

Prepared and published by the Defense Mapping Agency

LEGEND

MAP INFORMATION AS OF 1976
HYDROGRAPHIC DATA 1967 AND 1975

ON THIS MAP A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.3 METERS (8 FEET) IN WIDTH.
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
TINT INDICATES BUILT-UP AREAS IN WHICH ONLY LANDMARK BUILDINGS ARE SHOWN

ROADS

- Divided highway with median strip
- Primary all weather, hard surface, two or more lanes wide
- Secondary all weather, hard surface, two or more lanes wide
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate, Federal, State
- RAILROADS Standard gauge: 1.4m (4 3/4')
- Single track
- Multiple track
- Multiple track, non-operating
- Railroad station: Position known; Position unknown
- Car line

BOUNDARIES

- National
- State, territory
- County, parish, municipio
- Civil township, precinct, town, barrio
- Incorporated city, village, town, hamlet
- Reservation: National, state, military
- Power transmission line

Church, School, Buildings or structures

Mines: Horizontal shaft, Vertical shaft

Windsail, wind pump, Watermill

Open pit mine or quarry: Active, Inactive

Horizontal control station

Bench mark: Monumented, Non-monumented

Spot elevations in feet: Checked, Unchecked

Woodland, Scrub

Vineyard, Orchard

Intermittent lake and stream

Marsh or swamp: Dam

Large rapids: Large falls

Rapids: Falls, Pier

Wrecks: Exposed, Sunken

Rocks: Sunken; Awash

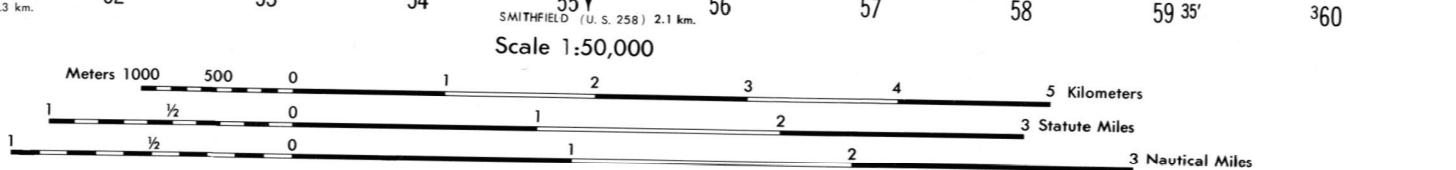
Soundings in meters

Depth curves in meters

Foreshore flat

Land made dangerous: Reef, Light, Lighthouse

Min made shoreline



ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

SPHEROID: CLARKE 1866
GRID: 1,000 METER UTM ZONE 18 (BLACK NUMBERED LINES)
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: SEA LEVEL DATUM 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN
CONTROL BY: HYDROGRAPHIC DATUM
USGS AND USCGS
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USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK:
1-800-455-6888, COMMERCIAL 314-263-4884, DSN 693-4884, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP 1-88, 4800 SANDHURST ROAD, BETHESDA, MD 20818-9003

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid (left of point and outside 100 meters) from grid line to point. Example: 45

2. Read large numbers labeling the HORIZONTAL grid line below point and outside 100 meters) from grid line to point. Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES. Example: US123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION. Example: 18SUS123456

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

G-M ANGLE 7' (120 METERS)

GRID CONVERGENCE 0'09" (17 METERS) FOR CENTER OF SHEET

ELEVATION GUIDE

ADJOINING SHEETS

BOUNDARIES

1. Gloucester County
2. York County
3. James City County
4. Newport News City
5. Surry County
6. Isle of Wight County

METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1978

THIS MAP IS RED-LIGHT READABLE