

18°17' 66°40'

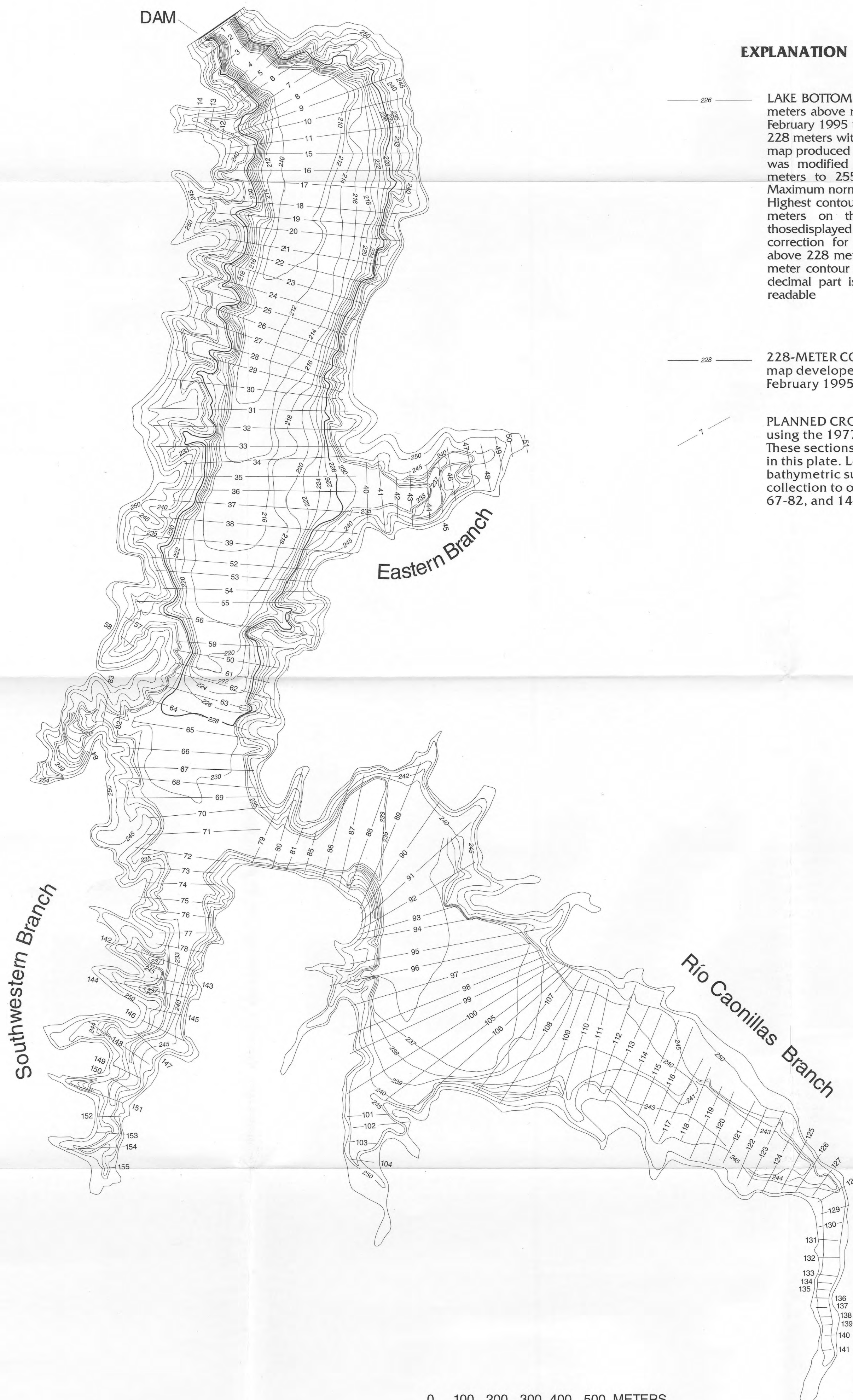
66°39'

66°38'

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18°16'

18°15'



EXPLANATION

- 228 — LAKE BOTTOM CONTOUR - Elevation of the lake bottom, in meters above mean sea level. Bathymetric data collected in February 1995 used to develop contours from 210 meters to 228 meters with a contour interval of 2 meters. Topographic map produced from aerial photographs taken May 17, 1990, was modified and used to develop contours from 230 meters to 255 meters with a variable contour interval. Maximum normal pool is 251.76 meters (spillway elevation). Highest contour shown is 255 meters. Contours above 228 meters on this map are 10.31 meters higher than those displayed on the 1990 topographic map and reflect a correction for an erroneous vertical datum. All contours above 228 meters have a decimal component of 0.31 (250 meter contour = 250.31 meters above mean sea level). The decimal part is not included to make the numbers more readable.
- 228 — 228-METER CONTOUR - Maximum extent of bathymetric map developed from bathymetric data collected in February 1995
- 7 — PLANNED CROSS SECTIONS - 155 sections were planned using the 1977 shoreline from the Utuado quadrangle. These sections do not conform to the shoreline presented in this plate. Low pool elevation (234 meters) during the bathymetric survey in February 1995 limited data collection to only 75 cross sections: 1-33, 35-42, 52-65, 67-82, and 142-145 (see fig. 2)

0 100 200 300 400 500 METERS
0 500 1,000 1,500 FEET

Shoreline and contours above 228 meters above mean sea level modified from aerial photography and digital mapping by photogrammetric methods by Caribbean Aerial Survey, Inc., 1991 (Report CAS-630). Lambert Conic Conformal Projection, Puerto Rico State Plane coordinate system (1940 adjustment)

LAGO CAONILLAS, PUERTO RICO,
BATHYMETRY, FEBRUARY 1995

By
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1996