

**HYDROGRAPHIC DATUM** ..... MEAN LOWER LOW WATER

Depth curve (meters)

Foreshore flats

Rocks awash; Reef

Wharf, pier

Seawall

Oil/gas rig

Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

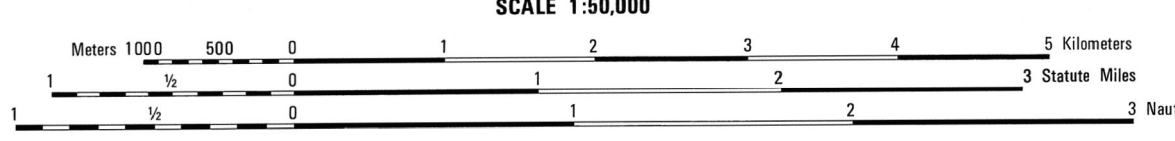
MAP INFORMATION AS OF 1983

**LEGEND**

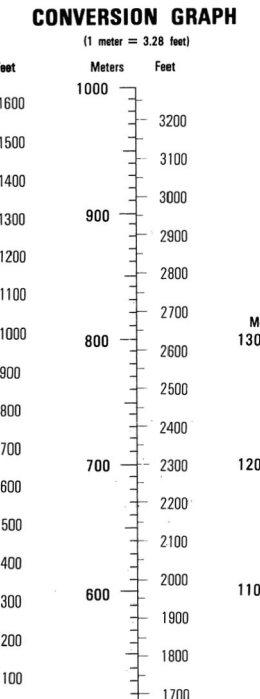
ROADS  
 Divided highway with median strip  
 Primary, all weather, hard surface  
 Secondary, all weather, hard surface  
 Light duty, all weather, hard or improved surface  
 Fair or dry weather, unimproved surface  
 Trail  
 Route markers: Interstate, Federal, State  
 Bridge  
 RAILROADS (Standard gauge 1.44m - 4'8 1/2")  
 Single track  
 Multiple track  
 Nonoperating  
 Railroad station: Location known; Location unknown  
 Car line  
 Tunnel: Highway; Railroad

BOUNDARIES  
 National, with monument  
 County parish  
 Civil township, town  
 Incorporated city, village, town  
 Reservation: State; Military

Power transmission line  
 Buildings  
 Structures  
 Church, School  
 Power substation  
 Windmill; Watermill  
 Well; Tank  
 Mine shaft  
 Open pit mine or quarry  
 Horizontal control station  
 Bench mark, monument  
 Bench mark, non-monumental  
 Spot elevations, in meters  
 Levee, river, dike  
 Bluffs, cliffs  
 Woodland  
 Vascular trees, scrub  
 Vineyard; Orchard, plantation  
 Intermittent lake, Dam; Earthen; Masonry  
 Stream; Perennial; Intermittent  
 Marsh, swamp  
 Small falls; Large falls  
 Small rapids; Large rapids



ELEVATIONS IN METERS  
 CONTOUR INTERVAL 40 METERS



**SPHEROID** ..... GEODETIC REFERENCE SYSTEM 80  
**GRID** ..... 100-METER UTM ZONE 4 BLACK NUMBERED LINES  
**PROJECTION** ..... TRANSVERSE MERCATOR  
**HORIZONTAL DATUM** ..... MEAN SEA LEVEL  
**VERTICAL DATUM** ..... NORTH AMERICAN DATUM 1983  
**CONTROL** ..... U.S. AND FOREIGN  
**PREPARED BY** ..... U.S. GEOLOGICAL SURVEY  
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 OR RESTON, VIRGINIA 22092

**100 METER REFERENCE**  
 1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3  
 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.6  
 Example: 123456  
 Example: 456789

**100,000 M. SQUARE IDENTIFICATION**  
 Example: 456789  
 GRID ZONE DESIGNATION  
 Example: 45E UTM

**USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK 1-800-485-0898 COMMERCIAL 301-221-8811; 224-221-8811 UNCLASSIFIED EMAIL: ENTERPRISESERVICE@USGS.GOV; WWW.USGS.GOV; WWW.USGS.GOV/ENTERPRISE**

