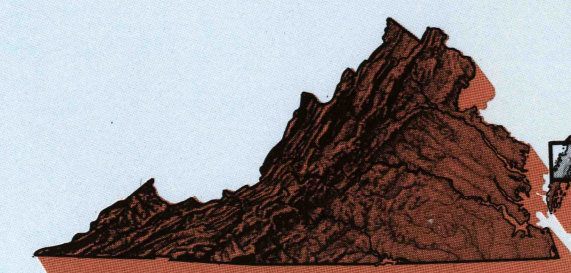
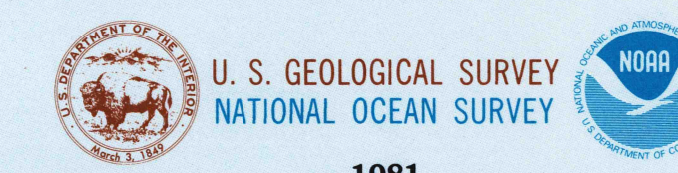


1:100 000-scale metric topographic-bathymetric map of Chincoteague VIRGINIA-MARYLAND



30 X 60 MINUTE QUADRANGLE SHOWING

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



1981

Produced by the Geological Survey and the National Ocean Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1964-1974. Planimetry revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map dated 1981.
 Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes.

Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line.
 Projection and 10 000-meter grid, zone 18, 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 projected North American Datum 1983 move the projection lines 9 meters south and 31 meters west.
 Oblique projection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams dated December 2, 1976 and October 31, 1974. The protection on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000 OCS Official Protection Diagrams available from the Bureau of Land Management.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 2 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
 BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS-DATUM IS MEAN LOW WATER
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	91° 23'	91° 18'	1	2	3
2	6.5617	91° 23'	91° 18'	4	5	6
3	9.8425	91° 23'	91° 18'	7	8	
4	13.1234	91° 23'	91° 18'			
5	16.4042	91° 23'	91° 18'			
6	19.6851	91° 23'	91° 18'			
7	22.9659	91° 23'	91° 18'			
8	26.2468	91° 23'	91° 18'			
9	29.5276	91° 23'	91° 18'			
10	32.8085	91° 23'	91° 18'			

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1981 magnetic declination shown at center of map
 Diagram is approximate

ADJOINING MAPS	
1	Lennoxdown
2	Salisbury
3	Yappahannock
4	Williamsburg
5	Chertton

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, etc.
- Road marker: interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Bank up area, locality, elevation
- Airport: landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land open boundary
- U. S. public lands survey: range, township; section
- Range, township; section line: projected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery; building
- Wellhead; water well; spring
- Mine shaft: adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: 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
- Sand; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

