



EXPLANATION

- HWM-34 (8.2) High-water mark and identification number. Number in parentheses is elevation of high-water mark, in feet above mean sea level.
- RM-43 (6.96) Reference mark and identification number. Number in parentheses is elevation of reference mark, in feet above mean sea level.
- BM-48R (6.53) Benchmark and identification number. Number in parentheses 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 1941 and planetable surveys. Field checked 1942. Revised 1962.
Selected hydrographic data compiled from NOS charts 917 (1962) and 921 (1963). 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

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 10 METERS
DASHED LINES REPRESENT 5-METER CONTOURS
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

Torres Sierra, Heriberto, 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

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

FAJARDO, P. R.
N1816.5—W6537.5/7.5

1962
PHOTOREVISED 1982
DMA 1422 1 NW—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: FAJARDO QUADRANGLE, P.R.