



- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey
and the National Ocean Service

Compiled from USGS 1:24 000-scale maps dated 1964-1982. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean lower low water (dotted) line and mean high water (heavy solid) line from NOS from tide-coordinated aerial photographs.

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator 25 000-foot grid ticks based on Virginia coordinate system, south zone, and Maryland coordinate system.

1927 North American Datum
To place on the predicted North

the projection lines 10 meters south and 28 meters west
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY
1 METER CONTOURS. DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARD USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Fath		1 2
1	3.2808		1 Frederickicksburg
2	6.5617		2 Leonardtown
3	9.8425		3 Salisbury
4	13.1234		4 Richmond
5	16.4042		5 Chincoteague
6	19.6850		6 Petersburg
7	22.9659		7 Williamsburg
8	26.2467		8 Chertion
9	29.5276		
10	32.8084		

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Secondary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface ...	
Other road or street, trail	
Route marker: Interstate, U.S. State	
Bridge: standard gauge, narrow gauge	
Railroad: overpass; underpass	
Tunnel: road, railroad	
Built up area, locality, elevation	
Airport, landing field, landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land public grant boundary	
Land public lands survey: range, township; section	
Range, township; section line: protected	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windswept, water well; spring	
Mineral shaft; oil or gas; mine, quarry, gravel pit	
Damaground; point area, U.S. location number	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index, intermediate; supplementary	
Isobars; contour: index, intermediate	
Stream, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Rock	
Order; viewpoint	

A pamphlet describing topographic maps is available on request.

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