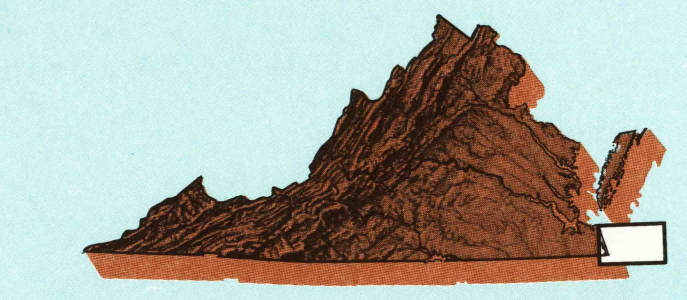


Virginia Beach

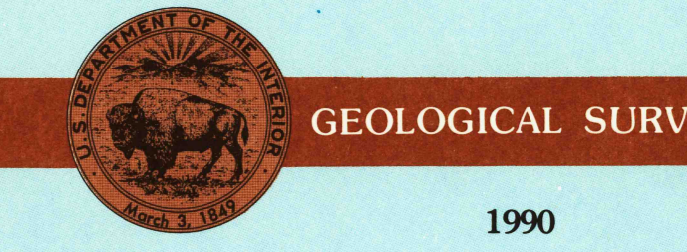
VIRGINIA-NORTH CAROLINA

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1971-1980. Planimetry revised from aerial photographic taken 1982 and 1987 and other source data. Revised information not field checked. Map edited 1990.
 Projection and 10 000-meter grid, zone 18: Universal Transverse Mercator
 25 000-foot grid ticks based on Virginia coordinate system, south zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 31 meters west
 Offshore projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagrams dated December 12, 1976 and April 25, 1978. The projections on this map are not for Federal leasing purposes, for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Minerals Management Service.
 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

USGS NATIONAL MAPS COMPLY WITH NATIONAL MAP ACCURACY STANDARDS

MAR 13 1991
 REC'D FILE COPY

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

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

DECLINATION DIAGRAM
 10° 11' 10" W
 0° 10' 10" W
 1000 METERS
 UTM grid convergence (GM) and 300 magnetic declination (MD) at center of map. Diagram is approximate.

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

 1 Williamsburg
 2 Norfolk
 3 Elizabeth City
 4 Currituck Sound

FOR SALE BY U. S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road marker: interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- Bridge: concrete, culvert
- 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 grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line: projected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area, U. S. location monument
- Ruin; cliff dwelling
- Disturbed surface: strip mine, levee, 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
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

