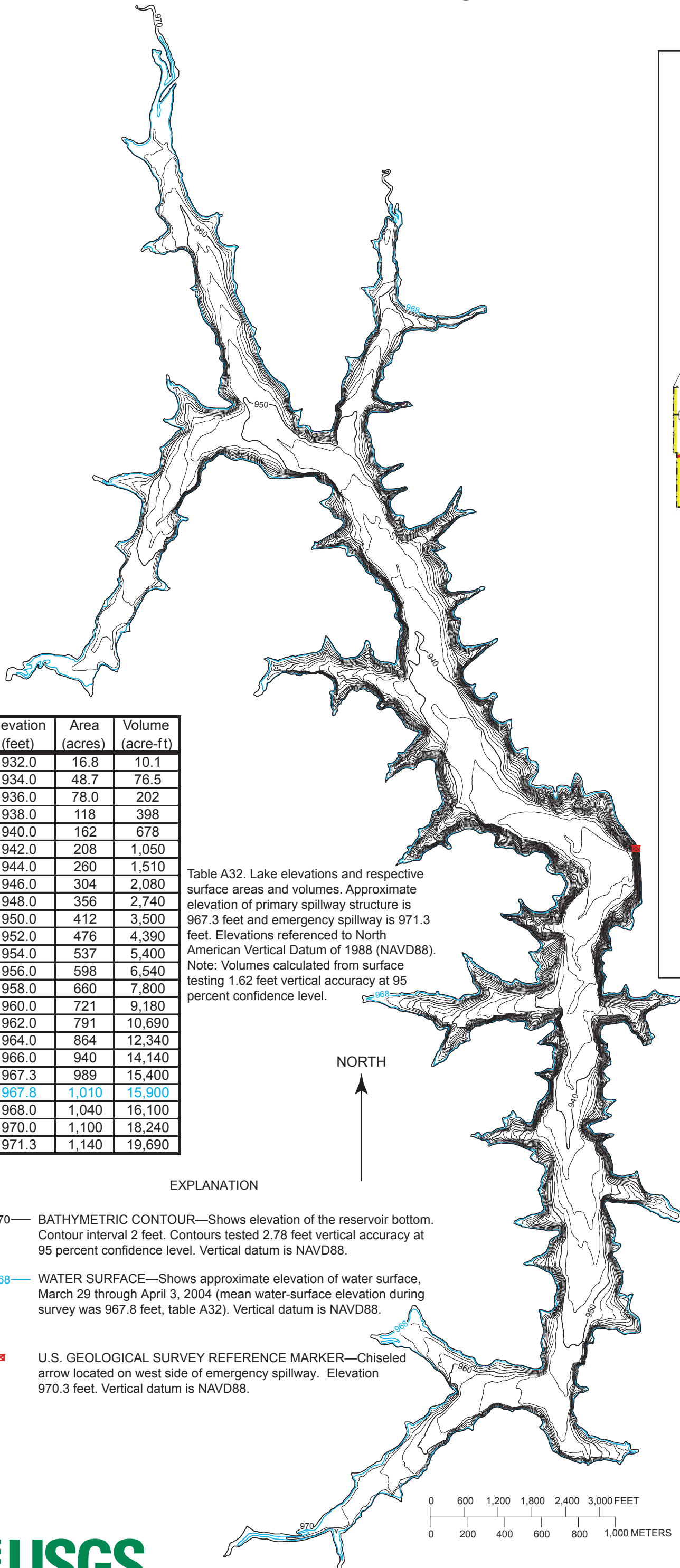


LAKE THUNDERHEAD



Elevation (feet)	Area (acres)	Volume (acre-ft)
932.0	16.8	10.1
934.0	48.7	76.5
936.0	78.0	202
938.0	118	398
940.0	162	678
942.0	208	1,050
944.0	260	1,510
946.0	304	2,080
948.0	356	2,740
950.0	412	3,500
952.0	476	4,390
954.0	537	5,400
956.0	598	6,540
958.0	660	7,800
960.0	721	9,180
962.0	791	10,690
964.0	864	12,340
966.0	940	14,140
967.3	989	15,400
967.8	1,010	15,900
968.0	1,040	16,100
970.0	1,100	18,240
971.3	1,140	19,690

Table A32. Lake elevations and respective surface areas and volumes. Approximate elevation of primary spillway structure is 967.3 feet and emergency spillway is 971.3 feet. Elevations referenced to North American Vertical Datum of 1988 (NAVD88). Note: Volumes calculated from surface testing 1.62 feet vertical accuracy at 95 percent confidence level.

EXPLANATION

- 970 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Contours tested 2.78 feet vertical accuracy at 95 percent confidence level. Vertical datum is NAVD88.
- 968 — WATER SURFACE—Shows approximate elevation of water surface, March 29 through April 3, 2004 (mean water-surface elevation during survey was 967.8 feet, table A32). Vertical datum is NAVD88.
- U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow located on west side of emergency spillway. Elevation 970.3 feet. Vertical datum is NAVD88.

