

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



U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SURVEY



1981

Produced by the Geological Survey and the National Ocean Survey in cooperation with State of Georgia agencies
Compiled from USGS 1:250 000-scale topographic maps dated 1975-1976 and orthophotographs dated 1975. Planimetry revised from aerial photographs taken 1976 and 1980 and other source data. Revised information not field checked. Map dated 1981.

Bathymetry compiled by the National Ocean Survey from tide-controlled 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-controlled aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line.

Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator 25 000-foot grid ticks based on Georgia coordinate system, east zone.

1987 North American Datum 1983 move the projection lines 19 meters north and 17 meters west.

Offshore protection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagram dated September 1, 1978. The protection on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagram available from the Bureau of Land Management.

There may be private holdings 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 0.3 METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

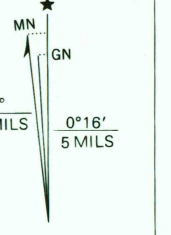
BASE MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS LISTED AS OF THE DATE OF THE SURVEYS.

CONVERSION TABLE

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	29.5276
10	32.8084

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

DECLINATION DIAGRAM



UTM grid convergence (GCM) and magnetic declination (MD) Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- 1. Mainland
- 2. Inland
- 3. Water Sound
- 4. Waterway
- 5. Chesapeake Bay
- 6. Potomac River

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR 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, trail
- Route marker, Interstate, U. S., State
- Railroad, standard gauge, narrow gauge
- Bridge, 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 grant boundary
- U. S. public lands survey, range, township, section
- Range, township, section line, protected
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Wasteland, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Railroad, off switching
- Disturbed surface, strip mine, lava, sand
- Contours, index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, pond, intermittent
- Rapids, large and small, falls, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Swamp, vineyard
- Outcrop, vineyard

A pamphlet describing topographic maps is available on request

MA/25/1997

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-43003	1916-17	1:180,000	10-120
H-42009	1919	1:20,000	02-22
H-44021	1924	1:20,000	02-20
H-44070	1924-25	1:20,000	05-35
H-44071	1924-25	1:20,000	02-30
H-45029	1934	1:10,000	02-06
H-55011	1934	1:10,000	02-03
H-55017	1934	1:10,000	01-03
H-55091	1934	1:10,000	02-07
H-55031	1934	1:10,000	02-06
H-55032	1934	1:10,000	01-03
H-55085	1934	1:10,000	02-09
H-55086	1935	1:10,000	02-07
H-55096	1934-35	1:10,000	01-10
H-55015	1934	1:10,000	05-10
H-55016	1935	1:10,000	03-30
H-54029	1934	1:10,000	05-10
H-54030	1934	1:10,000	03-10
H-54049	1934	1:10,000	13-14
H-54058	1934	1:20,000	09-10
H-54059	1934	1:20,000	09-10
H-54072	1934	1:20,000	06-10
H-54073	1934	1:20,000	06-11