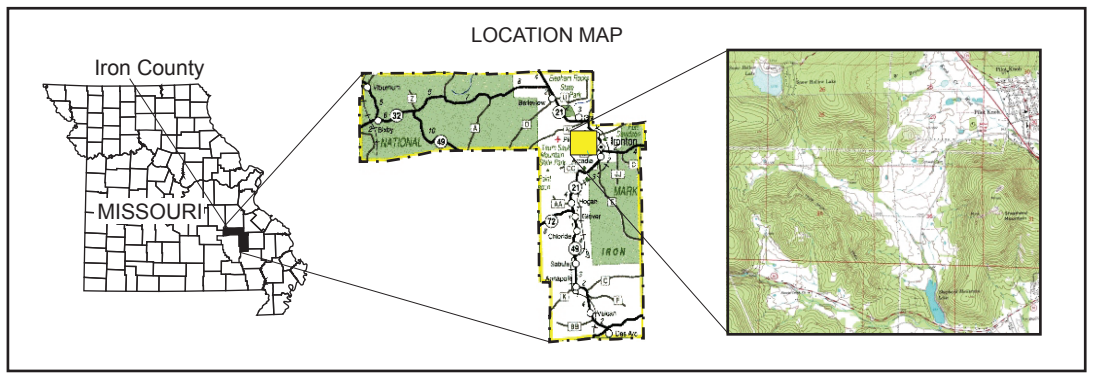
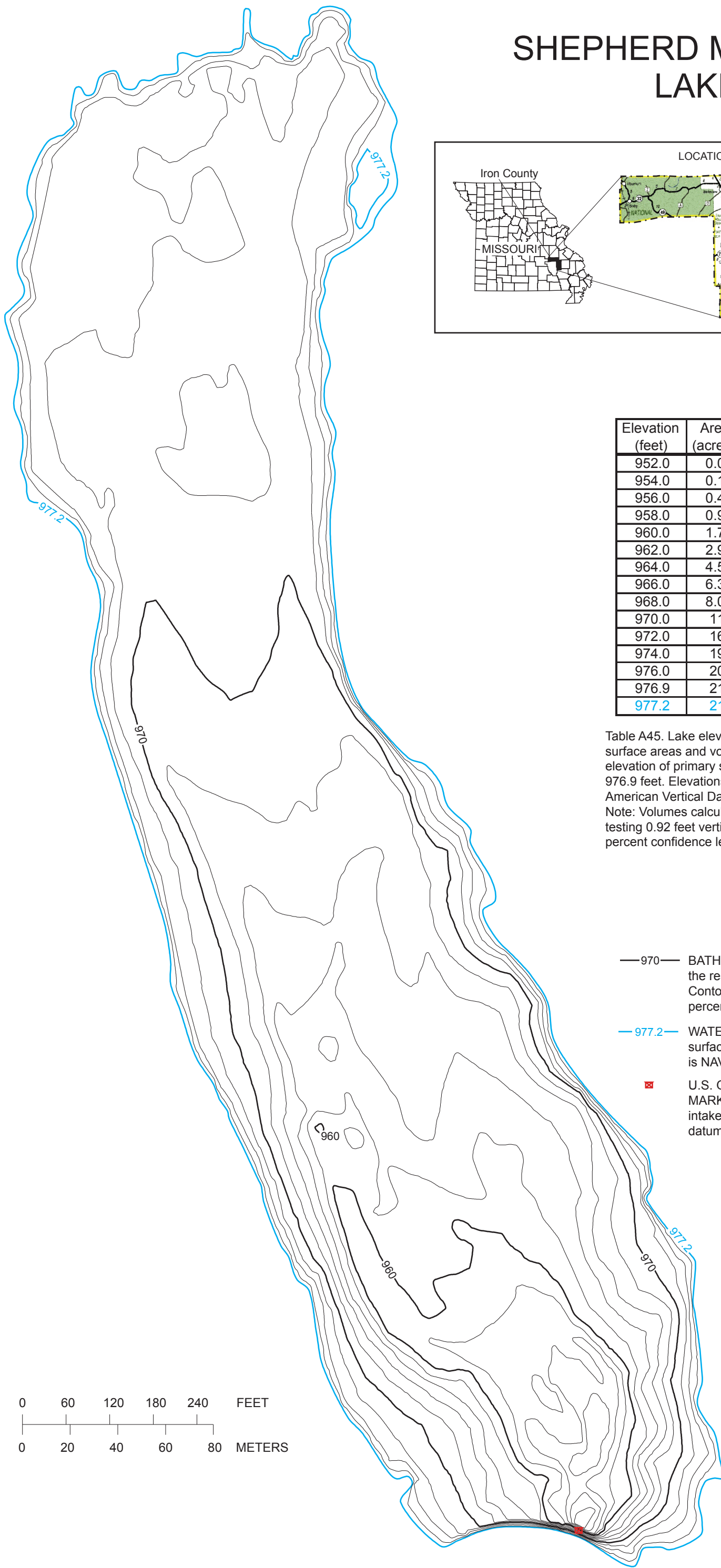


SHEPHERD MOUNTAIN LAKE



Elevation (feet)	Area (acres)	Volume (acre-ft)
952.0	0.0	0.0
954.0	0.1	0.1
956.0	0.4	0.5
958.0	0.9	1.7
960.0	1.7	4.3
962.0	2.9	8.9
964.0	4.5	16.2
966.0	6.3	26.9
968.0	8.0	41.5
970.0	11	60.3
972.0	16	85.4
974.0	19	121
976.0	20	161
976.9	21	179
977.2	21	186

Table A45. Lake elevations and respective surface areas and volumes. Approximate elevation of primary spillway structure is 976.9 feet. Elevations referenced to North American Vertical Datum of 1988 (NAVD88). Note: Volumes calculated from surface testing 0.92 feet vertical accuracy at 95 percent confidence level.

EXPLANATION

- 970 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Contours tested 1.20 feet vertical accuracy at 95 percent confidence level. Vertical datum is NAVD88.
- 977.2 — WATER SURFACE—Shows elevation of water surface, July 9-10, 2007 (table A45). Vertical datum is NAVD88.
- U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow on northeast corner of intake structure. Elevation 982.2 feet. Vertical datum is NAVD88.

NORTH

