



**EXPLANATION**

- HWM-5 (10.0) HIGH-WATER MARK  
High-water mark and identification number. Number in parenthesis is elevation of high-water mark, in feet above mean sea level.
- RM-9 (19.86) SURVEY MARKS  
Reference mark and identification number. Number in parenthesis is elevation of reference mark, in feet above mean sea level.
- BM-22R (6.46) BENCHMARK  
Benchmark and identification number. 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.

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 charts 903 (1964) and 908 (1965). 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 19  
Barrio and municipality boundaries by the Puerto Rico Planning Board  
Red tint indicates areas in which only landmark buildings are shown  
Kilometric reference distances are 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



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 0.5 METERS  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Tierras, Sierra, Herbert, 1996, Storm-tide elevations caused by Hurricane Hugo on the U.S. Virgin Islands and Puerto Rico, September 18, 1989, U.S. Geological Survey Open-File Report 92-87

PUERTO RICO  
QUADRANGLE LOCATION

**ROAD CLASSIFICATION**

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

BAYAMON, P. R.  
N1822 5-W6607 5/7 5  
1969  
PHOTOREVISED 1982  
DMA 1323 II SW-SERIES E835

**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: BAYAMON QUADRANGLE, P.R.**