



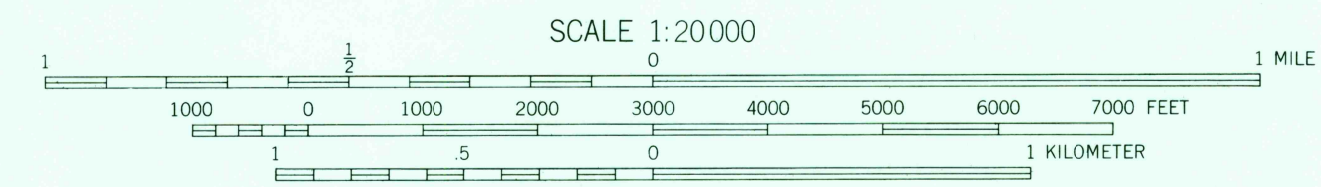
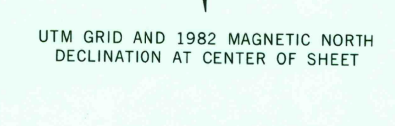
Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial  
photographs taken 1941 and planimetric surveys 1943. Revised 1960

Selected hydrographic data compiled from NOS charts  
904 (1960), 918 (1947), and 924 (1952)  
This information is not intended for navigational purposes

Polyconic projection. Puerto Rico Datum, 1940 adjustment  
2000-meter grid ticks based on Puerto Rico coordinate system  
1000-meter Universal Transverse Mercator grid, zone 20

Revisions shown in purple and woodland compiled from  
aerial photographs taken 1977 and other sources  
This information not field checked. Map edited 1982



CONTOUR INTERVAL 10 METERS  
DASHED LINES REPRESENT 5-METER CONTOURS  
DOTTED LINES REPRESENT 1-METER CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.2 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, SAN JUAN, P. R. 00910  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -  
Insular Route ○



USGS NIP HISTORICAL MAP

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18065-47-TM-020

FEB 03 1989  
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1960  
PHOTOREVISED 1982  
DMA 1422 III NE-SERIES E635