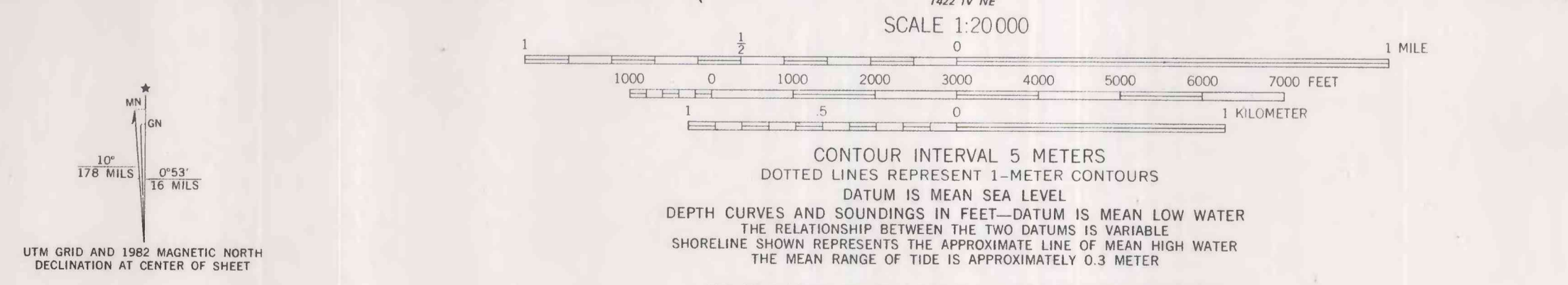




Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS/NOAA
 Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1963
 Selected hydrographic data compiled from NOS chart 904 (1963)
 This information is not intended for navigational purposes
 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
 Kilometric reference distances shown in red
 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



Torres-Sierra, Herberto, 1996. Storm-tide elevation 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
- Medium-duty
- Light duty
- Unimproved dirt
- Insular Route

QUADRANGLE LOCATION

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: RIO GRANDE QUADRANGLE, P.R.