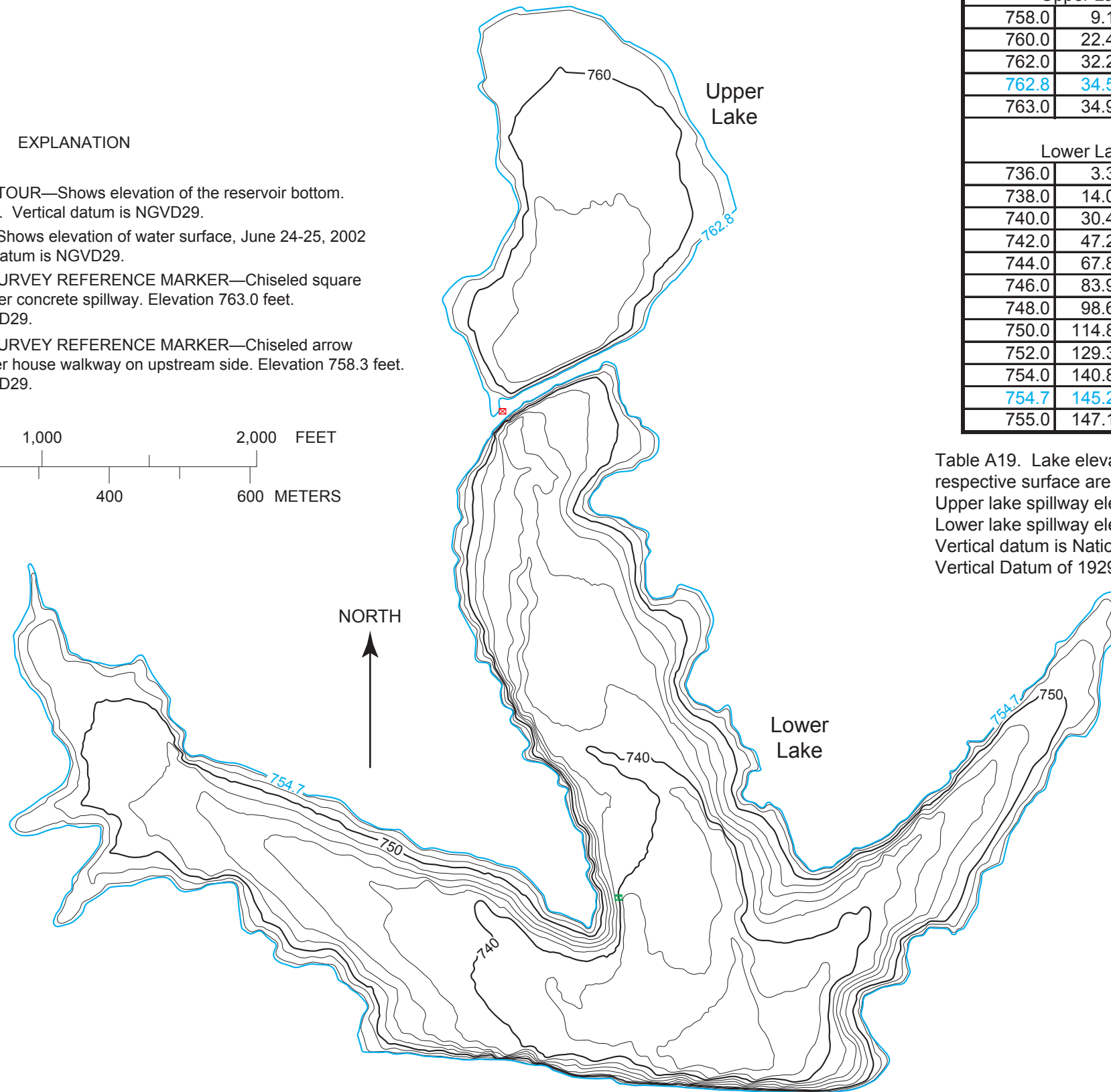
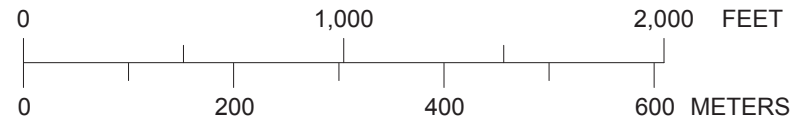


HIGGINSVILLE CITY LAKE

- EXPLANATION**
- 760 — BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Vertical datum is NGVD29.
 - 762.8— WATER SURFACE—Shows elevation of water surface, June 24-25, 2002 (table A19). Vertical datum is NGVD29.
 - ☒ U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled square on left overflow of upper concrete spillway. Elevation 763.0 feet. Vertical datum is NGVD29.
 - ☒ U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow on second pier of water house walkway on upstream side. Elevation 758.3 feet. Vertical datum is NGVD29.



Elevation (feet)	Area (acres)	Volume (acre-ft)
Upper Lake		
758.0	9.1	4.3
760.0	22.4	37.7
762.0	32.2	94.1
762.8	34.5	120.8
763.0	34.9	127.7
Lower Lake		
736.0	3.3	1.8
738.0	14.0	18.4
740.0	30.4	62.3
742.0	47.2	139.8
744.0	67.8	254.8
746.0	83.9	407.5
748.0	98.6	589.9
750.0	114.8	803.1
752.0	129.3	1,048.1
754.0	140.8	1,318.1
754.7	145.2	1,418.1
755.0	147.1	1,462.0

Table A19. Lake elevations and respective surface areas and volumes. Upper lake spillway elevation 763.0 feet. Lower lake spillway elevation 755.0 feet. Vertical datum is National Geodetic Vertical Datum of 1929 (NGVD29).

