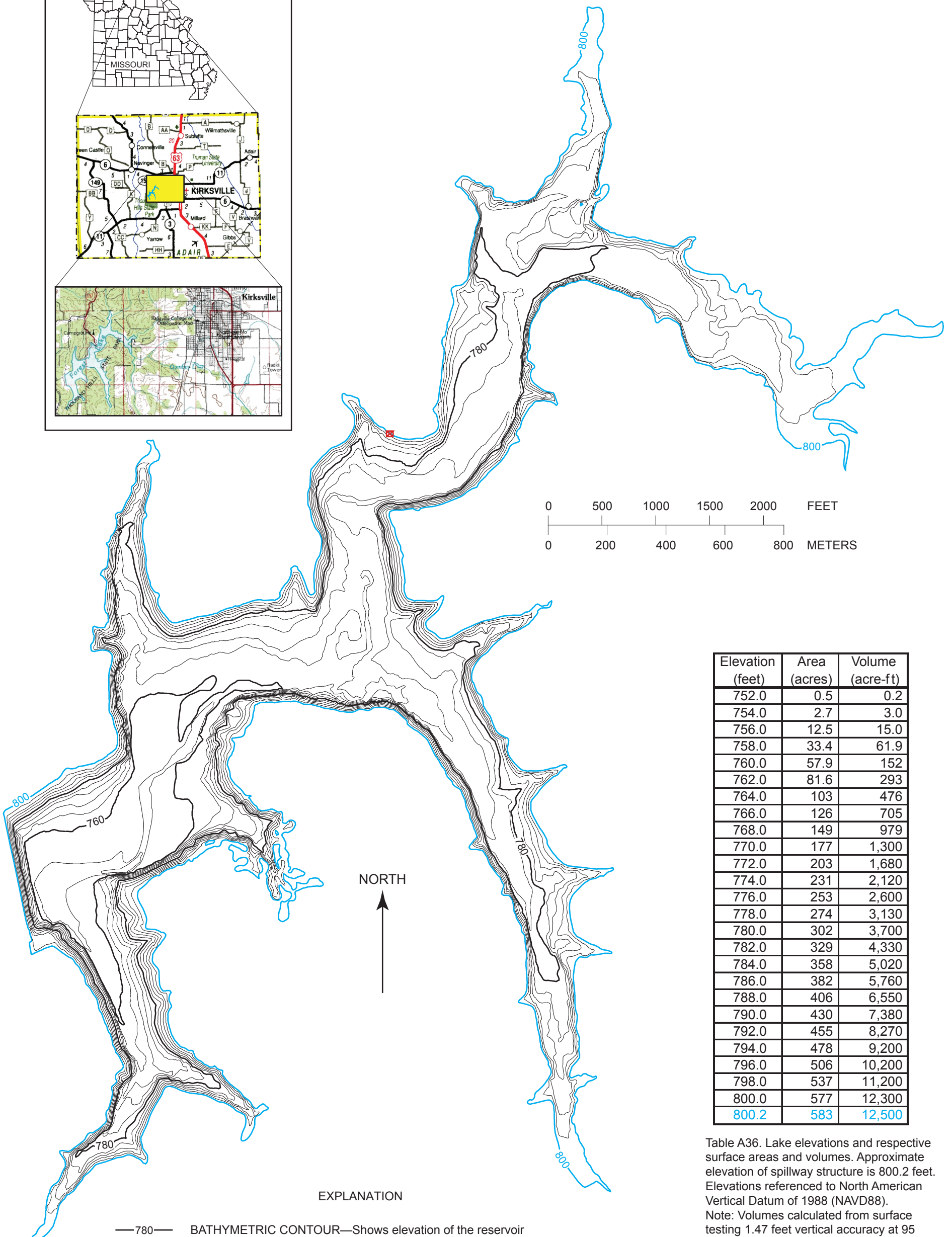
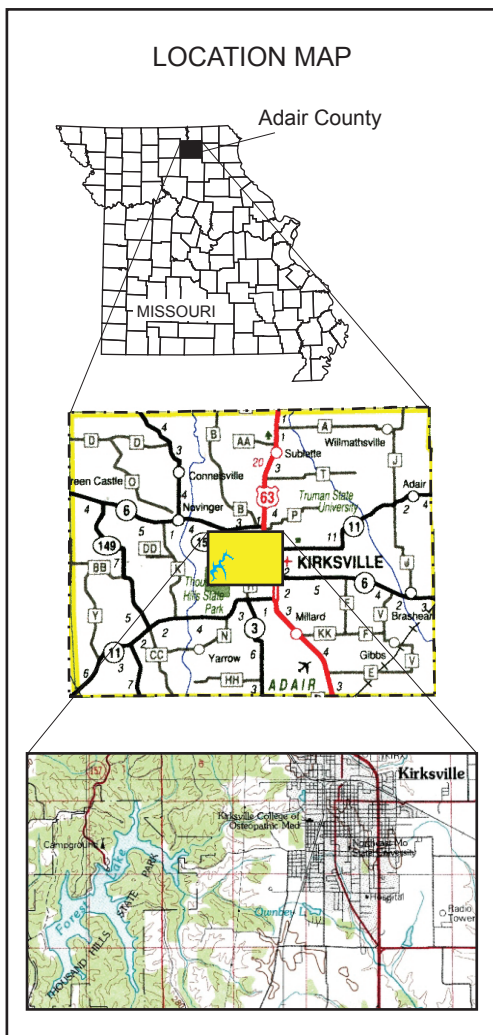


# FOREST LAKE



Elevation (feet)	Area (acres)	Volume (acre-ft)
752.0	0.5	0.2
754.0	2.7	3.0
756.0	12.5	15.0
758.0	33.4	61.9
760.0	57.9	152
762.0	81.6	293
764.0	103	476
766.0	126	705
768.0	149	979
770.0	177	1,300
772.0	203	1,680
774.0	231	2,120
776.0	253	2,600
778.0	274	3,130
780.0	302	3,700
782.0	329	4,330
784.0	358	5,020
786.0	382	5,760
788.0	406	6,550
790.0	430	7,380
792.0	455	8,270
794.0	478	9,200
796.0	506	10,200
798.0	537	11,200
800.0	577	12,300
<b>800.2</b>	<b>583</b>	<b>12,500</b>

Table A36. Lake elevations and respective surface areas and volumes. Approximate elevation of spillway structure is 800.2 feet. Elevations referenced to North American Vertical Datum of 1988 (NAVD88). Note: Volumes calculated from surface testing 1.47 feet vertical accuracy at 95 percent confidence level.

## EXPLANATION

- 780 BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 4 feet. Contours tested 2.92 feet vertical accuracy at 95 percent confidence level. Vertical datum is NAVD88.
- 800 WATER SURFACE—Shows approximate elevation of water surface, March 1-2, 2005 (actual was 800.2 feet, table A36). Vertical datum is NAVD88.
- U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow located 80 feet southeast of boat ramp on retaining wall. Elevation 801.8 feet. Vertical datum is NAVD88.