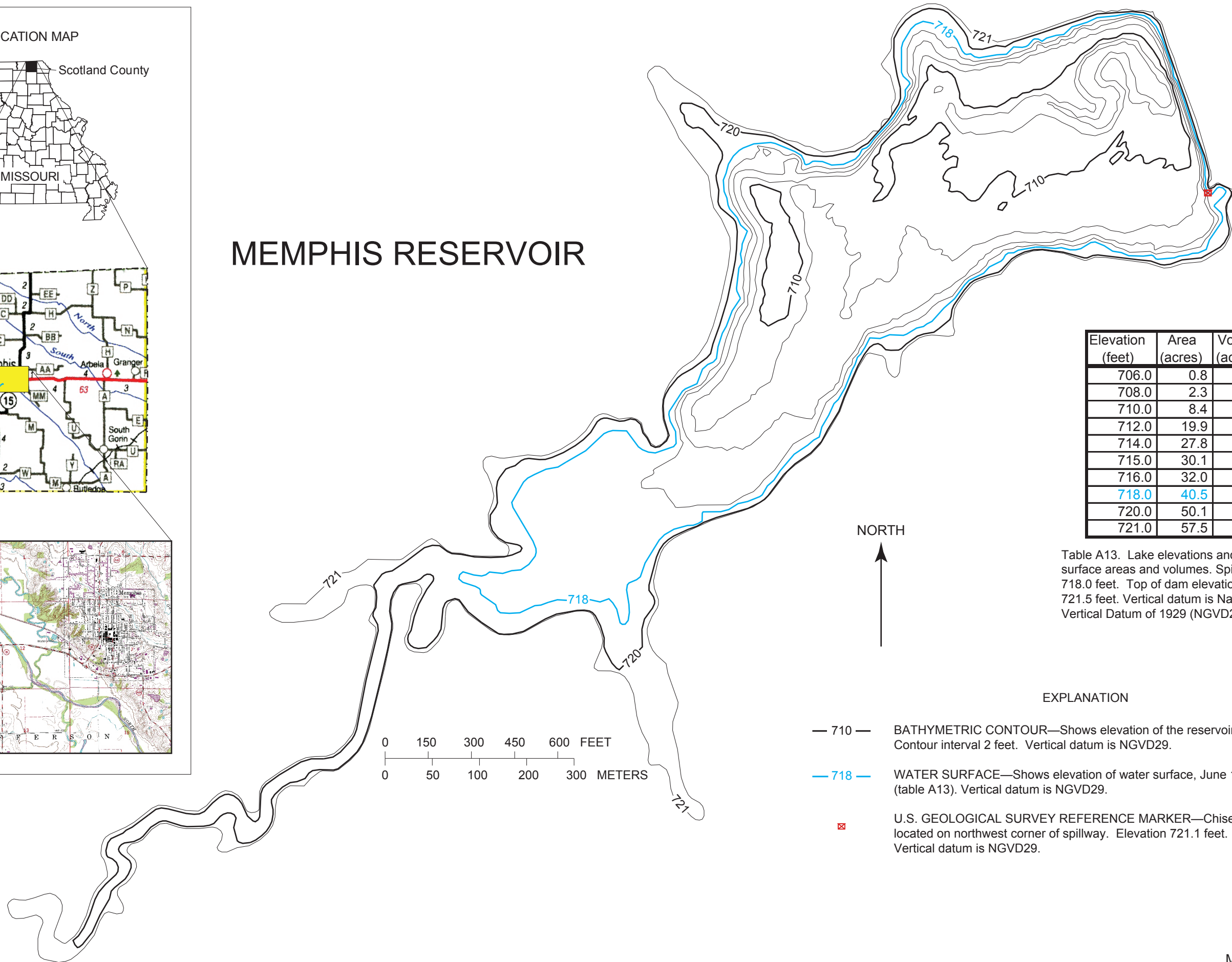


# MEMPHIS RESERVOIR



Elevation (feet)	Area (acres)	Volume (acre-ft)
706.0	0.8	0.6
708.0	2.3	3.7
710.0	8.4	12.5
712.0	19.9	40.7
714.0	27.8	89.6
715.0	30.1	118.6
716.0	32.0	149.6
718.0	40.5	219.5
720.0	50.1	309.4
721.0	57.5	364.9

Table A13. Lake elevations and respective surface areas and volumes. Spillway elevation is 718.0 feet. Top of dam elevation is approximately 721.5 feet. Vertical datum is National Geodetic Vertical Datum of 1929 (NGVD29).

### EXPLANATION

- 710 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Vertical datum is NGVD29.
- 718 — WATER SURFACE—Shows elevation of water surface, June 19, 2001 (table A13). Vertical datum is NGVD29.
- ☒ U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled square located on northwest corner of spillway. Elevation 721.1 feet. Vertical datum is NGVD29.

Figure A13. Bathymetric map and area/volume table for the Memphis Reservoir near Memphis, Missouri.