



EXPLANATION

● HWM-21 (7.4)
High-water mark and identification number. Number in parenthesis is elevation of high water mark, in feet above mean sea level.

□ RM-28 (8.48)
Reference mark and identification number. Number in parenthesis is elevation of reference mark, in feet above mean sea level.

□ BM (19.27)
Benchmark. Number in parenthesis is elevation of benchmark, in feet above mean sea level.

Note: Topographic contours on this map are in meters above mean sea level. To convert from meters to feet, multiply by 3.281. High-water mark and survey mark elevations are shown in feet above mean sea level. To convert feet to meters, multiply by 0.3048.

SCALE 1:20,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

CONTOUR INTERVAL 5 METERS
DOTTED LINES REPRESENT 1-METER CONTOURS
DATUM IS MEAN SEA LEVEL
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 0.3 METER
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
Insular Route

Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1963. Revised from aerial photographs taken 1967. Field checked 1969.
Selected hydrographic data compiled from NOS chart 903 (1964). 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
Barrio and municipality boundaries by the Puerto Rico Planning Board
Red tint indicates areas in which only landmark buildings are shown
Kilometric reference distances shown in red
There may be private inholdings within the boundaries of the National or State reservations shown on this map

Revisions shown in purple and woodland compiled from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1982
Purple tint indicates extension of urban areas

MAP SHOWING ELEVATIONS OF HIGH-WATER MARKS AND SURVEY MARKS USED TO DOCUMENT THE EFFECTS OF STORM TIDES CAUSED BY HURRICANE HUGO, SEPTEMBER 18, 1989: CAROLINA QUADRANGLE, P.R.

CAROLINA, P. R.
N1822 5-W6552.5/7.5
1969
PHOTOREVISED 1982
DMA 1423 III SW-SERIES E835