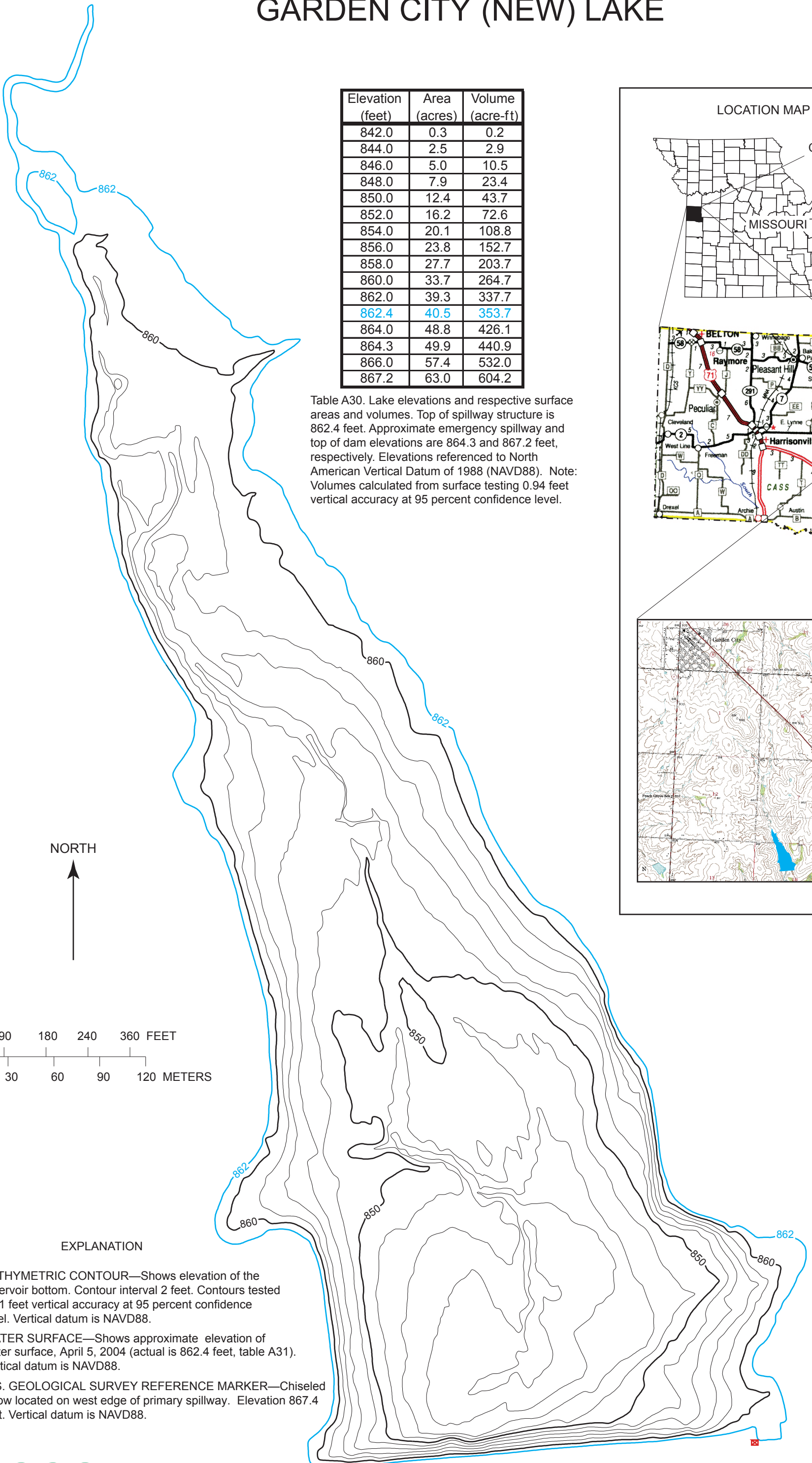


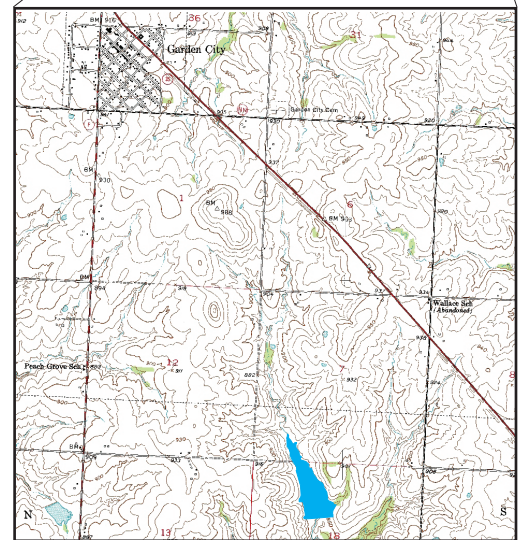
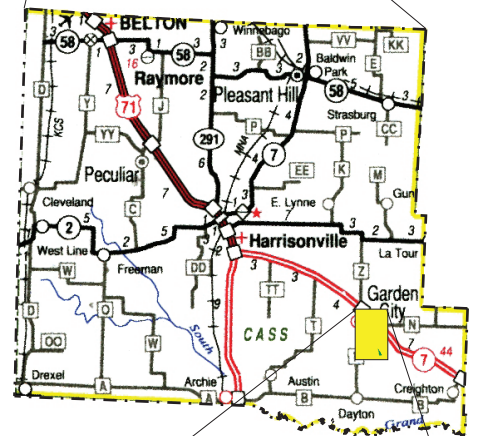
GARDEN CITY (NEW) LAKE



Elevation (feet)	Area (acres)	Volume (acre-ft)
842.0	0.3	0.2
844.0	2.5	2.9
846.0	5.0	10.5
848.0	7.9	23.4
850.0	12.4	43.7
852.0	16.2	72.6
854.0	20.1	108.8
856.0	23.8	152.7
858.0	27.7	203.7
860.0	33.7	264.7
862.0	39.3	337.7
862.4	40.5	353.7
864.0	48.8	426.1
864.3	49.9	440.9
866.0	57.4	532.0
867.2	63.0	604.2

Table A30. Lake elevations and respective surface areas and volumes. Top of spillway structure is 862.4 feet. Approximate emergency spillway and top of dam elevations are 864.3 and 867.2 feet, respectively. Elevations referenced to North American Vertical Datum of 1988 (NAVD88). Note: Volumes calculated from surface testing 0.94 feet vertical accuracy at 95 percent confidence level.

LOCATION MAP



EXPLANATION

- 860— BATHYMETRIC CONTOUR—Shows elevation of the reservoir bottom. Contour interval 2 feet. Contours tested 1.41 feet vertical accuracy at 95 percent confidence level. Vertical datum is NAVD88.
- 862— WATER SURFACE—Shows approximate elevation of water surface, April 5, 2004 (actual is 862.4 feet, table A31). Vertical datum is NAVD88.
- ☒ U.S. GEOLOGICAL SURVEY REFERENCE MARKER—Chiseled arrow located on west edge of primary spillway. Elevation 867.4 feet. Vertical datum is NAVD88.

