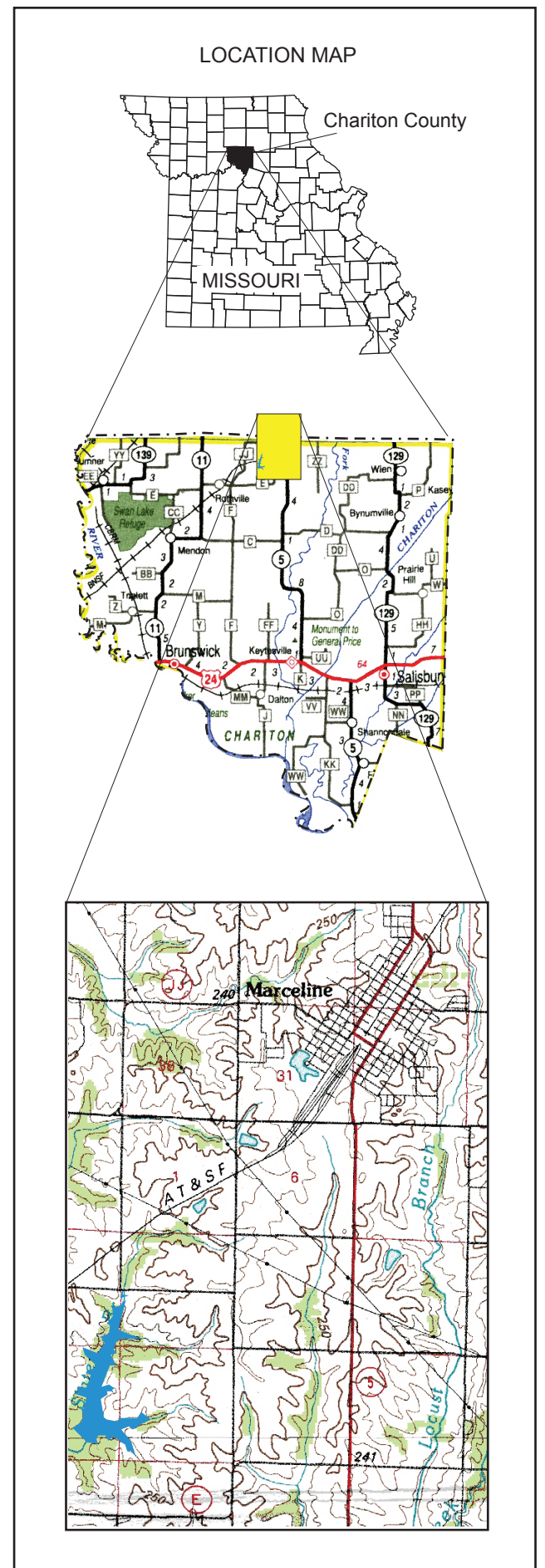
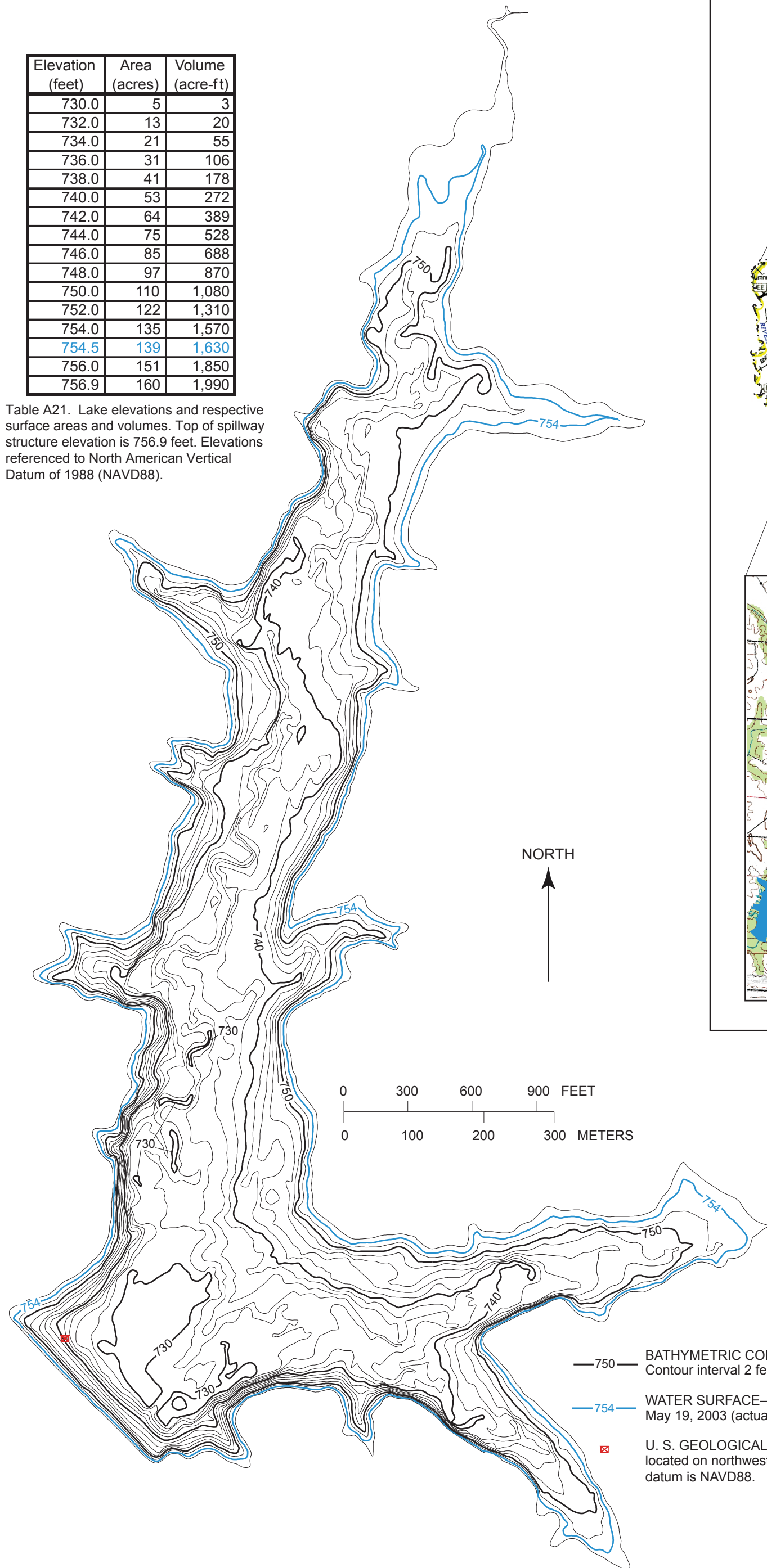


NEW MARCELINE CITY LAKE

Elevation (feet)	Area (acres)	Volume (acre-ft)
730.0	5	3
732.0	13	20
734.0	21	55
736.0	31	106
738.0	41	178
740.0	53	272
742.0	64	389
744.0	75	528
746.0	85	688
748.0	97	870
750.0	110	1,080
752.0	122	1,310
754.0	135	1,570
754.5	139	1,630
756.0	151	1,850
756.9	160	1,990

Table A21. Lake elevations and respective surface areas and volumes. Top of spillway structure elevation is 756.9 feet. Elevations referenced to North American Vertical Datum of 1988 (NAVD88).



EXPLANATION

- 750 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Vertical datum is NAVD88.
- 754 — WATER SURFACE—Shows approximate elevation of water surface, May 19, 2003 (actual is 754.5 feet, table A21). Vertical datum is NAVD88.
- U. S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow located on northwest side of intake tower. Elevation 764.1 feet. Vertical datum is NAVD88.