

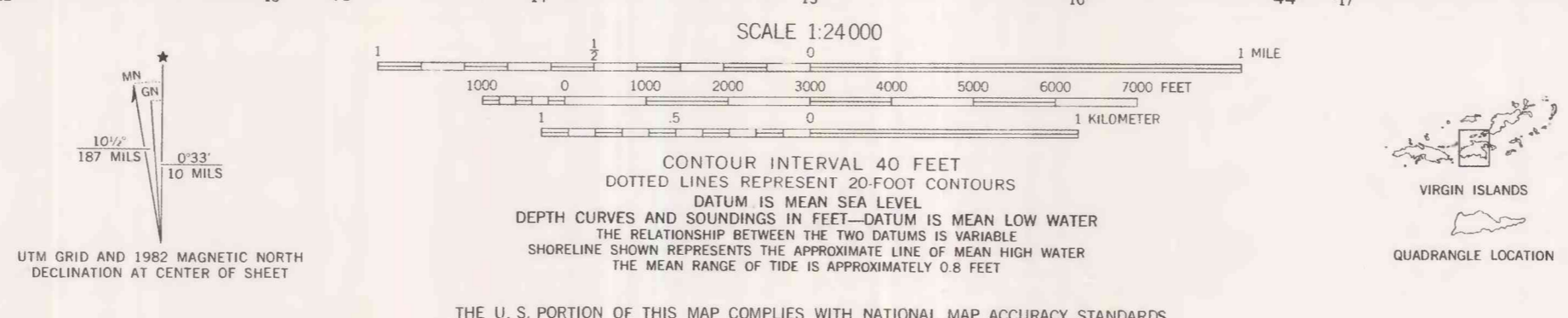


**EXPLANATION**

- HIGH-WATER MARK**
- HWM-1 (4.3) High-water mark and identification number. Number in parenthesis is elevation of high-water mark, in feet above mean sea level
- SURVEY MARKS**
- RM-1 (3.55) Reference mark and identification number. Number in parenthesis is elevation of reference mark, in feet above mean sea level
  - BM-2 (2.85) Benchmark and identification number. Number in parenthesis is elevation of benchmark, in feet above mean sea level

Note: Topographic contours and high-water mark and survey mark elevations on this map are 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 1954. Field checked 1958  
Selected hydrographic data compiled from NOS charts 905 (1956) and 938 (1953). This information is not intended for navigational purposes  
Polyconic projection. Puerto Rico Datum, 1940 adjustment  
10,000-foot grid ticks based on Puerto Rican coordinate system, Virgin Islands extension. 1000-meter Universal Transverse Mercator grid, zone 20  
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 1978 and other sources. This information not field checked. Map edited 1982



ROAD CLASSIFICATION  
Light-duty — Unimproved dirt —  
○ Insular Route  
WESTERN ST. JOHN, V. I.  
N 1816.5—W 6442.7.5X6  
1958  
PHOTOREVISED 1982  
DMA 1622 1 SW—SERIES E836

**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: WESTERN ST. JOHN QUADRANGLE, V.I.**

Torres-Sierra, Herberto, 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